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FIX.Latest

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# 1 Message Set Overview

## 1.1 List of Messages

The following table lists all messages described in this report.

Name	Category	Description
AccountSummaryReport	AccountReporting	The AccountSummaryReport is provided by the clearinghouse to its clearing members on a daily basis. It contains margin, settlement, collateral and pay/collect data for each clearing member level account type. Clearing member account types will be described through use of the Parties component and PtysSubGrp sub-component.
AllocationInstruction	Allocation	The Allocation Instruction message provides the ability to specify how an order or set of orders should be subdivided amongst one or more accounts. In versions of FIX prior to version 4.4, this same message was known as the Allocation message. Note in versions of FIX prior to version 4.4, the allocation message was also used to communicate fee and expense details from the Sellside to the Buyside. This role has now been removed from the Allocation Instruction and is now performed by the new (to version 4.4) Allocation Report and Confirmation messages. The Allocation Report message should be used for the Sell-side Initiated Allocation role as defined in previous versions of the protocol.
AllocationInstructionAck	Allocation	In versions of FIX prior to version 4.4, this message was known as the Allocation ACK message.

<b>Name</b>	<b>Category</b>	<b>Description</b>
<b>AllocationInstructionAlert</b>	Allocation	This message is used in a 3-party allocation model (buy-side and sell-side using a central clearing entity) where notification of group creation and group updates to counterparties is needed. The message will also carry trade information that comprised the group to the counterparties.
<b>AllocationInstructionAlertRequest</b>	Allocation	This message is used in a clearinghouse 3-party allocation model to request for AllocationInstructionAlert(35=BM) from the clearinghouse. The request may be used to obtain a one-time notification of the status of an allocation group.
<b>AllocationInstructionAlertRequestAck</b>	Allocation	This message is used in a clearinghouse 3-party allocation model to acknowledge a AllocationInstructionAlertRequest(35=DU) message for an AllocationInstructionAlert(35=BM) message from the clearinghouse.
<b>AllocationReport</b>	Allocation	Sent from sell-side to buy-side, sell-side to 3rd-party or 3rd-party to buy-side, the Allocation Report (Claim) provides account breakdown of an order or set of orders plus any additional follow-up front-office information developed post-trade during the trade allocation, matching and calculation phase. In versions of FIX prior to version 4.4, this functionality was provided through the Allocation message. Depending on the needs of the market and the timing of “confirmed” status, the role of Allocation Report can be taken over in whole or in part by the Confirmation message.
<b>AllocationReportAck</b>	Allocation	The Allocation Report Ack message is used to acknowledge the receipt of and provide status for an Allocation Report message.

<b>Name</b>	<b>Category</b>	<b>Description</b>
ApplicationMessageReport	Application	This message is used for three different purposes: to reset the ApplSeqNum (1181) of a specified ApplID (1180), to indicate that the last message has been sent for a particular ApplID, or as a keep-alive mechanism for ApplIDs with infrequent message traffic.
ApplicationMessageRequest	Application	This message is used to request a retransmission of a set of one or more messages generated by the application specified in RefApplID (1355).
ApplicationMessageRequestAck	Application	This message is used to acknowledge an Application Message Request providing a status on the request (i.e. whether successful or not). This message does not provide the actual content of the messages to be resent.
BusinessMessageReject	BusinessReject	The Business Message Reject message can reject an application-level message which fulfills session-level rules and cannot be rejected via any other means. Note if the message fails a session-level rule (e.g. body length is incorrect), a session-level Reject message should be issued.
CollateralAssignment	CollateralManagement	Used to assign collateral to cover a trading position. This message can be sent unsolicited or in reply to a Collateral Request message.
CollateralInquiry	CollateralManagement	Used to inquire for collateral status.
CollateralInquiryAck	CollateralManagement	Used to respond to a Collateral Inquiry in the following situations:
CollateralReport	CollateralManagement	Used to report collateral status when responding to a Collateral Inquiry message.

Name	Category	Description
CollateralReportAck	CollateralManagement	CollateralReportAck(35=DQ) is used as a response to the CollateralReport(35=BA). It can be used to reject a CollateralReport(35=BA) when the content of the report is invalid based on the business rules of the receiver. The message may also be used to acknowledge receipt of a valid CollateralReport(35=BA).
CollateralRequest	CollateralManagement	An initiator that requires collateral from a respondent sends a Collateral Request. The initiator can be either counterparty to a trade in a two party model or an intermediary such as an ATS or clearinghouse in a three party model. A Collateral Assignment is expected as a response to a request for collateral.
CollateralResponse	CollateralManagement	Used to respond to a Collateral Assignment message.
Confirmation	Confirmation	The Confirmation messages are used to provide individual trade level confirmations from the sell side to the buy side. In versions of FIX prior to version 4.4, this role was performed by the allocation message. Unlike the allocation message, the confirmation message operates at an allocation account (trade) level rather than block level, allowing for the affirmation or rejection of individual confirmations.
ConfirmationAck	Confirmation	The Confirmation Ack (aka Affirmation) message is used to respond to a Confirmation message.
ConfirmationRequest	Confirmation	The Confirmation Request message is used to request a Confirmation message.
CrossOrderCancelReplaceRequest	CrossOrders	Used to modify a cross order previously submitted using the New Order - Cross message. See Order Cancel Replace Request for details concerning message usage.
CrossOrderCancelRequest	CrossOrders	Used to fully cancel the remaining open quantity of a cross order.

<b>Name</b>	<b>Category</b>	<b>Description</b>
NewOrderCross	CrossOrders	Used to submit a cross order into a market. The cross order contains two order sides (a buy and a sell). The cross order is identified by its CrossID.
Email	EventCommunication	The email message is similar to the format and purpose of the News message, however, it is intended for private use between two parties.
News	EventCommunication	The news message is a general free format message between the broker and institution. The message contains flags to identify the news item's urgency and to allow sorting by subject company (symbol). The News message can be originated at either the broker or institution side, or exchanges and other marketplace venues.
Advertisement	Indication	Advertisement messages are used to announce completed transactions. The advertisement message can be transmitted in various transaction types; NEW, CANCEL and REPLACE. All message types other than NEW modify the state of a previously transmitted advertisement identified in AdvRefID.
CrossRequest	Indication	The CrossRequest(35=DS) message is used to indicate the submission of orders or quotes that may result in a crossed trade.
CrossRequestAck	Indication	The CrossRequestAck(35=DT) message is used to confirm the receipt of a CrossRequest(35=DS) message.
IOI	Indication	Indication of interest messages are used to market merchandise which the broker is buying or selling in either a proprietary or agency capacity. The indications can be time bound with a specific expiration value. Indications are distributed with the understanding that other firms may react to the message first and that the merchandise may no longer be available due to prior trade.

Name	Category	Description
MarginRequirementInquiry	MarginRequirementManagement	The purpose of this message is to initiate a margin requirement inquiry for a margin account. The inquiry may be submitted at the detail level or the summary level. It can also be used to inquire margin excess/deficit or net position information. Margin excess/deficit will provide information about the surplus or shortfall compared to the previous trading day or a more recent margin calculation. An inquiry for net position information will trigger one or more PositionReport messages instead of one or more MarginRequirementReport messages.
MarginRequirementInquiryAck	MarginRequirementManagement	Used to respond to a Margin Requirement Inquiry.
MarginRequirementReport	MarginRequirementManagement	The Margin Requirement Report returns information about margin requirement either as an overview across all margin accounts or on a detailed level due to the inquiry making use of the optional Instrument component block. Application sequencing can be used to re-request a range of reports.
MarketDataIncrementalRefresh	MarketData	The Market Data message for incremental updates may contain any combination of new, changed, or deleted Market Data Entries, for any combination of instruments, with any combination of trades, imbalances, quotes, index values, open, close, settlement, high, low, and VWAP prices, trade volume and open interest so long as the maximum FIX message size is not exceeded. All of these types of Market Data Entries can be changed and deleted.
MarketDataReport	MarketData	The MarketDataReport(35=DR) message is used to provide delimiting references (e.g. start and end markers in a continuous broadcast) and details about the number of market data messages sent in a given distribution cycle.



<b>Name</b>	<b>Category</b>	<b>Description</b>
<b>MarketDataRequest</b>	MarketData	Some systems allow the transmission of real-time quote, order, trade, trade volume, open interest, and/or other price information on a subscription basis. A MarketDataRequest(35=V) is a general request for market data on specific securities or forex quotes. The values in the fields provided within the request will serve as further filter criteria for the result set.
<b>MarketDataRequestReject</b>	MarketData	The Market Data Request Reject is used when the broker cannot honor the Market Data Request, due to business or technical reasons. Brokers may choose to limit various parameters, such as the size of requests, whether just the top of book or the entire book may be displayed, and whether Full or Incremental updates must be used.
<b>MarketDataSnapshotFullRefresh</b>	MarketData	The Market Data messages are used as the response to a Market Data Request message. In all cases, one Market Data message refers only to one Market Data Request. It can be used to transmit a 2-sided book of orders or list of quotes, a list of trades, index values, opening, closing, settlement, high, low, or VWAP prices, the trade volume or open interest for a security, or any combination of these.
<b>MarketDataStatisticsReport</b>	MarketData	The MarketDataStatisticsReport(35=DP) is used to provide unsolicited statistical information or in response to a specific request. Each report contains a set of statistics for a single entity which could be a market, a market segment, a security list or an instrument.

Name	Category	Description
MarketDataStatisticsRequest	MarketData	The MarketDataStatisticsRequest(35=DO) is used to request for statistical data. The simple form is to use an identifier (MDStatisticID(2475)) assigned by the market place which would denote a pre-defined statistical report. Alternatively, or also in addition, the request can define a number of parameters for the desired statistical information.
StreamAssignmentReport	MarketData	The StreamAssignmentReport message is in response to the StreamAssignmentRequest message. It provides information back to the aggregator as to which clients to assign to receive which price stream based on requested CCY pair. This message can be sent unsolicited to the Aggregator from the Price Maker.
StreamAssignmentReportACK	MarketData	This message is used to respond to the Stream Assignment Report, to either accept or reject an unsolicited assignment.
StreamAssignmentRequest	MarketData	In certain markets where market data aggregators fan out to end clients the pricing streams provided by the price makers, the price maker may assign the clients to certain pricing streams that the price maker publishes via the aggregator. An example of this use is in the FX markets where clients may be assigned to different pricing streams based on volume bands and currency pairs.
MarketDefinition	MarketStructureReferenceData	The MarketDefinition(35=BU) message is used to respond to MarketDefinitionRequest(35=BT). In a subscription, it will be used to provide the initial snapshot of the information requested. Subsequent updates are provided by the MarketDefinitionUpdateReport(35=BV).

<b>Name</b>	<b>Category</b>	<b>Description</b>
<b>MarketDefinitionRequest</b>	MarketStructureReferenceData	The Market Definition Request message is used to request for market structure information from the Respondent that receives this request.
<b>MarketDefinitionUpdateReport</b>	MarketStructureReferenceData	In a subscription for market structure information, this message is used once the initial snapshot of the information has been sent using the MarketDefinition(35=BU) message.
<b>TradingSessionList</b>	MarketStructureReferenceData	The Trading Session List message is sent as a response to a Trading Session List Request. The Trading Session List should contain the characteristics of the trading session and the current state of the trading session.
<b>TradingSessionListRequest</b>	MarketStructureReferenceData	The Trading Session List Request is used to request a list of trading sessions available in a market place and the state of those trading sessions. A successful request will result in a response from the counterparty of a Trading Session List (MsgType=BJ) message that contains a list of zero or more trading sessions.
<b>TradingSessionListUpdateReport</b>	MarketStructureReferenceData	The Trading Session List Update Report is used by marketplaces to provide intra-day updates of trading sessions when there are changes to one or more trading sessions.
<b>TradingSessionStatus</b>	MarketStructureReferenceData	The Trading Session Status provides information on the status of a market. For markets multiple trading sessions on multiple-markets occurring (morning and evening sessions for instance), this message is able to provide information on what products are trading on what market during what trading session.

Name	Category	Description
TradingSessionStatusRequest	MarketStructureReferenceData	The Trading Session Status Request is used to request information on the status of a market. With the move to multiple sessions occurring for a given trading party (morning and evening sessions for instance) there is a need to be able to provide information on what product is trading on what market.
MultilegOrderCancelReplace	MultilegOrders	Used to modify a multileg order previously submitted using the New Order - Multileg message. See Order Cancel Replace Request for details concerning message usage.
NewOrderMultileg	MultilegOrders	The New Order - Multileg is provided to submit orders for securities that are made up of multiple securities, known as legs.
NetworkCounterpartySystemStatusRequest	Network	This message is send either immediately after logging on to inform a network (counterparty system) of the type of updates required or to at any other time in the FIX conversation to change the nature of the types of status updates required. It can also be used with a NetworkRequestType of Snapshot to request a one-off report of the status of a network (or counterparty) system. Finally this message can also be used to cancel a request to receive updates into the status of the counterparties on a network by sending a NetworkRequestStatusMessage with a NetworkRequestType of StopSubscribing.
NetworkCounterpartySystemStatusRespon	Network	This message is sent in response to a Network (Counterparty System) Status Request Message.
MassOrder	OrderMassHandling	The MassOrder(35=DJ) message can be used to add, modify or delete multiple unrelated orders with a single message. Apart from clearing related attributes, only the key order attributes for high performance trading are available.

<b>Name</b>	<b>Category</b>	<b>Description</b>
<b>MassOrderAck</b>	OrderMassHandling	The mass order acknowledgement message is used to acknowledge the receipt of and the status for a MassOrder(35=DJ) message.
<b>OrderMassActionReport</b>	OrderMassHandling	The Order Mass Action Report is used to acknowledge an Order Mass Action Request. Note that each affected order that is suspended or released or canceled is acknowledged with a separate Execution Report for each order.
<b>OrderMassActionRequest</b>	OrderMassHandling	The Order Mass Action Request message can be used to request the suspension or release of a group of orders that match the criteria specified within the request. This is equivalent to individual Order Cancel Replace Requests for each order with or without adding "S" to the ExecInst values. It can also be used for mass order cancellation.
<b>OrderMassCancelReport</b>	OrderMassHandling	The Order Mass Cancel Report is used to acknowledge an Order Mass Cancel Request. Note that each affected order that is canceled is acknowledged with a separate Execution Report or Order Cancel Reject message.
<b>OrderMassCancelRequest</b>	OrderMassHandling	The order mass cancel request message requests the cancellation of all of the remaining quantity of a group of orders matching criteria specified within the request. NOTE: This message can only be used to cancel order messages (reduce the full quantity).
<b>OrderMassStatusRequest</b>	OrderMassHandling	The order mass status request message requests the status for orders matching criteria specified within the request.
<b>PartyActionReport</b>	PartiesAction	Used to respond to the PartyActionRequest(35=DH) message, indicating whether the request has been received, accepted or rejected. Can also be used in an unsolicited manner to report party actions, e.g. reinstatements after a manual intervention out of band.

Name	Category	Description
PartyActionRequest	PartiesAction	The PartyActionRequest message is used to suspend or halt the specified party from further trading activities at the Respondent. The Respondent must respond with a PartyActionReport(35=DI) message.
PartyRiskLimitCheckRequest	PartiesAction	PartyRiskLimitCheckRequest is used to request for approval of credit or risk limit amount intended to be used by a party in a transaction from another party that holds the information.
PartyRiskLimitCheckRequestAck	PartiesAction	PartyRiskLimitCheckRequestAck is used to acknowledge a PartyRiskLimitCheckRequest(35=DF) message and to respond whether the limit check request was approved or not. When used to accept the PartyRiskLimitCheckRequest(35=DF) message the Respondent may also include the limit amount that was approved.
PartyDetailsDefinitionRequest	PartiesReferenceData	The PartyDetailsDefinitionRequest(35=CX) is used for defining new parties and modifying or deleting existing parties information, including the relationships between parties.
PartyDetailsDefinitionRequestAck	PartiesReferenceData	The PartyDetailsDefinitionRequestAck(35=CX) is used as a response to the PartyDetailsDefinitionRequest(35=CX) message. The request can be accepted (with or without changes) or rejected.
PartyDetailsListReport	PartiesReferenceData	The PartyDetailsListReport message is used to disseminate party details between counterparties. PartyDetailsListReport messages may be sent in response to a PartyDetailsListRequest message or sent unsolicited.
PartyDetailsListRequest	PartiesReferenceData	The PartyDetailsListRequest is used to request party detail information.

Name	Category	Description
PartyDetailsListUpdateReport	PartiesReferenceData	The PartyDetailsListUpdateReport(35=CK) is used to disseminate updates to party detail information.
PartyEntitlementsDefinitionRequest	PartiesReferenceData	The PartyEntitlementsDefinitionRequest(35=DA) is used for defining new entitlements, and modifying or deleting existing entitlements for the specified party(-ies).
PartyEntitlementsDefinitionRequestAck	PartiesReferenceData	The PartyEntitlementsDefinitionRequestAck(35=DB) is used as a response to the PartyEntitlementsDefinitionRequest(35=DA) to accept (with or without changes) or reject the definition of party entitlements.
PartyEntitlementsReport	PartiesReferenceData	The PartyEntitlementsReport is used to report entitlements for one or more parties, party role(s), or specific instrument(s).
PartyEntitlementsRequest	PartiesReferenceData	The PartyEntitlementsRequest message is used to request for entitlement information for one or more party(-ies), specific party role(s), or specific instruments(s).
PartyEntitlementsUpdateReport	PartiesReferenceData	The PartyEntitlementsUpdateReport(35=CZ) is used to convey incremental changes to party entitlements. It is similar to the PartyEntitlementsReport(35=CV). This message uses the PartyEntitlementsUpdateGrp component which includes the ability to specify an update action using ListUpdateAction(1324).
PartyRiskLimitsDefinitionRequest	PartiesReferenceData	PartyRiskLimitDefinitionRequest is used for defining new risk limits.
PartyRiskLimitsDefinitionRequestAck	PartiesReferenceData	PartyRiskLimitDefinitionRequestAck is used for accepting (with or without changes) or rejecting the definition of risk limits.

<b>Name</b>	<b>Category</b>	<b>Description</b>
<b>PartyRiskLimitsReport</b>	PartiesReferenceData	The PartyRiskLimitsReport message is used to communicate party risk limits. The message can either be sent as a response to the PartyRiskLimitsRequest message or can be published unsolicited.
<b>PartyRiskLimitsReportAck</b>	PartiesReferenceData	PartyRiskLimitsReportAck is an optional message used as a response to the PartyRiskLimitReport(35=CM) or PartyRiskLimitUpdateReport(35=CR) messages to acknowledge or reject those messages.
<b>PartyRiskLimitsRequest</b>	PartiesReferenceData	The PartyRiskLimitsRequest message is used to request for risk information for specific parties, specific party roles or specific instruments.
<b>PartyRiskLimitsUpdateReport</b>	PartiesReferenceData	The PartyRiskLimitsUpdateReport(35=CR) is used to convey incremental changes to risk limits. It is similar to the regular report but uses the PartyRiskLimitsUpdateGrp component instead of the PartyRiskLimitsGrp component to include an update action.
<b>PayManagementReport</b>	PayManagement	PayManagementReport(35=EA) may be used to respond to the PayManagementRequest(35=DY) message. It provides the status of the request (e.g. accepted, disputed) and may provide additional information related to the request.
<b>PayManagementReportAck</b>	PayManagement	PayManagementReportAck(35=EB) is used as a response to the PayManagementReport(35=EA) message. It may be used to accept, reject or dispute the details of the PayManagementReport(35=EA) depending on the business rules of the receiver. This message may also be used to acknowledge the receipt of a PayManagementReport(35=EA) message.



Name	Category	Description
PayManagementRequest	PayManagement	PayManagementRequest(35=DY) message is used to communicate a future or expected payment to be made or received related to a trade or contract after its settlement.
PayManagementRequestAck	PayManagement	PayManagementRequestAck(35=DZ) is used to acknowledge the receipt of the PayManagementRequest(35=DY) message (i.e. a technical acknowledgement of receipt). Acceptance or rejection of the request is reported in the corresponding PayManagementReport(35=EA).
AdjustedPositionReport	PositionMaintenance	Used to report changes in position, primarily in equity options, due to modifications to the underlying due to corporate actions
AssignmentReport	PositionMaintenance	Assignment Reports are sent from a clearing house to counterparties, such as a clearing firm as a result of the assignment process.
ContraryIntentionReport	PositionMaintenance	The Contrary Intention Report is used for reporting of contrary expiration quantities for Saturday expiring options. This information is required by options exchanges for regulatory purposes.
PositionMaintenanceReport	PositionMaintenance	The Position Maintenance Report message is sent by the holder of a position in response to a Position Maintenance Request and is used to confirm that a request has been successfully processed or rejected.
PositionMaintenanceRequest	PositionMaintenance	The Position Maintenance Request message allows the position owner to submit requests to the holder of a position which will result in a specific action being taken which will affect the position. Generally, the holder of the position is a central counter party or clearing organization but can also be a party providing investment services.

<b>Name</b>	<b>Category</b>	<b>Description</b>
PositionReport	PositionMaintenance	The Position Report message is returned by the holder of a position in response to a Request for Position message. The purpose of the message is to report all aspects of a position and may be provided on a standing basis to report end of day positions to an owner.
PositionTransferInstruction	PositionMaintenance	The PositionTransferInstruction(35=DL) is sent by clearing firms to CCPs to initiate position transfers, or to accept or decline position transfers.
PositionTransferInstructionAck	PositionMaintenance	The PositionTransferInstructionAck(35=DM) is sent by CCPs to clearing firms to acknowledge position transfer instructions, and to report errors processing position transfer instructions.
PositionTransferReport	PositionMaintenance	The PositionTransferReport(35=DN) is sent by CCPs to clearing firms indicating of positions that are to be transferred to the clearing firm, or to report on status of the transfer to the clearing firms involved in the transfer process.
RequestForPositions	PositionMaintenance	The Request For Positions message is used by the owner of a position to request a Position Report from the holder of the position, usually the central counter party or clearing organization. The request can be made at several levels of granularity.
RequestForPositionsAck	PositionMaintenance	The Request for Positions Ack message is returned by the holder of the position in response to a Request for Positions message. The purpose of the message is to acknowledge that a request has been received and is being processed.
BidRequest	ProgramTrading	The BidRequest Message can be used in one of two ways depending on which market conventions are being followed.
BidResponse	ProgramTrading	The Bid Response message can be used in one of two ways depending on which market conventions are being followed.

<b>Name</b>	<b>Category</b>	<b>Description</b>
ListCancelRequest	ProgramTrading	The List Cancel Request message type is used by institutions wishing to cancel previously submitted lists either before or during execution.
ListExecute	ProgramTrading	The List Execute message type is used by institutions to instruct the broker to begin execution of a previously submitted list. This message may or may not be used, as it may be mirroring a phone conversation.
ListStatus	ProgramTrading	The list status message is issued as the response to a List Status Request message sent in an unsolicited fashion by the sell-side. It indicates the current state of the orders within the list as they exist at the broker's site. This message may also be used to respond to the List Cancel Request.
ListStatusRequest	ProgramTrading	The list status request message type is used by institutions to instruct the broker to generate status messages for a list.
ListStrikePrice	ProgramTrading	The strike price message is used to exchange strike price information for principal trades. It can also be used to exchange reference prices for agency trades.
NewOrderList	ProgramTrading	The NewOrderList Message can be used in one of two ways depending on which market conventions are being followed.
MassQuote	QuotationNegotiation	The Mass Quote message can contain quotes for multiple securities to support applications that allow for the mass quoting of an option series. Two levels of repeating groups have been provided to minimize the amount of data required to submit a set of quotes for a class of options (e.g. all option series for IBM).
MassQuoteAck	QuotationNegotiation	Mass Quote Acknowledgement is used as the application level response to a Mass Quote message.

Name	Category	Description
Quote	QuotationNegotiation	The Quote message is used as the response to a Quote Request or a Quote Response message in both indicative, tradeable, and restricted tradeable quoting markets.
QuoteAck	QuotationNegotiation	The QuoteAck(35=CW) message is used to acknowledge a Quote(35=S) submittal or request to cancel an individual quote using the QuoteCancel(35=Z) message during a Quote/Negotiation dialog.
QuoteCancel	QuotationNegotiation	The Quote Cancel message is used by an originator of quotes to cancel quotes.
QuoteRequest	QuotationNegotiation	In some markets it is the practice to request quotes from brokers prior to placement of an order. The quote request message is used for this purpose. This message is commonly referred to as an Request For Quote (RFQ)
QuoteRequestReject	QuotationNegotiation	The Quote Request Reject message is used to reject Quote Request messages for all quoting models.
QuoteResponse	QuotationNegotiation	The QuoteResponse(35=AJ) message is used for the following purposes:
QuoteStatusReport	QuotationNegotiation	The quote status report message is used:
QuoteStatusRequest	QuotationNegotiation	The quote status request message is used for the following purposes in markets that employ tradeable or restricted tradeable quotes:
RFQRequest	QuotationNegotiation	In tradeable and restricted tradeable quoting markets – Quote Requests are issued by counterparties interested in ascertaining the market for an instrument. Quote Requests are then distributed by the market to liquidity providers who make markets in the instrument. The RFQ Request is used by liquidity providers to indicate to the market for which instruments they are interested in receiving Quote Requests. It can be used to register interest in receiving quote requests for a single instrument or for multiple instruments

Name	Category	Description
RegistrationInstructions	RegistrationInstruction	The Registration Instructions message type may be used by institutions or retail intermediaries wishing to electronically submit registration information to a broker or fund manager (for CIV) for an order or for an allocation.
RegistrationInstructionsResponse	RegistrationInstruction	The Registration Instructions Response message type may be used by broker or fund manager (for CIV) in response to a Registration Instructions message submitted by an institution or retail intermediary for an order or for an allocation.
DerivativeSecurityList	SecuritiesReferenceData	The Derivative Security List message is used to return a list of securities that matches the criteria specified in a Derivative Security List Request.
DerivativeSecurityListRequest	SecuritiesReferenceData	The Derivative Security List Request message is used to return a list of securities from the counterparty that match criteria provided on the request
DerivativeSecurityListUpdateReport	SecuritiesReferenceData	The Derivative Security List Update Report message is used to send updates to an option family or the strikes that comprise an option family.
SecurityDefinition	SecuritiesReferenceData	The SecurityDefinition(35=d) message is used for the following:
SecurityDefinitionRequest	SecuritiesReferenceData	The SecurityDefinitionRequest(35=c) message is used for the following:
SecurityDefinitionUpdateReport	SecuritiesReferenceData	This message is used for reporting updates to a product security master file. Updates could be the result of corporate actions or other business events. Updates may include additions, modifications or deletions.
SecurityList	SecuritiesReferenceData	The Security List message is used to return a list of securities that matches the criteria specified in a Security List Request.

<b>Name</b>	<b>Category</b>	<b>Description</b>
SecurityListRequest	SecuritiesReferenceData	The Security List Request message is used to return a list of securities from the counterparty that match criteria provided on the request
SecurityListUpdateReport	SecuritiesReferenceData	The Security List Update Report is used for reporting updates to a Contract Security Masterfile. Updates could be due to Corporate Actions or other business events. Update may include additions, modifications and deletions.
SecurityMassStatus	SecuritiesReferenceData	
SecurityMassStatusRequest	SecuritiesReferenceData	
SecurityStatus	SecuritiesReferenceData	The Security Status message provides for the ability to report changes in status to a security. The Security Status message contains fields to indicate trading status, corporate actions, financial status of the company. The Security Status message is used by one trading entity (for instance an exchange) to report changes in the state of a security.
SecurityStatusRequest	SecuritiesReferenceData	The Security Status Request message provides for the ability to request the status of a security. One or more Security Status messages are returned as a result of a Security Status Request message.
SecurityTypeRequest	SecuritiesReferenceData	The Security Type Request message is used to return a list of security types available from a counterparty or market.
SecurityTypes	SecuritiesReferenceData	The Security Type Request message is used to return a list of security types available from a counterparty or market.
Heartbeat	Session	The Heartbeat monitors the status of the communication link and identifies when the last of a string of messages was not received.
Logon	Session	The logon message authenticates a user establishing a connection to a remote system. The logon message must be the first message sent by the application requesting to initiate a FIX session.

<b>Name</b>	<b>Category</b>	<b>Description</b>
Logout	Session	The logout message initiates or confirms the termination of a FIX session. Disconnection without the exchange of logout messages should be interpreted as an abnormal condition.
Reject	Session	The reject message should be issued when a message is received but cannot be properly processed due to a session-level rule violation. An example of when a reject may be appropriate would be the receipt of a message with invalid basic data which successfully passes de-encryption, CheckSum and BodyLength checks.
ResendRequest	Session	The resend request is sent by the receiving application to initiate the retransmission of messages. This function is utilized if a sequence number gap is detected, if the receiving application lost a message, or as a function of the initialization process.
SequenceReset	Session	The sequence reset message is used by the sending application to reset the incoming sequence number on the opposing side.
TestRequest	Session	The test request message forces a heartbeat from the opposing application. The test request message checks sequence numbers or verifies communication line status. The opposite application responds to the Test Request with a Heartbeat containing the TestReqID.
XMLnonFIX	Session	
SettlementInstructionRequest	SettlementInstruction	The Settlement Instruction Request message is used to request standing settlement instructions from another party.

Name	Category	Description
SettlementInstructions	SettlementInstruction	The Settlement Instructions message provides the broker's, the institution's, or the intermediary's instructions for trade settlement. This message has been designed so that it can be sent from the broker to the institution, from the institution to the broker, or from either to an independent "standing instructions" database or matching system or, for CIV, from an intermediary to a fund manager.
SettlementObligationReport	SettlementInstruction	The Settlement Obligation Report message provides a central counterparty, institution, or individual counterparty with a capacity for reporting the final details of a currency settlement obligation.
SettlementStatusReport	SettlementStatusManagement	SettlementStatusReport(35=EE) is a response to the SettlementStatusRequest(35=EC) to provide settlement status for the requested trade. It may also be sent unsolicited without an explicit request message by the party able to provide the settlement status for the trade identified in the report message.
SettlementStatusReportAck	SettlementStatusManagement	SettlementStatusReportAck(35=EF) is used to respond to the SettlementStatusReport(35=EE) to acknowledge or reject the report.
SettlementStatusRequest	SettlementStatusManagement	SettlementStatusRequest(35=EC) is used to request for the settlement status of a trade.
SettlementStatusRequestAck	SettlementStatusManagement	SettlementStatusRequestAck(35=ED) is used to respond to the SettlementStatusRequest(35=EC) to acknowledge the request and provide status for the request message.
DontKnowTrade	SingleGeneralOrderHandling	The Don't Know Trade (DK) message notifies a trading partner that an electronically received execution has been rejected. This message can be thought of as an execution reject message.



Name	Category	Description
ExecutionAck	SingleGeneralOrderHandling	The Execution Report Acknowledgement message is an optional message that provides dual functionality to notify a trading partner that an electronically received execution has either been accepted or rejected (DK'd).
ExecutionReport	SingleGeneralOrderHandling	The execution report message is used to:
NewOrderSingle	SingleGeneralOrderHandling	The new order message type is used by institutions wishing to electronically submit securities and forex orders to a broker for execution.
OrderCancelReject	SingleGeneralOrderHandling	The order cancel reject message is issued by the broker upon receipt of a cancel request or cancel/replace request message which cannot be honored.
OrderCancelReplaceRequest	SingleGeneralOrderHandling	The order cancel/replace request is used to change the parameters of an existing order.
OrderCancelRequest	SingleGeneralOrderHandling	The order cancel request message requests the cancellation of all of the remaining quantity of an existing order. Note that the Order Cancel/Replace Request should be used to partially cancel (reduce) an order).
OrderStatusRequest	SingleGeneralOrderHandling	The order status request message is used by the institution to generate an order status message back from the broker.
TradeCaptureReport	TradeCapture	The Trade Capture Report message can be:
TradeCaptureReportAck	TradeCapture	The Trade Capture Report Ack message can be:
TradeCaptureReportRequest	TradeCapture	The Trade Capture Report Request can be used to:
TradeCaptureReportRequestAck	TradeCapture	The Trade Capture Request Ack message is used to:

<b>Name</b>	<b>Category</b>	<b>Description</b>
<b>TradeMatchReport</b>	TradeCapture	The TradeMatchReport(35=DC) message is used by exchanges and ECN's to report matched trades to central counterparties (CCPs) as an atomic event. The message is used to express the one-to-one, one-to-many and many-to-many matches as well as implied matches in which more complex instruments can match with simpler instruments.
<b>TradeMatchReportAck</b>	TradeCapture	The TradeMatchReportAck(35=DD) is used to respond to theTradeMatchReport(35=DC) message. It may be used to report on the status of the request (e.g. accepting the request or rejecting the request).
<b>TradeAggregationReport</b>	TradeManagement	TradeAggregationReport(35=DX) is used to respond to the TradeAggregationRequest(35=DW) message. It provides the status of the request (e.g. accepted or rejected) and may also provide additional information supplied by the respondent.
<b>TradeAggregationRequest</b>	TradeManagement	TradeAggregationRequest(35=DW) is used to request that the identified trades between the initiator and respondent be aggregated together for further processing.
<b>UserNotification</b>	UserManagement	The User Notification message is used to notify one or more users of an event or information from the sender of the message. This message is usually sent unsolicited from a marketplace (e.g. Exchange, ECN) to a market participant.
<b>UserRequest</b>	UserManagement	This message is used to initiate a user action, logon, logout or password change. It can also be used to request a report on a user's status.

UserResponse

UserManagement

This message is used to respond to a user request message, it reports the status of the user after the completion of any action requested in the user request message.

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## 2 AccountSummaryReport

Category: AccountReporting

### 2.1 Message Functionality

The AccountSummaryReport is provided by the clearinghouse to its clearing members on a daily basis. It contains margin, settlement, collateral and pay/collect data for each clearing member level account type. Clearing member account types will be described through use of the Parties component and PtysSubGrp sub-component.

In certain usages, the clearing members can send the AccountSummaryReport message to the clearinghouse as needed. For example, clearing members can send this message to the clearinghouse to identify the value of collateral for each customer (to satisfy CFTC Legally Segregated Operationally Commingled (LSOC) regulatory reporting obligations).

Clearing organizations can also send the AccountSummaryReport message to regulators to meet regulatory reporting obligations. For example, clearing organizations can use this message to submit daily reports for each clearing member ("CM") by house origin and by each customer origin for all futures, options, and swaps positions, and all securities positions held in a segregated account or pursuant to a cross margining agreement, to a regulator (e.g. to the CFTC to meet Part 39, Section 39.19 reporting obligations).

### 2.2 Structure

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Name	Mult.	Type	Description
StandardHeader	[1..1]	Component	MsgType = CQ
ApplicationSequenceControl	[0..1]	Component	
AccountSummaryReportID	[1..1]	String	
ClearingBusinessDate	[1..1]	LocalMktDate	
Currency	[0..1]	Currency	Identifies the base reporting currency used in this report.
TotalNetValue	[0..1]	Amt	
MarginExcess	[0..1]	Amt	
SettlSessID	[0..1]	CodeSet	
SettlSessSubID	[0..1]	String	
TransactTime	[0..1]	UTCTimestamp	

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<b>Name</b>	<b>Mult.</b>	<b>Type</b>	<b>Description</b>
SettlementAmountGrp	[0..*]	Group	
MarginAmount	[0..*]	Group	
Parties	[1..*]	Group	Used to identify the parties for the account (clearing organization, clearing firm, account type, etc.)
CollateralAmountGrp	[0..*]	Group	
PayCollectGrp	[0..*]	Group	
PositionAmountData	[0..*]	Group	Can be used to identify mark to market information for the position.
StandardTrailer	[0..1]	Component	

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### 3 AdjustedPositionReport

Category: PositionMaintenance

#### 3.1 Message Functionality

Used to report changes in position, primarily in equity options, due to modifications to the underlying due to corporate actions

#### 3.2 Structure

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Name	Mult.	Type	Description
StandardHeader	[1..1]	Component	MsgType = BL
PosMaintRptID	[1..1]	String	Unique identifier for this Adjusted Position report
PosReqType	[0..1]	CodeSet	
ClearingBusinessDate	[1..1]	LocalMktDate	The Clearing Business Date referred to by this maintenance request
SettlSessID	[0..1]	CodeSet	
PosMaintRptRefID	[0..1]	String	
Parties	[1..*]	Group	Position Account
PositionQty	[1..*]	Group	Insert here here the set of "Position Qty" fields defined in "Common Components of Application Messages"
InstrmtGrp	[0..*]	Group	
SettlPrice	[0..1]	Price	Settlement Price
PriorSettlPrice	[0..1]	Price	Prior Settlement Price
StandardTrailer	[1..1]	Component	

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## 4 Advertisement

Category: Indication

### 4.1 Message Functionality

Advertisement messages are used to announce completed transactions. The advertisement message can be transmitted in various transaction types; NEW, CANCEL and REPLACE. All message types other than NEW modify the state of a previously transmitted advertisement identified in AdvRefID.

### 4.2 Structure

Name	Mult.	Type	Description
StandardHeader	[1..1]	Component	MsgType = 7
AdvId	[1..1]	String	
AdvTransType	[1..1]	CodeSet	
AdvRefID	[0..1]	String	Required for Cancel and Replace AdvTransType messages
Instrument	[1..1]	Component	Insert here the set of "Instrument" (symbology) fields defined in "Common Components of Application Messages"
InstrumentExtension	[0..1]	Component	
FinancingDetails	[0..1]	Component	
InstrmtLegGrp	[0..*]	Group	Number of legs. Identifies a Multi-leg Execution if present and non-zero.
UndInstrmtGrp	[0..*]	Group	Number of underlyings
RelatedInstrumentGrp	[0..*]	Group	
AdvSide	[1..1]	CodeSet	
Quantity	[1..1]	Qty	
QtyType	[0..1]	CodeSet	
Price	[0..1]	Price	
Currency	[0..1]	Currency	
CurrencyCodeSource	[0..1]	CodeSet	
TradeDate	[0..1]	LocalMktDate	
TransactTime	[0..1]	UTCTimestamp	
Text	[0..1]	String	

<b>Name</b>	<b>Mult.</b>	<b>Type</b>	<b>Description</b>
EncodedTextLen	[0..1]	Length	Must be set if EncodedText field is specified and must immediately precede it.
EncodedText	[0..1]	data	Encoded (non-ASCII characters) representation of the Text field in the encoded format specified via the MessageEncoding field.
URLLink	[0..1]	String	A URL (Uniform Resource Locator) link to additional information (i.e. <a href="http://www.XYZ.com/research.html">http://www.XYZ.com/research.html</a> )
LastMkt	[0..1]	Exchange	
TradingSessionID	[0..1]	CodeSet	
TradingSessionSubID	[0..1]	CodeSet	
RoutingGrp	[0..*]	Group	
StandardTrailer	[1..1]	Component	

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## 5 AllocationInstruction

Category: Allocation

### 5.1 Message Functionality

The Allocation Instruction message provides the ability to specify how an order or set of orders should be subdivided amongst one or more accounts. In versions of FIX prior to version 4.4, this same message was known as the Allocation message. Note in versions of FIX prior to version 4.4, the allocation message was also used to communicate fee and expense details from the Sellside to the Buyside. This role has now been removed from the Allocation Instruction and is now performed by the new (to version 4.4) Allocation Report and Confirmation messages. The Allocation Report message should be used for the Sell-side Initiated Allocation role as defined in previous versions of the protocol.

### 5.2 Structure

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Name	Mult.	Type	Description
StandardHeader	[1..1]	Component	MsgType = J
AllocID	[1..1]	String	Unique identifier for this allocation instruction message
AllocRequestID	[0..1]	String	May be used to link to a previously submitted AllocationInstructionAlertRequest(35=DU) message.
AllocTransType	[1..1]	CodeSet	
AllocType	[1..1]	CodeSet	Specifies the purpose or type of Allocation message
SecondaryAllocID	[0..1]	String	Optional second identifier for this allocation instruction (need not be unique)
RefAllocID	[0..1]	String	Required for AllocTransType = Replace or Cancel
AllocCancReplaceReason	[0..1]	CodeSet	Required for AllocTransType = Replace or Cancel. Gives the reason for replacing or cancelling the allocation instruction
AllocIntermedReqType	[0..1]	CodeSet	Required if AllocType = 8 (Request to Intermediary). Indicates status that is requested to be transmitted to counterparty by the intermediary (i.e. clearing house)

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Name	Mult.	Type	Description
AllocLinkID	[0..1]	String	Can be used to link two different Allocation messages (each with unique AllocID) together, i.e. for F/X "Netting" or "Swaps"
AllocLinkType	[0..1]	CodeSet	Can be used to link two different Allocation messages and identifies the type of link. Required if AllocLinkID is specified.
AllocGroupID	[0..1]	String	Group identifier assigned by the clearinghouse
FirmGroupID	[0..1]	String	Group identifier assigned by the firm.
BookingRefID	[0..1]	String	Can be used with AllocType=" Ready-To-Book "
AllocNoOrdersType	[0..1]	CodeSet	Indicates how the orders being booked and allocated by an AllocationInstruction or AllocationReport message are identified, e.g. by explicit definition in the OrdAllocGrp or ExecAllocGrp components, or not identified explicitly.
OrdAllocGrp	[0..*]	Group	Indicates number of orders to be combined for allocation. If order(s) were manually delivered set to 1 (one).Required when AllocNoOrdersType = 1
ExecAllocGrp	[0..*]	Group	Indicates number of individual execution or trade entries. Absence indicates that no individual execution or trade entries are included. Primarily used to support step-outs.
PreviouslyReported	[0..1]	CodeSet	
ReversalIndicator	[0..1]	Boolean	
MatchType	[0..1]	CodeSet	
Side	[1..1]	CodeSet	
Instrument	[1..1]	Component	Insert here the set of "Instrument" (symbology) fields defined in "Common Components of Application Messages". For NDFs fixing date and time can be optionally specified using MaturityDate and MaturityTime.
InstrumentExtension	[0..1]	Component	Insert here the set of "InstrumentExtension" fields defined in "Common Components of Application Messages"
FinancingDetails	[0..1]	Component	Insert here the set of "FinancingDetails" fields defined in "Common Components of Application Messages"
UndInstrmtGrp	[0..*]	Group	
InstrmtLegGrp	[0..*]	Group	

Name	Mult.	Type	Description
Quantity	[1..1]	Qty	Total quantity (e.g. number of shares) allocated to all accounts, or that is Ready-To-Book
QtyType	[0..1]	CodeSet	
AllocGroupSubQtyID	[0..1]	String	May be used as an alternative to attribute based subgrouping.
LastMkt	[0..1]	Exchange	Market of the executions.
TradeOriginationDate	[0..1]	LocalMktDate	
TradingSessionID	[0..1]	CodeSet	
TradingSessionSubID	[0..1]	CodeSet	
PriceType	[0..1]	CodeSet	
PriceQualifierGrp	[0..*]	Group	
AvgPx	[0..1]	Price	For FX orders, should be the "all-in" rate (spot rate adjusted for forward points), expressed in terms of Currency(15). For 3rd party allocations used to convey either basic price or averaged price. Optional for average price allocations in the listed derivatives markets where the central counterparty calculates and manages average price across an allocation group.
AvgParPx	[0..1]	Price	
SpreadOrBenchmarkCurveData	[0..1]	Component	Insert here the set of "SpreadOrBenchmarkCurveData" fields defined in "Common Components of Application Messages"
Currency	[0..1]	Currency	Currency of AvgPx. Should be the currency of the local market or exchange where the trade was conducted.
CurrencyCodeSource	[0..1]	CodeSet	
AvgPxPrecision	[0..1]	int	Absence of this field indicates that default precision arranged by the broker/institution is to be used
OffshoreIndicator	[0..1]	CodeSet	
Parties	[0..*]	Group	Insert here the set of "Parties" (firm identification) fields defined in "Common Components of Application Messages"
TradeDate	[1..1]	LocalMktDate	
TransactTime	[0..1]	UTCTimestamp	Date/time when allocation is generated
SettlType	[0..1]	CodeSet	

Name	Mult.	Type	Description
SettlDate	[0..1]	LocalMktDate	Takes precedence over SettlType value and conditionally required/omitted for specific SettlType values. Required for NDFs to specify the "value date".
BookingType	[0..1]	CodeSet	Method for booking. Used to provide notification that this is to be booked out as an OTC derivative (e.g. CFD or similar). Absence of this field implies regular booking.
GrossTradeAmt	[0..1]	Amt	Expressed in same currency as AvgPx(6). (Quantity(53) * AvgPx(6) or AvgParPx(860)) or sum of (AllocQty(80) * AllocAvgPx(153) or AllocPrice(366)). For Fixed Income, AvgParPx(860) is used when AvgPx(6) is not expressed as "percent of par" price.
Concession	[0..1]	Amt	
TotalTakedown	[0..1]	Amt	
NetMoney	[0..1]	Amt	Expressed in same currency as AvgPx. Sum of AllocNetMoney. For FX, if specified, expressed in terms of Currency(15).
PositionEffect	[0..1]	CodeSet	
AutoAcceptIndicator	[0..1]	Boolean	Indicates if Allocation has been automatically accepted on behalf of the Take-up Firm by the Clearing House
Text	[0..1]	String	
EncodedTextLen	[0..1]	Length	Must be set if EncodedText field is specified and must immediately precede it.
EncodedText	[0..1]	data	Encoded (non-ASCII characters) representation of the Text field in the encoded format specified via the MessageEncoding field.
NumDaysInterest	[0..1]	int	Applicable for Convertible Bonds and fixed income
AccruedInterestRate	[0..1]	Percentage	Applicable for Convertible Bonds and fixed income
AccruedInterestAmt	[0..1]	Amt	Applicable for Convertible Bonds and fixed income
TotalAccruedInterestAmt	[0..1]	Amt	
InterestAtMaturity	[0..1]	Amt	
EndAccruedInterestAmt	[0..1]	Amt	For repurchase agreements the accrued interest on termination.
StartCash	[0..1]	Amt	For repurchase agreements the start (dirty) cash consideration

Name	Mult.	Type	Description
EndCash	[0..1]	Amt	For repurchase agreements the end (dirty) cash consideration
LegalConfirm	[0..1]	CodeSet	
Stipulations	[0..*]	Group	
YieldData	[0..1]	Component	
RegulatoryTradeIDGrp	[0..*]	Group	
PositionAmountData	[0..*]	Group	Insert here here the set of "Position Amount Data" fields defined in "Common Components of Application Messages"
TotNoAllocs	[0..1]	int	Indicates total number of allocation groups (used to support fragmentation). Must equal the sum of all NoAllocs values across all message fragments making up this allocation instruction. Only required where message has been fragmented.
LastFragment	[0..1]	CodeSet	Indicates whether this is the last fragment in a sequence of message fragments. Only required where message has been fragmented.
AllocGrp	[0..*]	Group	Conditionally required except when AllocTransType = Cancel, or when AllocType = "Ready-to-book" or "Warehouse instruction"
AvgPxIndicator	[0..1]	CodeSet	Indicates if an allocation is to be average priced. Is also used to indicate if average price allocation group is complete or incomplete.
AvgPxGroupID	[0..1]	String	Firm designated group identifier for average pricing
ClearingBusinessDate	[0..1]	LocalMktDate	Indicates Clearing Business Date for which transaction will be settled.
TrdType	[0..1]	CodeSet	Indicates trade type of allocation. May be used as an alternative to AllocGroupSubQtyID(2974) for subgrouping.
TrdSubType	[0..1]	CodeSet	Indicates trade subtype of allocation.
SecondaryTrdType	[0..1]	CodeSet	
TertiaryTrdType	[0..1]	CodeSet	
TradePublishIndicator	[0..1]	CodeSet	May be used as an alternative to AllocGroupSubQtyID(2974) for subgrouping.
CustOrderHandlingInst	[0..1]	CodeSet	May be used as an alternative to AllocGroupSubQtyID(2974) for subgrouping.
TradeContinuation	[0..1]	CodeSet	
TradeContinuationText	[0..1]	String	

Name	Mult.	Type	Description
EncodedTradeContinuationTextLen	[0..1]	Length	Must be set if EncodedTradeContinuationText(2371) field is specified and must immediately precede it.
EncodedTradeContinuationText	[0..1]	data	Encoded (non-ASCII characters) representation of the TradeContinuationText(2374) field in the encoded format specified via the MessageEncoding(347) field.
CustOrderCapacity	[0..1]	CodeSet	Indicates CTI of original trade marked for allocation.
TradeInputSource	[0..1]	String	Indicates input source of original trade marked for allocation.
MultiLegReportingType	[0..1]	CodeSet	Indicates MultiLegReportType of original trade marked for allocation.
MessageEventSource	[0..1]	String	Used to identify the event or source which gave rise to a message.
RndPx	[0..1]	Price	Specifies the rounded price to quoted precision.
RateSource	[0..*]	Group	
VenueType	[0..1]	CodeSet	Used to identify on what kind of venue the trade originated when communicating with a party that may not have access to all trade details, e.g. a clearing organization.
RefRiskLimitCheckID	[0..1]	String	Conditionally required when RefRiskLimitCheckIDType(2335) is specified.
RefRiskLimitCheckIDType	[0..1]	CodeSet	Conditionally required when RefRiskLimitCheckID(2334) is specified.
RiskLimitCheckStatus	[0..1]	CodeSet	
StandardTrailer	[1..1]	Component	

## 6 AllocationInstructionAck

Category: Allocation

### 6.1 Message Functionality

In versions of FIX prior to version 4.4, this message was known as the Allocation ACK message.

The Allocation Instruction Ack message is used to acknowledge the receipt of and provide status for an Allocation Instruction message.

### 6.2 Structure

Name	Mult.	Type	Description
StandardHeader	[1..1]	Component	MsgType = P
AllocID	[1..1]	String	
AllocRequestID	[0..1]	String	May be used to link to a previously submitted AllocationInstructionAlertRequest(35=DU) message.
Instrument	[0..1]	Component	
Parties	[0..*]	Group	
SecondaryAllocID	[0..1]	String	Optional second identifier for the allocation instruction being acknowledged (need not be unique)
AllocGroupID	[0..1]	String	Group identifier assigned by the clearinghouse
FirmGroupID	[0..1]	String	Firm assigned entity identifier for the allocation
AvgPxGroupID	[0..1]	String	Firm designated group identifier for average pricing
TradeDate	[0..1]	LocalMktDate	
TransactTime	[0..1]	UTCTimestamp	Date/Time Allocation Instruction Ack generated
AllocStatus	[1..1]	CodeSet	Denotes the status of the allocation instruction; received (but not yet processed), rejected (at block or account level) or accepted (and processed).
AllocRejCode	[0..1]	CodeSet	Required for AllocStatus = 1 ( block level reject) and for AllocStatus 2 (account level reject) if the individual accounts and reject reasons are not provided in this message
AllocType	[0..1]	CodeSet	

Name	Mult.	Type	Description
AllocIntermedReqType	[0..1]	CodeSet	Required if AllocType = 8 (Request to Intermediary). Indicates status that is requested to be transmitted to counterparty by the intermediary (i.e. clearing house)
MatchStatus	[0..1]	CodeSet	Denotes whether the financial details provided on the Allocation Instruction were successfully matched.
Text	[0..1]	String	Can include explanation for AllocRejCode = 7 (other)
EncodedTextLen	[0..1]	Length	Must be set if EncodedText(355) field is specified and must immediately precede it.
EncodedText	[0..1]	data	Encoded (non-ASCII characters) representation of the Text(58) field in the encoded format specified via the MessageEncoding(347) field.
RejectText	[0..1]	String	
EncodedRejectTextLen	[0..1]	Length	Must be set if EncodedRejectText(1665) field is specified and must immediately precede it.
EncodedRejectText	[0..1]	data	Encoded (non-ASCII characters) representation of the RejectText(1328) field in the encoded format specified via the MessageEncoding(347) field.
RegulatoryTradeIDGrp	[0..*]	Group	
AllocAckGrp	[0..*]	Group	This repeating group is optionally used for messages with AllocStatus = 2 (account level reject) to provide details of the individual accounts that caused the rejection, together with reject reasons. This group should not be populated when AllocStatus has any other value. Indicates number of allocation groups to follow.
StandardTrailer	[1..1]	Component	



## 7 AllocationInstructionAlert

Category: Allocation

### 7.1 Message Functionality

This message is used in a 3-party allocation model (buy-side and sell-side using a central clearing entity) where notification of group creation and group updates to counterparties is needed. The message will also carry trade information that comprised the group to the counterparties.

### 7.2 Structure

Name	Mult.	Type	Description
StandardHeader	[1..1]	Component	MsgType = BM
AllocID	[1..1]	String	Unique identifier for this allocation instruction alert message
AllocTransType	[1..1]	CodeSet	
AllocType	[1..1]	CodeSet	Specifies the purpose or type of Allocation message
AllocRequestID	[0..1]	String	Identifier of the request this message is responding to when responding to an AllocationInstructionAlertRequest(35=DU).
SecondaryAllocID	[0..1]	String	Optional second identifier for this allocation instruction (need not be unique)
RefAllocID	[0..1]	String	Required for AllocTransType = Replace or Cancel
AllocCancReplaceReason	[0..1]	CodeSet	Required for AllocTransType = Replace or Cancel. Gives the reason for replacing or cancelling the allocation instruction
AllocIntermedReqType	[0..1]	CodeSet	Required if AllocType = 8 (Request to Intermediary). Indicates status that is requested to be transmitted to counterparty by the intermediary (i.e. clearing house)
AllocLinkID	[0..1]	String	Can be used to link two different Allocation messages (each with unique AllocID) together, i.e. for F/X "Netting" or "Swaps"
AllocLinkType	[0..1]	CodeSet	Can be used to link two different Allocation messages and identifies the type of link. Required if AllocLinkID is specified.

Name	Mult.	Type	Description
AllocGroupID	[0..1]	String	Group identifier assigned by the clearinghouse
FirmGroupID	[0..1]	String	Firm assigned entity identifier for the allocation
BookingRefID	[0..1]	String	Can be used with AllocType=" Ready-To-Book "
AllocNoOrdersType	[0..1]	CodeSet	Indicates how the orders being booked and allocated by an Allocation Instruction or Allocation Report message are identified, e.g. by explicit definition in the OrdAllocGrp or ExecAllocGrp components , or not identified explicitly.
OrdAllocGrp	[0..*]	Group	Indicates number of orders to be combined for allocation. If order(s) were manually delivered set to 1 (one).Required when AllocNoOrdersType = 1
ExecAllocGrp	[0..*]	Group	Indicates number of individual execution or trade entries. Absence indicates that no individual execution or trade entries are included. Primarily used to support step-outs.
PreviouslyReported	[0..1]	CodeSet	
ReversalIndicator	[0..1]	Boolean	
MatchType	[0..1]	CodeSet	
Side	[1..1]	CodeSet	
Instrument	[1..1]	Component	Insert here the set of "Instrument" (symbology) fields defined in "common components of application messages"
InstrumentExtension	[0..1]	Component	Insert here the set of "InstrumentExtension" fields defined in "common components of application messages"
FinancingDetails	[0..1]	Component	Insert here the set of "FinancingDetails" fields defined in "common components of application messages"
UndInstrmtGrp	[0..*]	Group	
InstrmtLegGrp	[0..*]	Group	

Name	Mult.	Type	Description
Quantity	[0..1]	Qty	When not using allocation groups, this is the total quantity (e.g. number of shares) allocated to all accounts, or that is Ready-To-Book. When using allocation groups, this is the quantity added or removed when trades are added to or removed from an allocation group. To remove quantity from the allocation group a negative value is specified in Quantity(53). When the allocation group quantity is unchanged, such as when AllocType(626) changes from 12(Incomplete group) to 13(Complete group) , the value for Quantity(53) should be zero (0).
QtyType	[0..1]	CodeSet	
AllocGroupQuantity	[0..1]	Qty	
AllocGroupRemainingQuantity	[0..1]	Qty	
AllocGroupSubQtyGrp	[0..*]	Group	
GroupAmount	[0..1]	Amt	
GroupRemainingAmount	[0..1]	Amt	
LastMkt	[0..1]	Exchange	Market of the executions.
TradeOriginationDate	[0..1]	LocalMktDate	
TradingSessionID	[0..1]	CodeSet	
TradingSessionSubID	[0..1]	CodeSet	
PriceType	[0..1]	CodeSet	
PriceQualifierGrp	[0..*]	Group	
AvgPx	[0..1]	Price	For F/X orders, should be the "all-in" rate (spot rate adjusted for forward points). For 3rd party allocations used to convey either basic price or averaged price. Optional for average price allocations in the listed derivatives markets where the central counterparty calculates and manages average price across an allocation group.
AvgParPx	[0..1]	Price	
HighPx	[0..1]	Price	Maybe used to indicate the highest price within the specified allocation group.
LowPx	[0..1]	Price	Maybe used to indicate the lowest price within the specified allocation group.
SpreadOrBenchmarkCurveData	[0..1]	Component	Insert here the set of "SpreadOrBenchmarkCurveData" fields defined in "common components of application messages"

Name	Mult.	Type	Description
Currency	[0..1]	Currency	Currency of AvgPx. Should be the currency of the local market or exchange where the trade was conducted.
CurrencyCodeSource	[0..1]	CodeSet	
AvgPxPrecision	[0..1]	int	Absence of this field indicates that default precision arranged by the broker/institution is to be used
Parties	[0..*]	Group	Insert here the set of "Parties" (firm identification) fields defined in "common components of application messages"
TradeDate	[1..1]	LocalMktDate	
TransactTime	[0..1]	UTCTimestamp	Date/time when allocation is generated
AllocStatus	[0..1]	CodeSet	Identifies status of allocation.
SettlType	[0..1]	CodeSet	
SettlDate	[0..1]	LocalMktDate	Takes precedence over SettlType value and conditionally required/omitted for specific SettlType values.
BookingType	[0..1]	CodeSet	Method for booking. Used to provide notification that this is to be booked out as an OTC derivative (e.g. CFD or similar). Absence of this field implies regular booking.
GrossTradeAmt	[0..1]	Amt	Expressed in same currency as AvgPx. Sum of (AllocQty * AllocAvgPx or AllocPrice).
Concession	[0..1]	Amt	
TotalTakedown	[0..1]	Amt	
NetMoney	[0..1]	Amt	Expressed in same currency as AvgPx. Sum of AllocNetMoney.
PositionEffect	[0..1]	CodeSet	
AutoAcceptIndicator	[0..1]	Boolean	Indicates if Allocation has been automatically accepted on behalf of the Carry Firm by the Clearing House
Text	[0..1]	String	
EncodedTextLen	[0..1]	Length	Must be set if EncodedText field is specified and must immediately precede it.
EncodedText	[0..1]	data	Encoded (non-ASCII characters) representation of the Text field in the encoded format specified via the MessageEncoding field.
NumDaysInterest	[0..1]	int	Applicable for Convertible Bonds and fixed income

Name	Mult.	Type	Description
AccruedInterestRate	[0..1]	Percentage	Applicable for Convertible Bonds and fixed income
AccruedInterestAmt	[0..1]	Amt	Applicable for Convertible Bonds and fixed income (REMOVED FROM THIS LOCATION AS OF FIX 4.4, REPLACED BY AllocAccruedInterest)
TotalAccruedInterestAmt	[0..1]	Amt	(Deprecated) use AccruedInterestAmt Sum of AccruedInterestAmt within repeating group.
InterestAtMaturity	[0..1]	Amt	
EndAccruedInterestAmt	[0..1]	Amt	For repurchase agreements the accrued interest on termination.
StartCash	[0..1]	Amt	For repurchase agreements the start (dirty) cash consideration
EndCash	[0..1]	Amt	For repurchase agreements the end (dirty) cash consideration
LegalConfirm	[0..1]	CodeSet	
Stipulations	[0..*]	Group	
YieldData	[0..1]	Component	
PositionAmountData	[0..*]	Group	Insert here here the set of "Position Amount Data" fields defined in "Common Components of Application Messages"
TotNoAllocs	[0..1]	int	Indicates total number of allocation groups (used to support fragmentation). Must equal the sum of all NoAllocs values across all message fragments making up this allocation instruction. Only required where message has been fragmented.
LastFragment	[0..1]	CodeSet	Indicates whether this is the last fragment in a sequence of message fragments. Only required where message has been fragmented.
AllocGrp	[0..*]	Group	Indicates number of allocation groups to follow. Not required for AllocTransType=Cancel. Not required for AllocType=" Ready-To-Book " or "Warehouse instruction".
AvgPxIndicator	[0..1]	CodeSet	Indicates if an allocation is to be average priced. Is also used to indicate if average price allocation group is complete or incomplete.
AvgPxGroupID	[0..1]	String	Firm designated group identifier for average pricing.
ClearingBusinessDate	[0..1]	LocalMktDate	Indicates Clearing Business Date for which transaction will be settled.
TrdType	[0..1]	CodeSet	Indicates trade type of allocation.

<b>Name</b>	<b>Mult.</b>	<b>Type</b>	<b>Description</b>
TrdSubType	[0..1]	CodeSet	Indicates trade subtype of allocation.
SecondaryTrdType	[0..1]	CodeSet	
TertiaryTrdType	[0..1]	CodeSet	
CustOrderCapacity	[0..1]	CodeSet	Indicates CTI of original trade marked for allocation.
TradeInputSource	[0..1]	String	Indicates input source of original trade marked for allocation.
MultiLegReportingType	[0..1]	CodeSet	Indicates MultiLegReportType of original trade marked for allocation.
MessageEventSource	[0..1]	String	Used to identify the event or source which gave rise to a message.
RndPx	[0..1]	Price	Specifies the rounded price to quoted precision.
CustOrderHandlingInst	[0..1]	CodeSet	
OrderHandlingInstSource	[0..1]	CodeSet	
StandardTrailer	[1..1]	Component	

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## 8 AllocationInstructionAlertRequest

Category: Allocation

### 8.1 Message Functionality

This message is used in a clearinghouse 3-party allocation model to request for AllocationInstructionAlert(35=BM) from the clearinghouse. The request may be used to obtain a one-time notification of the status of an allocation group.

### 8.2 Structure

---

Name	Mult.	Type	Description
StandardHeader	[1..1]	Component	MsgType(35)=DU
AllocRequestID	[0..1]	String	Unique identifier for this message. If used, other allocation messages may link to the request through this field.
AllocGroupID	[0..1]	String	
AvgPxGroupID	[0..1]	String	
TradeDate	[0..1]	LocalMktDate	
Parties	[0..*]	Group	
StandardTrailer	[1..1]	Component	

---

## 9 AllocationInstructionAlertRequestAck

Category: Allocation

### 9.1 Message Functionality

This message is used in a clearinghouse 3-party allocation model to acknowledge a AllocationInstructionAlertRequest(35=DU) message for an AllocationInstructionAlert(35=BM) message from the clearinghouse.

### 9.2 Structure

---

Name	Mult.	Type	Description
StandardHeader	[1..1]	Component	MsgType=DV
AllocRequestID	[1..1]	String	Used when responding to an AllocationInstructionAlertRequest(35=DU).
AllocRequestStatus	[1..1]	CodeSet	
RejectText	[0..1]	String	May be used to further describe rejection reasons when AllocRequestStatus(2768)=1 (Rejected).
EncodedRejectTextLen	[0..1]	Length	Must be set if EncodedRejectText(1665) field is specified and must immediately precede it.
EncodedRejectText	[0..1]	data	Encoded (non-ASCII characters) representation of the RejectText(1328) field in the encoded format specified via the MessageEncoding(347) field.
StandardTrailer	[1..1]	Component	

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## 10 AllocationReport

Category: Allocation

### 10.1 Message Functionality

Sent from sell-side to buy-side, sell-side to 3rd-party or 3rd-party to buy-side, the Allocation Report (Claim) provides account breakdown of an order or set of orders plus any additional follow-up front-office information developed post-trade during the trade allocation, matching and calculation phase. In versions of FIX prior to version 4.4, this functionality was provided through the Allocation message. Depending on the needs of the market and the timing of "confirmed" status, the role of Allocation Report can be taken over in whole or in part by the Confirmation message.

### 10.2 Structure

Name	Mult.	Type	Description
StandardHeader	[1..1]	Component	MsgType = AS
AllocReportID	[1..1]	String	Unique identifier for this message
AllocID	[0..1]	String	
AllocRequestID	[0..1]	String	May be used to link to a previously submitted AllocationInstructionAlertRequest(35=DU).
AllocTransType	[1..1]	CodeSet	
AllocReportRefID	[0..1]	String	Required for AllocTransType = Replace or Cancel
AllocCancReplaceReason	[0..1]	CodeSet	Required for AllocTransType = Replace or Cancel. Gives the reason for replacing or cancelling the allocation report
SecondaryAllocID	[0..1]	String	Optional second identifier for this allocation instruction (need not be unique)
AllocGroupID	[0..1]	String	Group identifier assigned by the clearinghouse
PreviousAllocGroupID	[0..1]	String	May be used to identify the previous AllocGroupID(1730) being changed by this message when AllocGroupStatus(2767)=3 (Changed).
GroupAmount	[0..1]	Amt	
AllocGroupStatus	[0..1]	CodeSet	
FirmGroupID	[0..1]	String	Firm assigned entity identifier for the allocation

Name	Mult.	Type	Description
AllocReportType	[1..1]	CodeSet	Specifies the purpose or type of Allocation Report message
AllocStatus	[1..1]	CodeSet	
AllocRejCode	[0..1]	CodeSet	Required for AllocStatus = 1 (rejected)
RefAllocID	[0..1]	String	Required for AllocTransType = Replace or Cancel
AllocReversalStatus	[0..1]	CodeSet	Can be used for reporting on status of reversal transaction when AllocReportType(794) is 18 (Alleged reversal) or 17 (Reversal).
AllocIntermedReqType	[0..1]	CodeSet	Required if AllocReportType = 8 (Request to Intermediary). Indicates status that is requested to be transmitted to counterparty by the intermediary (i.e. clearing house)
AllocLinkID	[0..1]	String	Can be used to link two different Allocation messages (each with unique AllocID) together, i.e. for F/X "Netting" or "Swaps"
AllocLinkType	[0..1]	CodeSet	Can be used to link two different Allocation messages and identifies the type of link. Required if AllocLinkID is specified.
BookingRefID	[0..1]	String	
ClearingBusinessDate	[0..1]	LocalMktDate	Indicates Clearing Business Date for which transaction will be settled.
TrdType	[0..1]	CodeSet	Indicates trade type of allocation.
TrdSubType	[0..1]	CodeSet	Indicates trade subtype of allocation.
SecondaryTrdType	[0..1]	CodeSet	
TertiaryTrdType	[0..1]	CodeSet	
TradeContinuation	[0..1]	CodeSet	
TradeContinuationText	[0..1]	String	
EncodedTradeContinuationTextLen	[0..1]	Length	Must be set if EncodedTradeContinuationText(2371) field is specified and must immediately precede it.
EncodedTradeContinuationText	[0..1]	data	Encoded (non-ASCII characters) representation of the TradeContinuationText(2374) field in the encoded format specified via the MessageEncoding(347) field.
MultiLegReportingType	[0..1]	CodeSet	Indicates MultiLegReportType of original trade marked for allocation.
CustOrderCapacity	[0..1]	CodeSet	Indicates CTI of original trade marked for allocation.

<b>Name</b>	<b>Mult.</b>	<b>Type</b>	<b>Description</b>
TradeInputSource	[0..1]	String	Indicates input source of original trade marked for allocation.
RndPx	[0..1]	Price	Specifies the rounded price to quoted precision.
MessageEventSource	[0..1]	String	Used to identify the event or source which gave rise to a message.
TradeInputDevice	[0..1]	String	Specific device number, terminal number or station where trade was entered
AvgPxIndicator	[0..1]	CodeSet	Indicates if an allocation is to be average priced. Is also used to indicate if average price allocation group is complete or incomplete.
AvgPxGroupID	[0..1]	String	Firm designated group identifier for average pricing
AllocNoOrdersType	[0..1]	CodeSet	Indicates how the orders being booked and allocated by an AllocationInstruction or AllocationReport message are identified, e.g. by explicit definition in the OrdAllocGrp or ExecAllocGrp components, or not identified explicitly.
OrdAllocGrp	[0..*]	Group	Indicates number of orders to be combined for allocation. If order(s) were manually delivered set to 1 (one). Required when AllocNoOrdersType = 1
ExecAllocGrp	[0..*]	Group	Indicates number of individual execution or trade entries. Absence indicates that no individual execution or trade entries are included. Primarily used to support step-outs.
PreviouslyReported	[0..1]	CodeSet	
ReversalIndicator	[0..1]	Boolean	
MatchType	[0..1]	CodeSet	
Side	[1..1]	CodeSet	
Instrument	[1..1]	Component	Insert here the set of "Instrument" (symbology) fields defined in "Common Components of Application Messages". For NDFs, fixing date (specified in MaturityDate(541)) is required. Fixing time (specified in MaturityTime(1079)) is optional.
InstrumentExtension	[0..1]	Component	Insert here the set of "InstrumentExtension" fields defined in "Common Components of Application Messages"
FinancingDetails	[0..1]	Component	Insert here the set of "FinancingDetails" fields defined in "Common Components of Application Messages"

Name	Mult.	Type	Description
UndInstrmtGrp	[0..*]	Group	
InstrmtLegGrp	[0..*]	Group	
Quantity	[1..1]	Qty	Total quantity (e.g. number of shares) allocated to all accounts, or that is Ready-To-Book
QtyType	[0..1]	CodeSet	
AllocGroupQuantity	[0..1]	Qty	
AllocGroupRemainingQuantity	[0..1]	Qty	
LastMkt	[0..1]	Exchange	Market of the executions.
TradeOriginationDate	[0..1]	LocalMktDate	
TradingSessionID	[0..1]	CodeSet	
TradingSessionSubID	[0..1]	CodeSet	
PriceType	[0..1]	CodeSet	
PriceQualifierGrp	[0..*]	Group	
AvgPx	[1..1]	Price	For FX orders, should be the "all-in" rate (spot rate adjusted for forward points), expressed in terms of Currency(15).
AvgParPx	[0..1]	Price	
SpreadOrBenchmarkCurveData	[0..1]	Component	Insert here the set of "SpreadOrBenchmarkCurveData" fields defined in "Common Components of Application Messages"
Currency	[0..1]	Currency	Currency of AvgPx. Should be the currency of the local market or exchange where the trade was conducted.
CurrencyCodeSource	[0..1]	CodeSet	
AvgPxPrecision	[0..1]	int	Absence of this field indicates that default precision arranged by the broker/institution is to be used
Parties	[0..*]	Group	Insert here the set of "Parties" (firm identification) fields defined in "Common Components of Application Messages"
TradeDate	[1..1]	LocalMktDate	
TransactTime	[0..1]	UTCTimestamp	Date/time when allocation is generated
SettlType	[0..1]	CodeSet	
SettlDate	[0..1]	LocalMktDate	Takes precedence over SettlType value and conditionally required/omitted for specific SettlType values. Required for NDFs to specify the "value date".

Name	Mult.	Type	Description
BookingType	[0..1]	CodeSet	Method for booking. Used to provide notification that this is to be booked out as an OTC derivative (e.g. CFD or similar). Absence of this field implies regular booking.
GrossTradeAmt	[0..1]	Amt	Expressed in same currency as AvgPx(6). (Quantity(53) * AvgPx(6) or AvgParPx(860)) or sum of (AllocQty(80) * AllocAvgPx(153) or AllocPrice(366)). For Fixed Income, AvgParPx(860) is used when AvgPx(6) is not expressed as "percent of par" price.
Concession	[0..1]	Amt	
TotalTakedown	[0..1]	Amt	
NetMoney	[0..1]	Amt	Expressed in same currency as AvgPx. Sum of AllocNetMoney. For FX expressed in terms of Currency(15).
PositionEffect	[0..1]	CodeSet	
AutoAcceptIndicator	[0..1]	Boolean	Indicates if Allocation has been automatically accepted on behalf of the Carry Firm by the Clearing House
Text	[0..1]	String	
EncodedTextLen	[0..1]	Length	Must be set if EncodedText field is specified and must immediately precede it.
EncodedText	[0..1]	data	Encoded (non-ASCII characters) representation of the Text field in the encoded format specified via the MessageEncoding field.
NumDaysInterest	[0..1]	int	Applicable for Convertible Bonds and fixed income
AccruedInterestRate	[0..1]	Percentage	Applicable for Convertible Bonds and fixed income
AccruedInterestAmt	[0..1]	Amt	Sum of AllocAccruedInterestAmt within repeating group.
TotalAccruedInterestAmt	[0..1]	Amt	
InterestAtMaturity	[0..1]	Amt	
EndAccruedInterestAmt	[0..1]	Amt	For repurchase agreements the accrued interest on termination.
StartCash	[0..1]	Amt	For repurchase agreements the start (dirty) cash consideration
EndCash	[0..1]	Amt	For repurchase agreements the end (dirty) cash consideration
LegalConfirm	[0..1]	CodeSet	
Stipulations	[0..*]	Group	

Name	Mult.	Type	Description
YieldData	[0..1]	Component	
RegulatoryTradeIDGrp	[0..*]	Group	
PositionAmountData	[0..*]	Group	Insert here here the set of "Position Amount Data" fields defined in "Common Components of Application Messages"
CustOrderHandlingInst	[0..1]	CodeSet	
OrderHandlingInstSource	[0..1]	CodeSet	
TotNoAllocs	[0..1]	int	Indicates total number of allocation groups (used to support fragmentation). Must equal the sum of all NoAllocs values across all message fragments making up this allocation instruction. Only required where message has been fragmented.
LastFragment	[0..1]	CodeSet	Indicates whether this is the last fragment in a sequence of message fragments. Only required where message has been fragmented.
AllocGrp	[0..*]	Group	Conditionally required except when AllocTransType = Cancel, or when AllocType = "Ready-to-book" or "Warehouse instruction"
RateSource	[0..*]	Group	
VenueType	[0..1]	CodeSet	Used to identify on what kind of venue the trade originated when communicating with a party that may not have access to all trade details, e.g. a clearing organization.
RefRiskLimitCheckID	[0..1]	String	Conditionally required when RefRiskLimitCheckIDType(2335) is specified.
RefRiskLimitCheckIDType	[0..1]	CodeSet	Conditionally required when RefRiskLimitCheckID(2334) is specified.
RiskLimitCheckStatus	[0..1]	CodeSet	
StandardTrailer	[1..1]	Component	

## 11 AllocationReportAck

Category: Allocation

### 11.1 Message Functionality

The Allocation Report Ack message is used to acknowledge the receipt of and provide status for an Allocation Report message.

### 11.2 Structure

Name	Mult.	Type	Description
StandardHeader	[1..1]	Component	MsgType = AT
AllocReportID	[1..1]	String	
AllocID	[0..1]	String	
AllocRequestID	[0..1]	String	May be used to link to a previously submitted AllocationInstructionAlertRequest(35=DU) message.
ClearingBusinessDate	[0..1]	LocalMktDate	Indicates Clearing Business Date for which transaction will be settled.
AvgPxIndicator	[0..1]	CodeSet	Indicates if an allocation is to be average priced. Is also used to indicate if average price allocation group is complete or incomplete.
Quantity	[0..1]	Qty	
AllocTransType	[0..1]	CodeSet	
Instrument	[0..1]	Component	
Parties	[0..*]	Group	
SecondaryAllocID	[0..1]	String	Optional second identifier for the allocation report being acknowledged (need not be unique)
AllocGroupID	[0..1]	String	Group identifier assigned by the clearinghouse
FirmGroupID	[0..1]	String	Firm assigned entity identifier for the allocation
AvgPxGroupID	[0..1]	String	Firm designated group identifier for average pricing
TradeDate	[0..1]	LocalMktDate	
TransactTime	[0..1]	UTCTimestamp	Date/Time Allocation Report Ack generated

Name	Mult.	Type	Description
AllocStatus	[0..1]	CodeSet	Denotes the status of the allocation report; received (but not yet processed), rejected (at block or account level) or accepted (and processed). AllocStatus will be conditionally required in a 2-party model when used by a counterparty to convey a change in status. It will be optional in a 3-party model in which only the central counterparty may issue the status of an allocation
AllocRejCode	[0..1]	CodeSet	Required for AllocStatus = 1 ( block level reject) and for AllocStatus 2 (account level reject) if the individual accounts and reject reasons are not provided in this message
AllocReportType	[0..1]	CodeSet	
AllocIntermedReqType	[0..1]	CodeSet	Required if AllocReportType = 8 (Request to Intermediary). Indicates status that is requested to be transmitted to counterparty by the intermediary (i.e. clearing house)
MatchStatus	[0..1]	CodeSet	Denotes whether the financial details provided on the Allocation Report were successfully matched.
CustOrderHandlingInst	[0..1]	CodeSet	
OrderHandlingInstSource	[0..1]	CodeSet	
Text	[0..1]	String	Can include explanation for AllocRejCode = 7 (other)
EncodedTextLen	[0..1]	Length	Must be set if EncodedText(355) field is specified and must immediately precede it.
EncodedText	[0..1]	data	Encoded (non-ASCII characters) representation of the Text(58) field in the encoded format specified via the MessageEncoding(347) field.
RejectText	[0..1]	String	
EncodedRejectTextLen	[0..1]	Length	EncodedRejectText(1665) field is specified and must immediately precede it.
EncodedRejectText	[0..1]	data	Encoded (non-ASCII characters) representation of the RejectText(1328) field in the encoded format specified via the MessageEncoding(347) field.
RegulatoryTradeIDGrp	[0..*]	Group	



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<b>Name</b>	<b>Mult.</b>	<b>Type</b>	<b>Description</b>
<b>AllocAckGrp</b>	[0..*]	Group	This repeating group is optionally used for messages with AllocStatus = 2 (account level reject) to provide details of the individual accounts that caused the rejection, together with reject reasons. This group should not be populated where AllocStatus has any other value. Indicates number of allocation groups to follow.
<b>StandardTrailer</b>	[1..1]	Component	

---

## 12 ApplicationMessageReport

Category: Application

### 12.1 Message Functionality

This message is used for three different purposes: to reset the ApplSeqNum (1181) of a specified ApplID (1180), to indicate that the last message has been sent for a particular ApplID, or as a keep-alive mechanism for ApplIDs with infrequent message traffic.

### 12.2 Structure

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Name	Mult.	Type	Description
StandardHeader	[1..1]	Component	MsgType = BY
ApplReportID	[1..1]	String	Identifier for the Application Message Report
ApplReqID	[0..1]	String	If the application message report is generated in response to an ApplicationMessageRequest(MsgType=BW), then this tag contains the ApplReqID(1346) of that request.
ApplReportType	[1..1]	CodeSet	Type of report
ApplIDReportGrp	[0..*]	Group	
Text	[0..1]	String	
EncodedTextLen	[0..1]	Length	
EncodedText	[0..1]	data	
StandardTrailer	[1..1]	Component	

---

## 13 ApplicationMessageRequest

Category: Application

### 13.1 Message Functionality

This message is used to request a retransmission of a set of one or more messages generated by the application specified in RefApplID (1355).

### 13.2 Structure

---

Name	Mult.	Type	Description
StandardHeader	[1..1]	Component	MsgType = BW
ApplReqID	[1..1]	String	Unique identifier for request
ApplReqType	[1..1]	CodeSet	Type of Application Message Request being made
ApplIDRequestGrp	[0..*]	Group	
Parties	[0..*]	Group	
Text	[0..1]	String	Allows user to provide reason for request
EncodedTextLen	[0..1]	Length	
EncodedText	[0..1]	data	
StandardTrailer	[1..1]	Component	

---

## 14 ApplicationMessageRequestAck

Category: Application

### 14.1 Message Functionality

This message is used to acknowledge an Application Message Request providing a status on the request (i.e. whether successful or not). This message does not provide the actual content of the messages to be resent.

### 14.2 Structure

---

Name	Mult.	Type	Description
StandardHeader	[1..1]	Component	MsgType = BX
ApplResponseID	[1..1]	String	Identifier for the Application Message Request Ack
ApplReqID	[0..1]	String	Identifier of the request associated with this ACK message
ApplReqType	[0..1]	CodeSet	
ApplResponseType	[0..1]	CodeSet	
ApplTotalMessageCount	[0..1]	int	Total number of messages included in transmission
ApplIDRequestAckGrp	[0..*]	Group	
Parties	[0..*]	Group	
Text	[0..1]	String	
EncodedTextLen	[0..1]	Length	
EncodedText	[0..1]	data	
StandardTrailer	[1..1]	Component	

---

## 15 AssignmentReport

Category: PositionMaintenance

### 15.1 Message Functionality

Assignment Reports are sent from a clearing house to counterparties, such as a clearing firm as a result of the assignment process.

### 15.2 Structure

Name	Mult.	Type	Description
StandardHeader	[1..1]	Component	MsgType = AW
ApplicationSequenceControl	[0..1]	Component	
AsgnRptID	[1..1]	String	Unique identifier for the Assignment report
PosReqID	[0..1]	String	If specified,the identifier of the RequestForPositions(MsgType=AN) to which this message is sent in response.
TotNumAssignmentReports	[0..1]	int	Total Number of Assignment Reports being returned to a firm
LastRptRequested	[0..1]	CodeSet	
Parties	[1..*]	Group	Clearing Organization. Clearing Firm. Contra Clearing Organization. Contra Clearing Firm. Position Account
Account	[0..1]	String	Customer Account
AccountType	[0..1]	CodeSet	Type of account associated with the order (Origin)
Instrument	[0..1]	Component	CFI Code - Market Indicator (col 4) used to indicate Market of Assignment
Currency	[0..1]	Currency	
CurrencyCodeSource	[0..1]	CodeSet	
InstrmtLegGrp	[0..*]	Group	Number of legs that make up the Security
UndInstrmtGrp	[0..*]	Group	Number of legs that make up the Security
PositionQty	[0..*]	Group	Insert here here the set of "PositionQty" fields defined in "Common Components of Application Messages."

<b>Name</b>	<b>Mult.</b>	<b>Type</b>	<b>Description</b>
PositionAmountData	[0..*]	Group	Insert here the set of "PositionAmountData" fields defined in "Common Components of Application Messages."
ThresholdAmount	[0..1]	PriceOffset	
SettlPrice	[0..1]	Price	Settlement Price of Option
SettlPriceType	[0..1]	CodeSet	Values = Final, Theoretical
UnderlyingSettlPrice	[0..1]	Price	Settlement Price of Underlying
PriorSettlPrice	[0..1]	Price	
PositionContingentPrice	[0..1]	Price	
ExpireDate	[0..1]	LocalMktDate	Expiration Date of Option
AssignmentMethod	[0..1]	CodeSet	Method under which assignment was conducted
AssignmentUnit	[0..1]	Qty	Quantity Increment used in performing assignment
OpenInterest	[0..1]	Amt	Open interest that was eligible for assignment
ExerciseMethod	[0..1]	CodeSet	Exercise Method used to in performing assignment. Values = Automatic, Manual
SettlSessID	[0..1]	CodeSet	
SettlSessSubID	[0..1]	String	
ClearingBusinessDate	[1..1]	LocalMktDate	Business date of assignment
Text	[0..1]	String	
EncodedTextLen	[0..1]	Length	Must be set if EncodedText field is specified and must immediately precede it.
EncodedText	[0..1]	data	Encoded (non-ASCII characters) representation of the Text field in the encoded format specified via the MessageEncoding field.
StandardTrailer	[1..1]	Component	

## 16 BidRequest

Category: ProgramTrading

### 16.1 Message Functionality

The BidRequest Message can be used in one of two ways depending on which market conventions are being followed.

In the "Non disclosed" convention (e.g. US/European model) the BidRequest message can be used to request a bid based on the sector, country, index and liquidity information contained within the message itself. In the "Non disclosed" convention the entry repeating group is used to define liquidity of the program. See " Program/Basket/List Trading" for an example.

In the "Disclosed" convention (e.g. Japanese model) the BidRequest message can be used to request bids based on the ListOrderDetail messages sent in advance of BidRequest message. In the "Disclosed" convention the list repeating group is used to define which ListOrderDetail messages a bid is being sort for and the directions of the required bids.

### 16.2 Structure

---

Name	Mult.	Type	Description
StandardHeader	[1..1]	Component	MsgType = k (lowercase)
BidID	[0..1]	String	Required to relate the bid response
ClientBidID	[1..1]	String	
BidRequestTransType	[1..1]	CodeSet	Identifies the Bid Request message transaction type
ListName	[0..1]	String	
TotNoRelatedSym	[1..1]	int	
BidType	[1..1]	CodeSet	e.g. "Non Disclosed", "Disclosed", No Bidding Process
NumTickets	[0..1]	int	Total number of tickets/allocations assuming fully executed
Currency	[0..1]	Currency	Used to represent the currency of monetary amounts.
CurrencyCodeSource	[0..1]	CodeSet	
SideValue1	[0..1]	Amt	Expressed in Currency
SideValue2	[0..1]	Amt	Expressed in Currency

---

Name	Mult.	Type	Description
BidDescReqGrp	[0..*]	Group	Used if BidType="Non Disclosed"
BidCompReqGrp	[0..*]	Group	Used if BidType="Disclosed"
LiquidityIndType	[0..1]	CodeSet	
WtAverageLiquidity	[0..1]	Percentage	Overall weighted average liquidity expressed as a % of average daily volume
ExchangeForPhysical	[0..1]	CodeSet	
OutMainCntryUIndex	[0..1]	Amt	% value of stocks outside main country in Currency
CrossPercent	[0..1]	Percentage	% of program that crosses in Currency
ProgRptReqs	[0..1]	CodeSet	
ProgPeriodInterval	[0..1]	int	Time in minutes between each ListStatus report sent by SellSide. Zero means don't send status.
IncTaxInd	[0..1]	CodeSet	Net/Gross
ForexReq	[0..1]	CodeSet	Is foreign exchange required
NumBidders	[0..1]	int	Indicates the total number of bidders on the list
TradeDate	[0..1]	LocalMktDate	
BidTradeType	[1..1]	CodeSet	
BasisPxType	[1..1]	CodeSet	
StrikeTime	[0..1]	UTCTimestamp	Used when BasisPxType = "C"
Text	[0..1]	String	
EncodedTextLen	[0..1]	Length	Must be set if EncodedText field is specified and must immediately precede it.
EncodedText	[0..1]	data	Encoded (non-ASCII characters) representation of the Text field in the encoded format specified via the MessageEncoding field.
StandardTrailer	[1..1]	Component	



## 17 BidResponse

Category: ProgramTrading

### 17.1 Message Functionality

The Bid Response message can be used in one of two ways depending on which market conventions are being followed.

In the "Non disclosed" convention the Bid Response message can be used to supply a bid based on the sector, country, index and liquidity information contained within the corresponding bid request message. See "Program/Basket/List Trading" for an example.

In the "Disclosed" convention the Bid Response message can be used to supply bids based on the List Order Detail messages sent in advance of the corresponding Bid Request message.

### 17.2 Structure

---

Name	Mult.	Type	Description
StandardHeader	[1..1]	Component	MsgType = l (lowercase L)
BidID	[0..1]	String	
ClientBidID	[0..1]	String	
BidCompRspGrp	[1..*]	Group	Number of bid repeating groups
StandardTrailer	[1..1]	Component	

---

## 18 BusinessMessageReject

Category: BusinessReject

### 18.1 Message Functionality

The Business Message Reject message can reject an application-level message which fulfills session-level rules and cannot be rejected via any other means. Note if the message fails a session-level rule (e.g. body length is incorrect), a session-level Reject message should be issued.

### 18.2 Structure

Name	Mult.	Type	Description
StandardHeader	[1..1]	Component	MsgType = j (lowercase)
RefSeqNum	[0..1]	SeqNum	MsgSeqNum of rejected message
RefMsgType	[1..1]	CodeSet	The MsgType of the FIX message being referenced.
RefAppVerID	[0..1]	CodeSet	Recommended when rejecting an application message that does not explicitly provide AppVerID ( 1128) on the message being rejected. In this case the value from the DefaultAppVerID(1137) or the default value specified in the NoMsgTypes repeating group on the logon message should be provided.
RefAppExtID	[0..1]	int	Recommended when rejecting an application message that does not explicitly provide AppExtID(1156) on the rejected message. In this case the value from the DefaultAppExtID(1407) or the default value specified in the NoMsgTypes repeating group on the logon message should be provided.
RefCstmAppVerID	[0..1]	String	Recommended when rejecting an application message that does not explicitly provide CstmAppVerID(1129) on the message being rejected. In this case the value from the DefaultCstmAppVerID(1408) or the default value specified in the NoMsgTypes repeating group on the logon message should be provided.

<b>Name</b>	<b>Mult.</b>	<b>Type</b>	<b>Description</b>
BusinessRejectRefID	[0..1]	String	The value of the business-level "ID" field on the message being referenced. Required unless the corresponding ID field (see list above) was not specified.
BusinessRejectReason	[1..1]	CodeSet	Code to identify reason for a Business Message Reject message.
Text	[0..1]	String	Where possible, message to explain reason for rejection
EncodedTextLen	[0..1]	Length	Must be set if EncodedText field is specified and must immediately precede it.
EncodedText	[0..1]	data	Encoded (non-ASCII characters) representation of the Text field in the encoded format specified via the MessageEncoding field.
StandardTrailer	[1..1]	Component	

---

## 19 CollateralAssignment

Category: CollateralManagement

### 19.1 Message Functionality

Used to assign collateral to cover a trading position. This message can be sent unsolicited or in reply to a Collateral Request message.

### 19.2 Structure

Name	Mult.	Type	Description
StandardHeader	[1..1]	Component	MsgType = AY
CollAsgnID	[1..1]	String	Unique Identifier for collateral assignment
CollReqID	[0..1]	String	Identifier of CollReqID to which the Collateral Assignment is in response
CollAsgnReason	[1..1]	CodeSet	Reason for collateral assignment
CollAsgnTransType	[1..1]	CodeSet	Collateral Transaction Type
CollAsgnRefID	[0..1]	String	Collateral assignment to which this transaction refers
TransactTime	[1..1]	UTCTimestamp	
ExpireTime	[0..1]	UTCTimestamp	For an Initial assignment, time by which a response is expected
Parties	[0..*]	Group	
Account	[0..1]	String	Customer Account
AccountType	[0..1]	CodeSet	Type of account associated with the order (Origin)
ClOrdID	[0..1]	String	Identifier of order for which collateral is required
OrderID	[0..1]	String	Identifier of order for which collateral is required
SecondaryOrderID	[0..1]	String	Identifier of order for which collateral is required
SecondaryClOrdID	[0..1]	String	Identifier of order for which collateral is required
ExecCollGrp	[0..*]	Group	Executions for which collateral is required
TrdCollGrp	[0..*]	Group	Trades for which collateral is required
Instrument	[0..1]	Component	
FinancingDetails	[0..1]	Component	

Name	Mult.	Type	Description
SettlDate	[0..1]	LocalMktDate	Can be used to provide the value date of the collateral transaction where the deposit or withdrawal is for a specific future date.
Quantity	[0..1]	Qty	
QtyType	[0..1]	CodeSet	
Currency	[0..1]	Currency	
CurrencyCodeSource	[0..1]	CodeSet	
InstrmtLegGrp	[0..*]	Group	Number of legs that make up the Security
UndInstrmtCollGrp	[0..*]	Group	Number of legs that make up the Security
MarginExcess	[0..1]	Amt	
TotalNetValue	[0..1]	Amt	
CashOutstanding	[0..1]	Amt	
TrdRegTimestamps	[0..*]	Group	Insert here the set of "TrdRegTimestamps" fields defined in "Common Components of Application Messages"
Side	[0..1]	CodeSet	
MiscFeesGrp	[0..*]	Group	Required if any miscellaneous fees are reported.
Price	[0..1]	Price	
PriceType	[0..1]	CodeSet	
AccruedInterestAmt	[0..1]	Amt	
EndAccruedInterestAmt	[0..1]	Amt	
StartCash	[0..1]	Amt	
EndCash	[0..1]	Amt	
SpreadOrBenchmarkCurveData	[0..1]	Component	Insert here the set of "SpreadOrBenchmarkCurveData" fields defined in "Common Components of Application Messages"
Stipulations	[0..*]	Group	Insert here the set of "Stipulations" fields defined in "Common Components of Application Messages"
SettlInstructionsData	[0..1]	Component	Insert here the set of "SettlInstructionsData" fields defined in "Common Components of Application Messages"
TradingSessionID	[0..1]	CodeSet	Trading Session in which trade occurred
TradingSessionSubID	[0..1]	CodeSet	Trading Session Subid in which trade occurred
SettlSessID	[0..1]	CodeSet	
SettlSessSubID	[0..1]	String	
WireReference	[0..1]	String	

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<b>Name</b>	<b>Mult.</b>	<b>Type</b>	<b>Description</b>
TradeDate	[0..1]	LocalMktDate	
TransactionID	[0..1]	String	The unique transaction entity identifier assigned by counterparty to the transaction receiving this message, if known.
FirmTransactionID	[0..1]	String	The unique transaction entity identifier assigned by the firm sending the CollateralAssignment(35=AY).
ClearingBusinessDate	[0..1]	LocalMktDate	The clearing business date of the collateral assignment.
CollateralRequestLinkID	[0..1]	String	
TotNumCollateralRequests	[0..1]	int	
CollateralRequestNumber	[0..1]	int	
CollateralRequestInstruction	[0..1]	String	Values are custom to a particular implementation and will be maintained externally.
Text	[0..1]	String	
EncodedTextLen	[0..1]	Length	Must be set if EncodedText(355) field is specified and must immediately precede it.
EncodedText	[0..1]	data	Encoded (non-ASCII characters) representation of the Text(58) field in the encoded format specified via the MessageEncoding(347) field.
StandardTrailer	[1..1]	Component	

---

## 20 CollateralInquiry

Category: CollateralManagement

### 20.1 Message Functionality

Used to inquire for collateral status.

### 20.2 Structure

Name	Mult.	Type	Description
StandardHeader	[1..1]	Component	MsgType = BB
CollInquiryID	[1..1]	String	Unique identifier for this message.
CollInqQualGrp	[0..*]	Group	Number of qualifiers to inquiry
SubscriptionRequestType	[0..1]	CodeSet	Used to subscribe / unsubscribe for collateral status reports. If the field is absent, the default will be snapshot request only - no subscription.
ResponseTransportType	[0..1]	CodeSet	Ability to specify whether the response to the request should be delivered inband or via pre-arranged out-of-band transport.
ResponseDestination	[0..1]	String	URI destination name. Used if ResponseTransportType is out-of-band.
Parties	[0..*]	Group	
Account	[0..1]	String	Customer Account
AccountType	[0..1]	CodeSet	Type of account associated with the order (Origin)
ClOrdID	[0..1]	String	Identifier of order for which collateral is required
OrderID	[0..1]	String	Identifier of order for which collateral is required
SecondaryOrderID	[0..1]	String	Identifier of order for which collateral is required
SecondaryClOrdID	[0..1]	String	Identifier of order for which collateral is required
ExecCollGrp	[0..*]	Group	Executions for which collateral is required
TrdCollGrp	[0..*]	Group	Trades for which collateral is required
Instrument	[0..1]	Component	Insert here the set of "Instrument" (symbology) fields defined in "Common Components of Application Messages".
FinancingDetails	[0..1]	Component	Insert here the set of "FinancingDetails" fields defined in "Common Components of Application Messages"

<b>Name</b>	<b>Mult.</b>	<b>Type</b>	<b>Description</b>
SettlDate	[0..1]	LocalMktDate	
Quantity	[0..1]	Qty	
QtyType	[0..1]	CodeSet	
Currency	[0..1]	Currency	
CurrencyCodeSource	[0..1]	CodeSet	
InstrmtLegGrp	[0..*]	Group	Number of legs that make up the Security
UndInstrmtGrp	[0..*]	Group	Number of legs that make up the Security
MarginExcess	[0..1]	Amt	
TotalNetValue	[0..1]	Amt	
CashOutstanding	[0..1]	Amt	
TrdRegTimestamps	[0..*]	Group	Insert here the set of "TrdRegTimestamps" fields defined in "Common Components of Application Messages"
Side	[0..1]	CodeSet	
Price	[0..1]	Price	
PriceType	[0..1]	CodeSet	
AccruedInterestAmt	[0..1]	Amt	
EndAccruedInterestAmt	[0..1]	Amt	
StartCash	[0..1]	Amt	
EndCash	[0..1]	Amt	
SpreadOrBenchmarkCurveData	[0..1]	Component	Insert here the set of "SpreadOrBenchmarkCurveData" fields defined in "Common Components of Application Messages"
Stipulations	[0..*]	Group	Insert here the set of "Stipulations" fields defined in "Common Components of Application Messages"
SettlInstructionsData	[0..1]	Component	Insert here the set of "SettlInstructionsData" fields defined in "Common Components of Application Messages"
TradingSessionID	[0..1]	CodeSet	Trading Session in which trade occurred
TradingSessionSubID	[0..1]	CodeSet	Trading Session Subid in which trade occurred
SettlSessID	[0..1]	CodeSet	
SettlSessSubID	[0..1]	String	
ClearingBusinessDate	[0..1]	LocalMktDate	
Text	[0..1]	String	



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<b>Name</b>	<b>Mult.</b>	<b>Type</b>	<b>Description</b>
EncodedTextLen	[0..1]	Length	Must be set if EncodedText field is specified and must immediately precede it.
EncodedText	[0..1]	data	Encoded (non-ASCII characters) representation of the Text field in the encoded format specified via the MessageEncoding field.
StandardTrailer	[1..1]	Component	

---

## 21 CollateralInquiryAck

Category: CollateralManagement

### 21.1 Message Functionality

Used to respond to a Collateral Inquiry in the following situations:

- When the CollateralInquiry will result in an out of band response (such as a file transfer).
- When the inquiry is otherwise valid but no collateral is found to match the criteria specified on the Collateral Inquiry message.
- When the Collateral Inquiry is invalid based upon the business rules of the counterparty.

### 21.2 Structure

Name	Mult.	Type	Description
StandardHeader	[1..1]	Component	MsgType = BG
CollInquiryID	[1..1]	String	Identifier for the collateral inquiry to which this message is a reply
CollInquiryStatus	[1..1]	CodeSet	Status of the Collateral Inquiry referenced by CollInquiryID
CollInquiryResult	[0..1]	CodeSet	Result of the Collateral Inquiry referenced by CollInquiryID - specifies any errors or warnings
CollInqQualGrp	[0..*]	Group	Number of qualifiers to inquiry
TotNumReports	[0..1]	int	Total number of reports generated in response to this inquiry
Parties	[0..*]	Group	
Account	[0..1]	String	Customer Account
AccountType	[0..1]	CodeSet	Type of account associated with the order (Origin)
ClOrdID	[0..1]	String	Identifier of order for which collateral is required
OrderID	[0..1]	String	Identifier of order for which collateral is required
SecondaryOrderID	[0..1]	String	Identifier of order for which collateral is required
SecondaryClOrdID	[0..1]	String	Identifier of order for which collateral is required
ExecCollGrp	[0..*]	Group	Executions for which collateral is required
TrdCollGrp	[0..*]	Group	Trades for which collateral is required

<b>Name</b>	<b>Mult.</b>	<b>Type</b>	<b>Description</b>
<b>Instrument</b>	[0..1]	Component	Insert here the set of "Instrument" (symbology) fields defined in "Common Components of Application Messages".
<b>FinancingDetails</b>	[0..1]	Component	Insert here the set of "FinancingDetails" fields defined in "Common Components of Application Messages"
<b>SettlDate</b>	[0..1]	LocalMktDate	
<b>Quantity</b>	[0..1]	Qty	
<b>QtyType</b>	[0..1]	CodeSet	
<b>Currency</b>	[0..1]	Currency	
<b>CurrencyCodeSource</b>	[0..1]	CodeSet	
<b>InstrmtLegGrp</b>	[0..*]	Group	Number of legs that make up the Security
<b>UndInstrmtGrp</b>	[0..*]	Group	Number of legs that make up the Security
<b>TradingSessionID</b>	[0..1]	CodeSet	Trading Session in which trade occurred
<b>TradingSessionSubID</b>	[0..1]	CodeSet	Trading Session Subid in which trade occurred
<b>SettlSessID</b>	[0..1]	CodeSet	
<b>SettlSessSubID</b>	[0..1]	String	
<b>ClearingBusinessDate</b>	[0..1]	LocalMktDate	
<b>ResponseTransportType</b>	[0..1]	CodeSet	Ability to specify whether the response to the request should be delivered inband or via pre-arranged out-of-band transport.
<b>ResponseDestination</b>	[0..1]	String	URI destination name. Used if ResponseTransportType is out-of-band.
<b>Text</b>	[0..1]	String	
<b>EncodedTextLen</b>	[0..1]	Length	Must be set if EncodedText field is specified and must immediately precede it.
<b>EncodedText</b>	[0..1]	data	Encoded (non-ASCII characters) representation of the Text field in the encoded format specified via the MessageEncoding field.
<b>StandardTrailer</b>	[1..1]	Component	

## 22 CollateralReport

Category: CollateralManagement

### 22.1 Message Functionality

Used to report collateral status when responding to a Collateral Inquiry message.

### 22.2 Structure

Name	Mult.	Type	Description
StandardHeader	[1..1]	Component	MsgType = BA
CollRptID	[1..1]	String	Unique Identifier for collateral report
CollInquiryID	[0..1]	String	Identifier for the collateral inquiry to which this message is a reply
TransactTime	[0..1]	UTCTimestamp	
CollApplType	[0..1]	CodeSet	Differentiates collateral pledged specifically against a position from collateral pledged against an entire portfolio on a valued basis.
FinancialStatus	[0..1]	CodeSet	Tells whether security has been restricted.
CollStatus	[1..1]	CodeSet	Collateral status
TotNumReports	[0..1]	int	
LastRptRequested	[0..1]	CodeSet	
Parties	[0..*]	Group	
Account	[0..1]	String	Customer Account
AccountType	[0..1]	CodeSet	Type of account associated with the order (Origin)
ClOrdID	[0..1]	String	Identifier of order for which collateral is required
OrderID	[0..1]	String	Identifier of order for which collateral is required
SecondaryOrderID	[0..1]	String	Identifier of order for which collateral is required
SecondaryClOrdID	[0..1]	String	Identifier of order for which collateral is required
ExecCollGrp	[0..*]	Group	Executions for which collateral is required
TrdCollGrp	[0..*]	Group	Trades for which collateral is required
Instrument	[0..1]	Component	
FinancingDetails	[0..1]	Component	
SettlDate	[0..1]	LocalMktDate	
Quantity	[0..1]	Qty	

Name	Mult.	Type	Description
QtyType	[0..1]	CodeSet	
Currency	[0..1]	Currency	
CurrencyCodeSource	[0..1]	CodeSet	
InstrmtLegGrp	[0..*]	Group	
UndInstrmtGrp	[0..*]	Group	
MarginExcess	[0..1]	Amt	
TotalNetValue	[0..1]	Amt	
CashOutstanding	[0..1]	Amt	
CollateralAmountGrp	[0..*]	Group	
CollateralizationValueDate	[0..1]	LocalMktDate	
TradeCollateralization	[0..1]	CodeSet	
RegulatoryTradeIDGrp	[0..*]	Group	
TrdRegTimestamps	[0..*]	Group	
Side	[0..1]	CodeSet	
MiscFeesGrp	[0..*]	Group	Required if any miscellaneous fees are reported.
Price	[0..1]	Price	
PriceType	[0..1]	CodeSet	
AccruedInterestAmt	[0..1]	Amt	
EndAccruedInterestAmt	[0..1]	Amt	
StartCash	[0..1]	Amt	
EndCash	[0..1]	Amt	
SpreadOrBenchmarkCurveData	[0..1]	Component	Insert here the set of "SpreadOrBenchmarkCurveData" fields defined in "Common Components of Application Messages"
Stipulations	[0..*]	Group	Insert here the set of "Stipulations" fields defined in "Common Components of Application Messages"
SettlInstructionsData	[0..1]	Component	Insert here the set of "SettlInstructionsData" fields defined in "Common Components of Application Messages"
TradingSessionID	[0..1]	CodeSet	Trading Session in which trade occurred
TradingSessionSubID	[0..1]	CodeSet	Trading Session Subid in which trade occurred
SettlSessID	[0..1]	CodeSet	
SettlSessSubID	[0..1]	String	
RegulatoryReportType	[0..1]	CodeSet	

<b>Name</b>	<b>Mult.</b>	<b>Type</b>	<b>Description</b>
RegulatoryReportTypeBusinessDate	[0..1]	LocalMktDate	May be used when the business event date differs from when the regulatory report is actually being submitted (typically specified in TrdRegTimestamps component).
ClearingBusinessDate	[0..1]	LocalMktDate	The clearing business date of the report.
WireReference	[0..1]	String	
TradeDate	[0..1]	LocalMktDate	
TransactionID	[0..1]	String	The unique transaction entity identifier assigned by the firm sending the CollateralReport(35=BA).
FirmTransactionID	[0..1]	String	The unique transaction entity identifier assigned by the counterparty to the transaction receiving this message, if known.
FundingSourceGrp	[0..*]	Group	
TransactionAttributeGrp	[0..*]	Group	
Text	[0..1]	String	
EncodedTextLen	[0..1]	Length	Must be set if EncodedText(355) field is specified and must immediately precede it.
EncodedText	[0..1]	data	Encoded (non-ASCII characters) representation of the Text(58) field in the encoded format specified via the MessageEncoding(347) field.
StandardTrailer	[1..1]	Component	

## 23 CollateralReportAck

Category: CollateralManagement

### 23.1 Message Functionality

CollateralReportAck(35=DQ) is used as a response to the CollateralReport(35=BA). It can be used to reject a CollateralReport(35=BA) when the content of the report is invalid based on the business rules of the receiver. The message may also be used to acknowledge receipt of a valid CollateralReport(35=BA).

### 23.2 Structure

Name	Mult.	Type	Description
StandardHeader	[1..1]	Component	
CollRptID	[1..1]	String	Identifier of the CollateralReport(35=BA) being acknowledged.
TransactTime	[0..1]	UTCTimestamp	
CollRptStatus	[1..1]	CodeSet	
CollRptRejectReason	[0..1]	CodeSet	Conditionally required when CollRptStatus(2488) = 2 (Rejected).
RejectText	[0..1]	String	Conditionally required when CollRptStatus(2488) = 2 (Rejected).
EncodedRejectTextLen	[0..1]	Length	Must be set if EncodedRejectText(1665) field is specified and must immediately precede it.
EncodedRejectText	[0..1]	data	Encoded (non-ASCII characters) representation of the RejectText(1328) field in the encoded format specified via the MessageEncoding(347) field.
Parties	[0..*]	Group	
Text	[0..1]	String	
EncodedTextLen	[0..1]	Length	Must be set if EncodedText(355) field is specified and must immediately precede it.
EncodedText	[0..1]	data	Encoded (non-ASCII characters) representation of the Text(58) field in the encoded format specified via the MessageEncoding(347) field.
StandardTrailer	[1..1]	Component	

## 24 CollateralRequest

Category: CollateralManagement

### 24.1 Message Functionality

An initiator that requires collateral from a respondent sends a Collateral Request. The initiator can be either counterparty to a trade in a two party model or an intermediary such as an ATS or clearinghouse in a three party model. A Collateral Assignment is expected as a response to a request for collateral.

### 24.2 Structure

Name	Mult.	Type	Description
StandardHeader	[1..1]	Component	MsgType = AX
CollReqID	[1..1]	String	Unique identifier for collateral request
CollAsgnReason	[1..1]	CodeSet	Reason collateral assignment is being requested
TransactTime	[1..1]	UTCTimestamp	
ExpireTime	[0..1]	UTCTimestamp	Time until when Respondent has to assign collateral
Parties	[0..*]	Group	
Account	[0..1]	String	Customer Account
AccountType	[0..1]	CodeSet	Type of account associated with the order (Origin)
ClOrdID	[0..1]	String	Identifier of order for which collateral is required
OrderID	[0..1]	String	Identifier of order for which collateral is required
SecondaryOrderID	[0..1]	String	Identifier of order for which collateral is required
SecondaryClOrdID	[0..1]	String	Identifier of order for which collateral is required
ExecCollGrp	[0..*]	Group	Executions for which collateral is required
TrdCollGrp	[0..*]	Group	Trades for which collateral is required
Instrument	[0..1]	Component	Instrument that was traded for which collateral is required
FinancingDetails	[0..1]	Component	Details of the Agreement and Deal
SettlDate	[0..1]	LocalMktDate	
Quantity	[0..1]	Qty	
QtyType	[0..1]	CodeSet	
Currency	[0..1]	Currency	
CurrencyCodeSource	[0..1]	CodeSet	



Name	Mult.	Type	Description
InstrmtLegGrp	[0..*]	Group	Number of legs that make up the Security
UndInstrmtCollGrp	[0..*]	Group	Number of legs that make up the Security
MarginExcess	[0..1]	Amt	
TotalNetValue	[0..1]	Amt	
CashOutstanding	[0..1]	Amt	
TrdRegTimestamps	[0..*]	Group	Insert here the set of "TrdRegTimestamps" fields defined in "Common Components of Application Messages"
Side	[0..1]	CodeSet	
MiscFeesGrp	[0..*]	Group	Required if any miscellaneous fees are reported.
Price	[0..1]	Price	
PriceType	[0..1]	CodeSet	
AccruedInterestAmt	[0..1]	Amt	
EndAccruedInterestAmt	[0..1]	Amt	
StartCash	[0..1]	Amt	
EndCash	[0..1]	Amt	
SpreadOrBenchmarkCurveData	[0..1]	Component	Insert here the set of "SpreadOrBenchmarkCurveData" fields defined in "Common Components of Application Messages"
Stipulations	[0..*]	Group	Insert here the set of "Stipulations" fields defined in "Common Components of Application Messages"
TradingSessionID	[0..1]	CodeSet	Trading Session in which trade occurred
TradingSessionSubID	[0..1]	CodeSet	Trading Session Subid in which trade occurred
SettlSessID	[0..1]	CodeSet	
SettlSessSubID	[0..1]	String	
ClearingBusinessDate	[0..1]	LocalMktDate	
Text	[0..1]	String	
EncodedTextLen	[0..1]	Length	Must be set if EncodedText field is specified and must immediately precede it.
EncodedText	[0..1]	data	Encoded (non-ASCII characters) representation of the Text field in the encoded format specified via the MessageEncoding field.
StandardTrailer	[1..1]	Component	

## 25 CollateralResponse

Category: CollateralManagement

### 25.1 Message Functionality

Used to respond to a Collateral Assignment message.

### 25.2 Structure

Name	Mult.	Type	Description
StandardHeader	[1..1]	Component	MsgType = AZ
CollRespID	[1..1]	String	Unique identifier for the collateral response
CollAsgnID	[0..1]	String	Conditionally required when responding to a Collateral Assignment message
CollReqID	[0..1]	String	Identifier of CollReqID to which the Collateral Assignment is in response
CollAsgnReason	[0..1]	CodeSet	Conditionally required when responding to a Collateral Assignment message
CollAsgnTransType	[0..1]	CodeSet	Collateral Transaction Type - not recommended because it causes confusion
CollAsgnRespType	[1..1]	CodeSet	Collateral Assignment Response Type
CollAsgnRejectReason	[0..1]	CodeSet	Conditionally required when CollAsgnRespType(905) = 3 (Rejected).
TransactTime	[1..1]	UTCTimestamp	
CollApplType	[0..1]	CodeSet	
FinancialStatus	[0..1]	CodeSet	Tells whether security has been restricted.
ClearingBusinessDate	[0..1]	LocalMktDate	The clearing business date of the assignment. The date on which the transaction was entered.
Parties	[0..*]	Group	
Account	[0..1]	String	Customer Account
AccountType	[0..1]	CodeSet	Type of account associated with the order (Origin)
ClOrdID	[0..1]	String	Identifier of order for which collateral is required
OrderID	[0..1]	String	Identifier of order for which collateral is required
SecondaryOrderID	[0..1]	String	Identifier of order for which collateral is required
SecondaryClOrdID	[0..1]	String	Identifier of order for which collateral is required

Name	Mult.	Type	Description
ExecCollGrp	[0..*]	Group	Executions for which collateral is required
TrdCollGrp	[0..*]	Group	Trades for which collateral is required
Instrument	[0..1]	Component	
FinancingDetails	[0..1]	Component	
SettlDate	[0..1]	LocalMktDate	Can be used to specify the value date of the collateral transaction where the transaction is for a specific future date (e.g. to be "settled" on a future date).
Quantity	[0..1]	Qty	
QtyType	[0..1]	CodeSet	
Currency	[0..1]	Currency	
CurrencyCodeSource	[0..1]	CodeSet	
InstrmtLegGrp	[0..*]	Group	Number of legs that make up the Security
UndInstrmtCollGrp	[0..*]	Group	Number of legs that make up the Security
MarginExcess	[0..1]	Amt	
TotalNetValue	[0..1]	Amt	
CashOutstanding	[0..1]	Amt	
CollateralAmountGrp	[0..*]	Group	
TrdRegTimestamps	[0..*]	Group	
Side	[0..1]	CodeSet	
MiscFeesGrp	[0..*]	Group	Required if any miscellaneous fees are reported.
Price	[0..1]	Price	
PriceType	[0..1]	CodeSet	
AccruedInterestAmt	[0..1]	Amt	
EndAccruedInterestAmt	[0..1]	Amt	
StartCash	[0..1]	Amt	
EndCash	[0..1]	Amt	
SpreadOrBenchmarkCurveData	[0..1]	Component	
Stipulations	[0..*]	Group	
WireReference	[0..1]	String	
TradeDate	[0..1]	LocalMktDate	
TransactionID	[0..1]	String	The unique transaction entity identifier assigned by the firm sending the CollateralResponse(35=AZ).

Name	Mult.	Type	Description
FirmTransactionID	[0..1]	String	The unique transaction entity identifier assigned by the counterparty to the transaction, if known. Echoes the value from CollateralAssignment(35=AY) if provided.
CollateralRequestLinkID	[0..1]	String	
TotNumCollateralRequests	[0..1]	int	
CollateralRequestNumber	[0..1]	int	
CollateralRequestInstruction	[0..1]	String	Values are custom to a particular implementation and will be maintained externally.
Text	[0..1]	String	
EncodedTextLen	[0..1]	Length	Must be set if EncodedText(355) field is specified and must immediately precede it.
EncodedText	[0..1]	data	Encoded (non-ASCII characters) representation of the Text(58) field in the encoded format specified via the MessageEncoding(347) field.
WarningText	[0..1]	String	Conditionally required when CollAsgnRespType(905) = 5 (Completed with warning).
EncodedWarningTextLen	[0..1]	Length	Must be set if EncodedWarningText(2521) field is specified and must immediately precede it.
EncodedWarningText	[0..1]	data	Encoded (non-ASCII characters) representation of the WarningText(2520) field in the encoded format specified via the MessageEncoding field.
RejectText	[0..1]	String	Conditionally required when CollAsgnRespType(905) = 3 (Rejected).
EncodedRejectTextLen	[0..1]	Length	Must be set if EncodedRejectText(1665) field is specified and must immediately precede it.
EncodedRejectText	[0..1]	data	Encoded (non-ASCII characters) representation of the RejectText(1328) field in the encoded format specified via the MessageEncoding(347) field.
StandardTrailer	[1..1]	Component	

## 26 Confirmation

Category: Confirmation

### 26.1 Message Functionality

The Confirmation messages are used to provide individual trade level confirmations from the sell side to the buy side. In versions of FIX prior to version 4.4, this role was performed by the allocation message. Unlike the allocation message, the confirmation message operates at an allocation account (trade) level rather than block level, allowing for the affirmation or rejection of individual confirmations.

### 26.2 Structure

Name	Mult.	Type	Description
StandardHeader	[1..1]	Component	MsgType = AK
ConfirmID	[1..1]	String	Unique ID for this message
ConfirmRefID	[0..1]	String	Mandatory if ConfirmTransType is Replace or Cancel
ConfirmReqID	[0..1]	String	Only used when this message is used to respond to a confirmation request (to which this ID refers)
ConfirmTransType	[1..1]	CodeSet	New, Cancel or Replace
ConfirmType	[1..1]	CodeSet	Denotes whether this message represents a confirmation or a trade status message
CopyMsgIndicator	[0..1]	Boolean	Denotes whether or not this message represents copy confirmation (or status message). Absence of this field indicates message is not a drop copy.
LegalConfirm	[0..1]	CodeSet	Denotes whether this message represents the legally binding confirmation. Absence of this field indicates message is not a legal confirm.
ConfirmStatus	[1..1]	CodeSet	
MatchStatus	[0..1]	CodeSet	
AffirmStatus	[0..1]	CodeSet	Used to communicate an "affirmed" Confirmation(35=AK) status message (i.e. when ConfirmType(773) = 1 (Status)) to interested parties that need to or should receive such confirmation status message. This field must not be used when sending a Confirmation(35=AK) message that needs to be affirmed.

Name	Mult.	Type	Description
RegulatoryTradeIDGrp	[0..*]	Group	
TradeConfirmationReferenceID	[0..1]	String	
ClearedIndicator	[0..1]	CodeSet	Used to communicate the status of the central clearing workflow.
Parties	[0..*]	Group	Insert here the set of "Parties" (firm identification) fields defined in "Common Components of Application Messages". Required for fixed income. Also to be used in associated with ProcessCode for broker of credit (e.g. for directed brokerage trades). Also to be used to specify party-specific regulatory details (e.g. full legal name of contracting legal entity, registered address, regulatory status, any registration details)
OrdAllocGrp	[0..*]	Group	Indicates number of orders to be combined for allocation. If order(s) were manually delivered set to 1 (one). Required when AllocNoOrdersType = 1
ExecAllocGrp	[0..*]	Group	
AllocID	[0..1]	String	Used to refer to an earlier Allocation Instruction.
SecondaryAllocID	[0..1]	String	Used to refer to an earlier Allocation Instruction via its secondary identifier
IndividualAllocID	[0..1]	String	Used to refer to an allocation account within an earlier Allocation Instruction.
TrdType	[0..1]	CodeSet	
TrdSubType	[0..1]	CodeSet	
SecondaryTrdType	[0..1]	CodeSet	
TradeContinuation	[0..1]	CodeSet	
TradeContinuationText	[0..1]	String	
EncodedTradeContinuationTextLen	[0..1]	Length	Must be set if EncodedTradeContinuationText(2371) field is specified and must immediately precede it.
EncodedTradeContinuationText	[0..1]	data	Encoded (non-ASCII characters) representation of the TradeContinuationText(2374) field in the encoded format specified via the MessageEncoding(347) field.
MatchType	[0..1]	CodeSet	
TransactTime	[1..1]	UTCTimestamp	Represents the time this message was generated
TradeDate	[1..1]	LocalMktDate	

Name	Mult.	Type	Description
TrdRegTimestamps	[0..*]	Group	Time of last execution being confirmed by this message. Use ExecutionTimestamp(2749) in ExecAllocGrp component when there are multiple trades.
Instrument	[1..1]	Component	Insert here the set of "Instrument" (symbology) fields defined in "Common Components of Application Messages"
InstrumentExtension	[0..1]	Component	Insert here the set of "InstrumentExtension" fields defined in "Common Components of Application Messages"
FinancingDetails	[0..1]	Component	Insert here the set of "FinancingDetails" fields defined in "Common Components of Application Messages"
UndInstrmtGrp	[0..*]	Group	
InstrmtLegGrp	[0..*]	Group	
YieldData	[0..1]	Component	If traded on Yield, price must be calculated "to worst" and the <Yield> component block must specify how calculated, redemption date and price (if not par). If traded on Price, the <Yield> component block must specify how calculated - "Worst", and include redemptiondate and price (if not par).
AllocQty	[1..1]	Qty	The quantity being confirmed by this message (this is at a trade level, not block or order level)
QtyType	[0..1]	CodeSet	
Side	[1..1]	CodeSet	
Currency	[0..1]	Currency	
CurrencyCodeSource	[0..1]	CodeSet	
LastMkt	[0..1]	Exchange	
CpctyConfGrp	[1..*]	Group	
AllocAccount	[1..1]	String	Account number for the trade being confirmed by this message
AllocAcctIDSource	[0..1]	CodeSet	
AllocAccountType	[0..1]	CodeSet	
AvgPx	[1..1]	Price	Gross price for the trade being confirmed. Always expressed in percent-of-par for Fixed Income
AvgPxPrecision	[0..1]	int	Absence of this field indicates that default precision arranged by the broker/institution is to be used

Name	Mult.	Type	Description
PriceType	[0..1]	CodeSet	Price type for the AvgPx field
PriceQualifierGrp	[0..*]	Group	
AvgParPx	[0..1]	Price	
SpreadOrBenchmarkCurveData	[0..1]	Component	Insert here the set of "SpreadOrBenchmarkCurveData" fields defined in "Common Components of Application Messages"
ReportedPx	[0..1]	Price	Reported price (may be different to AvgPx in the event of a marked-up or marked-down principal trade)
Text	[0..1]	String	
EncodedTextLen	[0..1]	Length	
EncodedText	[0..1]	data	
ProcessCode	[0..1]	CodeSet	Used to identify whether the trade was a soft dollar trade, step in/out etc. Broker of credit, where relevant, can be specified using the Parties nested block above.
GrossTradeAmt	[1..1]	Amt	Gross trade amount for the allocated account being confirmed.
NumDaysInterest	[0..1]	int	
ExDate	[0..1]	LocalMktDate	Optional "next coupon date" for Fixed Income
AccruedInterestRate	[0..1]	Percentage	
AccruedInterestAmt	[0..1]	Amt	Required for Fixed Income products that trade with accrued interest
InterestAtMaturity	[0..1]	Amt	Required for Fixed Income products that pay lump sum interest at maturity
EndAccruedInterestAmt	[0..1]	Amt	For repurchase agreements the accrued interest on termination.
StartCash	[0..1]	Amt	For repurchase agreements the start (dirty) cash consideration
EndCash	[0..1]	Amt	For repurchase agreements the end (dirty) cash consideration
Concession	[0..1]	Amt	
TotalTakedown	[0..1]	Amt	
NetMoney	[1..1]	Amt	
MaturityNetMoney	[0..1]	Amt	Net Money at maturity if Zero Coupon and maturity value is different from par value
SettlCurrAmt	[0..1]	Amt	



<b>Name</b>	<b>Mult.</b>	<b>Type</b>	<b>Description</b>
SettlCurrency	[0..1]	Currency	
SettlCurrencyCodeSource	[0..1]	CodeSet	
SettlCurrFxRate	[0..1]	float	
SettlCurrFxRateCalc	[0..1]	CodeSet	
SettlType	[0..1]	CodeSet	
SettlDate	[0..1]	LocalMktDate	
SettlInstructionsData	[0..1]	Component	Insert here the set of "SettlInstructionsData" fields defined in "Common Components of Application Messages". Used to communicate settlement instructions for this Confirmation.
CommissionData	[0..1]	Component	
SharedCommission	[0..1]	Amt	Used to identify any commission shared with a third party (e.g. directed brokerage)
CommissionDataGrp	[0..*]	Group	Use as an alternative to CommissionData if multiple commissions or enhanced attributes are needed.
Stipulations	[0..*]	Group	
MiscFeesGrp	[0..*]	Group	Required if any miscellaneous fees are reported.
MatchExceptionGrp	[0..*]	Group	
MatchingDataPointGrp	[0..*]	Group	
StandardTrailer	[1..1]	Component	

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## 27 ConfirmationAck

Category: Confirmation

### 27.1 Message Functionality

The Confirmation Ack (aka Affirmation) message is used to respond to a Confirmation message.

### 27.2 Structure

Name	Mult.	Type	Description
StandardHeader	[1..1]	Component	MsgType = AU
ConfirmID	[1..1]	String	
TradeDate	[1..1]	LocalMktDate	
TransactTime	[1..1]	UTCTimestamp	Date/Time Allocation Instruction Ack generated
AffirmStatus	[1..1]	CodeSet	
RegulatoryTradeIDGrp	[0..*]	Group	
TradeConfirmationReferenceID	[0..1]	String	
ConfirmRejReason	[0..1]	CodeSet	Conditionally required for AffirmStatus(940) = 2 (Confirm rejected).
MatchStatus	[0..1]	CodeSet	Denotes whether the financial details provided on the Confirmation were successfully matched.
MatchExceptionGrp	[0..*]	Group	
MatchingDataPointGrp	[0..*]	Group	
Text	[0..1]	String	Can include explanation for ConfirmRejReason(774) = 99 (Other)
EncodedTextLen	[0..1]	Length	Must be set if EncodedText field is specified and must immediately precede it.
EncodedText	[0..1]	data	Encoded (non-ASCII characters) representation of the Text field in the encoded format specified via the MessageEncoding field.
StandardTrailer	[1..1]	Component	

## 28 ConfirmationRequest

Category: Confirmation

### 28.1 Message Functionality

The Confirmation Request message is used to request a Confirmation message.

### 28.2 Structure

Name	Mult.	Type	Description
StandardHeader	[1..1]	Component	MsgType = BH
ConfirmReqID	[1..1]	String	Unique identifier for this message
ConfirmType	[1..1]	CodeSet	Denotes whether this message is being used to request a confirmation or a trade status message
OrdAllocGrp	[0..*]	Group	Indicates number of orders to be combined for allocation. If order(s) were manually delivered set to 1 (one). Required when AllocNoOrdersType = 1
AllocID	[0..1]	String	Used to refer to an earlier Allocation Instruction.
SecondaryAllocID	[0..1]	String	Used to refer to an earlier Allocation Instruction via its secondary identifier
IndividualAllocID	[0..1]	String	Used to refer to an allocation account within an earlier Allocation Instruction.
TransactTime	[1..1]	UTCTimestamp	Represents the time this message was generated
AllocAccount	[0..1]	String	Account number for the trade being confirmed by this message
AllocAcctIDSource	[0..1]	CodeSet	
AllocAccountType	[0..1]	CodeSet	
Text	[0..1]	String	
EncodedTextLen	[0..1]	Length	
EncodedText	[0..1]	data	
StandardTrailer	[1..1]	Component	

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## 29 ContraryIntentionReport

Category: PositionMaintenance

### 29.1 Message Functionality

The Contrary Intention Report is used for reporting of contrary expiration quantities for Saturday expiring options. This information is required by options exchanges for regulatory purposes.

### 29.2 Structure

Name	Mult.	Type	Description
StandardHeader	[1..1]	Component	MsgType = BO
ApplicationSequenceControl	[0..1]	Component	
ContIntRptID	[1..1]	String	Unique identifier for the Contrary Intention report
TransactTime	[0..1]	UTCTimestamp	Time the contrary intention was received by clearing organization.
LateIndicator	[0..1]	Boolean	Indicates if the contrary intention was received after the exchange imposed cutoff time
InputSource	[0..1]	String	Source of the contrary intention
ClearingBusinessDate	[1..1]	LocalMktDate	Business date of contrary intention
Parties	[1..*]	Group	Clearing Organization. Clearing Firm. Position Account
ExpirationQty	[1..*]	Group	Expiration Quantities
Instrument	[1..1]	Component	
UndInstrmtGrp	[0..*]	Group	
Text	[0..1]	String	
EncodedTextLen	[0..1]	Length	Must be set if EncodedText field is specified and must immediately precede it.
EncodedText	[0..1]	data	Encoded (non-ASCII characters) representation of the Text field in the encoded format specified via the MessageEncoding field.
StandardTrailer	[1..1]	Component	

## 30 CrossOrderCancelReplaceRequest

Category: CrossOrders

### 30.1 Message Functionality

Used to modify a cross order previously submitted using the New Order - Cross message. See Order Cancel Replace Request for details concerning message usage.

### 30.2 Structure

Name	Mult.	Type	Description
StandardHeader	[1..1]	Component	MsgType = t (lowercase T)
OrderID	[0..1]	String	Unique identifier of most recent order as assigned by sell-side (broker, exchange, ECN).
OrderRequestID	[0..1]	int	Required if provided on the order being replaced (or cancelled). Echo back the value provided by the requester.
CrossID	[1..1]	String	CrossID for the replacement order
OrigCrossID	[1..1]	String	Must match the CrossID of the previous cross order. Same order chaining mechanism as ClOrdID/OrigClOrdID with single order Cancel/Replace.
HostCrossID	[0..1]	String	Host assigned entity ID that can be used to reference all components of a cross; sides + strategy + legs
CrossType	[1..1]	CodeSet	
CrossPrioritization	[1..1]	CodeSet	
RootParties	[0..*]	Group	Insert here the set of "Root Parties" fields defined in "common components of application messages" Used for acting parties that applies to the whole message, not individual sides.
SideCrossOrdModGrp	[1..*]	Group	Must be 1 or 2
Instrument	[1..1]	Component	Insert here the set of "Instrument" (symbology) fields defined in "Common Components of Application Messages"
UndInstrmtGrp	[0..*]	Group	Number of underlyings
InstrmtLegGrp	[0..*]	Group	Number of Legs

Name	Mult.	Type	Description
SettlType	[0..1]	CodeSet	
SettlDate	[0..1]	LocalMktDate	Takes precedence over SettlType value and conditionally required/omitted for specific SettlType values.
HandlInst	[0..1]	CodeSet	
ExecInst	[0..1]	CodeSet	Can contain multiple instructions, space delimited. If OrdType=P, exactly one of the following values (ExecInst = L, R, M, P, O, T, or W) must be specified.
MinQty	[0..1]	Qty	
MinQtyMethod	[0..1]	CodeSet	
MatchIncrement	[0..1]	Qty	
MaxPriceLevels	[0..1]	int	
DisplayInstruction	[0..1]	Component	Insert here the set of "DisplayInstruction" fields defined in "common components of application messages"
MaxFloor	[0..1]	Qty	
MarketSegmentID	[0..1]	String	
ExDestination	[0..1]	Exchange	
ExDestinationIDSource	[0..1]	CodeSet	
TrdgSesGrp	[0..*]	Group	Specifies the number of repeating TradingSessionIDs
ProcessCode	[0..1]	CodeSet	Used to identify soft trades at order entry.
PrevClosePx	[0..1]	Price	Useful for verifying security identification
LocateReqd	[0..1]	CodeSet	Required for short sell orders
TransactTime	[1..1]	UTCTimestamp	Time this order request was initiated/released by the trader, trading system, or intermediary.
TransBkdTime	[0..1]	UTCTimestamp	A date and time stamp to indicate when this order was booked with the agent prior to submission to the VMU
Stipulations	[0..*]	Group	Insert here the set of "Stipulations" (repeating group of Fixed Income stipulations) fields defined in "Common Components of Application Messages"
OrdType	[1..1]	CodeSet	
PriceType	[0..1]	CodeSet	

Name	Mult.	Type	Description
Price	[0..1]	Price	Required for limit OrdTypes. For F/X orders, should be the "all-in" rate (spot rate adjusted for forward points). Can be used to specify a limit price for a pegged order, previously indicated, etc.
PriceProtectionScope	[0..1]	CodeSet	
StopPx	[0..1]	Price	Required for OrdType = "Stop" or OrdType = "Stop limit".
TriggeringInstruction	[0..1]	Component	Insert here the set of "TriggeringInstruction" fields defined in "common components of application messages"
SpreadOrBenchmarkCurveData	[0..1]	Component	Insert here the set of "SpreadOrBenchmarkCurveData" (Fixed Income spread or benchmark curve) fields defined in "Common Components of Application Messages"
YieldData	[0..1]	Component	Insert here the set of "YieldData" (yield-related) fields defined in "Common Components of Application Messages"
Currency	[0..1]	Currency	
CurrencyCodeSource	[0..1]	CodeSet	
ComplianceID	[0..1]	String	
IOIID	[0..1]	String	Required for Previously Indicated Orders (OrdType=E)
QuotelD	[0..1]	String	Required for Previously Quoted Orders (OrdType=D)
TimeInForce	[0..1]	CodeSet	Absence of this field indicates Day order
EffectiveTime	[0..1]	UTCTimestamp	Can specify the time at which the order should be considered valid
ExpireDate	[0..1]	LocalMktDate	Conditionally required if TimeInForce = GTD and ExpireTime is not specified.
ExpireTime	[0..1]	UTCTimestamp	Conditionally required if TimeInForce = GTD and ExpireDate is not specified.
GTBookingInst	[0..1]	CodeSet	States whether executions are booked out or accumulated on a partially filled GT order
ExposureDuration	[0..1]	int	Conditionally required when TimeInForce(59)=10 (Good for Time)
ExposureDurationUnit	[0..1]	CodeSet	
TradingCapacity	[0..1]	CodeSet	
MaxShow	[0..1]	Qty	

---

<b>Name</b>	<b>Mult.</b>	<b>Type</b>	<b>Description</b>
PegInstructions	[0..1]	Component	Insert here the set of "PegInstruction" fields defined in "Common Components of Application Messages"
DiscretionInstructions	[0..1]	Component	Insert here the set of "DiscretionInstruction" fields defined in "Common Components of Application Messages"
TargetStrategy	[0..1]	CodeSet	The target strategy of the order
StrategyParametersGrp	[0..*]	Group	Strategy parameter block
TargetStrategyParameters	[0..1]	String	For further specification of the TargetStrategy
ParticipationRate	[0..1]	Percentage	Mandatory for a TargetStrategy=Participate order and specifies the target participation rate. For other order types optionally specifies a volume limit (i.e. do not be more than this percent of the market volume)
CancellationRights	[0..1]	CodeSet	For CIV - Optional
MoneyLaunderingStatus	[0..1]	CodeSet	
RegistID	[0..1]	String	Reference to Registration Instructions message for this Order.
Designation	[0..1]	String	Supplementary registration information for this Order
ThrottleInst	[0..1]	CodeSet	
StandardTrailer	[1..1]	Component	

---



## 31 CrossOrderCancelRequest

Category: CrossOrders

### 31.1 Message Functionality

Used to fully cancel the remaining open quantity of a cross order.

### 31.2 Structure

Name	Mult.	Type	Description
StandardHeader	[1..1]	Component	MsgType = u (lowercase U)
OrderID	[0..1]	String	Unique identifier of most recent order as assigned by sell-side (broker, exchange, ECN).
OrderRequestID	[0..1]	int	Required if provided on the order being cancelled. Echo back the value provided by the requester.
CrossID	[1..1]	String	CrossID for the replacement order
OrigCrossID	[1..1]	String	Must match the CrossID of previous cross order. Same order chaining mechanism as CLOrdID/OrigCLOrdID with single order Cancel/Replace.
HostCrossID	[0..1]	String	Host assigned entity ID that can be used to reference all components of a cross; sides + strategy + legs
CrossType	[1..1]	CodeSet	
CrossPrioritization	[1..1]	CodeSet	
RootParties	[0..*]	Group	Insert here the set of "Root Parties" fields defined in "common components of application messages" Used for acting parties that applies to the whole message, not individual sides.
SideCrossOrdCxlGrp	[1..*]	Group	Must be 1 or 2
Instrument	[1..1]	Component	Insert here the set of "Instrument" (symbology) fields defined in "Common Components of Application Messages"
UndInstrmtGrp	[0..*]	Group	Number of underlyings
InstrmtLegGrp	[0..*]	Group	Number of Leg
MarketSegmentID	[0..1]	String	

---

<b>Name</b>	<b>Mult.</b>	<b>Type</b>	<b>Description</b>
TransactTime	[1..1]	UTCTimestamp	Time this order request was initiated/released by the trader, trading system, or intermediary.
StandardTrailer	[1..1]	Component	

---

## 32 CrossRequest

Category: Indication

### 32.1 Message Functionality

The CrossRequest(35=DS) message is used to indicate the submission of orders or quotes that may result in a crossed trade.

### 32.2 Structure

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Name	Mult.	Type	Description
StandardHeader	[1..1]	Component	MsgType = DS
CrossRequestID	[1..1]	String	Unique identifier for cross request message.
MarketID	[0..1]	Exchange	
MarketSegmentID	[0..1]	String	
Instrument	[1..1]	Component	
OrderQty	[0..1]	Qty	Can be used to announce a maximum quantity that is subject to crossing.
ComplianceID	[0..1]	String	
ComplianceText	[0..1]	String	
StandardTrailer	[1..1]	Component	

---

## 33 CrossRequestAck

Category: Indication

### 33.1 Message Functionality

The CrossRequestAck(35=DT) message is used to confirm the receipt of a CrossRequest(35=DS) message.

### 33.2 Structure

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Name	Mult.	Type	Description
StandardHeader	[1..1]	Component	MsgType = DT
CrossRequestID	[1..1]	String	Unique identifier for the cross request message being confirmed.
MarketID	[0..1]	Exchange	
MarketSegmentID	[0..1]	String	
Instrument	[1..1]	Component	
OrderQty	[0..1]	Qty	
ComplianceID	[0..1]	String	
ComplianceText	[0..1]	String	
StandardTrailer	[1..1]	Component	

---

## 34 DerivativeSecurityList

Category: SecuritiesReferenceData

### 34.1 Message Functionality

The Derivative Security List message is used to return a list of securities that matches the criteria specified in a Derivative Security List Request.

### 34.2 Structure

Name	Mult.	Type	Description
StandardHeader	[1..1]	Component	MsgType = AA (2 A's)
ApplicationSequenceControl	[0..1]	Component	
SecurityReportID	[0..1]	int	
SecurityReqID	[0..1]	String	
SecurityResponseID	[0..1]	String	Identifier for the Derivative Security List message
SecurityRequestResult	[0..1]	CodeSet	Result of the Security Request identified by SecurityReqID
SecurityRejectReason	[0..1]	CodeSet	Used to specify a rejection reason when SecurityResponseType (323) is equal to 1 (Invalid or unsupported request) or 5 (Request for instrument data not supported).
ClearingBusinessDate	[0..1]	LocalMktDate	
UnderlyingInstrument	[0..1]	Component	Underlying security for which derivatives are being returned
DerivativeSecurityDefinition	[0..1]	Component	Group block which contains all information for an option family. If provided DerivativeSecurityDefinition qualifies the strikes specified in the Instrument block.
LastUpdateTime	[0..1]	UTCTimestamp	Represents the time at which a security was last updated
TransactTime	[0..1]	UTCTimestamp	
TotNoRelatedSym	[0..1]	int	Used to indicate the total number of securities being returned for this request. Used in the event that message fragmentation is required.

---

<b>Name</b>	<b>Mult.</b>	<b>Type</b>	<b>Description</b>
LastFragment	[0..1]	CodeSet	Indicates whether this is the last fragment in a sequence of message fragments. Only required where message has been fragmented.
RelSymDerivSecGrp	[0..*]	Group	Specifies the number of repeating symbols (instruments) specified
StandardTrailer	[1..1]	Component	

---

## 35 DerivativeSecurityListRequest

Category: SecuritiesReferenceData

### 35.1 Message Functionality

The Derivative Security List Request message is used to return a list of securities from the counterparty that match criteria provided on the request

### 35.2 Structure

Name	Mult.	Type	Description
StandardHeader	[1..1]	Component	MsgType = z (lowercase Z)
SecurityReqID	[1..1]	String	
SecurityListRequestType	[1..1]	CodeSet	
MarketID	[0..1]	Exchange	
MarketSegmentID	[0..1]	String	
UnderlyingInstrument	[0..1]	Component	Specifies the underlying instrument
DerivativeInstrument	[0..1]	Component	Group block which contains all information for an option family.
SecuritySubType	[0..1]	String	
Currency	[0..1]	Currency	
CurrencyCodeSource	[0..1]	CodeSet	
Text	[0..1]	String	Comment, instructions, or other identifying information.
EncodedTextLen	[0..1]	Length	Must be set if EncodedText field is specified and must immediately precede it.
EncodedText	[0..1]	data	Encoded (non-ASCII characters) representation of the Text field in the encoded format specified via the MessageEncoding field.
TradingSessionID	[0..1]	CodeSet	Optional Trading Session Identifier to specify a particular trading session for which you want to obtain a list of securities that are tradeable.
TradingSessionSubID	[0..1]	CodeSet	
SubscriptionRequestType	[0..1]	CodeSet	Subscribe or unsubscribe for security status to security specified in request.
StandardTrailer	[1..1]	Component	

## 36 DerivativeSecurityListUpdateReport

Category: SecuritiesReferenceData

### 36.1 Message Functionality

The Derivative Security List Update Report message is used to send updates to an option family or the strikes that comprise an option family.

### 36.2 Structure

Name	Mult.	Type	Description
StandardHeader	[1..1]	Component	MsgType = BR
ApplicationSequenceControl	[0..1]	Component	
SecurityReqID	[0..1]	String	
SecurityResponseID	[0..1]	String	Identifier for the Derivative Security List message
SecurityRequestResult	[0..1]	CodeSet	Result of the Security Request identified by SecurityReqID
SecurityUpdateAction	[0..1]	CodeSet	Updates can be applied to Underlying or option class. If Series information provided, then Series has explicitly changed
UnderlyingInstrument	[0..1]	Component	Underlying security for which derivatives are being returned
DerivativeSecurityDefinition	[0..1]	Component	Group block which contains all information for an option family. If provided DerivativeSecurityDefinition qualifies the strikes specified in the Instrument block. DerivativeSecurityDefinition contains the following components: DerivativeInstrument, DerivativeInstrumentExtension, MarketSegmentGrp
LastUpdateTime	[0..1]	UTCTimestamp	Represents the time at which a security was last updated
TransactTime	[0..1]	UTCTimestamp	
TotNoRelatedSym	[0..1]	int	Used to indicate the total number of securities being returned for this request. Used in the event that message fragmentation is required.



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<b>Name</b>	<b>Mult.</b>	<b>Type</b>	<b>Description</b>
LastFragment	[0..1]	CodeSet	Indicates whether this is the last fragment in a sequence of message fragments. Only required where message has been fragmented.
RelSymDerivSecUpdGrp	[0..*]	Group	
StandardTrailer	[1..1]	Component	

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## 37 DontKnowTrade

Category: SingleGeneralOrderHandling

### 37.1 Message Functionality

The Don't Know Trade (DK) message notifies a trading partner that an electronically received execution has been rejected. This message can be thought of as an execution reject message.

### 37.2 Structure

Name	Mult.	Type	Description
StandardHeader	[1..1]	Component	MsgType = Q
OrderID	[1..1]	String	Broker Order ID as identified on problem execution
SecondaryOrderID	[0..1]	String	
ExecID	[1..1]	String	Execution ID of problem execution
DKReason	[1..1]	CodeSet	
Instrument	[1..1]	Component	Insert here the set of "Instrument" (symbology) fields defined in "Common Components of Application Messages"
UndInstrmtGrp	[0..*]	Group	Number of underlyings
InstrmtLegGrp	[0..*]	Group	Number of Legs
Side	[1..1]	CodeSet	
OrderQtyData	[1..1]	Component	Insert here the set of "OrderQtyData" fields defined in "Common Components of Application Messages"
LastQty	[0..1]	Qty	Required if specified on the ExecutionRpt
LastPx	[0..1]	Price	Required if specified on the ExecutionRpt
Text	[0..1]	String	
EncodedTextLen	[0..1]	Length	Must be set if EncodedText field is specified and must immediately precede it.
EncodedText	[0..1]	data	Encoded (non-ASCII characters) representation of the Text field in the encoded format specified via the MessageEncoding field.
StandardTrailer	[1..1]	Component	

## 38 Email

Category: EventCommunication

### 38.1 Message Functionality

The email message is similar to the format and purpose of the News message, however, it is intended for private use between two parties.

### 38.2 Structure

Name	Mult.	Type	Description
StandardHeader	[1..1]	Component	MsgType = C
EmailThreadID	[1..1]	String	Unique identifier for the email message thread
EmailType	[1..1]	CodeSet	
OrigTime	[0..1]	UTCTimestamp	
Subject	[1..1]	String	Specifies the Subject text
EncodedSubjectLen	[0..1]	Length	Must be set if EncodedSubject field is specified and must immediately precede it.
EncodedSubject	[0..1]	data	Encoded (non-ASCII characters) representation of the Subject field in the encoded format specified via the MessageEncoding field.
RoutingGrp	[0..*]	Group	
InstrmtGrp	[0..*]	Group	Specifies the number of repeating symbols (instruments) specified
UndInstrmtGrp	[0..*]	Group	Number of underlyings
InstrmtLegGrp	[0..*]	Group	
OrderID	[0..1]	String	
ClOrdID	[0..1]	String	
LinesOfTextGrp	[1..*]	Group	Specifies the number of repeating lines of text specified
RawDataLength	[0..1]	Length	
RawData	[0..1]	data	
AttachmentGrp	[0..*]	Group	
StandardTrailer	[1..1]	Component	

## 39 ExecutionAck

Category: SingleGeneralOrderHandling

### 39.1 Message Functionality

The Execution Report Acknowledgement message is an optional message that provides dual functionality to notify a trading partner that an electronically received execution has either been accepted or rejected (DK'd).

### 39.2 Structure

Name	Mult.	Type	Description
StandardHeader	[1..1]	Component	MsgType = BN
OrderID	[1..1]	String	
SecondaryOrderID	[0..1]	String	
ClOrdID	[0..1]	String	Conditionally required if the Execution Report message contains a ClOrdID.
ExecAckStatus	[1..1]	CodeSet	Indicates the status of the execution acknowledgement. The "received, not yet processed" is an optional intermediary status that can be used to notify the counterparty that the Execution Report has been received.
ExecID	[1..1]	String	The ExecID of the Execution Report being acknowledged.
DKReason	[0..1]	CodeSet	Conditionally required when ExecAckStatus = 2 (Don't know / Rejected).
Instrument	[1..1]	Component	
UndInstrmtGrp	[0..*]	Group	
InstrmtLegGrp	[0..*]	Group	
Side	[1..1]	CodeSet	
OrderQtyData	[0..1]	Component	Conditionally required if specified in the ExecutionReport(35=8).
LastQty	[0..1]	Qty	Conditionally required if specified on the Execution Report
LastPx	[0..1]	Price	Conditionally Required if specified on the Execution Report

<b>Name</b>	<b>Mult.</b>	<b>Type</b>	<b>Description</b>
PriceType	[0..1]	CodeSet	Conditionally required if specified on the Execution Report
PriceQualifierGrp	[0..*]	Group	
LastParPx	[0..1]	Price	Conditionally required if specified on the Execution Report
CumQty	[0..1]	Qty	Conditionally required if specified on the Execution Report
AvgPx	[0..1]	Price	Conditionally required if specified on the Execution Report
RegulatoryTradeIDGrp	[0..*]	Group	
Text	[0..1]	String	Conditionally required if DKReason = "other"
EncodedTextLen	[0..1]	Length	
EncodedText	[0..1]	data	
StandardTrailer	[1..1]	Component	

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## 40 ExecutionReport

Category: SingleGeneralOrderHandling

### 40.1 Message Functionality

The execution report message is used to:

1. confirm the receipt of an order
2. confirm changes to an existing order (i.e. accept cancel and replace requests)
3. relay order status information
4. relay fill information on working orders
5. relay fill information on tradeable or restricted tradeable quotes
6. reject orders
7. report post-trade fees calculations associated with a trade

### 40.2 Structure

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Name	Mult.	Type	Description
StandardHeader	[1..1]	Component	MsgType = 8
ApplicationSequenceControl	[0..1]	Component	For use in drop copy applications. NOT FOR USE in transactional applications.
OrderID	[1..1]	String	OrderID is required to be unique for each chain of orders.
OrderRequestID	[0..1]	int	Required if provided on the order message. Echo back the value provided in the order message.
MassOrderRequestID	[0..1]	String	Can be used to link execution to the MassOrder(35=DJ) message.
SecondaryOrderID	[0..1]	String	Can be used to provide order id used by exchange or executing system. Can alternatively be used to convey implicit order priority.
SecondaryClOrdID	[0..1]	String	
SecondaryExecID	[0..1]	String	

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Name	Mult.	Type	Description
ClOrdID	[0..1]	String	Required when referring to orders that were electronically submitted over FIX or otherwise assigned a ClOrdID(11). In the case of quotes can be mapped to: - QuoteID(117) of a single Quote(35=S). - QuoteEntryID(299) of a MassQuote(35=i). - BidID(390) or OfferID(1867) of a two-sided Quote(35=S). - MassOrderReportID(2424) of a MassOrderAck(35=DK)
QuoteMsgID	[0..1]	String	In the case of quotes can be mapped to: o QuoteMsgID(1166) of a single Quote(35=S). o QuoteID(117) of a MassQuote(35=i)
OrigClOrdID	[0..1]	String	Conditionally required for response to a Cancel or Cancel/Replace request (ExecType(150) = 6 (Pending Cancel, 5 (Replaced), or 4 (Canceled)) when referring to orders that were electronically submitted over FIX or otherwise assigned a ClOrdID(11). ClOrdID(11) of the previous accepted order (NOT the initial order of the day) when canceling or replacing an order.
ClOrdLinkID	[0..1]	String	
MDEntryID	[0..1]	String	Reference to the MDEntryID(278) of this order or quote in the market data.
QuoteRespID	[0..1]	String	Required if responding to a QuoteResponse(35=AJ) message. Echo back the Initiator's value specified in the message.
OrdStatusReqID	[0..1]	String	Required if responding to and if provided on the OrderStatusRequest(35=H) message. Echo back the value provided by the requester.
MassStatusReqID	[0..1]	String	Required if responding to a OrderMassStatusRequest(35=AF). Echo back the value provided by the requester.
HostCrossID	[0..1]	String	Host assigned entity ID that can be used to reference all components of a cross; sides + strategy + legs
TotNumReports	[0..1]	int	Can be used when responding to an OrderMassStatusRequest(35=AF) to identify the total number of ExecutionReport(35=8) messages which will be returned.

Name	Mult.	Type	Description
LastRptRequested	[0..1]	CodeSet	Can be used when responding to an OrderMassStatusRequest(35=AF) to indicate that this is the last ExecutionReport(35=8) messages which will be returned as a result of the request.
Parties	[0..*]	Group	Specifies party information related to the submitter.
TargetParties	[0..*]	Group	Specifies parties not directly associated with or owning the order, who are to be informed to effect processing of the order.
TradeOriginationDate	[0..1]	LocalMktDate	
ContraGrp	[0..*]	Group	
ListID	[0..1]	String	Required for executions against orders which were submitted as part of a list.
CrossID	[0..1]	String	CrossID for the replacement order
OrigCrossID	[0..1]	String	Must match original cross order. Same order chaining mechanism as ClOrdID(11)/OrigClOrdID(41) with OrderCancelReplaceRequest(35=G).
CrossType	[0..1]	CodeSet	
RefRiskLimitCheckID	[0..1]	String	
RefRiskLimitCheckIDType	[0..1]	CodeSet	Conditionally required when RefRiskLimitCheckID(2334) is specified.
TrdMatchID	[0..1]	String	
TrdMatchSubID	[0..1]	String	
ExecID	[1..1]	String	Unique identifier of execution message as assigned by sell-side (broker, exchange, ECN) (will be 0 (zero) for ExecType(150) = I (Order Status)).
ExecRefID	[0..1]	String	Required for ExecType(150) = H (Trade Cancel) and ExecType(150) = G (Trade Correct).
ExecType	[1..1]	CodeSet	Describes the purpose of the execution report.
ExecTypeReason	[0..1]	CodeSet	Can be used to provide further detail for ExecType(150) field.
OrdStatus	[1..1]	CodeSet	Describes the current state of a CHAIN of orders, same scope as OrderQty, CumQty, LeavesQty, and AvgPx
WorkingIndicator	[0..1]	CodeSet	For optional use with OrdStatus = 0 (New)
CurrentWorkingPrice	[0..1]	Price	
OrdRejReason	[0..1]	CodeSet	For optional use with ExecType = 8 (Rejected)



Name	Mult.	Type	Description
RejectText	[0..1]	String	Reason description for rejecting the transaction request.
EncodedRejectTextLen	[0..1]	Length	Must be set if EncodedRejectText(1665) field is specified and must immediately precede it.
EncodedRejectText	[0..1]	data	Encoded (non-ASCII characters) representation of the RejectText(1328) field in the encoded format specified via the MessageEncoding(347) field.
ExecRestatementReason	[0..1]	CodeSet	Required for ExecType = D (Restated).
AnonymousTradeIndicator	[0..1]	Boolean	
AlgorithmicTradeIndicator	[0..1]	CodeSet	
TrdType	[0..1]	CodeSet	
TrdSubType	[0..1]	CodeSet	
SecondaryTrdType	[0..1]	CodeSet	
RegulatoryTransactionType	[0..1]	CodeSet	
RegulatoryTradeIDGrp	[0..*]	Group	
PreviouslyReported	[0..1]	CodeSet	
TradeReportingIndicator	[0..1]	CodeSet	May be used to bilaterally inform counterparty of trade reporting status.
Account	[0..1]	String	Required for executions against electronically submitted orders which were assigned an account by the institution or intermediary
AcctIDSource	[0..1]	CodeSet	
AccountType	[0..1]	CodeSet	Specifies type of account
DayBookingInst	[0..1]	CodeSet	
BookingUnit	[0..1]	CodeSet	
PreallocMethod	[0..1]	CodeSet	
AllocID	[0..1]	String	
PreAllocGrp	[0..*]	Group	Pre-trade allocation instructions.
SettlType	[0..1]	CodeSet	
SettlDate	[0..1]	LocalMktDate	Takes precedence over SettlType value and conditionally required/omitted for specific SettleType values. Required for NDFs to specify the "value date".
MatchType	[0..1]	CodeSet	
OrderCategory	[0..1]	CodeSet	
CashMargin	[0..1]	CodeSet	
ClearingFeeIndicator	[0..1]	CodeSet	

Name	Mult.	Type	Description
Instrument	[1..1]	Component	
FinancingDetails	[0..1]	Component	
UndInstrmtGrp	[0..*]	Group	Number of underlyings
PaymentGrp	[0..*]	Group	
Side	[1..1]	CodeSet	
ShortMarkingExemptIndicator	[0..1]	Boolean	
ShortSaleExemptionReason	[0..1]	CodeSet	Available for optional use when Side(54) = 6(Sell short exempt).
Stipulations	[0..*]	Group	
QtyType	[0..1]	CodeSet	
OrderQtyData	[0..1]	Component	Conditionally required when the OrderQtyData component is required or specified in a prior, related message. For example, when used in a work flow including a NewOrderSingle(35=D) or NewOrderCross(35=s) message, the OrderQtyData component is a required component in these messages and thus the component is required here. When the OrderQtyData component is optional in a related message, such as the NewOrderMultileg(35=AB), the component is required here when specified in the prior, related NewOrderMultileg(35=AB) message.
LotType	[0..1]	CodeSet	
OrdType	[0..1]	CodeSet	
PriceType	[0..1]	CodeSet	
PriceQualifierGrp	[0..*]	Group	
Price	[0..1]	Price	Required if specified on the order
PriceProtectionScope	[0..1]	CodeSet	
StopPx	[0..1]	Price	Required if specified on the order
TriggeringInstruction	[0..1]	Component	
Triggered	[0..1]	CodeSet	
PegInstructions	[0..1]	Component	
DiscretionInstructions	[0..1]	Component	
PeggedPrice	[0..1]	Price	The current price the order is pegged at
PeggedRefPrice	[0..1]	Price	The reference price of a pegged order.
DiscretionPrice	[0..1]	Price	The current discretionary price of the order
TradePriceNegotiationMethod	[0..1]	CodeSet	

Name	Mult.	Type	Description
UpfrontPrice	[0..1]	Price	Required if specified on the order
UpfrontPriceType	[0..1]	CodeSet	
TargetStrategy	[0..1]	CodeSet	The target strategy of the order
StrategyParametersGrp	[0..*]	Group	Strategy parameter block
TargetStrategyParameters	[0..1]	String	For further specification of the TargetStrategy
ParticipationRate	[0..1]	Percentage	Mandatory for a TargetStrategy=Participate order and specifies the target participation rate. For other order types optionally specifies a volume limit (i.e. do not be more than this percent of the market volume)
TargetStrategyPerformance	[0..1]	float	For communication of the performance of the order versus the target strategy
Currency	[0..1]	Currency	
CurrencyCodeSource	[0..1]	CodeSet	
ComplianceID	[0..1]	String	
ComplianceText	[0..1]	String	
EncodedComplianceTextLen	[0..1]	Length	Must be set if EncodedComplianceText(2352) field is specified and must immediately precede it.
EncodedComplianceText	[0..1]	data	Encoded (non-ASCII characters) representation of the ComplianceText(2404) field in the encoded format specified via the MessageEncoding(347) field.
SolicitedFlag	[0..1]	CodeSet	
TimeInForce	[0..1]	CodeSet	Absence of this field indicates Day order
EffectiveTime	[0..1]	UTCTimestamp	Time specified on the order at which the order should be considered valid
ExpireDate	[0..1]	LocalMktDate	Conditionally required if TimeInForce(59) = 6 (GTD) and ExpireTime(126) is not specified.
ExpireTime	[0..1]	UTCTimestamp	Conditionally required if TimeInForce(59) = 6 (GTD) and ExpireDate(432) is not specified.
ExposureDuration	[0..1]	int	Conditionally required when TimeInForce(59)=10 (Good for Time)
ExposureDurationUnit	[0..1]	CodeSet	
ExecInst	[0..1]	CodeSet	Can contain multiple instructions, space delimited.
AuctionInstruction	[0..1]	CodeSet	
AggressorIndicator	[0..1]	CodeSet	

Name	Mult.	Type	Description
OrderCapacity	[0..1]	CodeSet	
OrderRestrictions	[0..1]	CodeSet	
TradingCapacity	[0..1]	CodeSet	
RegulatoryReportType	[0..1]	CodeSet	
PreTradeAnonymity	[0..1]	Boolean	
TradePublishIndicator	[0..1]	CodeSet	Applies to trades resulting from the order.
CustOrderCapacity	[0..1]	CodeSet	
OrderAttributeGrp	[0..*]	Group	
LastQty	[0..1]	Qty	Quantity (e.g. shares) bought/sold on this (last) fill. Required if ExecType(150) = F (Trade) or ExecType(150) = G (Trade Correct) unless FillsGrp or OrderEventGrp is used. If ExecType(150) = 7 (Stopped), represents the quantity stopped/guaranteed/protected for.
CalculatedCcyLastQty	[0..1]	Qty	Used for FX trades to express the quantity or amount of the other side of the currency. Conditionally required if ExecType(150) = F (Trade) or G (Trade Correct) and is an FX trade.
LastSwapPoints	[0..1]	PriceOffset	Optionally used when ExecType(150) = F (Trade) or G (Trade Correct) and is a FX Swap trade. Used to express the swap points for the swap trade event.
UnderlyingLastQty	[0..1]	Qty	
LastQtyVariance	[0..1]	Qty	
LastPx	[0..1]	Price	Price of this (last) fill. Required if ExecType(150) = ExecType = F (Trade) or G (Trade Correct) unless FillsGrp or OrderEventGrp or TradePriceCondition(1839)=17 (Price is pending) or 18 (Price is not applicable) is used. Should represent the "all-in" (LastSpotRate(194) + LastForwardPoints(195)) rate for F/X orders.). If ExecType(150) = 7 (Stopped), represents the price stopped/guaranteed/protected at. Not required for FX Swap when ExecType(150) = F (Trade) or G (Trade Correct) as there is no "all-in" rate that applies to both legs of the FX Swap.
UnderlyingLastPx	[0..1]	Price	

Name	Mult.	Type	Description
LastParPx	[0..1]	Price	Last price expressed in percent-of-par. Conditionally required for Fixed Income trades when LastPx(31) is expressed in Yield, Spread, Discount or any other price type that is not percent-of-par.
MidPx	[0..1]	Price	
LastSpotRate	[0..1]	Price	Applicable for F/X orders
LastForwardPoints	[0..1]	PriceOffset	Applicable for F/X orders
LastUpfrontPrice	[0..1]	Price	Upfront Price for CDS transactions. Conditionally required if TradePriceNegotiationMethod(1740) = 4(Percent of par and upfront amount), 5(Deal spread and upfront amount) or 6(Upfront points and upfront amount).
ReportingPx	[0..1]	Price	
ReportingQty	[0..1]	Qty	
LastMkt	[0..1]	Exchange	If ExecType(150) = F (Trade), indicates the market where the trade was executed. If ExecType(150) = 0 (New (0), indicates the market where the order was routed.
VenueType	[0..1]	CodeSet	
MarketSegmentID	[0..1]	String	
ExDestination	[0..1]	Exchange	
ExDestinationIDSource	[0..1]	CodeSet	
ExDestinationType	[0..1]	CodeSet	
TradingSessionID	[0..1]	CodeSet	
TradingSessionSubID	[0..1]	CodeSet	
TimeBracket	[0..1]	String	
LastCapacity	[0..1]	CodeSet	
LimitAmts	[0..*]	Group	Insert here the set of "LimitAmts" fields defined in "Common Components"
LeavesQty	[1..1]	Qty	Quantity open for further execution. If the OrdStatus(39) is = 4 (Canceled), 3 (Done For Day), C (Expired), B (Calculated), or 8 (Rejected) (in which case the order is no longer active) then LeavesQty(151) could be 0, otherwise LeavesQty(151) = OrderQty(38) - CumQty(14).
CumQty	[1..1]	Qty	Currently executed quantity for chain of orders.

Name	Mult.	Type	Description
CxlQty	[0..1]	Qty	Can be used to specify the remaining quantity that was cancelled prior to order reaching terminal state (i.e. when LeavesQty(151)=0). If specified, OrderQty(38) = CumQty(14) + CxlQty(84).
AvgPx	[0..1]	Price	Not required for markets where average price is not calculated by the market. Conditionally required otherwise.
DayOrderQty	[0..1]	Qty	For GT orders on days following the day of the first trade.
DayCumQty	[0..1]	Qty	For GT orders on days following the day of the first trade.
DayAvgPx	[0..1]	Price	For GT orders on days following the day of the first trade.
TotNoFills	[0..1]	int	Used to support fragmentation. Sum of NoFills(1362) across all messages with the same ExecID(17).
LastFragment	[0..1]	CodeSet	Indicates whether this is the last fragment in a sequence of message fragments. Only required where message has been fragmented.
FillsGrp	[0..*]	Group	Specifies the partial fills included in this ExecutionReport(35=8), mutually exclusive with OrderEventGrp component.
OrderEventGrp	[0..*]	Group	Specifies the order events included in this ExecutionReport(35=8), mutually exclusive with FillsGrp component.
EventInitiatorType	[0..1]	CodeSet	
GTBookingInst	[0..1]	CodeSet	States whether executions are booked out or accumulated on a partially filled GT order
TradeDate	[0..1]	LocalMktDate	Used when reporting other than current day trades.
TransactTime	[0..1]	UTCTimestamp	Time the transaction represented by this ExecutionReport(35=8) occurred.
ReportToExch	[0..1]	CodeSet	
CommissionData	[0..1]	Component	Note: On a fill/partial-fill message, it represents value for that fill/partial fill. On ExecType(150) = B (Calculated), it represents cumulative value for the order.
CommissionDataGrp	[0..*]	Group	Use as an alternative to CommissionData component if multiple commissions or enhanced attributes are needed.

Name	Mult.	Type	Description
SpreadOrBenchmarkCurveData	[0..1]	Component	
RelativeValueGrp	[0..*]	Group	
YieldData	[0..1]	Component	
GrossTradeAmt	[0..1]	Amt	
NumDaysInterest	[0..1]	int	
ExDate	[0..1]	LocalMktDate	
AccruedInterestRate	[0..1]	Percentage	
AccruedInterestAmt	[0..1]	Amt	
InterestAtMaturity	[0..1]	Amt	For fixed income products which pay lump-sum interest at maturity.
EndAccruedInterestAmt	[0..1]	Amt	For repurchase agreements the accrued interest on termination.
StartCash	[0..1]	Amt	For repurchase agreements the start (dirty) cash consideration.
EndCash	[0..1]	Amt	For repurchase agreements the end (dirty) cash consideration.
TradedFlatSwitch	[0..1]	CodeSet	
BasisFeatureDate	[0..1]	LocalMktDate	
BasisFeaturePrice	[0..1]	Price	
Concession	[0..1]	Amt	
TotalTakedown	[0..1]	Amt	
NetMoney	[0..1]	Amt	On a fill/partial fill message, it represents value for that fill/partial fill. On a ExecType(150) = B (Calculated) message, it represents cumulative value for the order. Value expressed in the currency reflected by the Currency(15) field.
SettlCurrAmt	[0..1]	Amt	Used to report results of forex accommodation trade.
SettlCurrency	[0..1]	Currency	Used to report results of forex accommodation trade. Required for Non-Deliverable Forwards.
SettlCurrencyCodeSource	[0..1]	CodeSet	
RateSource	[0..*]	Group	
OffshoreIndicator	[0..1]	CodeSet	
SettlCurrFxRate	[0..1]	float	Foreign exchange rate used to compute SettlCurrAmt(119) from Currency(15) to SettlCurrency(120).

Name	Mult.	Type	Description
SettlCurrFxRateCalc	[0..1]	CodeSet	Specifies whether the SettlCurrFxRate(155) should be multiplied or divided.
HandlInst	[0..1]	CodeSet	
MinQty	[0..1]	Qty	
MinQtyMethod	[0..1]	CodeSet	
MatchIncrement	[0..1]	Qty	
MaxPriceLevels	[0..1]	int	
MaximumPriceDeviation	[0..1]	Percentage	
ValueChecksGrp	[0..*]	Group	
MatchingInstructions	[0..*]	Group	
SelfMatchPreventionID	[0..1]	String	May be used as an alternative to MatchingInstructions when the identifier does not appear in another field.
SelfMatchPreventionInstruction	[0..1]	CodeSet	May be used to return the self-match prevention instruction provided on the order placement message. Omit for unsolicited cancellations and use ExecRestatementReason(378) to convey the self-match prevention instruction that caused the cancellation.
CrossedIndicator	[0..1]	CodeSet	
DisplayInstruction	[0..1]	Component	
DisclosureInstructionGrp	[0..*]	Group	
MaxFloor	[0..1]	Qty	
ClearingAccountType	[0..1]	CodeSet	
PositionEffect	[0..1]	CodeSet	For use in derivatives omnibus accounting
MaxShow	[0..1]	Qty	
BookingType	[0..1]	CodeSet	Method for booking out this order. Used when notifying a broker that an order to be settled by that broker is to be booked out as an OTC derivative (e.g. CFD or similar). Absence of this field implies regular booking.
Text	[0..1]	String	
EncodedTextLen	[0..1]	Length	Must be set if EncodedText field is specified and must immediately precede it.
EncodedText	[0..1]	data	Encoded (non-ASCII characters) representation of the Text field in the encoded format specified via the MessageEncoding field.



Name	Mult.	Type	Description
SettlDate2	[0..1]	LocalMktDate	Can be used with OrdType = "Forex - Swap" to specify the "value date" for the future portion of a F/X swap.
OrderQty2	[0..1]	Qty	Can be used with OrdType = "Forex - Swap" to specify the order quantity for the future portion of a F/X swap.
LastForwardPoints2	[0..1]	PriceOffset	Can be used with OrdType = "Forex - Swap" to specify the forward points (added to LastSpotRate) for the future portion of a F/X swap.
MultiLegReportingType	[0..1]	CodeSet	Default is a single security if not specified.
ContingencyType	[0..1]	CodeSet	For contingency orders, the type of contingency as specified in the order.
CancellationRights	[0..1]	CodeSet	For CIV - Optional
MoneyLaunderingStatus	[0..1]	CodeSet	
RegstID	[0..1]	String	Reference to Registration Instructions message for this Order.
Designation	[0..1]	String	Supplementary registration information for this Order
TransBkdTime	[0..1]	UTCTimestamp	For CIV - Optional
ExecValuationPoint	[0..1]	UTCTimestamp	For CIV - Optional
ExecPriceType	[0..1]	CodeSet	For CIV - Optional
ExecPriceAdjustment	[0..1]	float	For CIV - Optional
PriorityIndicator	[0..1]	CodeSet	
PriceImprovement	[0..1]	PriceOffset	
LastLiquidityInd	[0..1]	CodeSet	Applicable only on OrdStatus(39) = 1 of (Partially filled) or 2(Filled).
ContAmtGrp	[0..*]	Group	
InstrmtLegExecGrp	[0..*]	Group	Specifies the leg executions of a multi-leg order or quote.
CopyMsgIndicator	[0..1]	Boolean	
MiscFeesGrp	[0..*]	Group	Required if any miscellaneous fees are reported.
DividendYield	[0..1]	Percentage	
ManualOrderIndicator	[0..1]	Boolean	
CustDirectedOrder	[0..1]	Boolean	
ReceivedDeptID	[0..1]	String	
CustOrderHandlingInst	[0..1]	CodeSet	
OrderHandlingInstSource	[0..1]	CodeSet	

Name	Mult.	Type	Description
OrderOrigination	[0..1]	CodeSet	
ContraOrderOrigination	[0..1]	CodeSet	May be used for cross orders submitted with single order messages.
OriginatingDeptID	[0..1]	String	
ReceivingDeptID	[0..1]	String	
RoutingArrangementIndicator	[0..1]	CodeSet	
ContraRoutingArrangementIndicator	[0..1]	CodeSet	May be used for cross orders submitted with single order messages.
AffiliatedFirmsTradeIndicator	[0..1]	Boolean	
OwnerType	[0..1]	CodeSet	
OrderOwnershipIndicator	[0..1]	CodeSet	Can be used to highlight change of order ownership.
TrdRegTimestamps	[0..*]	Group	
TrdRegPublicationGrp	[0..*]	Group	
TradePriceConditionGrp	[0..*]	Group	
TradeContinuation	[0..1]	CodeSet	May be used to indicate the post-execution trade continuation or lifecycle event. This should echo the value in the message that resulted in this report.
TradeContinuationText	[0..1]	String	
EncodedTradeContinuationTextLen	[0..1]	Length	Must be set if EncodedTradeContinuationText(2371) field is specified and must immediately precede it.
EncodedTradeContinuationText	[0..1]	data	Encoded (non-ASCII characters) representation of the TradeContinuationText(2374) field in the encoded format specified via the MessageEncoding(347) field.
Volatility	[0..1]	float	
TimeToExpiration	[0..1]	float	
RiskFreeRate	[0..1]	float	
PriceDelta	[0..1]	float	
CoverPrice	[0..1]	Price	
ThrottleResponse	[0..1]	Component	
RefOrderID	[0..1]	String	
RefOrderIDSource	[0..1]	CodeSet	
RefClOrdID	[0..1]	String	

<b>Name</b>	<b>Mult.</b>	<b>Type</b>	<b>Description</b>
RelatedOrderGrp	[0..*]	Group	May be used to provide a list of orders and their relationship to the order identified in this message.
AuctionType	[0..1]	CodeSet	
AuctionAllocationPct	[0..1]	Percentage	
LockedQty	[0..1]	Qty	
SecondaryLockedQty	[0..1]	Qty	
LockType	[0..1]	CodeSet	
ReleaseInstruction	[0..1]	CodeSet	
ReleaseQty	[0..1]	Qty	
RelatedHighPrice	[0..1]	Price	
RelatedLowPrice	[0..1]	Price	
RelatedPriceSource	[0..1]	CodeSet	
StandardTrailer	[1..1]	Component	

---

## 41 Heartbeat

Category: Session

### 41.1 Message Functionality

The Heartbeat monitors the status of the communication link and identifies when the last of a string of messages was not received.

### 41.2 Structure

---

Name	Mult.	Type	Description
StandardHeader	[1..1]	Component	MsgType = 0
TestReqID	[0..1]	String	Required when the heartbeat is the result of a Test Request message.
StandardTrailer	[1..1]	Component	

---

## 42 IOI

Category: Indication

### 42.1 Message Functionality

Indication of interest messages are used to market merchandise which the broker is buying or selling in either a proprietary or agency capacity. The indications can be time bound with a specific expiration value. Indications are distributed with the understanding that other firms may react to the message first and that the merchandise may no longer be available due to prior trade.

Indication messages can be transmitted in various transaction types; NEW, CANCEL, and REPLACE. All message types other than NEW modify the state of the message identified in IOIRefID.

### 42.2 Structure

Name	Mult.	Type	Description
StandardHeader	[1..1]	Component	MsgType = 6
ApplicationSequenceControl	[0..1]	Component	
IOIID	[1..1]	String	
IOITransType	[1..1]	CodeSet	
IOIRefID	[0..1]	String	Required for Cancel and Replace IOITransType messages
Instrument	[1..1]	Component	Insert here the set of "Instrument" (symbology) fields defined in "Common Components of Application Messages"
InstrumentExtension	[0..1]	Component	
Parties	[0..*]	Group	Insert here the set of "Parties" (firm identification) fields defined in "Common Components of Application Messages".
FinancingDetails	[0..1]	Component	Insert here the set of "FinancingDetails" (symbology) fields defined in "Common Components of Application Messages"
UndInstrmtGrp	[0..*]	Group	Number of underlyings
RelatedInstrumentGrp	[0..*]	Group	
Side	[1..1]	CodeSet	Side of Indication. Valid subset of values: 1 = Buy. 2 = Sell. 7 = Undisclosed. B = As Defined (for multilegs). C = Opposite (for multilegs)

Name	Mult.	Type	Description
QtyType	[0..1]	CodeSet	
OrderQtyData	[0..1]	Component	Insert here the set of "Instrument" (symbology) fields defined in "Common Components of Application Messages". The value zero is used if NoLegs repeating group is used. Applicable if needed to express CashOrder Qty (tag 152)
IOIQty	[1..1]	CodeSet	The value zero is used if NoLegs repeating group is used
Currency	[0..1]	Currency	
CurrencyCodeSource	[0..1]	CodeSet	
Stipulations	[0..*]	Group	Insert here the set of "Stipulations" (symbology) fields defined in "Common Components of Application Messages"
InstrmtLegIOIGrp	[0..*]	Group	Required for multileg IOIs
PriceType	[0..1]	CodeSet	
PriceQualifierGrp	[0..*]	Group	
Price	[0..1]	Price	
ValidUntilTime	[0..1]	UTCTimestamp	
IOIQtyInd	[0..1]	CodeSet	
IOINaturalFlag	[0..1]	CodeSet	
IOIQualGrp	[0..*]	Group	Required if any IOIQualifiers are specified. Indicates the number of repeating IOIQualifiers.
Text	[0..1]	String	
EncodedTextLen	[0..1]	Length	Must be set if EncodedText field is specified and must immediately precede it.
EncodedText	[0..1]	data	Encoded (non-ASCII characters) representation of the Text field in the encoded format specified via the MessageEncoding field.
TransactTime	[0..1]	UTCTimestamp	
URLLink	[0..1]	String	A URL (Uniform Resource Locator) link to additional information (i.e. <a href="http://www.XYZ.com/research.html">http://www.XYZ.com/research.html</a> )
RoutingGrp	[0..*]	Group	
SpreadOrBenchmarkCurveData	[0..1]	Component	Insert here the set of "SpreadOrBenchmarkCurveData" (Fixed Income spread or benchmark curve) fields defined in "Common Components of Application Messages"
RelativeValueGrp	[0..*]	Group	

---

<b>Name</b>	<b>Mult.</b>	<b>Type</b>	<b>Description</b>
YieldData	[0..1]	Component	
StandardTrailer	[1..1]	Component	

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## 43 ListCancelRequest

Category: ProgramTrading

### 43.1 Message Functionality

The List Cancel Request message type is used by institutions wishing to cancel previously submitted lists either before or during execution.

### 43.2 Structure

---

Name	Mult.	Type	Description
StandardHeader	[1..1]	Component	MsgType = K
ListID	[1..1]	String	
Parties	[0..*]	Group	Insert here the set of "Parties" (firm identification) fields defined in "common components of application messages"
TransactTime	[1..1]	UTCTimestamp	Time this order request was initiated/released by the trader or trading system.
TradeOriginationDate	[0..1]	LocalMktDate	
TradeDate	[0..1]	LocalMktDate	
Text	[0..1]	String	
EncodedTextLen	[0..1]	Length	Must be set if EncodedText field is specified and must immediately precede it.
EncodedText	[0..1]	data	Encoded (non-ASCII characters) representation of the Text field in the encoded format specified via the MessageEncoding field.
StandardTrailer	[1..1]	Component	

---



## 44 ListExecute

Category: ProgramTrading

### 44.1 Message Functionality

The List Execute message type is used by institutions to instruct the broker to begin execution of a previously submitted list. This message may or may not be used, as it may be mirroring a phone conversation.

### 44.2 Structure

---

Name	Mult.	Type	Description
StandardHeader	[1..1]	Component	MsgType = L
ListID	[1..1]	String	Must be unique, by customer, for the day
ClientBidID	[0..1]	String	Used with BidType=Disclosed to provide the sell side the ability to determine the direction of the trade to execute.
BidID	[0..1]	String	
TransactTime	[1..1]	UTCTimestamp	Time this order request was initiated/released by the trader or trading system.
Text	[0..1]	String	
EncodedTextLen	[0..1]	Length	Must be set if EncodedText field is specified and must immediately precede it.
EncodedText	[0..1]	data	Encoded (non-ASCII characters) representation of the Text field in the encoded format specified via the MessageEncoding field.
StandardTrailer	[1..1]	Component	

---

## 45 ListStatus

Category: ProgramTrading

### 45.1 Message Functionality

The list status message is issued as the response to a List Status Request message sent in an unsolicited fashion by the sell-side. It indicates the current state of the orders within the list as they exist at the broker's site. This message may also be used to respond to the List Cancel Request.

### 45.2 Structure

Name	Mult.	Type	Description
StandardHeader	[1..1]	Component	MsgType = N
ListID	[1..1]	String	
ListStatusType	[1..1]	CodeSet	
NoRpts	[1..1]	int	Total number of messages required to status complete list.
ListOrderStatus	[1..1]	CodeSet	
ContingencyType	[0..1]	CodeSet	
ListRejectReason	[0..1]	CodeSet	
RptSeq	[1..1]	int	Sequence number of this report message.
ListStatusText	[0..1]	String	
EncodedListStatusTextLen	[0..1]	Length	Must be set if EncodedListStatusText field is specified and must immediately precede it.
EncodedListStatusText	[0..1]	data	Encoded (non-ASCII characters) representation of the ListStatusText field in the encoded format specified via the MessageEncoding field.
TransactTime	[0..1]	UTCTimestamp	
TotNoOrders	[1..1]	int	Used to support fragmentation. Sum of NoOrders across all messages with the same ListID.
LastFragment	[0..1]	CodeSet	Indicates whether this is the last fragment in a sequence of message fragments. Only required where message has been fragmented.
OrdListStatGrp	[1..*]	Group	Number of orders statused in this message, i.e. number of repeating groups to follow.
StandardTrailer	[1..1]	Component	

## 46 ListStatusRequest

Category: ProgramTrading

### 46.1 Message Functionality

The list status request message type is used by institutions to instruct the broker to generate status messages for a list.

### 46.2 Structure

---

Name	Mult.	Type	Description
StandardHeader	[1..1]	Component	MsgType = M
ListID	[1..1]	String	
Text	[0..1]	String	
EncodedTextLen	[0..1]	Length	Must be set if EncodedText field is specified and must immediately precede it.
EncodedText	[0..1]	data	Encoded (non-ASCII characters) representation of the Text field in the encoded format specified via the MessageEncoding field.
StandardTrailer	[1..1]	Component	

---

## 47 ListStrikePrice

Category: ProgramTrading

### 47.1 Message Functionality

The strike price message is used to exchange strike price information for principal trades. It can also be used to exchange reference prices for agency trades.

### 47.2 Structure

---

Name	Mult.	Type	Description
StandardHeader	[1..1]	Component	MsgType = m (lowercase)
ListID	[1..1]	String	
TotNoStrikes	[1..1]	int	Used to support fragmentation. Sum of NoStrikes across all messages with the same ListID.
LastFragment	[0..1]	CodeSet	Indicates whether this is the last fragment in a sequence of message fragments. Only required where message has been fragmented.
InstrmtStrkPxGrp	[1..*]	Group	Number of strike price entries
StandardTrailer	[1..1]	Component	

---

## 48 Logon

Category: Session

### 48.1 Message Functionality

The logon message authenticates a user establishing a connection to a remote system. The logon message must be the first message sent by the application requesting to initiate a FIX session.

### 48.2 Structure

Name	Mult.	Type	Description
StandardHeader	[1..1]	Component	MsgType = A
EncryptMethod	[1..1]	CodeSet	(Always unencrypted)
HeartBtInt	[1..1]	int	Note same value used by both sides
RawDataLength	[0..1]	Length	Required for some authentication methods
RawData	[0..1]	data	Required for some authentication methods
ResetSeqNumFlag	[0..1]	CodeSet	Indicates both sides of a FIX session should reset sequence numbers
NextExpectedMsgSeqNum	[0..1]	SeqNum	Optional, alternative via counterparty bi-lateral agreement message gap detection and recovery approach (see "Logon Message NextExpectedMsgSeqNum Processing" section)
MaxMessageSize	[0..1]	Length	Can be used to specify the maximum number of bytes supported for messages received
MsgTypeGrp	[0..*]	Group	
TestMessageIndicator	[0..1]	CodeSet	Can be used to specify that this FIX session will be sending and receiving "test" vs. "production" messages.
Username	[0..1]	String	
Password	[0..1]	String	Note: minimal security exists without transport-level encryption.
NewPassword	[0..1]	String	Specifies a new password for the FIX Logon. The new password is used for subsequent logons.
EncryptedPasswordMethod	[0..1]	int	
EncryptedPasswordLen	[0..1]	Length	
EncryptedPassword	[0..1]	data	

<b>Name</b>	<b>Mult.</b>	<b>Type</b>	<b>Description</b>
EncryptedNewPasswordLen	[0..1]	Length	
EncryptedNewPassword	[0..1]	data	Encrypted new password- encrypted via the method specified in the field EncryptedPasswordMethod(1400)
SessionStatus	[0..1]	CodeSet	Session status at time of logon. Field is intended to be used when the logon is sent as an acknowledgement from acceptor of the FIX session.
DefaultAppVerID	[1..1]	CodeSet	The default version of FIX messages used in this session.
DefaultAppExtID	[0..1]	int	The default extension pack for FIX messages used in this session
DefaultCstmAppVerID	[0..1]	String	The default custom application version (dictionary) for FIX messages used in this session
Text	[0..1]	String	Available to provide a response to logon when used as a logon acknowledgement from acceptor back to the logon initiator.
EncodedTextLen	[0..1]	Length	Must be set if EncodedText field is specified and must immediately precede it.
EncodedText	[0..1]	data	Encoded (non-ASCII characters) representation of the Text field in the encoded format specified via the MessageEncoding field.
StandardTrailer	[1..1]	Component	

---

## 49 Logout

Category: Session

### 49.1 Message Functionality

The logout message initiates or confirms the termination of a FIX session. Disconnection without the exchange of logout messages should be interpreted as an abnormal condition.

### 49.2 Structure

---

Name	Mult.	Type	Description
StandardHeader	[1..1]	Component	MsgType = 5
SessionStatus	[0..1]	CodeSet	Session status at time of logout.
Text	[0..1]	String	
EncodedTextLen	[0..1]	Length	Must be set if EncodedText field is specified and must immediately precede it.
EncodedText	[0..1]	data	Encoded (non-ASCII characters) representation of the Text field in the encoded format specified via the MessageEncoding field.
StandardTrailer	[1..1]	Component	

---

## 50 MarginRequirementInquiry

Category: MarginRequirementManagement

### 50.1 Message Functionality

The purpose of this message is to initiate a margin requirement inquiry for a margin account. The inquiry may be submitted at the detail level or the summary level. It can also be used to inquire margin excess/deficit or net position information. Margin excess/deficit will provide information about the surplus or shortfall compared to the previous trading day or a more recent margin calculation. An inquiry for net position information will trigger one or more PositionReport messages instead of one or more MarginRequirementReport messages.

If the inquiry is made at the detail level, an Instrument block must be provided with the desired level of detail. If the inquiry is made at the summary level, the Instrument block is not provided, implying a summary request is being made. For example, if the inquiring firm specifies the Security Type of "FUT" in the Instrument block, then a detail report will be generated containing the margin requirements for all futures positions for the inquiring account. Similarly, if the inquiry is made at the summary level, the report will contain the total margin requirement aggregated to the margin account level.

### 50.2 Structure

Name	Mult.	Type	Description
StandardHeader	[1..1]	Component	MsgType = CH
MarginReqmtInqID	[1..1]	String	Unique identifier for this message
MarginReqmtInqQualGrp	[1..*]	Group	Type of margin requirement inquiry
SubscriptionRequestType	[0..1]	CodeSet	Used to subscribe / unsubscribe for margin requirement reports. If the field is absent, the default will be snapshot request only - no subscription.
ResponseTransportType	[0..1]	CodeSet	Ability to specify whether the response to the request should be delivered inband or via pre-arranged out-of-band transport.
ResponseDestination	[0..1]	String	URI destination name. Used if ResponseTransportType is out-of-band.
Parties	[0..*]	Group	
ClearingBusinessDate	[0..1]	LocalMktDate	Indicates the date for which the margin is to be calculated



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<b>Name</b>	<b>Mult.</b>	<b>Type</b>	<b>Description</b>
SettlSessID	[0..1]	CodeSet	Indicates the settlement session for which the margin is to be calculated – End Of Day or Intraday
SettlSessSubID	[0..1]	String	
MarginClass	[0..1]	String	Used to identify a group of instruments with similar risk profile.
Instrument	[0..1]	Component	
TransactTime	[0..1]	UTCTimestamp	Represents the time the inquiry was submitted
Text	[0..1]	String	
EncodedTextLen	[0..1]	Length	Must be set if EncodedText field is specified and must immediately precede it.
EncodedText	[0..1]	data	Encoded (non-ASCII characters) representation of the Text field in the encoded format specified via the MessageEncoding field.
StandardTrailer	[1..1]	Component	

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## 51 MarginRequirementInquiryAck

Category: MarginRequirementManagement

### 51.1 Message Functionality

Used to respond to a Margin Requirement Inquiry.

### 51.2 Structure

Name	Mult.	Type	Description
StandardHeader	[1..1]	Component	MsgType = CI
MarginReqmtInqID	[1..1]	String	Unique identifier for this message
MarginReqmtInqQualGrp	[1..*]	Group	Type of margin requirement inquiry
MarginReqmtInqStatus	[1..1]	CodeSet	Status of the Margin Requirement Inquiry referenced by MarginReqmtInqID
MarginReqmtInqResult	[0..1]	CodeSet	Result of the Margin Requirement Inquiry referenced by MarginReqmtInqID – specifies any errors or warnings
TotNumReports	[0..1]	int	Total number of reports generated in response to this inquiry
SubscriptionRequestType	[0..1]	CodeSet	Used to subscribe / unsubscribe for margin requirement reports. If the field is absent, the default will be snapshot request only - no subscription.
ResponseTransportType	[0..1]	CodeSet	Ability to specify whether the response to the request should be delivered inband or via pre-arranged out-of-band transport.
ResponseDestination	[0..1]	String	URI destination name. Used if ResponseTransportType is out-of-band.
Parties	[0..*]	Group	
ClearingBusinessDate	[0..1]	LocalMktDate	Indicates the date for which the margin is to be calculated
SettlSessID	[0..1]	CodeSet	Indicates the settlement session for which the margin is to be calculated – End Of Day or Intraday
SettlSessSubID	[0..1]	String	
MarginClass	[0..1]	String	Used to identify a group of instruments with similar risk profile.

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<b>Name</b>	<b>Mult.</b>	<b>Type</b>	<b>Description</b>
Instrument	[0..1]	Component	
TransactTime	[0..1]	UTCTimestamp	Represents the time this message was generated
Text	[0..1]	String	
EncodedTextLen	[0..1]	Length	Must be set if EncodedText field is specified and must immediately precede it.
EncodedText	[0..1]	data	Encoded (non-ASCII characters) representation of the Text field in the encoded format specified via the MessageEncoding field.
StandardTrailer	[1..1]	Component	

---

## 52 MarginRequirementReport

Category: MarginRequirementManagement

### 52.1 Message Functionality

The Margin Requirement Report returns information about margin requirement either as an overview across all margin accounts or on a detailed level due to the inquiry making use of the optional Instrument component block. Application sequencing can be used to re-request a range of reports.

### 52.2 Structure

Name	Mult.	Type	Description
StandardHeader	[1..1]	Component	MsgType = CJ
ApplicationSequenceControl	[0..1]	Component	
MarginReqmtRptID	[1..1]	String	Unique identifier for this margin requirement report
MarginReqmtInqID	[0..1]	String	Unique identifier for the inquiry associated with this report. This field should not be provided if the report was sent unsolicited.
MarginReqmtRptType	[1..1]	CodeSet	Type of report provided
TotNumReports	[0..1]	int	Total number of reports generated in response to inquiry referenced by MarginReqmtInqID
LastRptRequested	[0..1]	CodeSet	
UnsolicitedIndicator	[0..1]	CodeSet	Set to 'Y' if message is sent as a result of a subscription request or out of band configuration as opposed to a Margin Requirement Inquiry.
Parties	[0..*]	Group	
RegulatoryReportType	[0..1]	CodeSet	
RegulatoryReportTypeBusinessDate	[0..1]	LocalMktDate	May be used when the business event date differs from when the regulatory report is actually being submitted (typically specified in TrdRegTimestamps component).
TrdRegTimestamps	[0..*]	Group	
ClearingBusinessDate	[0..1]	LocalMktDate	Indicates the date for which the margin is to be calculated
ClearingPortfolioID	[0..1]	String	

<b>Name</b>	<b>Mult.</b>	<b>Type</b>	<b>Description</b>
SettlSessID	[0..1]	CodeSet	Indicates the settlement session for which the margin is to be calculated – End Of Day or Intraday
SettlSessSubID	[0..1]	String	
MarginClass	[0..1]	String	Used to identify a group of instruments with similar risk profile.
Currency	[0..1]	Currency	Base currency of the margin requirement
CurrencyCodeSource	[0..1]	CodeSet	
Instrument	[0..1]	Component	
MarginAmount	[1..*]	Group	Margin requirement amounts
TransactTime	[0..1]	UTCTimestamp	Represents the time this message was generated
Text	[0..1]	String	
EncodedTextLen	[0..1]	Length	Must be set if EncodedText field is specified and must immediately precede it.
EncodedText	[0..1]	data	Encoded (non-ASCII characters) representation of the Text field in the encoded format specified via the MessageEncoding field.
StandardTrailer	[1..1]	Component	

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## 53 MarketDataIncrementalRefresh

Category: MarketData

### 53.1 Message Functionality

The Market Data message for incremental updates may contain any combination of new, changed, or deleted Market Data Entries, for any combination of instruments, with any combination of trades, imbalances, quotes, index values, open, close, settlement, high, low, and VWAP prices, trade volume and open interest so long as the maximum FIX message size is not exceeded. All of these types of Market Data Entries can be changed and deleted.

### 53.2 Structure

Name	Mult.	Type	Description
StandardHeader	[1..1]	Component	MsgType = X
ApplicationSequenceControl	[0..1]	Component	
MDBookType	[0..1]	CodeSet	Describes the type of book for which the feed is intended. Can be used when multiple feeds are provided over the same connection
MDFeedType	[0..1]	String	Describes a class of service for a given data feed, ie Regular and Market Maker
MDSubFeedType	[0..1]	String	
TradeDate	[0..1]	LocalMktDate	Used to specify the trading date for which a set of market data applies
MDReqID	[0..1]	String	Conditionally required if this message is in response to a Market Data Request.
MarketID	[0..1]	Exchange	
MarketSegmentID	[0..1]	String	
MDIncGrp	[1..*]	Group	Number of entries following.
ApplQueueDepth	[0..1]	int	Depth of application messages queued for transmission as of delivery of this message
ApplQueueResolution	[0..1]	CodeSet	Action taken to resolve application queuing
RoutingGrp	[0..*]	Group	
StandardTrailer	[1..1]	Component	

## 54 MarketDataReport

Category: MarketData

### 54.1 Message Functionality

The MarketDataReport(35=DR) message is used to provide delimiting references (e.g. start and end markers in a continuous broadcast) and details about the number of market data messages sent in a given distribution cycle.

### 54.2 Structure

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Name	Mult.	Type	Description
StandardHeader	[1..1]	Component	MsgType = DR
ApplicationSequenceControl	[0..1]	Component	
MDReportID	[0..1]	int	Unique identifier for MarketDataReport(35=DR).
MDReportEvent	[1..1]	CodeSet	
MDReportCount	[1..1]	int	
TransactTime	[0..1]	UTCTimestamp	
TotNumReports	[0..1]	int	
TotNoMarketSegmentReports	[0..1]	int	
TotNoInstrumentReports	[0..1]	int	
TotNoPartyDetailReports	[0..1]	int	
TotNoEntitlementReports	[0..1]	int	
TotNoRiskLimitReports	[0..1]	int	
StandardTrailer	[1..1]	Component	

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## 55 MarketDataRequest

Category: MarketData

### 55.1 Message Functionality

Some systems allow the transmission of real-time quote, order, trade, trade volume, open interest, and/or other price information on a subscription basis. A MarketDataRequest(35=V) is a general request for market data on specific securities or forex quotes. The values in the fields provided within the request will serve as further filter criteria for the result set.

### 55.2 Structure

Name	Mult.	Type	Description
StandardHeader	[1..1]	Component	MsgType = V
MDReqID	[1..1]	String	Must be unique, or the ID of previous Market Data Request to disable if SubscriptionRequestType(263) = 2(Disable previous Snapshot + Updates Request).
SubscriptionRequestType	[1..1]	CodeSet	SubscriptionRequestType(263) indicates to the other party what type of response is expected. A snapshot request only asks for current information. A subscribe request asks for updates as the status changes. Unsubscribe will cancel any future update messages from the counter party.
Parties	[0..*]	Group	
MarketDepth	[1..1]	int	
MDUpdateType	[0..1]	CodeSet	Required if SubscriptionRequestType(263) = 1(Snapshot + Updates).
AggregatedBook	[0..1]	CodeSet	
OpenCloseSettlFlag	[0..1]	CodeSet	Can be used to clarify a request if MDEntryType(269) = 4 (Opening price), 5 (Closing price), or 6 (Settlement price).
Scope	[0..1]	CodeSet	Defines the scope(s) of the request
MDImplicitDelete	[0..1]	CodeSet	Can be used when MarketDepth(254) >= 2 and MDUpdateType(265) = 1(Incremental Refresh).
MDReqGrp	[1..*]	Group	



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<b>Name</b>	<b>Mult.</b>	<b>Type</b>	<b>Description</b>
MarketSegmentScopeGrp	[0..*]	Group	Can be used to limit the result set to the specified markets or market segments.
InstrmtMDReqGrp	[1..*]	Group	
TrdgSesGrp	[0..*]	Group	
ApplQueueAction	[0..1]	CodeSet	Action to take if application level queuing exists
ApplQueueMax	[0..1]	int	Maximum application queue depth that must be exceeded before queuing action is taken.
MDQuoteType	[0..1]	CodeSet	
FastMarketIndicator	[0..1]	Boolean	
StandardTrailer	[1..1]	Component	

---

## 56 MarketDataRequestReject

Category: MarketData

### 56.1 Message Functionality

The Market Data Request Reject is used when the broker cannot honor the Market Data Request, due to business or technical reasons. Brokers may choose to limit various parameters, such as the size of requests, whether just the top of book or the entire book may be displayed, and whether Full or Incremental updates must be used.

### 56.2 Structure

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Name	Mult.	Type	Description
StandardHeader	[1..1]	Component	MsgType = Y
MDReqID	[1..1]	String	Must refer to the MDReqID of the request.
Parties	[0..*]	Group	Insert here the set of Parties (firm identification) fields defined in "Common Components of Application Messages".
MDReqRejReason	[0..1]	CodeSet	
MDRjctGrp	[0..*]	Group	
Text	[0..1]	String	
EncodedTextLen	[0..1]	Length	Must be set if EncodedText field is specified and must immediately precede it.
EncodedText	[0..1]	data	Encoded (non-ASCII characters) representation of the Text field in the encoded format specified via the MessageEncoding field.
StandardTrailer	[1..1]	Component	

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## 57 MarketDataSnapshotFullRefresh

Category: MarketData

### 57.1 Message Functionality

The Market Data messages are used as the response to a Market Data Request message. In all cases, one Market Data message refers only to one Market Data Request. It can be used to transmit a 2-sided book of orders or list of quotes, a list of trades, index values, opening, closing, settlement, high, low, or VWAP prices, the trade volume or open interest for a security, or any combination of these.

### 57.2 Structure

Name	Mult.	Type	Description
StandardHeader	[1..1]	Component	MsgType = W
ApplicationSequenceControl	[0..1]	Component	
TotNumReports	[0..1]	int	Total number of reports returned in response to a request.
MDReportID	[0..1]	int	Unique identifier for the market data report.
ClearingBusinessDate	[0..1]	LocalMktDate	
MDBookType	[0..1]	CodeSet	Describes the type of book for which the feed is intended. Can be used when multiple feeds are provided over the same connection
MDSubBookType	[0..1]	int	Can be used to define a subordinate book.
MarketDepth	[0..1]	int	Can be used to define the current depth of the book.
MDFeedType	[0..1]	String	Describes a class of service for a given data feed, ie Regular and Market Maker
MDSubFeedType	[0..1]	String	
RefreshIndicator	[0..1]	Boolean	
TradeDate	[0..1]	LocalMktDate	Used to specify the trading date for which a set of market data applies
MDReqID	[0..1]	String	Conditionally required if this message is in response to a MarketDataRequest(35=V).
MDStreamID	[0..1]	String	
MarketID	[0..1]	Exchange	
MarketSegmentID	[0..1]	String	

<b>Name</b>	<b>Mult.</b>	<b>Type</b>	<b>Description</b>
Instrument	[1..1]	Component	
InstrumentExtension	[0..1]	Component	
FinancingDetails	[0..1]	Component	
UndInstrmtGrp	[0..*]	Group	
InstrmtLegGrp	[0..*]	Group	Required for multileg quotes
RelatedInstrumentGrp	[0..*]	Group	
LastUpdateTime	[1..1]	UTCTimestamp	
FinancialStatus	[0..1]	CodeSet	
CorporateAction	[0..1]	CodeSet	
NetChgPrevDay	[0..1]	PriceOffset	
MDSecurityTradingStatus	[0..1]	CodeSet	
MDHaltReason	[0..1]	CodeSet	
MDFullGrp	[1..*]	Group	
ApplQueueDepth	[0..1]	int	Depth of application messages queued for transmission as of delivery of this message
ApplQueueResolution	[0..1]	CodeSet	Action taken to resolve application queuing
RoutingGrp	[0..*]	Group	
StandardTrailer	[1..1]	Component	

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## 58 MarketDataStatisticsReport

Category: MarketData

### 58.1 Message Functionality

The MarketDataStatisticsReport(35=DP) is used to provide unsolicited statistical information or in response to a specific request. Each report contains a set of statistics for a single entity which could be a market, a market segment, a security list or an instrument.

### 58.2 Structure

Name	Mult.	Type	Description
StandardHeader	[1..1]	Component	MsgType = DP
ApplicationSequenceControl	[0..1]	Component	
MDStatisticRptID	[1..1]	String	Unique message identifier for the report.
MDStatisticReqID	[0..1]	String	Unique message identifier for the request. Conditionally required if report is sent in response to a MarketDataStatisticsRequest(35=DO) message.
MDStatisticRequestResult	[0..1]	CodeSet	Conditionally required if report is sent in response to a MarketDataStatisticsRequest(35=DO) message.
UnsolicitedIndicator	[0..1]	CodeSet	Set to 'Y' if message is sent as a result of a subscription request not a snapshot request
Parties	[0..*]	Group	
CustOrderCapacity	[0..1]	CodeSet	
TradeDate	[0..1]	LocalMktDate	
MarketID	[0..1]	Exchange	
MarketSegmentID	[0..1]	String	
MarketSegmentDesc	[0..1]	String	
EncodedMktSegmDescLen	[0..1]	Length	Must be set if EncodedMktSegmDesc(1398) field is specified and must immediately precede it.
EncodedMktSegmDesc	[0..1]	data	Encoded (non-ASCII characters) representation of the MarketDesgmentDesc(1396) field in the encoded format specified via the MessageEncoding(347) field.

<b>Name</b>	<b>Mult.</b>	<b>Type</b>	<b>Description</b>
SecurityListID	[0..1]	String	
Currency	[0..1]	Currency	
CurrencyCodeSource	[0..1]	CodeSet	
Instrument	[0..1]	Component	
InstrumentExtension	[0..1]	Component	
FinancingDetails	[0..1]	Component	
UndInstrmtGrp	[0..*]	Group	
InstrmtLegGrp	[0..*]	Group	
RelatedInstrumentGrp	[0..*]	Group	
MDStatisticRptGrp	[1..*]	Group	Specifies the resulting statistics information and corresponding statistical parameters.
TransactTime	[0..1]	UTCTimestamp	Time that the report was provided.
Text	[0..1]	String	
EncodedTextLen	[0..1]	Length	Must be set if EncodedText(355) field is specified and must immediately precede it.
EncodedText	[0..1]	data	Encoded (non-ASCII characters) representation of the Text(58) field in the encoded format specified via the MessageEncoding(347) field.
StandardTrailer	[1..1]	Component	

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## 59 MarketDataStatisticsRequest

Category: MarketData

### 59.1 Message Functionality

The MarketDataStatisticsRequest(35=DO) is used to request for statistical data. The simple form is to use an identifier (MDStatisticID(2475)) assigned by the market place which would denote a pre-defined statistical report. Alternatively, or also in addition, the request can define a number of parameters for the desired statistical information.

### 59.2 Structure

Name	Mult.	Type	Description
StandardHeader	[1..1]	Component	MsgType=DO
MDStatisticReqID	[1..1]	String	Unique message identifier for the request or the identifier of a previous request when unsubscribing.
SubscriptionRequestType	[1..1]	CodeSet	Used to subscribe / unsubscribe for market data statistics reports or to request a one-time snapshot of the current information.
Parties	[0..*]	Group	
TradeDate	[0..1]	LocalMktDate	Used to specify the business date.
MarketID	[0..1]	Exchange	Used to specify a single market.
MarketSegmentID	[0..1]	String	Used to specify a single market segment.
MarketSegmentDesc	[0..1]	String	
EncodedMktSegmDescLen	[0..1]	Length	Must be set if EncodedMktSegmDesc(1398) field is specified and must immediately precede it.
EncodedMktSegmDesc	[0..1]	data	Encoded (non-ASCII characters) representation of the MarketSegmentDesc(1396) field in the encoded format specified via the MessageEncoding(347) field.
SecurityListID	[0..1]	String	Used to reference an entire group of instruments for which a single set of statistics is to be calculated.
Instrument	[0..1]	Component	Used to specify an individual instrument or instrument attributes for which a single set of statistics is to be calculated.

<b>Name</b>	<b>Mult.</b>	<b>Type</b>	<b>Description</b>
InstrumentExtension	[0..1]	Component	
FinancingDetails	[0..1]	Component	
UndInstrmtGrp	[0..*]	Group	
InstrmtLegGrp	[0..*]	Group	
RelatedInstrumentGrp	[0..*]	Group	
MDStatisticReqGrp	[1..*]	Group	Used to specify the parameters for the calculation of statistics.
TransactTime	[0..1]	UTCTimestamp	Time that the request was submitted.
Text	[0..1]	String	
EncodedTextLen	[0..1]	Length	Must be set if EncodedText(355) field is specified and must immediately precede it.
EncodedText	[0..1]	data	Encoded (non-ASCII characters) representation of the Text(58) field in the encoded format specified via the MessageEncoding(347) field.
StandardTrailer	[0..1]	Component	

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## 60 MarketDefinition

Category: MarketStructureReferenceData

### 60.1 Message Functionality

The MarketDefinition(35=BU) message is used to respond to MarketDefinitionRequest(35=BT). In a subscription, it will be used to provide the initial snapshot of the information requested. Subsequent updates are provided by the MarketDefinitionUpdateReport(35=BV).

### 60.2 Structure

Name	Mult.	Type	Description
StandardHeader	[1..1]	Component	MsgType = BU
ApplicationSequenceControl	[0..1]	Component	
MarketReportID	[1..1]	String	Unique identifier for each market definition message.
MarketReqID	[0..1]	String	
MarketID	[1..1]	Exchange	
MarketSegmentID	[0..1]	String	
MarketSegmentDesc	[0..1]	String	
EncodedMktSegmDescLen	[0..1]	Length	Must be set if EncodedMktSegmDesc(1398) field is specified and must immediately precede it.
EncodedMktSegmDesc	[0..1]	data	Encoded (non-ASCII characters) representation of the MarketSegmDesc(1396) field in the encoded format specified via the MessageEncoding(347) field.
ParentMktSegmID	[0..1]	String	Specifies that the market segment specified in this message is a sub-segment of the market segment defined in this field.
MarketSegmentStatus	[0..1]	CodeSet	
MarketSegmentType	[0..1]	CodeSet	Used to specify the purpose of a special market segment identified by MarketSegmentID(1300). Conditionally required if MarketSegmentSubType(2544) is specified.
MarketSegmentSubType	[0..1]	CodeSet	
InstrumentScopeGrp	[0..*]	Group	Used to specify the types of securities that belong to the market segment.

Name	Mult.	Type	Description
RelatedMarketSegmentGrp	[0..*]	Group	Used to specify market segments that have a relationship to the market segment defined in this message.
Currency	[0..1]	Currency	The default trading currency
CurrencyCodeSource	[0..1]	CodeSet	
BaseTradingRules	[0..1]	Component	Used to specify the base trading rules for the identified market or market segment.
OrdTypeRules	[0..*]	Group	Used to specify the order types that are valid for trading on the identified market or market segment.
TimeInForceRules	[0..*]	Group	Used to specify the time in force rules that are valid for trading on the identified market or market segment.
ExecInstRules	[0..*]	Group	Used to specify the execution instructions that are valid for trading on the identified market or market segment.
AuctionTypeRuleGrp	[0..*]	Group	Used to specify the auction order types that are valid for trading on the identified market or market segment.
MarketDataFeedTypes	[0..*]	Group	Used to specify the market data feed types that are valid for trading on the identified market or market segment.
MatchRules	[0..*]	Group	Used to specify the matching rules that are valid for trading on the identified market or market segment.
FlexProductEligibilityGrp	[0..*]	Group	Specifies the eligibility indicators for the creation of flexible securities.
Parties	[0..*]	Group	Specifies parties relevant for the market or market segment, e.g. market makers.
MiscFeesGrp	[0..*]	Group	
EffectiveBusinessDate	[0..1]	LocalMktDate	
TransactTime	[0..1]	UTCTimestamp	
Text	[0..1]	String	
EncodedTextLen	[0..1]	Length	Must be set if EncodedText(355) field is specified and must immediately precede it.
EncodedText	[0..1]	data	Encoded (non-ASCII characters) representation of the Text(58) field in the encoded format specified via the MessageEncoding(347) field.

StandardTrailer

[1..1] Component

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## 61 MarketDefinitionRequest

Category: MarketStructureReferenceData

### 61.1 Message Functionality

The Market Definition Request message is used to request for market structure information from the Respondent that receives this request.

### 61.2 Structure

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Name	Mult.	Type	Description
StandardHeader	[1..1]	Component	MsgType = BT
MarketReqID	[1..1]	String	Must be unique, or the ID of previous Market Segment Request to disable if SubscriptionRequestType = Disable previous Snapshot + Updates Request(2).
SubscriptionRequestType	[1..1]	CodeSet	
MarketID	[0..1]	Exchange	Conditionally required if MarketSegmentID(1300) is specified on the request
MarketSegmentID	[0..1]	String	
ParentMktSegmID	[0..1]	String	Specifies that the Market Segment is a sub segment of the Market Segment defined in this field.
StandardTrailer	[1..1]	Component	

---

## 62 MarketDefinitionUpdateReport

Category: MarketStructureReferenceData

### 62.1 Message Functionality

In a subscription for market structure information, this message is used once the initial snapshot of the information has been sent using the MarketDefinition(35=BU) message.

### 62.2 Structure

Name	Mult.	Type	Description
StandardHeader	[1..1]	Component	MsgType = BV
ApplicationSequenceControl	[0..1]	Component	
MarketReportID	[1..1]	String	Unique identifier for each market definition message.
MarketReqID	[0..1]	String	
MarketUpdateAction	[0..1]	CodeSet	Specifies the action taken
MarketID	[1..1]	Exchange	
MarketSegmentID	[0..1]	String	
MarketSegmentDesc	[0..1]	String	
EncodedMktSegmDescLen	[0..1]	Length	Must be set if EncodedMktSegmDesc(1398) field is specified and must immediately precede it.
EncodedMktSegmDesc	[0..1]	data	Encoded (non-ASCII characters) representation of the MarketSegmDesc(1396) field in the encoded format specified via the MessageEncoding(347) field.
ParentMktSegmID	[0..1]	String	Specifies that the market segment specified in this message is a sub-segment of the market segment defined in this field.
MarketSegmentStatus	[0..1]	CodeSet	
MarketSegmentType	[0..1]	CodeSet	Used to specify the purpose of a special market segment identified by MarketSegmentID(1300). Conditionally required if MarketSegmentSubType(2544) is specified.
MarketSegmentSubType	[0..1]	CodeSet	
InstrumentScopeGrp	[0..*]	Group	Used to specify the types of securities that belong to the market segment.

Name	Mult.	Type	Description
RelatedMarketSegmentGrp	[0..*]	Group	Used to specify market segments that have a relationship to the market segment defined in this message.
Currency	[0..1]	Currency	The default trading currency
CurrencyCodeSource	[0..1]	CodeSet	
BaseTradingRules	[0..1]	Component	Used to specify the valid base trading rules for the identified market or market segment.
OrdTypeRules	[0..*]	Group	Used to specify the order types that are valid for trading on the identified market or market segment.
TimeInForceRules	[0..*]	Group	Used to specify the time in force rules that are valid for trading on the identified market or market segment.
ExecInstRules	[0..*]	Group	Used to specify the execution instructions that are valid for trading on the identified market or market segment.
AuctionTypeRuleGrp	[0..*]	Group	Used to specify the auction order types that are valid for trading on the identified market or market segment.
MarketDataFeedTypes	[0..*]	Group	Used to specify the market data feed types that are valid for trading on the identified market or market segment.
MatchRules	[0..*]	Group	Used to specify the matching rules that are valid for trading on the identified market or market segment.
FlexProductEligibilityGrp	[0..*]	Group	Specifies the eligibility indicators for the creation of flexible securities.
Parties	[0..*]	Group	Specifies parties relevant for the market or market segment, e.g. market makers.
EffectiveBusinessDate	[0..1]	LocalMktDate	
TransactTime	[0..1]	UTCTimestamp	
Text	[0..1]	String	
EncodedTextLen	[0..1]	Length	Must be set if EncodedText(355) field is specified and must immediately precede it.
EncodedText	[0..1]	data	Encoded (non-ASCII characters) representation of the Text(58) field in the encoded format specified via the MessageEncoding(347) field.
StandardTrailer	[1..1]	Component	

## 63 MassOrder

Category: OrderMassHandling

### 63.1 Message Functionality

The MassOrder(35=DJ) message can be used to add, modify or delete multiple unrelated orders with a single message. Apart from clearing related attributes, only the key order attributes for high performance trading are available.

### 63.2 Structure

Name	Mult.	Type	Description
StandardHeader	[1..1]	Component	MsgType=DJ
MassOrderRequestID	[1..1]	String	
OrderResponseLevel	[0..1]	CodeSet	
MarketID	[0..1]	Exchange	
MarketSegmentID	[0..1]	String	
Parties	[0..*]	Group	This is party information related to the submitter.
TradingCapacity	[0..1]	CodeSet	
ClearingAccountType	[0..1]	CodeSet	
Account	[0..1]	String	
AcctIDSource	[0..1]	CodeSet	
AccountType	[0..1]	CodeSet	
OrderCapacity	[0..1]	CodeSet	
OrderRestrictions	[0..1]	CodeSet	
CustOrderCapacity	[0..1]	CodeSet	
ManualOrderIndicator	[0..1]	Boolean	
CustOrderHandlingInst	[0..1]	CodeSet	
TransactTime	[0..1]	UTCTimestamp	
Text	[0..1]	String	
EncodedTextLen	[0..1]	Length	Must be set if EncodedText(355) field is specified and must immediately precede it.
EncodedText	[0..1]	data	Encoded (non-ASCII characters) representation of the Text(58) field in the encoded format specified via the MessageEncoding(347) field.

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<b>Name</b>	<b>Mult.</b>	<b>Type</b>	<b>Description</b>
ThrottleInst	[0..1]	CodeSet	
TotNoOrderEntries	[0..1]	int	Used to support fragmentation. Sum of NoOrderEntries(2428) within the OrderEntryGrp across all messages with the same MassOrderRequestID(2423).
LastFragment	[0..1]	CodeSet	Indicates whether this is the last fragment in a sequence of message fragments. Only required where message has been fragmented.
OrderEntryGrp	[1..*]	Group	
StandardTrailer	[1..1]	Component	

---



## 64 MassOrderAck

Category: OrderMassHandling

### 64.1 Message Functionality

The mass order acknowledgement message is used to acknowledge the receipt of and the status for a MassOrder(35=DJ) message.

### 64.2 Structure

Name	Mult.	Type	Description
StandardHeader	[1..1]	Component	MsgType=DK
ApplicationSequenceControl	[0..1]	Component	For use in drop copy applications. NOT FOR USE in transactional applications.
MassOrderRequestID	[0..1]	String	
MassOrderReportID	[0..1]	String	
MassOrderRequestStatus	[1..1]	CodeSet	Message level request status
MassOrderRequestResult	[0..1]	CodeSet	Message level request result
OrderResponseLevel	[0..1]	CodeSet	Level of response requested from receiver of MassOrder (35=DJ) message.
RejectText	[0..1]	String	
EncodedRejectTextLen	[0..1]	Length	Must be set if EncodedRejectText(1665) field is specified and must immediately precede it.
EncodedRejectText	[0..1]	data	Encoded (non-ASCII characters) representation of the RejectText(1328) field in the encoded format specified via the MessageEncoding(347) field.
MarketID	[0..1]	Exchange	
MarketSegmentID	[0..1]	String	
Parties	[0..*]	Group	
TradingCapacity	[1..1]	CodeSet	
ClearingAccountType	[0..1]	CodeSet	
Account	[0..1]	String	
AcctIDSource	[0..1]	CodeSet	
AccountType	[0..1]	CodeSet	
OrderCapacity	[0..1]	CodeSet	

<b>Name</b>	<b>Mult.</b>	<b>Type</b>	<b>Description</b>
OrderRestrictions	[0..1]	CodeSet	
CustOrderCapacity	[0..1]	CodeSet	
ManualOrderIndicator	[0..1]	Boolean	
CustOrderHandlingInst	[0..1]	CodeSet	
TransactTime	[0..1]	UTCTimestamp	
Text	[0..1]	String	
EncodedTextLen	[0..1]	Length	Must be set if EncodedRejectText(355) field is specified and must immediately precede it.
EncodedText	[0..1]	data	Encoded (non-ASCII characters) representation of the RejectText(1328) field in the encoded format specified via the MessageEncoding(347) field.
CopyMsgIndicator	[0..1]	Boolean	
TotNoOrderEntries	[0..1]	int	Used to support fragmentation. Sum of NoOrderEntries(2428) within the OrderEntryAckGrp across all messages with the same MassOrderRequestID(2423).
LastFragment	[0..1]	CodeSet	Indicates whether this is the last fragment in a sequence of message fragments. Only required where message has been fragmented.
ThrottleResponse	[0..1]	Component	
OrderEntryAckGrp	[0..*]	Group	
StandardTrailer	[1..1]	Component	

---

## 65 MassQuote

Category: QuotationNegotiation

### 65.1 Message Functionality

The Mass Quote message can contain quotes for multiple securities to support applications that allow for the mass quoting of an option series. Two levels of repeating groups have been provided to minimize the amount of data required to submit a set of quotes for a class of options (e.g. all option series for IBM).

### 65.2 Structure

Name	Mult.	Type	Description
StandardHeader	[1..1]	Component	MsgType = i (lowercase)
QuoteReqID	[0..1]	String	Required when quote is in response to a Quote Request message
QuoteID	[1..1]	String	
QuoteType	[0..1]	CodeSet	Type of Quote. Default is Indicative if not specified
QuoteModelType	[0..1]	CodeSet	
QuoteResponseLevel	[0..1]	CodeSet	Level of Response requested from receiver of quote messages.
Parties	[0..*]	Group	Insert here the set of "Parties" (firm identification) fields defined in "Common Components of Application Messages"
Account	[0..1]	String	
AcctIDSource	[0..1]	CodeSet	
AccountType	[0..1]	CodeSet	Type of account associated with the order (Origin)
DefBidSize	[0..1]	Qty	Default Bid Size for quote contained within this quote message - if not explicitly provided.
DefOfferSize	[0..1]	Qty	Default Offer Size for quotes contained within this quote message - if not explicitly provided.
QuotSetGrp	[1..*]	Group	The number of sets of quotes in the message
SelfMatchPreventionID	[0..1]	String	
SelfMatchPreventionInstruction	[0..1]	CodeSet	
ThrottleInst	[0..1]	CodeSet	

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<b>Name</b>	<b>Mult.</b>	<b>Type</b>	<b>Description</b>
ComplianceID	[0..1]	String	
ComplianceText	[0..1]	String	
EncodedComplianceTextLen	[0..1]	Length	Must be set if EncodedComplianceText(2352) field is specified and must immediately precede it.
EncodedComplianceText	[0..1]	data	Encoded (non-ASCII characters) representation of the ComplianceText(2404) field in the encoded format specified via the MessageEncoding(347) field.
StandardTrailer	[1..1]	Component	

---

## 66 MassQuoteAck

Category: QuotationNegotiation

### 66.1 Message Functionality

Mass Quote Acknowledgement is used as the application level response to a Mass Quote message.

### 66.2 Structure

Name	Mult.	Type	Description
StandardHeader	[1..1]	Component	MsgType = b (lowercase)
QuoteReqID	[0..1]	String	Required when acknowledgment is in response to a Quote Request message
QuoteID	[0..1]	String	Required when acknowledgment is in response to a Mass Quote, mass Quote Cancel or mass Quote Status Request message. Maps to: - QuoteID(117) of a Mass Quote. - QuoteMsgID(1166) of Quote Cancel. - QuoteStatusReqID(649) of Quote Status Request
QuoteStatus	[1..1]	CodeSet	Status of the mass quote acknowledgement.
QuoteRejectReason	[0..1]	CodeSet	Reason Quote was rejected.
QuoteResponseLevel	[0..1]	CodeSet	Level of Response requested from receiver of quote messages. Is echoed back to the counterparty.
QuoteType	[0..1]	CodeSet	Type of Quote
QuoteCancelType	[0..1]	CodeSet	
Parties	[0..*]	Group	Insert here the set of "Parties" (firm identification) fields defined in "Common Components of Application Messages"
TargetParties	[0..*]	Group	Should be populated if the Mass Quote Acknowledgement is acknowledging a mass quote cancellation by party.
Account	[0..1]	String	
AcctIDSource	[0..1]	CodeSet	
AccountType	[0..1]	CodeSet	Type of account associated with the order (Origin)
ComplianceID	[0..1]	String	
ComplianceText	[0..1]	String	

<b>Name</b>	<b>Mult.</b>	<b>Type</b>	<b>Description</b>
EncodedComplianceTextLen	[0..1]	Length	Must be set if EncodedComplianceText(2352) field is specified and must immediately precede it.
EncodedComplianceText	[0..1]	data	Encoded (non-ASCII characters) representation of the ComplianceText(2404) field in the encoded format specified via the MessageEncoding(347) field.
Text	[0..1]	String	
EncodedTextLen	[0..1]	Length	
EncodedText	[0..1]	data	
QuotSetAckGrp	[0..*]	Group	The number of sets of quotes in the message
ThrottleResponse	[0..1]	Component	
StandardTrailer	[1..1]	Component	

---

## 67 MultilegOrderCancelReplace

Category: MultilegOrders

### 67.1 Message Functionality

Used to modify a multileg order previously submitted using the New Order - Multileg message. See Order Cancel Replace Request for details concerning message usage.

### 67.2 Structure

Name	Mult.	Type	Description
StandardHeader	[1..1]	Component	MsgType = AC
OrderID	[0..1]	String	Unique identifier of most recent order as assigned by sell-side (broker, exchange, ECN).
OrderRequestID	[0..1]	int	Required if provided on the order being replaced (or cancelled). Echo back the value provided by the requester.
OrigClOrdID	[0..1]	String	ClOrdID of the previous order (NOT the initial order of the day) when canceling or replacing an order. Required when referring to orders that were electronically submitted over FIX or otherwise assigned a ClOrdID.
ClOrdID	[0..1]	String	Unique identifier of replacement order as assigned by institution or by the intermediary with closest association with the investor. Note that this identifier will be used in ClOrdID field of the Cancel Reject message if the replacement request is rejected.
SecondaryClOrdID	[0..1]	String	
ClOrdLinkID	[0..1]	String	
OrigOrdModTime	[0..1]	UTCTimestamp	
Parties	[0..*]	Group	This is party information related to the submitter of the request.
TargetParties	[0..*]	Group	Identifies parties not directly associated with or owning the order, who are to be informed to effect processing of the order.
TradeOriginationDate	[0..1]	LocalMktDate	

Name	Mult.	Type	Description
TradeDate	[0..1]	LocalMktDate	
Account	[0..1]	String	
AcctIDSource	[0..1]	CodeSet	
AccountType	[0..1]	CodeSet	
DayBookingInst	[0..1]	CodeSet	
BookingUnit	[0..1]	CodeSet	
PreallocMethod	[0..1]	CodeSet	
AllocID	[0..1]	String	Used to assign an identifier to the block of individual preallocations
PreAllocMlegGrp	[0..*]	Group	Number of repeating groups for pre-trade allocation
SettlType	[0..1]	CodeSet	
SettlDate	[0..1]	LocalMktDate	Takes precedence over SettlType value and conditionally required/omitted for specific SettlType values.
CashMargin	[0..1]	CodeSet	
ClearingFeeIndicator	[0..1]	CodeSet	
HandlInst	[0..1]	CodeSet	
ExecInst	[0..1]	CodeSet	Can contain multiple instructions, space delimited. If OrdType=P, exactly one of the following values (ExecInst = L, R, M, P, O, T, or W) must be specified.
AuctionInstruction	[0..1]	CodeSet	
MinQty	[0..1]	Qty	
MinQtyMethod	[0..1]	CodeSet	
MatchIncrement	[0..1]	Qty	
MaxPriceLevels	[0..1]	int	
MaximumPriceDeviation	[0..1]	Percentage	
ValueChecksGrp	[0..*]	Group	
MatchingInstructions	[0..*]	Group	
SelfMatchPreventionID	[0..1]	String	May be used as an alternative to MatchingInstructions when the identifier does not appear in another field.
SelfMatchPreventionInstruction	[0..1]	CodeSet	
DisplayInstruction	[0..1]	Component	
DisclosureInstructionGrp	[0..*]	Group	Specifies instructions to disclose certain order level information in market data.



Name	Mult.	Type	Description
MaxFloor	[0..1]	Qty	
MarketSegmentID	[0..1]	String	
ExDestination	[0..1]	Exchange	
ExDestinationIDSource	[0..1]	CodeSet	
ExDestinationType	[0..1]	CodeSet	
TrdgSesGrp	[0..*]	Group	Specifies the number of repeating TradingSessionIDs
ProcessCode	[0..1]	CodeSet	Used to identify soft trades at order entry.
Side	[1..1]	CodeSet	Additional enumeration that indicates this is an order for a multileg order and that the sides are specified in the Instrument Leg component block.
ShortMarkingExemptIndicator	[0..1]	Boolean	
Instrument	[0..1]	Component	
UndInstrmtGrp	[0..*]	Group	Number of underlyings
PrevClosePx	[0..1]	Price	Useful for verifying security identification
SwapPoints	[0..1]	PriceOffset	
LegOrdGrp	[0..*]	Group	Number of legs
LocateReqd	[0..1]	CodeSet	Required for short sell orders
TransactTime	[1..1]	UTCTimestamp	Time this order request was initiated/released by the trader, trading system, or intermediary.
QtyType	[0..1]	CodeSet	
OrderQtyData	[0..1]	Component	Conditionally required when the OrderQtyData component is specified in the NewOrderMultileg(35=AB) message.
OrdType	[1..1]	CodeSet	
MultilegModel	[0..1]	CodeSet	
MultilegPriceMethod	[0..1]	CodeSet	
PriceType	[0..1]	CodeSet	
Price	[0..1]	Price	Required for limit OrdTypes. For F/X orders, should be the "all-in" rate (spot rate adjusted for forward points). Can be used to specify a limit price for a pegged order, previously indicated, etc.
PriceProtectionScope	[0..1]	CodeSet	
StopPx	[0..1]	Price	Required for OrdType = "Stop" or OrdType = "Stop limit".

Name	Mult.	Type	Description
TriggeringInstruction	[0..1]	Component	Insert here the set of "TriggeringInstruction" fields defined in "common components of application messages"
Currency	[0..1]	Currency	
CurrencyCodeSource	[0..1]	CodeSet	
ComplianceID	[0..1]	String	
ComplianceText	[0..1]	String	
EncodedComplianceTextLen	[0..1]	Length	Must be set if EncodedComplianceText(2352) field is specified and must immediately precede it.
EncodedComplianceText	[0..1]	data	Encoded (non-ASCII characters) representation of the ComplianceText(2404) field in the encoded format specified via the MessageEncoding(347) field.
SolicitedFlag	[0..1]	CodeSet	
IOIID	[0..1]	String	Required for Previously Indicated Orders (OrdType=E)
QuoteID	[0..1]	String	Required for Previously Quoted Orders (OrdType=D)
TimeInForce	[0..1]	CodeSet	Absence of this field indicates Day order
EffectiveTime	[0..1]	UTCTimestamp	Can specify the time at which the order should be considered valid
ExpireDate	[0..1]	LocalMktDate	Conditionally required if TimeInForce = GTD and ExpireTime is not specified.
ExpireTime	[0..1]	UTCTimestamp	Conditionally required if TimeInForce = GTD and ExpireDate is not specified.
GTBookingInst	[0..1]	CodeSet	States whether executions are booked out or accumulated on a partially filled GT order
ExposureDuration	[0..1]	int	Conditionally required when TimeInForce(59)=10 (Good for Time)
ExposureDurationUnit	[0..1]	CodeSet	
CommissionData	[0..1]	Component	
CommissionDataGrp	[0..*]	Group	Use as an alternative to CommissionData component if multiple commissions or enhanced attributes are needed.
OrderCapacity	[0..1]	CodeSet	
OrderRestrictions	[0..1]	CodeSet	
TradingCapacity	[0..1]	CodeSet	
PreTradeAnonymity	[0..1]	Boolean	

Name	Mult.	Type	Description
TradePublishIndicator	[0..1]	CodeSet	
CustOrderCapacity	[0..1]	CodeSet	
OrderOrigination	[0..1]	CodeSet	
OrderAttributeGrp	[0..*]	Group	
ForexReq	[0..1]	CodeSet	Indicates that broker is requested to execute a Forex accommodation trade in conjunction with the security trade.
SettlCurrency	[0..1]	Currency	Required if ForexReq = Y.
SettlCurrencyCodeSource	[0..1]	CodeSet	
BookingType	[0..1]	CodeSet	Method for booking out this order. Used when notifying a broker that an order to be settled by that broker is to be booked out as an OTC derivative (e.g. CFD or similar). Absence of this field implies regular booking.
Text	[0..1]	String	
EncodedTextLen	[0..1]	Length	Must be set if EncodedText field is specified and must immediately precede it.
EncodedText	[0..1]	data	Encoded (non-ASCII characters) representation of the Text field in the encoded format specified via the MessageEncoding field.
ClearingAccountType	[0..1]	CodeSet	
PositionEffect	[0..1]	CodeSet	For use in derivatives omnibus accounting
CoveredOrUncovered	[0..1]	CodeSet	For use with derivatives, such as options
MaxShow	[0..1]	Qty	
PegInstructions	[0..1]	Component	Insert here the set of "PegInstruction" fields defined in "Common Components of Application Messages"
DiscretionInstructions	[0..1]	Component	Insert here the set of "DiscretionInstruction" fields defined in "Common Components of Application Messages"
TargetStrategy	[0..1]	CodeSet	The target strategy of the order
StrategyParametersGrp	[0..*]	Group	Strategy parameter block
TargetStrategyParameters	[0..1]	String	For further specification of the TargetStrategy
RiskFreeRate	[0..1]	float	

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<b>Name</b>	<b>Mult.</b>	<b>Type</b>	<b>Description</b>
ParticipationRate	[0..1]	Percentage	Mandatory for a TargetStrategy=Participate order and specifies the target participation rate. For other order types optionally specifies a volume limit (i.e. do not be more than this percent of the market volume)
CancellationRights	[0..1]	CodeSet	For CIV - Optional
MoneyLaunderingStatus	[0..1]	CodeSet	
RegistID	[0..1]	String	Reference to Registration Instructions message for this Order.
Designation	[0..1]	String	Supplementary registration information for this Order
OwnerType	[0..1]	CodeSet	
OrderOwnershipIndicator	[0..1]	CodeSet	Can be used to request change of order ownership.
MultiLegRptTypeReq	[0..1]	CodeSet	Indicates the method of execution reporting requested by issuer of the order.
ThrottleInst	[0..1]	CodeSet	
AuctionType	[0..1]	CodeSet	Conditionally required for auction orders.
AuctionAllocationPct	[0..1]	Percentage	
RelatedHighPrice	[0..1]	Price	
RelatedLowPrice	[0..1]	Price	
RelatedPriceSource	[0..1]	CodeSet	
StandardTrailer	[1..1]	Component	

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## 68 NetworkCounterpartySystemStatusRequest

Category: Network

### 68.1 Message Functionality

This message is send either immediately after logging on to inform a network (counterparty system) of the type of updates required or to at any other time in the FIX conversation to change the nature of the types of status updates required. It can also be used with a NetworkRequestType of Snapshot to request a one-off report of the status of a network (or counterparty) system. Finally this message can also be used to cancel a request to receive updates into the status of the counterparties on a network by sending a NetworkRequestStatusMessage with a NetworkRequestType of StopSubscribing.

### 68.2 Structure

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Name	Mult.	Type	Description
StandardHeader	[1..1]	Component	MsgType = "BC"
NetworkRequestType	[1..1]	CodeSet	
NetworkRequestID	[1..1]	String	
CompIDReqGrp	[0..*]	Group	Used to restrict updates/request to a list of specific CompID/SubID/LocationID/DeskID combinations. If not present request applies to all applicable available counterparties. EG Unless one sell side broker was a customer of another you would not expect to see information about other brokers, similarly one fund manager etc.
StandardTrailer	[1..1]	Component	

---

## 69 NetworkCounterpartySystemStatusResponse

Category: Network

### 69.1 Message Functionality

This message is sent in response to a Network (Counterparty System) Status Request Message.

### 69.2 Structure

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Name	Mult.	Type	Description
StandardHeader	[1..1]	Component	MsgType = "BD"
NetworkStatusResponseType	[1..1]	CodeSet	
NetworkRequestID	[0..1]	String	
NetworkResponseID	[1..1]	String	
LastNetworkResponseID	[0..1]	String	Required when NetworkStatusResponseType=2
ComplDStatGrp	[1..*]	Group	Specifies the number of repeating Compld's
StandardTrailer	[1..1]	Component	

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## 70 NewOrderCross

Category: CrossOrders

### 70.1 Message Functionality

Used to submit a cross order into a market. The cross order contains two order sides (a buy and a sell). The cross order is identified by its CrossID.

### 70.2 Structure

Name	Mult.	Type	Description
StandardHeader	[1..1]	Component	MsgType = s (lowercase S)
CrossID	[1..1]	String	
OrderRequestID	[0..1]	int	
CrossType	[1..1]	CodeSet	
CrossPrioritization	[1..1]	CodeSet	
RootParties	[0..*]	Group	Insert here the set of "Root Parties" fields defined in "common components of application messages" Used for acting parties that applies to the whole message, not individual sides.
SideCrossOrdModGrp	[1..*]	Group	Must be 1 or 2. 1 or 2 if CrossType=1. 2 otherwise
Instrument	[1..1]	Component	Insert here the set of "Instrument" (symbology) fields defined in "Common Components of Application Messages"
UndInstrmtGrp	[0..*]	Group	Number of underlyings
InstrmtLegGrp	[0..*]	Group	Number of Legs
SettlType	[0..1]	CodeSet	
SettlDate	[0..1]	LocalMktDate	Takes precedence over SettlType value and conditionally required/omitted for specific SettlType values.
HandlInst	[0..1]	CodeSet	
ExecInst	[0..1]	CodeSet	Can contain multiple instructions, space delimited. If OrdType=P, exactly one of the following values (ExecInst = L, R, M, P, O, T, or W) must be specified.
MinQty	[0..1]	Qty	

Name	Mult.	Type	Description
MinQtyMethod	[0..1]	CodeSet	
MatchIncrement	[0..1]	Qty	
MaxPriceLevels	[0..1]	int	
DisplayInstruction	[0..1]	Component	Insert here the set of "DisplayInstruction" fields defined in "common components of application messages"
MaxFloor	[0..1]	Qty	
MarketSegmentID	[0..1]	String	
ExDestination	[0..1]	Exchange	
ExDestinationIDSource	[0..1]	CodeSet	
TrdgSesGrp	[0..*]	Group	Specifies the number of repeating TradingSessionIDs
ProcessCode	[0..1]	CodeSet	Used to identify soft trades at order entry.
PrevClosePx	[0..1]	Price	Useful for verifying security identification
LocateReqd	[0..1]	CodeSet	Required for short sell orders
TransactTime	[1..1]	UTCTimestamp	Time this order request was initiated/released by the trader, trading system, or intermediary.
TransBkdTime	[0..1]	UTCTimestamp	A date and time stamp to indicate when this order was booked with the agent prior to submission to the VMU
Stipulations	[0..*]	Group	Insert here the set of "Stipulations" (repeating group of Fixed Income stipulations) fields defined in "Common Components of Application Messages"
OrdType	[1..1]	CodeSet	
PriceType	[0..1]	CodeSet	
Price	[0..1]	Price	Required for limit OrdTypes. For F/X orders, should be the "all-in" rate (spot rate adjusted for forward points). Can be used to specify a limit price for a pegged order, previously indicated, etc.
PriceProtectionScope	[0..1]	CodeSet	
StopPx	[0..1]	Price	Required for OrdType = "Stop" or OrdType = "Stop limit".
TriggeringInstruction	[0..1]	Component	Insert here the set of "TriggeringInstruction" fields defined in "common components of application messages"



Name	Mult.	Type	Description
SpreadOrBenchmarkCurveData	[0..1]	Component	Insert here the set of "SpreadOrBenchmarkCurveData" (Fixed Income spread or benchmark curve) fields defined in "Common Components of Application Messages"
YieldData	[0..1]	Component	Insert here the set of "YieldData" (yield-related) fields defined in "Common Components of Application Messages"
Currency	[0..1]	Currency	
CurrencyCodeSource	[0..1]	CodeSet	
ComplianceID	[0..1]	String	
IOIID	[0..1]	String	Required for Previously Indicated Orders (OrdType=E)
QuotelD	[0..1]	String	Required for Previously Quoted Orders (OrdType=D)
TimeInForce	[0..1]	CodeSet	Absence of this field indicates Day order
EffectiveTime	[0..1]	UTCTimestamp	Can specify the time at which the order should be considered valid
ExpireDate	[0..1]	LocalMktDate	Conditionally required if TimeInForce = GTD and ExpireTime is not specified.
ExpireTime	[0..1]	UTCTimestamp	Conditionally required if TimeInForce = GTD and ExpireDate is not specified.
GTBookingInst	[0..1]	CodeSet	States whether executions are booked out or accumulated on a partially filled GT order
ExposureDuration	[0..1]	int	Conditionally required when TimeInForce(59)=10 (Good for Time)
ExposureDurationUnit	[0..1]	CodeSet	
TradingCapacity	[0..1]	CodeSet	
MaxShow	[0..1]	Qty	
PegInstructions	[0..1]	Component	Insert here the set of "PegInstruction" fields defined in "Common Components of Application Messages"
DiscretionInstructions	[0..1]	Component	Insert here the set of "DiscretionInstruction" fields defined in "Common Components of Application Messages"
TargetStrategy	[0..1]	CodeSet	The target strategy of the order
StrategyParametersGrp	[0..*]	Group	Strategy parameter block
TargetStrategyParameters	[0..1]	String	For further specification of the TargetStrategy

<b>Name</b>	<b>Mult.</b>	<b>Type</b>	<b>Description</b>
ParticipationRate	[0..1]	Percentage	Mandatory for a TargetStrategy=Participate order and specifies the target participation rate. For other order types optionally specifies a volume limit (i.e. do not be more than this percent of the market volume)
CancellationRights	[0..1]	CodeSet	For CIV - Optional
MoneyLaunderingStatus	[0..1]	CodeSet	
RegistID	[0..1]	String	Reference to Registration Instructions message for this Order.
Designation	[0..1]	String	Supplementary registration information for this Order
ThrottleInst	[0..1]	CodeSet	
StandardTrailer	[1..1]	Component	

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## 71 NewOrderList

Category: ProgramTrading

### 71.1 Message Functionality

The NewOrderList Message can be used in one of two ways depending on which market conventions are being followed.

### 71.2 Structure

Name	Mult.	Type	Description
StandardHeader	[1..1]	Component	MsgType = E
ListID	[1..1]	String	Must be unique, by customer, for the day
BidID	[0..1]	String	Should refer to an earlier program if bidding took place.
ClientBidID	[0..1]	String	
ProgRptReqs	[0..1]	CodeSet	
BidType	[1..1]	CodeSet	e.g. Non Disclosed Model, Disclosed Model, No Bidding Process
ProgPeriodInterval	[0..1]	int	
CancellationRights	[0..1]	CodeSet	For CIV - Optional
MoneyLaunderingStatus	[0..1]	CodeSet	
RegistID	[0..1]	String	Reference to Registration Instructions message applicable to all Orders in this List.
ListExecInstType	[0..1]	CodeSet	Controls when execution should begin For CIV Orders indicates order of execution.
ListExecInst	[0..1]	String	Free-form text.
ContingencyType	[0..1]	CodeSet	Used for contingency orders.
EncodedListExecInstLen	[0..1]	Length	Must be set if EncodedListExecInst field is specified and must immediately precede it.
EncodedListExecInst	[0..1]	data	Encoded (non-ASCII characters) representation of the ListExecInst field in the encoded format specified via the MessageEncoding field.
AllowableOneSidednessPct	[0..1]	Percentage	The maximum percentage that execution of one side of a program trade can exceed execution of the other.

<b>Name</b>	<b>Mult.</b>	<b>Type</b>	<b>Description</b>
AllowableOneSidednessValue	[0..1]	Amt	The maximum amount that execution of one side of a program trade can exceed execution of the other.
AllowableOneSidednessCurr	[0..1]	Currency	The currency that AllowableOneSidedness is expressed in if AllowableOneSidednessValue is used.
ListManualOrderIndicator	[0..1]	Boolean	
TotNoOrders	[1..1]	int	Used to support fragmentation. Sum of NoOrders across all messages with the same ListID.
LastFragment	[0..1]	CodeSet	Indicates whether this is the last fragment in a sequence of message fragments. Only required where message has been fragmented.
RootParties	[0..*]	Group	Insert here the set of "Root Parties" fields defined in "common components of application messages" Used for acting parties that applies to the whole message, not individual orders.
ListOrdGrp	[1..*]	Group	Number of orders in this message (number of repeating groups to follow)
ThrottleInst	[0..1]	CodeSet	
StandardTrailer	[1..1]	Component	

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## 72 NewOrderMultileg

Category: MultilegOrders

### 72.1 Message Functionality

The New Order - Multileg is provided to submit orders for securities that are made up of multiple securities, known as legs.

### 72.2 Structure

Name	Mult.	Type	Description
StandardHeader	[1..1]	Component	MsgType = AB
ClOrdID	[1..1]	String	Unique identifier of the order as assigned by institution or by the intermediary with closest association with the investor.
OrderRequestID	[0..1]	int	
SecondaryClOrdID	[0..1]	String	
ClOrdLinkID	[0..1]	String	
Parties	[0..*]	Group	This is party information related to the submitter of the request.
TargetParties	[0..*]	Group	Identifies parties not directly associated with or owning the order, who are to be informed to effect processing of the order.
TradeOriginationDate	[0..1]	LocalMktDate	
TradeDate	[0..1]	LocalMktDate	
Account	[0..1]	String	
AcctIDSource	[0..1]	CodeSet	
AccountType	[0..1]	CodeSet	
DayBookingInst	[0..1]	CodeSet	
BookingUnit	[0..1]	CodeSet	
PreallocMethod	[0..1]	CodeSet	
AllocID	[0..1]	String	Used to assign an identifier to the block of individual preallocations
PreAllocMlegGrp	[0..*]	Group	Number of repeating groups for pre-trade allocation
SettlType	[0..1]	CodeSet	

Name	Mult.	Type	Description
SettlDate	[0..1]	LocalMktDate	Takes precedence over SettlType value and conditionally required/omitted for specific SettlType values.
CashMargin	[0..1]	CodeSet	
ClearingFeeIndicator	[0..1]	CodeSet	
HandlInst	[0..1]	CodeSet	
ExecInst	[0..1]	CodeSet	Can contain multiple instructions, space delimited. If OrdType=P, exactly one of the following values (ExecInst = L, R, M, P, O, T, or W) must be specified.
AuctionInstruction	[0..1]	CodeSet	
MinQty	[0..1]	Qty	
MinQtyMethod	[0..1]	CodeSet	
MatchIncrement	[0..1]	Qty	
MaxPriceLevels	[0..1]	int	
MaximumPriceDeviation	[0..1]	Percentage	
ValueChecksGrp	[0..*]	Group	
MatchingInstructions	[0..*]	Group	
SelfMatchPreventionID	[0..1]	String	May be used as an alternative to MatchingInstructions when the identifier does not appear in another field.
SelfMatchPreventionInstruction	[0..1]	CodeSet	
DisplayInstruction	[0..1]	Component	
DisclosureInstructionGrp	[0..*]	Group	Specifies instructions to disclose certain order level information in market data.
MaxFloor	[0..1]	Qty	
MarketSegmentID	[0..1]	String	
ExDestination	[0..1]	Exchange	
ExDestinationIDSource	[0..1]	CodeSet	
ExDestinationType	[0..1]	CodeSet	
TrdgSesGrp	[0..*]	Group	Specifies the number of repeating TradingSessionIDs
ProcessCode	[0..1]	CodeSet	Used to identify soft trades at order entry.
Side	[1..1]	CodeSet	Additional enumeration that indicates this is an order for a multileg order and that the sides are specified in the Instrument Leg component block.
ShortMarkingExemptIndicator	[0..1]	Boolean	

Name	Mult.	Type	Description
Instrument	[0..1]	Component	
UndInstrmtGrp	[0..*]	Group	Number of underlyings
PrevClosePx	[0..1]	Price	Useful for verifying security identification
SwapPoints	[0..1]	PriceOffset	For FX Swaps. Used to express the differential between the far leg's bid/offer and the near leg's bid/offer.
LegOrdGrp	[0..*]	Group	Number of legs
LocateReqd	[0..1]	CodeSet	Required for short sell orders
TransactTime	[1..1]	UTCTimestamp	Time this order request was initiated/released by the trader, trading system, or intermediary.
QtyType	[0..1]	CodeSet	
OrderQtyData	[0..1]	Component	Conditionally required when the multileg order is not for a FX Swap, or any other swaps or multilegged transaction where having OrderQty(38) is irrelevant as the amounts are expressed in the LegOrderQty(685).
OrdType	[1..1]	CodeSet	
MultilegModel	[0..1]	CodeSet	
MultilegPriceMethod	[0..1]	CodeSet	
PriceType	[0..1]	CodeSet	
Price	[0..1]	Price	Required for limit OrdTypes. For F/X orders, should be the "all-in" rate (spot rate adjusted for forward points). Can be used to specify a limit price for a pegged order, previously indicated, etc.
PriceProtectionScope	[0..1]	CodeSet	
StopPx	[0..1]	Price	Required for OrdType = "Stop" or OrdType = "Stop limit".
TriggeringInstruction	[0..1]	Component	Insert here the set of "TriggeringInstruction" fields defined in "common components of application messages"
Currency	[0..1]	Currency	
CurrencyCodeSource	[0..1]	CodeSet	
TradePriceNegotiationMethod	[0..1]	CodeSet	
UpfrontPriceType	[0..1]	CodeSet	

Name	Mult.	Type	Description
UpfrontPrice	[0..1]	Price	Upfront Price for CDS transactions. Conditionally required if TradePriceNegotiationMethod(1740) = 4(Percent of par and upfront amount), 5(Deal spread and upfront amount) or 6(Upfront points and upfront amount).
ComplianceID	[0..1]	String	
ComplianceText	[0..1]	String	
EncodedComplianceTextLen	[0..1]	Length	Must be set if EncodedComplianceText(2352) field is specified and must immediately precede it.
EncodedComplianceText	[0..1]	data	Encoded (non-ASCII characters) representation of the ComplianceText(2404) field in the encoded format specified via the MessageEncoding(347) field.
SolicitedFlag	[0..1]	CodeSet	
IOIID	[0..1]	String	Required for Previously Indicated Orders (OrdType=E)
QuoteID	[0..1]	String	Required for Previously Quoted Orders (OrdType=D)
RefOrderID	[0..1]	String	Required for counter-order selection / Hit / Take Orders. (OrdType = Q)
RefOrderIDSource	[0..1]	CodeSet	Conditionally required if RefOrderID is specified.
RefClOrdID	[0..1]	String	
TimeInForce	[0..1]	CodeSet	Absence of this field indicates Day order
EffectiveTime	[0..1]	UTCTimestamp	Can specify the time at which the order should be considered valid
ExpireDate	[0..1]	LocalMktDate	Conditionally required if TimeInForce = GTD and ExpireTime is not specified.
ExpireTime	[0..1]	UTCTimestamp	Conditionally required if TimeInForce = GTD and ExpireDate is not specified.
GTBookingInst	[0..1]	CodeSet	States whether executions are booked out or accumulated on a partially filled GT order
ExposureDuration	[0..1]	int	Conditionally required when TimeInForce(59)=10 (Good for Time)
ExposureDurationUnit	[0..1]	CodeSet	
CommissionData	[0..1]	Component	
CommissionDataGrp	[0..*]	Group	Use as an alternative to CommissionData component if multiple commissions or enhanced attributes are needed.



Name	Mult.	Type	Description
OrderCapacity	[0..1]	CodeSet	
OrderRestrictions	[0..1]	CodeSet	
TradingCapacity	[0..1]	CodeSet	
PreTradeAnonymity	[0..1]	Boolean	
TradePublishIndicator	[0..1]	CodeSet	
CustOrderCapacity	[0..1]	CodeSet	
OrderOrigination	[0..1]	CodeSet	
OrderAttributeGrp	[0..*]	Group	
ForexReq	[0..1]	CodeSet	Indicates that broker is requested to execute a Forex accommodation trade in conjunction with the security trade.
SettlCurrency	[0..1]	Currency	Required if ForexReq = Y.
SettlCurrencyCodeSource	[0..1]	CodeSet	
BookingType	[0..1]	CodeSet	Method for booking out this order. Used when notifying a broker that an order to be settled by that broker is to be booked out as an OTC derivative (e.g. CFD or similar). Absence of this field implies regular booking.
Text	[0..1]	String	
EncodedTextLen	[0..1]	Length	Must be set if EncodedText field is specified and must immediately precede it.
EncodedText	[0..1]	data	Encoded (non-ASCII characters) representation of the Text field in the encoded format specified via the MessageEncoding field.
ClearingAccountType	[0..1]	CodeSet	
PositionEffect	[0..1]	CodeSet	For use in derivatives omnibus accounting
CoveredOrUncovered	[0..1]	CodeSet	For use with derivatives, such as options
MaxShow	[0..1]	Qty	
PegInstructions	[0..1]	Component	Insert here the set of "PegInstruction" fields defined in "Common Components of Application Messages"
DiscretionInstructions	[0..1]	Component	Insert here the set of "DiscretionInstruction" fields defined in "Common Components of Application Messages"
TargetStrategy	[0..1]	CodeSet	The target strategy of the order
StrategyParametersGrp	[0..*]	Group	Strategy parameter block
TargetStrategyParameters	[0..1]	String	For further specification of the TargetStrategy

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<b>Name</b>	<b>Mult.</b>	<b>Type</b>	<b>Description</b>
RiskFreeRate	[0..1]	float	
ParticipationRate	[0..1]	Percentage	Mandatory for a TargetStrategy=Participate order and specifies the target participation rate. For other order types optionally specifies a volume limit (i.e. do not be more than this percent of the market volume)
CancellationRights	[0..1]	CodeSet	For CIV - Optional
MoneyLaunderingStatus	[0..1]	CodeSet	
RegistID	[0..1]	String	Reference to Registration Instructions message for this Order.
Designation	[0..1]	String	Supplementary registration information for this Order
MultiLegRptTypeReq	[0..1]	CodeSet	Indicates the method of execution reporting requested by issuer of the order.
ThrottleInst	[0..1]	CodeSet	
AuctionType	[0..1]	CodeSet	Conditionally required for auction orders.
AuctionAllocationPct	[0..1]	Percentage	
RelatedHighPrice	[0..1]	Price	
RelatedLowPrice	[0..1]	Price	
RelatedPriceSource	[0..1]	CodeSet	
StandardTrailer	[1..1]	Component	

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## 73 NewOrderSingle

Category: SingleGeneralOrderHandling

### 73.1 Message Functionality

The new order message type is used by institutions wishing to electronically submit securities and forex orders to a broker for execution.

The New Order message type may also be used by institutions or retail intermediaries wishing to electronically submit Collective Investment Vehicle (CIV) orders to a broker or fund manager for execution.

### 73.2 Structure

Name	Mult.	Type	Description
StandardHeader	[1..1]	Component	MsgType = D
ClOrdID	[1..1]	String	Unique identifier of the order as assigned by institution or by the intermediary (CIV term, not a hub/service bureau) with closest association with the investor.
OrderRequestID	[0..1]	int	
SecondaryClOrdID	[0..1]	String	
ClOrdLinkID	[0..1]	String	
DuplicateClOrdIDIndicator	[0..1]	CodeSet	
Parties	[0..*]	Group	This is party information related to the submitter of the request.
TargetParties	[0..*]	Group	Identifies parties not directly associated with or owning the order, who are to be informed to effect processing of the order.
TradeOriginationDate	[0..1]	LocalMktDate	
TradeDate	[0..1]	LocalMktDate	
Account	[0..1]	String	
AcctIDSource	[0..1]	CodeSet	
AccountType	[0..1]	CodeSet	Type of account associated with the order (Origin)
DayBookingInst	[0..1]	CodeSet	
BookingUnit	[0..1]	CodeSet	

Name	Mult.	Type	Description
PreallocMethod	[0..1]	CodeSet	
AllocID	[0..1]	String	Used to assign an overall allocation id to the block of preallocations
PreAllocGrp	[0..*]	Group	Number of repeating groups for pre-trade allocation
SettlType	[0..1]	CodeSet	For NDFs either SettlType or SettlDate should be specified.
SettlDate	[0..1]	LocalMktDate	Takes precedence over SettlType value and conditionally required/omitted for specific SettlType values. For NDFs either SettlType or SettlDate should be specified.
CashMargin	[0..1]	CodeSet	
ClearingFeeIndicator	[0..1]	CodeSet	
HandlInst	[0..1]	CodeSet	
ExecInst	[0..1]	CodeSet	Can contain multiple instructions, space delimited. If OrdType=P, exactly one of the following values (ExecInst = L, R, M, P, O, T, W, a, d) must be specified.
AuctionInstruction	[0..1]	CodeSet	
MinQty	[0..1]	Qty	
MinQtyMethod	[0..1]	CodeSet	
MatchIncrement	[0..1]	Qty	
MaxPriceLevels	[0..1]	int	
MaximumPriceDeviation	[0..1]	Percentage	
ValueChecksGrp	[0..*]	Group	
MatchingInstructions	[0..*]	Group	
SelfMatchPreventionID	[0..1]	String	May be used as an alternative to MatchingInstructions when the identifier does not appear in another field.
SelfMatchPreventionInstruction	[0..1]	CodeSet	
DisplayInstruction	[0..1]	Component	
DisclosureInstructionGrp	[0..*]	Group	Specifies instructions to disclose certain order level information in market data.
MaxFloor	[0..1]	Qty	
MarketSegmentID	[0..1]	String	
ExDestination	[0..1]	Exchange	
ExDestinationIDSource	[0..1]	CodeSet	

Name	Mult.	Type	Description
ExDestinationType	[0..1]	CodeSet	
TrdgSesGrp	[0..*]	Group	Specifies the number of repeating TradingSessionIDs
ProcessCode	[0..1]	CodeSet	Used to identify soft trades at order entry.
Instrument	[1..1]	Component	Insert here the set of "Instrument" (symbology) fields defined in "Common Components of Application Messages"
FinancingDetails	[0..1]	Component	Insert here the set of "FinancingDetails" (symbology) fields defined in "Common Components of Application Messages"
UndInstrmtGrp	[0..*]	Group	Number of underlyings
PrevClosePx	[0..1]	Price	Useful for verifying security identification
Side	[1..1]	CodeSet	
ShortMarkingExemptIndicator	[0..1]	Boolean	
ShortSaleExemptionReason	[0..1]	CodeSet	Available for optional use when Side(54) = 6(Sell short exempt).
LocateReqd	[0..1]	CodeSet	Required for short sell orders
TransactTime	[1..1]	UTCTimestamp	Time this order request was initiated/released by the trader, trading system, or intermediary.
Stipulations	[0..*]	Group	Insert here the set of "Stipulations" (repeating group of Fixed Income stipulations) fields defined in "Common Components of Application Messages"
QtyType	[0..1]	CodeSet	
OrderQtyData	[1..1]	Component	
OrdType	[1..1]	CodeSet	
PriceType	[0..1]	CodeSet	
Price	[0..1]	Price	Required for limit OrdTypes. For F/X orders, should be the "all-in" rate (spot rate adjusted for forward points). Can be used to specify a limit price for a pegged order, previously indicated, etc.
CurrentWorkingPrice	[0..1]	Price	May be used for new (child) orders stemming from the split of a parent order. Refers to the working price of the parent order.
PriceProtectionScope	[0..1]	CodeSet	
StopPx	[0..1]	Price	Required for OrdType = "Stop" or OrdType = "Stop limit".

Name	Mult.	Type	Description
TriggeringInstruction	[0..1]	Component	Insert here the set of "TriggeringInstruction" fields defined in "common components of application messages"
SpreadOrBenchmarkCurveData	[0..1]	Component	Insert here the set of "SpreadOrBenchmarkCurveData" (Fixed Income spread or benchmark curve) fields defined in "Common Components of Application Messages"
YieldData	[0..1]	Component	Insert here the set of "YieldData" (yield-related) fields defined in "Common Components of Application Messages"
Currency	[0..1]	Currency	
CurrencyCodeSource	[0..1]	CodeSet	
TradePriceNegotiationMethod	[0..1]	CodeSet	
UpfrontPriceType	[0..1]	CodeSet	
UpfrontPrice	[0..1]	Price	Upfront Price for CDS transactions. Conditionally required if TradePriceNegotiationMethod(1740) = 4(Percent of par and upfront amount), 5(Deal spread and upfront amount) or 6(Upfront points and upfront amount).
ComplianceID	[0..1]	String	
ComplianceText	[0..1]	String	
EncodedComplianceTextLen	[0..1]	Length	Must be set if EncodedComplianceText(2352) field is specified and must immediately precede it.
EncodedComplianceText	[0..1]	data	Encoded (non-ASCII characters) representation of the ComplianceText(2404) field in the encoded format specified via the MessageEncoding(347) field.
SolicitedFlag	[0..1]	CodeSet	
CopyMsgIndicator	[0..1]	Boolean	May be used when intentionally sending an order more than once, e.g. an order being received manually as well as electronically in conjunction with a regulatory requirement to report both events.
IOIID	[0..1]	String	Required for Previously Indicated Orders (OrdType=E)
QuoteID	[0..1]	String	Required for Previously Quoted Orders (OrdType=D)
TimInForce	[0..1]	CodeSet	Absence of this field indicates Day order

Name	Mult.	Type	Description
EffectiveTime	[0..1]	UTCTimestamp	Can specify the time at which the order should be considered valid
ExpireDate	[0..1]	LocalMktDate	Conditionally required if TimeInForce = GTD and ExpireTime is not specified.
ExpireTime	[0..1]	UTCTimestamp	Conditionally required if TimeInForce = GTD and ExpireDate is not specified.
GTBookingInst	[0..1]	CodeSet	States whether executions are booked out or accumulated on a partially filled GT order
ExposureDuration	[0..1]	int	Conditionally required when TimeInForce(59)=10 (Good for Time)
ExposureDurationUnit	[0..1]	CodeSet	
CommissionData	[0..1]	Component	
CommissionDataGrp	[0..*]	Group	Use as an alternative to CommissionData component if multiple commissions or enhanced attributes are needed.
OrderCapacity	[0..1]	CodeSet	
OrderRestrictions	[0..1]	CodeSet	
TradingCapacity	[0..1]	CodeSet	
RegulatoryReportType	[0..1]	CodeSet	
PreTradeAnonymity	[0..1]	Boolean	
TradePublishIndicator	[0..1]	CodeSet	Applies to trades resulting from the order.
CustOrderCapacity	[0..1]	CodeSet	
OrderAttributeGrp	[0..*]	Group	
ForexReq	[0..1]	CodeSet	Indicates that broker is requested to execute a Forex accommodation trade in conjunction with the security trade.
SettlCurrency	[0..1]	Currency	Required if ForexReq=Y. Required for NDFs.
SettlCurrencyCodeSource	[0..1]	CodeSet	
RateSource	[0..*]	Group	
OffshoreIndicator	[0..1]	CodeSet	
BookingType	[0..1]	CodeSet	Method for booking out this order. Used when notifying a broker that an order to be settled by that broker is to be booked out as an OTC derivative (e.g. CFD or similar). Absence of this field implies regular booking.
Text	[0..1]	String	

Name	Mult.	Type	Description
EncodedTextLen	[0..1]	Length	Must be set if EncodedText field is specified and must immediately precede it.
EncodedText	[0..1]	data	Encoded (non-ASCII characters) representation of the Text field in the encoded format specified via the MessageEncoding field.
SettlDate2	[0..1]	LocalMktDate	Can be used with OrdType = "Forex - Swap" to specify the "value date" for the future portion of a F/X swap.
OrderQty2	[0..1]	Qty	Can be used with OrdType = "Forex - Swap" to specify the order quantity for the future portion of a F/X swap.
Price2	[0..1]	Price	Can be used with OrdType = "Forex - Swap" to specify the price for the future portion of a F/X swap which is also a limit order. For F/X orders, should be the "all-in" rate (spot rate adjusted for forward points).
ClearingAccountType	[0..1]	CodeSet	
PositionEffect	[0..1]	CodeSet	For use in derivatives omnibus accounting
CoveredOrUncovered	[0..1]	CodeSet	For use with derivatives, such as options
MaxShow	[0..1]	Qty	
PegInstructions	[0..1]	Component	Insert here the set of "PegInstruction" fields defined in "Common Components of Application Messages"
DiscretionInstructions	[0..1]	Component	Insert here the set of "DiscretionInstruction" fields defined in "Common Components of Application Messages"
TargetStrategy	[0..1]	CodeSet	The target strategy of the order
StrategyParametersGrp	[0..*]	Group	Strategy parameter block
TargetStrategyParameters	[0..1]	String	For further specification of the TargetStrategy
ParticipationRate	[0..1]	Percentage	Mandatory for a TargetStrategy=Participate order and specifies the target participation rate. For other order types optionally specifies a volume limit (i.e. do not be more than this percent of the market volume)
CancellationRights	[0..1]	CodeSet	For CIV - Optional
MoneyLaunderingStatus	[0..1]	CodeSet	
RegistID	[0..1]	String	Reference to Registration Instructions message for this Order.



<b>Name</b>	<b>Mult.</b>	<b>Type</b>	<b>Description</b>
Designation	[0..1]	String	Supplementary registration information for this Order
ManualOrderIndicator	[0..1]	Boolean	
CustDirectedOrder	[0..1]	Boolean	
ReceivedDeptID	[0..1]	String	
CustOrderHandlingInst	[0..1]	CodeSet	
OrderHandlingInstSource	[0..1]	CodeSet	
OrderOrigination	[0..1]	CodeSet	
ContraOrderOrigination	[0..1]	CodeSet	May be used for cross orders submitted with single order messages.
OriginatingDeptID	[0..1]	String	
ReceivingDeptID	[0..1]	String	
RoutingArrangementIndicator	[0..1]	CodeSet	
ContraRoutingArrangementIndicator	[0..1]	CodeSet	May be used for cross orders submitted with single order messages.
AffiliatedFirmsTradeIndicator	[0..1]	Boolean	
OwnerType	[0..1]	CodeSet	
TrdRegTimestamps	[0..*]	Group	
TrdRegPublicationGrp	[0..*]	Group	
TradeReportingIndicator	[0..1]	CodeSet	
RefOrderID	[0..1]	String	Required for counter-order selection / Hit / Take Orders. (OrdType = Q)
RefOrderIDSource	[0..1]	CodeSet	Conditionally required if RefOrderID is specified.
ThrottleInst	[0..1]	CodeSet	
RefClOrdID	[0..1]	String	
AuctionType	[0..1]	CodeSet	Conditionally required for auction orders
AuctionAllocationPct	[0..1]	Percentage	
StandardTrailer	[1..1]	Component	

## 74 News

Category: EventCommunication

### 74.1 Message Functionality

The news message is a general free format message between the broker and institution. The message contains flags to identify the news item's urgency and to allow sorting by subject company (symbol). The News message can be originated at either the broker or institution side, or exchanges and other marketplace venues.

### 74.2 Structure

Name	Mult.	Type	Description
StandardHeader	[1..1]	Component	MsgType = B
ApplicationSequenceControl	[0..1]	Component	
NewsID	[0..1]	String	Unique identifier for News message
NewsRefGrp	[0..*]	Group	News items referenced by this News message
NewsCategory	[0..1]	CodeSet	
LanguageCode	[0..1]	Language	Used to optionally specify the national language used for the News item.
OrigTime	[0..1]	UTCTimestamp	
Urgency	[0..1]	CodeSet	
Headline	[1..1]	String	Specifies the headline text
EncodedHeadlineLen	[0..1]	Length	Must be set if EncodedHeadline field is specified and must immediately precede it.
EncodedHeadline	[0..1]	data	Encoded (non-ASCII characters) representation of the Headline field in the encoded format specified via the MessageEncoding field.
RoutingGrp	[0..*]	Group	
MarketID	[0..1]	Exchange	Used to optionally specify the market to which this News applies.
MarketSegmentID	[0..1]	String	Used to optionally specify the market segment to which this News applies.
InstrmtGrp	[0..*]	Group	Specifies the number of repeating symbols (instruments) specified
InstrmtLegGrp	[0..*]	Group	

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<b>Name</b>	<b>Mult.</b>	<b>Type</b>	<b>Description</b>
UndInstrmtGrp	[0..*]	Group	Number of underlyings
LinesOfTextGrp	[1..*]	Group	Specifies the number of repeating lines of text specified
URLLink	[0..1]	String	A URL (Uniform Resource Locator) link to additional information (i.e. <a href="http://www.XYZ.com/research.html">http://www.XYZ.com/research.html</a> )
RawDataLength	[0..1]	Length	
RawData	[0..1]	data	
StandardTrailer	[1..1]	Component	

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## 75 OrderCancelReject

Category: SingleGeneralOrderHandling

### 75.1 Message Functionality

The order cancel reject message is issued by the broker upon receipt of a cancel request or cancel/replace request message which cannot be honored.

### 75.2 Structure

Name	Mult.	Type	Description
StandardHeader	[1..1]	Component	MsgType = 9
OrderID	[1..1]	String	If CxlRejReason="Unknown order", specify "NONE".
OrderRequestID	[0..1]	int	Required if provided on the order cancel or cancel/replace request. Echo back the value provided by the requester.
SecondaryOrderID	[0..1]	String	Can be used to provide order id used by exchange or executing system.
SecondaryCLOrdID	[0..1]	String	
CLOrdID	[1..1]	String	Unique order id assigned by institution or by the intermediary with closest association with the investor. to the cancel request or to the replacement order.
CLOrdLinkID	[0..1]	String	
OrigCLOrdID	[0..1]	String	CLOrdID(11) which could not be canceled/replaced. CLOrdID of the previous accepted order (NOT the initial order of the day) when canceling or replacing an order. Required when referring to orders that were electronically submitted over FIX or otherwise assigned a CLOrdID.
OrdStatus	[1..1]	CodeSet	OrdStatus value after this cancel reject is applied. If CxlRejReason = "Unknown Order", specify Rejected.
WorkingIndicator	[0..1]	CodeSet	For optional use with OrdStatus = 0 (New)
OrigOrdModTime	[0..1]	UTCTimestamp	

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<b>Name</b>	<b>Mult.</b>	<b>Type</b>	<b>Description</b>
ListID	[0..1]	String	Required for rejects against orders which were submitted as part of a list.
Account	[0..1]	String	
AcctIDSource	[0..1]	CodeSet	
AccountType	[0..1]	CodeSet	
TradeOriginationDate	[0..1]	LocalMktDate	
TradeDate	[0..1]	LocalMktDate	
TransactTime	[0..1]	UTCTimestamp	
CxlRejResponseTo	[1..1]	CodeSet	
CxlRejReason	[0..1]	CodeSet	
RejectText	[0..1]	String	Reason description for rejecting the transaction request.
EncodedRejectTextLen	[0..1]	Length	Must be set if EncodedRejectText(1665) field is specified and must immediately precede it.
EncodedRejectText	[0..1]	data	Encoded (non-ASCII characters) representation of the RejectText(1328) field in the encoded format specified via the MessageEncoding(347) field.
ExDestination	[0..1]	Exchange	
ExDestinationIDSource	[0..1]	CodeSet	
Parties	[0..*]	Group	
Text	[0..1]	String	
EncodedTextLen	[0..1]	Length	Must be set if EncodedText field is specified and must immediately precede it.
EncodedText	[0..1]	data	Encoded (non-ASCII characters) representation of the Text field in the encoded format specified via the MessageEncoding field.
StandardTrailer	[1..1]	Component	

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## 76 OrderCancelReplaceRequest

Category: SingleGeneralOrderHandling

### 76.1 Message Functionality

The order cancel/replace request is used to change the parameters of an existing order.

Do not use this message to cancel the remaining quantity of an outstanding order, use the Order Cancel Request message for this purpose.

### 76.2 Structure

Name	Mult.	Type	Description
StandardHeader	[1..1]	Component	MsgType = G
OrderID	[0..1]	String	Unique identifier of most recent order as assigned by sell-side (broker, exchange, ECN).
OrderRequestID	[0..1]	int	Required if provided on the order being replaced (or cancelled). Echo back the value provided by the requester.
Parties	[0..*]	Group	This is party information related to the submitter of the request.
TargetParties	[0..*]	Group	Identifies parties not directly associated with or owning the order, who are to be informed to effect processing of the order.
TradeOriginationDate	[0..1]	LocalMktDate	
TradeDate	[0..1]	LocalMktDate	
OrigClOrdID	[0..1]	String	ClOrdID(11) of the previous non rejected order (NOT the initial order of the day) when canceling or replacing an order. Required when referring to orders that were electronically submitted over FIX or otherwise assigned a ClOrdID
ClOrdID	[1..1]	String	Unique identifier of replacement order as assigned by institution or by the intermediary with closest association with the investor. Note that this identifier will be used in ClOrdID field of the Cancel Reject message if the replacement request is rejected.
SecondaryClOrdID	[0..1]	String	

Name	Mult.	Type	Description
ClOrdLinkId	[0..1]	String	
DuplicateClOrdIDIndicator	[0..1]	CodeSet	
ListID	[0..1]	String	Required for List Orders
OrigOrdModTime	[0..1]	UTCTimestamp	TransactTime of the last state change that occurred to the original order
Account	[0..1]	String	
AcctIDSource	[0..1]	CodeSet	
AccountType	[0..1]	CodeSet	
DayBookingInst	[0..1]	CodeSet	
BookingUnit	[0..1]	CodeSet	
PreallocMethod	[0..1]	CodeSet	
AllocID	[0..1]	String	Used to assign an overall allocation id to the block of preallocations
PreAllocGrp	[0..*]	Group	Number of repeating groups for pre-trade allocation
SettlType	[0..1]	CodeSet	For NDFs either SettlType or SettlDate should be specified.
SettlDate	[0..1]	LocalMktDate	Takes precedence over SettlType value and conditionally required/omitted for specific SettlType values. For NDFs either SettlType or SettlDate should be specified.
CashMargin	[0..1]	CodeSet	
ClearingFeeIndicator	[0..1]	CodeSet	
HandlInst	[0..1]	CodeSet	
ExecInst	[0..1]	CodeSet	Can contain multiple instructions, space delimited. Replacement order must be created with new parameters (i.e. original order values will not be brought forward to replacement order unless redefined within this message).
AuctionInstruction	[0..1]	CodeSet	
MinQty	[0..1]	Qty	
MinQtyMethod	[0..1]	CodeSet	
MatchIncrement	[0..1]	Qty	
MaxPriceLevels	[0..1]	int	
MaximumPriceDeviation	[0..1]	Percentage	
ValueChecksGrp	[0..*]	Group	
MatchingInstructions	[0..*]	Group	

Name	Mult.	Type	Description
SelfMatchPreventionID	[0..1]	String	May be used as an alternative to MatchingInstructions when the identifier does not appear in another field.
SelfMatchPreventionInstruction	[0..1]	CodeSet	
DisplayInstruction	[0..1]	Component	
DisclosureInstructionGrp	[0..*]	Group	Specifies instructions to disclose certain order level information in market data.
MaxFloor	[0..1]	Qty	
MarketSegmentID	[0..1]	String	
ExDestination	[0..1]	Exchange	
ExDestinationIDSource	[0..1]	CodeSet	
ExDestinationType	[0..1]	CodeSet	
TrdgSesGrp	[0..*]	Group	Specifies the number of repeating TradingSessionIDs
Instrument	[1..1]	Component	Insert here the set of "Instrument" (symbology) fields defined in "Common Components of Application Messages". Must match original order
FinancingDetails	[0..1]	Component	Insert here the set of "FinancingDetails" (symbology) fields defined in "Common Components of Application Messages". Must match original order
UndInstrmtGrp	[0..*]	Group	Number of underlyings
Side	[1..1]	CodeSet	Should match original order's side, however, if bilaterally agreed to the following groups could potentially be interchanged: Buy and Buy Minus, Sell, Sell Plus, Sell Short, and Sell Short Exempt, Cross, Cross Short, and Cross Short Exempt
ShortMarkingExemptIndicator	[0..1]	Boolean	
ShortSaleExemptionReason	[0..1]	CodeSet	Available for optional use when Side(54) = 6(Sell short exempt).
TransactTime	[1..1]	UTCTimestamp	Time this order request was initiated/released by the trader or trading system.
Stipulations	[0..*]	Group	
QtyType	[0..1]	CodeSet	
OrderQtyData	[1..1]	Component	Note: OrderQty(38) value should be the "Total Intended Order Quantity" (including the amount already executed for this chain of orders).
OrdType	[1..1]	CodeSet	



Name	Mult.	Type	Description
PriceType	[0..1]	CodeSet	
Price	[0..1]	Price	Required for limit OrdTypes. For F/X orders, should be the "all-in" rate (spot rate adjusted for forward points). Can be used to specify a limit price for a pegged order, previously indicated, etc.
CurrentWorkingPrice	[0..1]	Price	May be used to correct the initial working price of the parent order when this (child) order was entered.
PriceProtectionScope	[0..1]	CodeSet	
StopPx	[0..1]	Price	Required for OrdType = "Stop" or OrdType = "Stop limit".
TriggeringInstruction	[0..1]	Component	Insert here the set of "TriggeringInstruction" fields defined in "common components of application messages"
SpreadOrBenchmarkCurveData	[0..1]	Component	Insert here the set of "SpreadOrBenchmarkCurveData" (Fixed Income spread or benchmark curve) fields defined in "Common Components of Application Messages"
YieldData	[0..1]	Component	Insert here the set of "YieldData" (yield-related) fields defined in "Common Components of Application Messages"
PegInstructions	[0..1]	Component	Insert here the set of "PegInstruction" fields defined in "Common Components of Application Messages"
DiscretionInstructions	[0..1]	Component	Insert here the set of "DiscretionInstruction" fields defined in "Common Components of Application Messages"
TargetStrategy	[0..1]	CodeSet	The target strategy of the order
StrategyParametersGrp	[0..*]	Group	Strategy parameter block
TargetStrategyParameters	[0..1]	String	For further specification of the TargetStrategy
ParticipationRate	[0..1]	Percentage	Mandatory for a TargetStrategy=Participate order and specifies the target participation rate. For other order types optionally specifies a volume limit (i.e. do not be more than this percent of the market volume)
ComplianceID	[0..1]	String	
ComplianceText	[0..1]	String	
EncodedComplianceTextLen	[0..1]	Length	Must be set if EncodedComplianceText(2352) field is specified and must immediately precede it.

Name	Mult.	Type	Description
EncodedComplianceText	[0..1]	data	Encoded (non-ASCII characters) representation of the ComplianceText(2404) field in the encoded format specified via the MessageEncoding(347) field.
SolicitedFlag	[0..1]	CodeSet	
Currency	[0..1]	Currency	Must match original order.
CurrencyCodeSource	[0..1]	CodeSet	
TimeInForce	[0..1]	CodeSet	Absence of this field indicates Day order
EffectiveTime	[0..1]	UTCTimestamp	Can specify the time at which the order should be considered valid
ExpireDate	[0..1]	LocalMktDate	Conditionally required if TimeInForce = GTD and ExpireTime is not specified.
ExpireTime	[0..1]	UTCTimestamp	Conditionally required if TimeInForce = GTD and ExpireDate is not specified.
GTBookingInst	[0..1]	CodeSet	States whether executions are booked out or accumulated on a partially filled GT order
ExposureDuration	[0..1]	int	Conditionally required when TimeInForce(59)=10 (Good for Time)
ExposureDurationUnit	[0..1]	CodeSet	
CommissionData	[0..1]	Component	
CommissionDataGrp	[0..*]	Group	Use as an alternative to CommissionData component if multiple commissions or enhanced attributes are needed.
OrderCapacity	[0..1]	CodeSet	
OrderRestrictions	[0..1]	CodeSet	
TradingCapacity	[0..1]	CodeSet	
PreTradeAnonymity	[0..1]	Boolean	
TradePublishIndicator	[0..1]	CodeSet	Applies to trades resulting from the order.
CustOrderCapacity	[0..1]	CodeSet	
OrderAttributeGrp	[0..*]	Group	
ForexReq	[0..1]	CodeSet	Indicates that broker is requested to execute a Forex accommodation trade in conjunction with the security trade.
SettlCurrency	[0..1]	Currency	Required if ForexReq=Y. Required for NDFs.
SettlCurrencyCodeSource	[0..1]	CodeSet	
RateSource	[0..*]	Group	
OffshoreIndicator	[0..1]	CodeSet	

Name	Mult.	Type	Description
BookingType	[0..1]	CodeSet	Method for booking out this order. Used when notifying a broker that an order to be settled by that broker is to be booked out as an OTC derivative (e.g. CFD or similar). Absence of this field implies regular booking.
Text	[0..1]	String	
EncodedTextLen	[0..1]	Length	Must be set if EncodedText field is specified and must immediately precede it.
EncodedText	[0..1]	data	Encoded (non-ASCII characters) representation of the Text field in the encoded format specified via the MessageEncoding field.
SettlDate2	[0..1]	LocalMktDate	Can be used with OrdType = "Forex - Swap" to specify the "value date" for the future portion of a F/X swap.
OrderQty2	[0..1]	Qty	Can be used with OrdType = "Forex - Swap" to specify the order quantity for the future portion of a F/X swap.
Price2	[0..1]	Price	Can be used with OrdType = "Forex - Swap" to specify the price for the future portion of a F/X swap.
ClearingAccountType	[0..1]	CodeSet	
PositionEffect	[0..1]	CodeSet	For use in derivatives omnibus accounting
CoveredOrUncovered	[0..1]	CodeSet	For use with derivatives, such as options
MaxShow	[0..1]	Qty	
LocateReqd	[0..1]	CodeSet	Required for short sell orders
CancellationRights	[0..1]	CodeSet	For CIV - Optional
MoneyLaunderingStatus	[0..1]	CodeSet	
RegistID	[0..1]	String	Reference to Registration Instructions message for this Order.
Designation	[0..1]	String	Supplementary registration information for this Order
ManualOrderIndicator	[0..1]	Boolean	
CustDirectedOrder	[0..1]	Boolean	
ReceivedDeptID	[0..1]	String	
CustOrderHandlingInst	[0..1]	CodeSet	
OrderHandlingInstSource	[0..1]	CodeSet	
OrderOrigination	[0..1]	CodeSet	

<b>Name</b>	<b>Mult.</b>	<b>Type</b>	<b>Description</b>
ContraOrderOrigination	[0..1]	CodeSet	May be used for cross orders submitted with single order messages.
OriginatingDeptID	[0..1]	String	
ReceivingDeptID	[0..1]	String	
RoutingArrangementIndicator	[0..1]	CodeSet	
ContraRoutingArrangementIndicator	[0..1]	CodeSet	May be used for cross orders submitted with single order messages.
OwnerType	[0..1]	CodeSet	
OrderOwnershipIndicator	[0..1]	CodeSet	Can be used to request change of order ownership.
TrdRegTimestamps	[0..*]	Group	
ThrottleInst	[0..1]	CodeSet	
AuctionType	[0..1]	CodeSet	Conditionally required for auction orders.
AuctionAllocationPct	[0..1]	Percentage	
ReleaseInstruction	[0..1]	CodeSet	
ReleaseQty	[0..1]	Qty	
StandardTrailer	[1..1]	Component	

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## 77 OrderCancelRequest

Category: SingleGeneralOrderHandling

### 77.1 Message Functionality

The order cancel request message requests the cancellation of all of the remaining quantity of an existing order. Note that the Order Cancel/Replace Request should be used to partially cancel (reduce) an order).

### 77.2 Structure

Name	Mult.	Type	Description
StandardHeader	[1..1]	Component	MsgType = F
OrderRequestID	[0..1]	int	Required if provided on the order being cancelled. Echo back the value provided by the requester.
OrigClOrdID	[0..1]	String	ClOrdID(11) of the previous non-rejected order (NOT the initial order of the day) when canceling or replacing an order. Required when referring to orders that were electronically submitted over FIX or otherwise assigned a ClOrdID
OrderID	[0..1]	String	Unique identifier of most recent order as assigned by sell-side (broker, exchange, ECN).
ClOrdID	[1..1]	String	Unique ID of cancel request as assigned by the institution.
SecondaryClOrdID	[0..1]	String	
ClOrdLinkID	[0..1]	String	
ListID	[0..1]	String	Required for List Orders
OrigOrdModTime	[0..1]	UTCTimestamp	
Account	[0..1]	String	
AcctIDSource	[0..1]	CodeSet	
AccountType	[0..1]	CodeSet	
Parties	[0..*]	Group	Insert here the set of "Parties" (firm identification) fields defined in "Common Components of Application Messages"
Instrument	[1..1]	Component	Insert here the set of "Instrument" (symbology) fields defined in "Common Components of Application Messages"

Name	Mult.	Type	Description
FinancingDetails	[0..1]	Component	Insert here the set of "FinancingDetails" (symbology) fields defined in "Common Components of Application Messages". Must match original order
UndInstrmtGrp	[0..*]	Group	Number of underlyings
MarketSegmentID	[0..1]	String	
ExDestination	[0..1]	Exchange	Execution destination when referring to orders that were not electronically submitted over FIX and ClOrdID has not been assigned or is not available to the recipient of the request.
ExDestinationIDSource	[0..1]	CodeSet	
Side	[1..1]	CodeSet	
TransactTime	[1..1]	UTCTimestamp	Time this order request was initiated/released by the trader or trading system.
OrderQtyData	[0..1]	Component	Conditionally required when the OrderQtyData component is required or specified in a prior, related message. For example, when used in a work flow including a NewOrderSingle(35=D) or NewOrderCross(35=s) message, the OrderQtyData component is a required component in these messages and thus the component is required here. When the OrderQtyData component is optional in a related message, such as the NewOrderMultileg(35=AB), the component is required here when specified in the prior, related NewOrderMultileg(35=AB) message.
ComplianceID	[0..1]	String	
ComplianceText	[0..1]	String	
EncodedComplianceTextLen	[0..1]	Length	Must be set if EncodedComplianceText(2352) field is specified and must immediately precede it.
EncodedComplianceText	[0..1]	data	Encoded (non-ASCII characters) representation of the ComplianceText(2404) field in the encoded format specified via the MessageEncoding(347) field.
Text	[0..1]	String	
EncodedTextLen	[0..1]	Length	Must be set if EncodedText field is specified and must immediately precede it.
EncodedText	[0..1]	data	Encoded (non-ASCII characters) representation of the Text field in the encoded format specified via the MessageEncoding field.

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<b>Name</b>	<b>Mult.</b>	<b>Type</b>	<b>Description</b>
StandardTrailer	[1..1]	Component	

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## 78 OrderMassActionReport

Category: OrderMassHandling

### 78.1 Message Functionality

The Order Mass Action Report is used to acknowledge an Order Mass Action Request. Note that each affected order that is suspended or released or canceled is acknowledged with a separate Execution Report for each order.

### 78.2 Structure

Name	Mult.	Type	Description
StandardHeader	[1..1]	Component	MsgType = BZ
ClOrdID	[0..1]	String	ClOrdID provided on the Order Mass Action Request.
SecondaryClOrdID	[0..1]	String	
MassActionReportID	[1..1]	String	Unique Identifier for the Order Mass Action Report
MassActionType	[1..1]	CodeSet	Order Mass Action Request Type accepted by the system
MassActionScope	[1..1]	CodeSet	Specifies the scope of the action
MassActionReason	[0..1]	CodeSet	Specifies the reason for the action taken.
MassActionResponse	[1..1]	CodeSet	Indicates the action taken by the counterparty order handling system as a result of the Action Request.
MassActionRejectReason	[0..1]	CodeSet	Indicates why Order Mass Action Request was rejected. Required if MassActionResponse(1375) = 0 (Rejected).
TotalAffectedOrders	[0..1]	int	Optional field used to indicate the total number of orders affected by the Order Mass Action Request
TotalNotAffectedOrders	[0..1]	int	Optional field used to indicate the total number of orders within the scope but not affected by the OrderMassActionRequest(35=CA).
LastFragment	[0..1]	CodeSet	Indicates whether this is the last fragment in a sequence of message fragments. Only required where message has been fragmented.
AffectedOrdGrp	[0..*]	Group	List of orders affected by the Order Mass Action Request.



Name	Mult.	Type	Description
NotAffectedOrdGrp	[0..*]	Group	List of orders not affected by the Order Mass Action Request.
AffectedMarketSegmentGrp	[0..*]	Group	List of market segments affected by the Order Mass Action Request. Should only be used when request uses TargetMarketSegmentGrp component.
NotAffectedMarketSegmentGrp	[0..*]	Group	List of market segments not affected by the Order Mass Action Request. Should only be used when request uses TargetMarketSegmentGrp component.
MarketID	[0..1]	Exchange	MarketID for which orders are to be affected
MarketSegmentID	[0..1]	String	MarketSegmentID for which orders are to be affected. Mutually exclusive with TargetMarketSegmentGrp component.
TargetMarketSegmentGrp	[0..*]	Group	Mutually exclusive with MarketSegmentID(1300).
TradingSessionID	[0..1]	CodeSet	TradingSessionID for which orders are to be affected
TradingSessionSubID	[0..1]	CodeSet	TradingSessionSubID for which orders are to be affected
Parties	[0..*]	Group	
TargetParties	[0..*]	Group	Should be populated with the values provided on the associated OrderMassActionRequest(MsgType=CA).
Instrument	[0..1]	Component	
UnderlyingInstrument	[0..1]	Component	
Side	[0..1]	CodeSet	Side of the market specified on the Order Mass Action Request
Price	[0..1]	Price	
TransactTime	[0..1]	UTCTimestamp	Time this report was initiated/released by the sells-side (broker, exchange, ECN) or sell-side executing system.
ComplianceID	[0..1]	String	
ComplianceText	[0..1]	String	
EncodedComplianceTextLen	[0..1]	Length	Must be set if EncodedComplianceText(2352) field is specified and must immediately precede it.
EncodedComplianceText	[0..1]	data	Encoded (non-ASCII characters) representation of the ComplianceText(2404) field in the encoded format specified via the MessageEncoding(347) field.

<b>Name</b>	<b>Mult.</b>	<b>Type</b>	<b>Description</b>
Text	[0..1]	String	
EncodedTextLen	[0..1]	Length	Must be set if EncodedText field is specified and must immediately precede it.
EncodedText	[0..1]	data	Encoded (non-ASCII characters) representation of the Text field in the encoded format specified via the MessageEncoding field.
StandardTrailer	[1..1]	Component	

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## 79 OrderMassActionRequest

Category: OrderMassHandling

### 79.1 Message Functionality

The Order Mass Action Request message can be used to request the suspension or release of a group of orders that match the criteria specified within the request. This is equivalent to individual Order Cancel Replace Requests for each order with or without adding "S" to the ExceInst values. It can also be used for mass order cancellation.

### 79.2 Structure

Name	Mult.	Type	Description
StandardHeader	[1..1]	Component	MsgType = CA
ClOrdID	[1..1]	String	Unique ID of Order Mass Action Request as assigned by the institution.
SecondaryClOrdID	[0..1]	String	
MassActionType	[1..1]	CodeSet	Specifies the type of action requested
MassActionScope	[1..1]	CodeSet	Specifies the scope of the action
MassActionReason	[0..1]	CodeSet	Specifies the reason for the action requested.
MarketID	[0..1]	Exchange	MarketID for which orders are to be affected
MarketSegmentID	[0..1]	String	MarketSegmentID for which orders are to be affected. Mutually exclusive with TargetMarketSegmentGrp component.
TargetMarketSegmentGrp	[0..*]	Group	List of market segments for which orders are to be affected. Mutually exclusive with MarketSegmentID(1300).
TradingSessionID	[0..1]	CodeSet	Trading Session in which orders are to be affected
TradingSessionSubID	[0..1]	CodeSet	
Parties	[0..*]	Group	
TargetParties	[0..*]	Group	Can be used to specify the parties to whom the Order Mass Action should apply.
Instrument	[0..1]	Component	
UnderlyingInstrument	[0..1]	Component	
Side	[0..1]	CodeSet	Can be used to filter for orders of a single instrument.

<b>Name</b>	<b>Mult.</b>	<b>Type</b>	<b>Description</b>
Price	[0..1]	Price	Can be used to filter for orders of a single instrument.
TransactTime	[1..1]	UTCTimestamp	
ComplianceID	[0..1]	String	
ComplianceText	[0..1]	String	
EncodedComplianceTextLen	[0..1]	Length	Must be set if EncodedComplianceText(2352) field is specified and must immediately precede it.
EncodedComplianceText	[0..1]	data	Encoded (non-ASCII characters) representation of the ComplianceText(2404) field in the encoded format specified via the MessageEncoding(347) field.
Text	[0..1]	String	
EncodedTextLen	[0..1]	Length	Must be set if EncodedText field is specified and must immediately precede it.
EncodedText	[0..1]	data	Encoded (non-ASCII characters) representation of the Text field in the encoded format specified via the MessageEncoding field.
StandardTrailer	[1..1]	Component	

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## 80 OrderMassCancelReport

Category: OrderMassHandling

### 80.1 Message Functionality

The Order Mass Cancel Report is used to acknowledge an Order Mass Cancel Request. Note that each affected order that is canceled is acknowledged with a separate Execution Report or Order Cancel Reject message.

### 80.2 Structure

Name	Mult.	Type	Description
StandardHeader	[1..1]	Component	MsgType = r (lowercase R)
ClOrdID	[0..1]	String	ClOrdID provided on the Order Mass Cancel Request. Unavailable in case of an unsolicited report, such as after a trading halt or a corporate action requiring the deletion of outstanding orders.
SecondaryClOrdID	[0..1]	String	
OrderID	[1..1]	String	Unique Identifier for the Order Mass Cancel Request assigned by the recipient of the Order Mass Cancel Request.
MassActionReportID	[1..1]	String	Unique Identifier for the Order Mass Cancel Report assigned by the recipient of the Order Mass Cancel Request
SecondaryOrderID	[0..1]	String	Secondary Order ID assigned by the recipient of the Order Mass Cancel Request.
MassCancelRequestType	[1..1]	CodeSet	Order Mass Cancel Request Type accepted by the system
MassCancelResponse	[1..1]	CodeSet	Indicates the action taken by the counterparty order handling system as a result of the Cancel Request. 0 - Indicates Order Mass Cancel Request was rejected.
MassCancelRejectReason	[0..1]	CodeSet	Indicates why Order Mass Cancel Request was rejected. Required if MassCancelResponse = 0
TotalAffectedOrders	[0..1]	int	Optional field used to indicate the total number of orders affected by the Order Mass Cancel Request

<b>Name</b>	<b>Mult.</b>	<b>Type</b>	<b>Description</b>
AffectedOrdGrp	[0..*]	Group	List of orders affected by the Order Mass Cancel Request
NotAffectedOrdGrp	[0..*]	Group	List of orders not affected by Order Mass Cancel Request.
TradingSessionID	[0..1]	CodeSet	Trading Session in which orders are to be canceled
TradingSessionSubID	[0..1]	CodeSet	
Parties	[0..*]	Group	Insert here the set of "Parties" (firm identification) fields defined in "common components of application messages"
TargetParties	[0..*]	Group	Should be populated with the values provided on the associated OrderMassCancelRequest(MsgType=Q).
Instrument	[0..1]	Component	Insert here the set of "Instrument" (symbology) fields defined in "Common Components of Application Messages"
UnderlyingInstrument	[0..1]	Component	Insert here the set of "UnderlyingInstrument" (underlying symbology) fields defined in "Common Components of Application Messages"
MarketID	[0..1]	Exchange	
MarketSegmentID	[0..1]	String	
Side	[0..1]	CodeSet	Side of the market specified on the Order Mass Cancel Request
TransactTime	[0..1]	UTCTimestamp	Time this report was initiated/released by the sells-side (broker, exchange, ECN) or sell-side executing system.
Text	[0..1]	String	
EncodedTextLen	[0..1]	Length	Must be set if EncodedText field is specified and must immediately precede it.
EncodedText	[0..1]	data	Encoded (non-ASCII characters) representation of the Text field in the encoded format specified via the MessageEncoding field.
StandardTrailer	[1..1]	Component	

## 81 OrderMassCancelRequest

Category: OrderMassHandling

### 81.1 Message Functionality

The order mass cancel request message requests the cancellation of all of the remaining quantity of a group of orders matching criteria specified within the request. NOTE: This message can only be used to cancel order messages (reduce the full quantity).

### 81.2 Structure

Name	Mult.	Type	Description
StandardHeader	[1..1]	Component	MsgType = q (lowercase Q)
ClOrdID	[1..1]	String	Unique ID of Order Mass Cancel Request as assigned by the institution.
SecondaryClOrdID	[0..1]	String	
MassCancelRequestType	[1..1]	CodeSet	Specifies the type of cancellation requested
TradingSessionID	[0..1]	CodeSet	Trading Session in which orders are to be canceled
TradingSessionSubID	[0..1]	CodeSet	
Parties	[0..*]	Group	Insert here the set of "Parties" (firm identification) fields defined in "common components of application messages"
TargetParties	[0..*]	Group	Can be used to specify the parties to whom the Order Mass Cancel should apply.
Instrument	[0..1]	Component	Insert here the set of "Instrument" (symbology) fields defined in "Common Components of Application Messages"
UnderlyingInstrument	[0..1]	Component	Insert here the set of "UnderlyingInstrument" (underlying symbology) fields defined in "Common Components of Application Messages"
MarketID	[0..1]	Exchange	Required for MassCancelRequestType = 8 (Cancel orders for a market)
MarketSegmentID	[0..1]	String	Required for MassCancelRequestType = 9 (Cancel orders for a market segment)

<b>Name</b>	<b>Mult.</b>	<b>Type</b>	<b>Description</b>
Side	[0..1]	CodeSet	Optional qualifier used to indicate the side of the market for which orders are to be canceled. Absence of this field indicates that orders are to be canceled regardless of side.
TransactTime	[1..1]	UTCTimestamp	Time this order request was initiated/released by the trader or trading system.
Text	[0..1]	String	
EncodedTextLen	[0..1]	Length	Must be set if EncodedText field is specified and must immediately precede it.
EncodedText	[0..1]	data	Encoded (non-ASCII characters) representation of the Text field in the encoded format specified via the MessageEncoding field.
StandardTrailer	[1..1]	Component	

---



## 82 OrderMassStatusRequest

Category: OrderMassHandling

### 82.1 Message Functionality

The order mass status request message requests the status for orders matching criteria specified within the request.

### 82.2 Structure

Name	Mult.	Type	Description
StandardHeader	[1..1]	Component	MsgType = AF
MassStatusReqID	[1..1]	String	Unique ID of mass status request as assigned by the institution.
MassStatusReqType	[1..1]	CodeSet	
Parties	[0..*]	Group	Insert here the set of "Parties" (firm identification) fields defined in "Common Components of Application Messages"
TargetParties	[0..*]	Group	Can be used to specify the parties to whom the Order Mass Status Request should apply.
Account	[0..1]	String	Account
AcctIDSource	[0..1]	CodeSet	
TradingSessionID	[0..1]	CodeSet	Trading Session
TradingSessionSubID	[0..1]	CodeSet	
Instrument	[0..1]	Component	Insert here the set of "Instrument" (symbology) fields defined in "Common Components of Application Messages"
UnderlyingInstrument	[0..1]	Component	Insert here the set of "UnderlyingInstrument" (underlying symbology) fields defined in "Common Components of Application Messages"
Side	[0..1]	CodeSet	Optional qualifier used to indicate the side of the market for which orders will be returned.
StandardTrailer	[1..1]	Component	

## 83 OrderStatusRequest

Category: SingleGeneralOrderHandling

### 83.1 Message Functionality

The order status request message is used by the institution to generate an order status message back from the broker.

### 83.2 Structure

Name	Mult.	Type	Description
StandardHeader	[1..1]	Component	MsgType = H
OrderID	[0..1]	String	Conditionally required if CIOrdID(11) is not provided. Either OrderID or CIOrdID must be provided.
CIOrdID	[0..1]	String	The CIOrdID of the order whose status is being requested. Conditionally required if the OrderID(37) is not provided. Either OrderID or CIOrdID must be provided.
SecondaryCIOrdID	[0..1]	String	
CIOrdLinkID	[0..1]	String	
Parties	[0..*]	Group	Insert here the set of "Parties" (firm identification) fields defined in "Common Components of Application Messages"
OrdStatusReqID	[0..1]	String	Optional, can be used to uniquely identify a specific Order Status Request message. Echoed back on Execution Report if provided.
Account	[0..1]	String	
AcctIDSource	[0..1]	CodeSet	
Instrument	[1..1]	Component	Insert here the set of "Instrument" (symbology) fields defined in "Common Components of Application Messages"
FinancingDetails	[0..1]	Component	Insert here the set of "FinancingDetails" (symbology) fields defined in "Common Components of Application Messages". Must match original order
UndInstrmtGrp	[0..*]	Group	Number of underlyings

---

<b>Name</b>	<b>Mult.</b>	<b>Type</b>	<b>Description</b>
MarketSegmentID	[0..1]	String	
Side	[1..1]	CodeSet	
StandardTrailer	[1..1]	Component	

---

## 84 PartyActionReport

Category: PartiesAction

### 84.1 Message Functionality

Used to respond to the PartyActionRequest(35=DH) message, indicating whether the request has been received, accepted or rejected. Can also be used in an unsolicited manner to report party actions, e.g. reinstatements after a manual intervention out of band.

### 84.2 Structure

Name	Mult.	Type	Description
StandardHeader	[1..1]	Component	MsgType=DI
EffectiveBusinessDate	[0..1]	LocalMktDate	
PartyActionRequestID	[0..1]	String	Conditionally required when responding to a PartyActionRequest(35=DH) message.
PartyActionReportID	[1..1]	String	
PartyActionType	[1..1]	CodeSet	
PartyActionResponse	[1..1]	CodeSet	
PartyActionRejectReason	[0..1]	CodeSet	Conditionally required when PartyActionResponse(2332) = 2 (Rejected).
ApplTestMessageIndicator	[0..1]	Boolean	Conditionally required if present in the PartyActionRequest(35=DH) message.
RejectText	[0..1]	String	
EncodedRejectTextLen	[0..1]	Length	Must be set if EncodedRejectText(1665) field is specified and must immediately precede it.
EncodedRejectText	[0..1]	data	Encoded (non-ASCII characters) representation of the RejectText(1328) field in the encoded format specified via the MessageEncoding(347) field.
MarketID	[0..1]	Exchange	
MarketSegmentID	[0..1]	String	
InstrumentScope	[0..1]	Component	
RequestingPartyGrp	[0..*]	Group	May be used to identify the party making the request and their role.

<b>Name</b>	<b>Mult.</b>	<b>Type</b>	<b>Description</b>
Parties	[1..*]	Group	Used to specify the trading party on which the action is applied to. If in response to PartyActionRequest(35=DH) message, this should echo back the values from the request.
RelatedPartyDetailGrp	[0..*]	Group	
TransactTime	[0..1]	UTCTimestamp	
Text	[0..1]	String	
EncodedTextLen	[0..1]	Length	Must be set if EncodedText(355) field is specified and must immediately precede it.
EncodedText	[0..1]	data	Encoded (non-ASCII characters) representation of the Text(58) field in the encoded format specified via the MessageEncoding(347) field.
CopyMsgIndicator	[0..1]	Boolean	
StandardTrailer	[1..1]	Component	

---

## 85 PartyActionRequest

Category: PartiesAction

### 85.1 Message Functionality

The PartyActionRequest message is used suspend or halt the specified party from further trading activities at the Respondent. The Respondent must respond with a PartyActionReport(35=DI) message.

### 85.2 Structure

Name	Mult.	Type	Description
StandardHeader	[1..1]	Component	MsgType=DH
PartyActionRequestID	[1..1]	String	
PartyActionType	[1..1]	CodeSet	
ApplTestMessageIndicator	[0..1]	Boolean	
MarketID	[0..1]	Exchange	Use to reduce the scope to a market
MarketSegmentID	[0..1]	String	Use to reduce the scope to a market segment
InstrumentScope	[0..1]	Component	Use to reduce the scope of instruments
RequestingPartyGrp	[0..*]	Group	May be used to identify the party making the request and their role.
Parties	[1..*]	Group	Used to specify the trading party on which the action is applied to.
RelatedPartyDetailGrp	[0..*]	Group	
TransactTime	[0..1]	UTCTimestamp	
Text	[0..1]	String	
EncodedTextLen	[0..1]	Length	Must be set if EncodedText(355) field is specified and must immediately precede it.
EncodedText	[0..1]	data	Encoded (non-ASCII characters) representation of the Text(58) field in the encoded format specified via the MessageEncoding(347) field.
StandardTrailer	[1..1]	Component	

## 86 PartyDetailsDefinitionRequest

Category: PartiesReferenceData

### 86.1 Message Functionality

The PartyDetailsDefinitionRequest(35=CX) is used for defining new parties and modifying or deleting existing parties information, including the relationships between parties.

The recipient of the message responds with a PartyDetailsDefinitionRequestAck(35=CY) to indicate whether the request was accepted or rejected.

### 86.2 Structure

Name	Mult.	Type	Description
StandardHeader	[1..1]	Component	MsgType=CX
PartyDetailsListRequestID	[1..1]	String	
RequestingPartyGrp	[0..*]	Group	Can be used to identify the party making the request and their role.
PartyDetailsUpdateGrp	[1..*]	Group	Specifies the parties and relationships between parties to be defined, modified, or deleted.
Text	[0..1]	String	
EncodedTextLen	[0..1]	Length	
EncodedText	[0..1]	data	
StandardTrailer	[1..1]	Component	

---

## 87 PartyDetailsDefinitionRequestAck

Category: PartiesReferenceData

### 87.1 Message Functionality

The PartyDetailsDefinitionRequestAck(35=CX) is used as a response to the PartyDetailsDefinitionRequest(35=CX) message. The request can be accepted (with or without changes) or rejected.

### 87.2 Structure

---

Name	Mult.	Type	Description
StandardHeader	[1..1]	Component	MsgType=CX
PartyDetailsListRequestID	[1..1]	String	
PartyDetailRequestStatus	[1..1]	CodeSet	
PartyDetailRequestResult	[0..1]	CodeSet	
RequestingPartyGrp	[0..*]	Group	
PartyDetailAckGrp	[0..*]	Group	
Text	[0..1]	String	
EncodedTextLen	[0..1]	Length	
EncodedText	[0..1]	data	
StandardTrailer	[1..1]	Component	

---



## 88 PartyDetailsListReport

Category: PartiesReferenceData

### 88.1 Message Functionality

The PartyDetailsListReport message is used to disseminate party details between counterparties. PartyDetailsListReport messages may be sent in response to a PartyDetailsListRequest message or sent unsolicited.

### 88.2 Structure

Name	Mult.	Type	Description
StandardHeader	[1..1]	Component	MsgType = CG
ApplicationSequenceControl	[0..1]	Component	
PartyDetailsListReportID	[1..1]	String	
PartyDetailsListRequestID	[0..1]	String	Conditionally required when responding to the PartyDetailsListRequest message.
RequestResult	[0..1]	CodeSet	Conditionally required when responding to the PartyDetailsListRequest message.
TotNoParties	[0..1]	int	
LastFragment	[0..1]	CodeSet	
PartyDetailGrp	[0..*]	Group	
TransactTime	[0..1]	UTCTimestamp	
Text	[0..1]	String	
EncodedTextLen	[0..1]	Length	
EncodedText	[0..1]	data	
RejectText	[0..1]	String	
EncodedRejectTextLen	[0..1]	Length	
EncodedRejectText	[0..1]	data	
StandardTrailer	[1..1]	Component	

## 89 PartyDetailsListRequest

Category: PartiesReferenceData

### 89.1 Message Functionality

The PartyDetailsListRequest is used to request party detail information.

### 89.2 Structure

---

Name	Mult.	Type	Description
StandardHeader	[1..1]	Component	MsgType = CF
PartyDetailsListRequestID	[1..1]	String	
RequestingPartyGrp	[0..*]	Group	May be used to identify the party making the request and their role.
Parties	[0..*]	Group	Scope of the query/request for specific party(-ies).
RequestedPartyRoleGrp	[0..*]	Group	Scope of the query/request for specific party role(s)
PartyRelationshipGrp	[0..*]	Group	Scope of the query/request for specific party relationship(s)
SubscriptionRequestType	[0..1]	CodeSet	
Text	[0..1]	String	
EncodedTextLen	[0..1]	Length	
EncodedText	[0..1]	data	
StandardTrailer	[1..1]	Component	

---

## 90 PartyDetailsListUpdateReport

Category: PartiesReferenceData

### 90.1 Message Functionality

The PartyDetailsListUpdateReport(35=CK) is used to disseminate updates to party detail information.

### 90.2 Structure

Name	Mult.	Type	Description
StandardHeader	[1..1]	Component	MsgType = CK
ApplicationSequenceControl	[0..1]	Component	
PartyDetailsListReportID	[1..1]	String	
PartyDetailsListRequestID	[0..1]	String	Conditionally required when responding to the PartyDetailsListRequest(35=CF) message.
TotNoParties	[0..1]	int	
LastFragment	[0..1]	CodeSet	
RequestingPartyGrp	[0..*]	Group	May be used to specify the requesting party in the event the request was made verbally or via other means.
PartyDetailsUpdateGrp	[0..*]	Group	
TransactTime	[0..1]	UTCTimestamp	
Text	[0..1]	String	
EncodedTextLen	[0..1]	Length	Must be set if EncodedText(355) field is specified and must immediately precede it.
EncodedText	[0..1]	data	Encoded (non-ASCII characters) representation of the Text(58) field in the encoded format specified via the MessageEncoding(347) field.
StandardTrailer	[1..1]	Component	

## 91 PartyEntitlementsDefinitionRequest

Category: PartiesReferenceData

### 91.1 Message Functionality

The PartyEntitlementsDefinitionRequest(35=DA) is used for defining new entitlements, and modifying or deleting existing entitlements for the specified party(-ies).

### 91.2 Structure

---

Name	Mult.	Type	Description
StandardHeader	[1..1]	Component	MsgType=DA
EntitlementRequestID	[1..1]	String	
RequestingPartyGrp	[0..*]	Group	Can be used to identify the party making the request and their role.
PartyEntitlementUpdateGrp	[1..*]	Group	Specifies the entitlements to be defined, modified or deleted for the given party(-ies) and related party(-ies).
Text	[0..1]	String	
EncodedTextLen	[0..1]	Length	
EncodedText	[0..1]	data	
StandardTrailer	[1..1]	Component	

---

## 92 PartyEntitlementsDefinitionRequestAck

Category: PartiesReferenceData

### 92.1 Message Functionality

The PartyEntitlementsDefinitionRequestAck(35=DB) is used as a response to the PartyEntitlementsDefinitionRequest(35=DA) to accept (with or without changes) or reject the definition of party entitlements.

### 92.2 Structure

---

Name	Mult.	Type	Description
StandardHeader	[1..1]	Component	MsgType=DB
EntitlementRequestID	[1..1]	String	
EntitlementRequestStatus	[1..1]	CodeSet	
EntitlementRequestResult	[0..1]	CodeSet	
RequestingPartyGrp	[0..*]	Group	
PartyEntitlementAckGrp	[0..*]	Group	
Text	[0..1]	String	
EncodedTextLen	[0..1]	Length	
EncodedText	[0..1]	data	
StandardTrailer	[1..1]	Component	

---

## 93 PartyEntitlementsReport

Category: PartiesReferenceData

### 93.1 Message Functionality

The PartyEntitlementsReport is used to report entitlements for one or more parties, party role(s), or specific instrument(s).

### 93.2 Structure

---

Name	Mult.	Type	Description
StandardHeader	[1..1]	Component	MsgType=CV
ApplicationSequenceControl	[0..1]	Component	
EntitlementReportID	[1..1]	String	
EntitlementRequestID	[0..1]	String	Conditionally required when responding to PartyEntitlementsRequest(35=CU).
RequestResult	[0..1]	CodeSet	Conditionally required when responding to Party Entitlements Request.
TotNoParties	[0..1]	int	
LastFragment	[0..1]	CodeSet	
PartyEntitlementGrp	[0..*]	Group	
TransactTime	[0..1]	UTCTimestamp	
Text	[0..1]	String	
EncodedTextLen	[0..1]	Length	
EncodedText	[0..1]	data	
RejectText	[0..1]	String	
EncodedRejectTextLen	[0..1]	Length	
EncodedRejectText	[0..1]	data	
StandardTrailer	[1..1]	Component	

---

## 94 PartyEntitlementsRequest

Category: PartiesReferenceData

### 94.1 Message Functionality

The PartyEntitlementsRequest message is used to request for entitlement information for one or more party(-ies), specific party role(s), or specific instruments(s).

### 94.2 Structure

---

Name	Mult.	Type	Description
StandardHeader	[1..1]	Component	MsgType=CU
EntitlementRequestID	[0..1]	String	
SubscriptionRequestType	[0..1]	CodeSet	
RequestingPartyGrp	[0..*]	Group	May be used to identify the party making the request and their role.
Parties	[0..*]	Group	Scope of the query/request for specific party(-ies).
RequestedPartyRoleGrp	[0..*]	Group	Scope of the query/request for specific party roles. For example, "all information for PartyRole=24".
EntitlementStatus	[0..1]	CodeSet	
EntitlementTypeGrp	[0..*]	Group	
EntitlementPlatform	[0..1]	String	
InstrumentScopeGrp	[0..*]	Group	Scope of the query/request for specific securities.
MarketSegmentScopeGrp	[0..*]	Group	
Text	[0..1]	String	
EncodedTextLen	[0..1]	Length	
EncodedText	[0..1]	data	
StandardTrailer	[1..1]	Component	

---

## 95 PartyEntitlementsUpdateReport

Category: PartiesReferenceData

### 95.1 Message Functionality

The PartyEntitlementsUpdateReport(35=CZ) is used to convey incremental changes to party entitlements. It is similar to the PartyEntitlementsReport(35=CV). This message uses the PartyEntitlementsUpdateGrp component which includes the ability to specify an update action using ListUpdateAction(1324).

### 95.2 Structure

Name	Mult.	Type	Description
StandardHeader	[1..1]	Component	MsgType=CZ
ApplicationSequenceControl	[0..1]	Component	
EntitlementReportID	[1..1]	String	
EntitlementRequestID	[0..1]	String	Conditionally required when responding to a PartyEntitlementsRequest(35=CU) message.
TotNoParties	[0..1]	int	
LastFragment	[0..1]	CodeSet	
RequestingPartyGrp	[0..*]	Group	May be used to specify the requesting party in the event the request was made verbally or via other means.
PartyEntitlementUpdateGrp	[1..*]	Group	Specifies the updated entitlements to be enforced for the given party(-ies) and related party(-ies).
TransactTime	[0..1]	UTCTimestamp	
Text	[0..1]	String	
EncodedTextLen	[0..1]	Length	Must be set if EncodedText(355) field is specified and must immediately precede it.
EncodedText	[0..1]	data	Encoded (non-ASCII characters) representation of the Text(58) field in the encoded format specified via the MessageEncoding(347) field.
StandardTrailer	[1..1]	Component	



## 96 PartyRiskLimitCheckRequest

Category: PartiesAction

### 96.1 Message Functionality

PartyRiskLimitCheckRequest is used to request for approval of credit or risk limit amount intended to be used by a party in a transaction from another party that holds the information.

### 96.2 Structure

Name	Mult.	Type	Description
StandardHeader	[1..1]	Component	MsgType=DE
RiskLimitCheckRequestID	[0..1]	String	Either RiskLimitCheckRequestID(2318) or RiskLimitCheckID(2319) must be specified. RiskLimitCheckRequestID(2318) is conditionally required in a message-chaining model in which a subsequent message may refer to a prior message via RiskLimitCheckRequestRefID(2322). The alternative is an entity-based model in which RiskLimitCheckID(2319) is used to statically identify a given request. In this case RiskLimitCheckID(2319) is required and RiskLimitRequestID(1666) can be optionally specified.
RiskLimitCheckID	[0..1]	String	Either RiskLimitCheckRequestID(2318) or RiskLimitCheckID(2319) must be specified.
RiskLimitCheckTransType	[1..1]	CodeSet	
RiskLimitCheckType	[1..1]	CodeSet	
RiskLimitCheckRequestRefID	[0..1]	int	Conditionally required when RiskLimitCheckTransType(2320) = 1 (Cancel) or 2 (Replace), and message-chaining model is used.
RefOrderID	[0..1]	String	Used to specify the transaction reference for this limit check request.
RefOrderIDSource	[0..1]	CodeSet	Identifies the type of reference specified in RefOrderID(1080) for this limit check request.
RiskLimitCheckRequestType	[0..1]	CodeSet	

<b>Name</b>	<b>Mult.</b>	<b>Type</b>	<b>Description</b>
<b>RiskLimitCheckAmount</b>	[0..1]	Amt	Specifies the amount being requested or consumed, as indicated by RiskLimitCheckType(2321).
<b>Currency</b>	[0..1]	Currency	
<b>CurrencyCodeSource</b>	[0..1]	CodeSet	
<b>RiskLimitID</b>	[0..1]	String	
<b>RequestingPartyGrp</b>	[0..*]	Group	May be used to identify the party making the limit check request and their role.
<b>Parties</b>	[0..*]	Group	May be used to specify the trading party on which the limit check request is for. Each request is for a single trading party and the specified transaction reference.
<b>RelatedPartyDetailGrp</b>	[0..*]	Group	
<b>Instrument</b>	[0..1]	Component	
<b>LegOrdGrp</b>	[0..*]	Group	
<b>UndInstrmtGrp</b>	[0..*]	Group	
<b>Side</b>	[0..1]	CodeSet	
<b>TransactTime</b>	[0..1]	UTCTimestamp	
<b>Text</b>	[0..1]	String	
<b>EncodedTextLen</b>	[0..1]	Length	Must be set if EncodedText(355) field is specified and must immediately precede it.
<b>EncodedText</b>	[0..1]	data	Encoded (non-ASCII characters) representation of the Text(58) field in the encoded format specified via the MessageEncoding(347) field.
<b>StandardTrailer</b>	[1..1]	Component	

## 97 PartyRiskLimitCheckRequestAck

Category: PartiesAction

### 97.1 Message Functionality

PartyRiskLimitCheckRequestAck is used to acknowledge a PartyRiskLimitCheckRequest(35=DF) message and to respond whether the limit check request was approved or not. When used to accept the PartyRiskLimitCheckRequest(35=DF) message the Respondent may also include the limit amount that was approved.

### 97.2 Structure

Name	Mult.	Type	Description
StandardHeader	[1..1]	Component	MsgType=DG
RiskLimitCheckRequestID	[0..1]	String	Either RiskLimitCheckRequestID(2318) or RiskLimitCheckID(2319) must be provided from the request message
RiskLimitCheckID	[0..1]	String	Either RiskLimitCheckRequestID(2318) or RiskLimitCheckID(2319) must be provided from the request message.
RiskLimitCheckRequestStatus	[1..1]	CodeSet	
RiskLimitCheckRequestResult	[0..1]	CodeSet	
RiskLimitCheckTransType	[1..1]	CodeSet	Identifies the RiskLimitCheckTransType(2320) this message is responding to as specified in the request message.
RiskLimitCheckType	[1..1]	CodeSet	Identifies the RiskLimitCheckType(2321) this message is responding to as specified in the request message.
RiskLimitCheckRequestRefID	[0..1]	int	Conditionally required when RiskLimitCheckTransType(2320) = 1 (Cancel) or 2 (Replace)
RejectText	[0..1]	String	
EncodedRejectTextLen	[0..1]	Length	Must be set if EncodedRejectText(1665) field is specified and must immediately precede it.
EncodedRejectText	[0..1]	data	Encoded (non-ASCII characters) representation of the RejectText(1328) field in the encoded format specified via the MessageEncoding(347) field.

Name	Mult.	Type	Description
RefOrderID	[0..1]	String	
RefOrderIDSource	[0..1]	CodeSet	
Side	[0..1]	CodeSet	
RiskLimitApprovedAmount	[0..1]	Amt	Conditionally required when RiskLimitCheckRequestStatus(2325)=1 (Partially approved)
RiskLimitCheckAmount	[0..1]	Amt	
RiskLimitID	[0..1]	String	
Currency	[0..1]	Currency	
CurrencyCodeSource	[0..1]	CodeSet	
ExpireTime	[0..1]	UTCTimestamp	Optionally used to specify when the approved credit limit being reserved will expire.
RequestingPartyGrp	[0..*]	Group	
Parties	[0..*]	Group	The trading party identified in the limit check request.
RelatedPartyDetailGrp	[0..*]	Group	
Instrument	[0..1]	Component	
LegOrdGrp	[0..*]	Group	
UndInstrmtGrp	[0..*]	Group	
TransactTime	[0..1]	UTCTimestamp	
Text	[0..1]	String	
EncodedTextLen	[0..1]	Length	Must be set if EncodedText(355) field is specified and must immediately precede it.
EncodedText	[0..1]	data	Encoded (non-ASCII characters) representation of the Text(58) field in the encoded format specified via the MessageEncoding(347) field.
StandardTrailer	[1..1]	Component	

## 98 PartyRiskLimitsDefinitionRequest

Category: PartiesReferenceData

### 98.1 Message Functionality

PartyRiskLimitDefinitionRequest is used for defining new risk limits.

### 98.2 Structure

Name	Mult.	Type	Description
StandardHeader	[1..1]	Component	MsgType=CS
RiskLimitRequestID	[1..1]	String	
RequestingPartyGrp	[0..*]	Group	May be used to identify the party making the request and their role.
PartyRiskLimitsUpdateGrp	[0..*]	Group	Risk limits to be enforced for given party(-ies) and related party(-ies).
Text	[0..1]	String	
EncodedTextLen	[0..1]	Length	
EncodedText	[0..1]	data	
StandardTrailer	[1..1]	Component	

---

## 99 PartyRiskLimitsDefinitionRequestAck

Category: PartiesReferenceData

### 99.1 Message Functionality

PartyRiskLimitDefinitionRequestAck is used for accepting (with or without changes) or rejecting the definition of risk limits.

### 99.2 Structure

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Name	Mult.	Type	Description
StandardHeader	[1..1]	Component	MsgType=CT
RiskLimitRequestID	[1..1]	String	
RiskLimitRequestResult	[0..1]	CodeSet	
RiskLimitRequestStatus	[1..1]	CodeSet	
RequestingPartyGrp	[0..*]	Group	
PartyRiskLimitsAckGrp	[0..*]	Group	
Text	[0..1]	String	
EncodedTextLen	[0..1]	Length	
EncodedText	[0..1]	data	
StandardTrailer	[1..1]	Component	

---

## 100 PartyRiskLimitsReport

Category: PartiesReferenceData

### 100.1 Message Functionality

The PartyRiskLimitsReport message is used to communicate party risk limits. The message can either be sent as a response to the PartyRiskLimitsRequest message or can be published unsolicited.

### 100.2 Structure

Name	Mult.	Type	Description
StandardHeader	[1..1]	Component	MsgType = CM
ApplicationSequenceControl	[0..1]	Component	
RiskLimitReportID	[1..1]	String	
RiskLimitRequestID	[0..1]	String	Conditionally required when responding to PartyRiskLimitsRequest(35=CL).
RiskLimitRequestType	[0..1]	CodeSet	Can be used when responding to a PartyRiskLimitsRequest(35=CL).
RequestResult	[0..1]	CodeSet	Conditionally required when responding to a PartyRiskLimitsRequest(35=CL).
UnsolicitedIndicator	[0..1]	CodeSet	
TotNoParties	[0..1]	int	
LastFragment	[0..1]	CodeSet	
PartyRiskLimitsGrp	[0..*]	Group	Optionally includes utilization (consumption) information.
TransactTime	[0..1]	UTCTimestamp	
Text	[0..1]	String	
EncodedTextLen	[0..1]	Length	
EncodedText	[0..1]	data	
RejectText	[0..1]	String	
EncodedRejectTextLen	[0..1]	Length	
EncodedRejectText	[0..1]	data	
StandardTrailer	[1..1]	Component	

## 101 PartyRiskLimitsReportAck

Category: PartiesReferenceData

### 101.1 Message Functionality

PartyRiskLimitsReportAck is an optional message used as a response to the PartyRiskLimitReport(35=CM) or PartyRiskLimitUpdateReport(35=CR) messages to acknowledge or reject those messages.

### 101.2 Structure

Name	Mult.	Type	Description
StandardHeader	[1..1]	Component	MsgType=DE
RiskLimitReportID	[1..1]	String	The identifier of the PartyRiskLimitReport(35=CM) or PartyRiskLimitUpdateReport(35=CR) message.
RiskLimitRequestID	[0..1]	String	
RiskLimitReportStatus	[1..1]	CodeSet	
RiskLimitReportRejectReason	[0..1]	CodeSet	Conditionally required when RiskLimitReportStatus(2316)=1 (Rejected).
PartyRiskLimitsUpdateGrp	[0..*]	Group	
TransactTime	[0..1]	UTCTimestamp	
RejectText	[0..1]	String	
EncodedRejectTextLen	[0..1]	Length	Must be set if EncodedRejectText(1665) field is specified and must immediately precede it.
EncodedRejectText	[0..1]	data	Encoded (non-ASCII characters) representation of the RejectText(1328) field in the encoded format specified via the MessageEncoding(347) field.
Text	[0..1]	String	
EncodedTextLen	[0..1]	Length	Must be set if EncodedText(355) field is specified and must immediately precede it.
EncodedText	[0..1]	data	Encoded (non-ASCII characters) representation of the Text(58) field in the encoded format specified via the MessageEncoding(347) field.
StandardTrailer	[1..1]	Component	



## 102 PartyRiskLimitsRequest

Category: PartiesReferenceData

### 102.1 Message Functionality

The PartyRiskLimitsRequest message is used to request for risk information for specific parties, specific party roles or specific instruments.

### 102.2 Structure

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Name	Mult.	Type	Description
StandardHeader	[1..1]	Component	MsgType = CL
RiskLimitRequestID	[1..1]	String	
RiskLimitRequestType	[0..1]	CodeSet	Scope of risk limit information.
SubscriptionRequestType	[0..1]	CodeSet	
RequestingPartyGrp	[0..*]	Group	May be used to identify the party making the request and their role.
Parties	[0..*]	Group	Scope of the query/request for specific party(-ies)
RequestedPartyRoleGrp	[0..*]	Group	Scope of the query/request for specific party role(s). For example, "all information for PartyRole=24."
RequestedRiskLimitTypesGrp	[0..*]	Group	
RiskLimitPlatform	[0..1]	String	
RiskInstrumentScopeGrp	[0..*]	Group	Scope of the query/request for specific securities. Absence means all instruments for a given party or party role.
Text	[0..1]	String	
EncodedTextLen	[0..1]	Length	
EncodedText	[0..1]	data	
StandardTrailer	[1..1]	Component	

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## 103 PartyRiskLimitsUpdateReport

Category: PartiesReferenceData

### 103.1 Message Functionality

The PartyRiskLimitsUpdateReport(35=CR) is used to convey incremental changes to risk limits. It is similar to the regular report but uses the PartyRiskLimitsUpdateGrp component instead of the PartyRiskLimitsGrp component to include an update action.

### 103.2 Structure

Name	Mult.	Type	Description
StandardHeader	[1..1]	Component	MsgType=CR
ApplicationSequenceControl	[0..1]	Component	
RiskLimitReportID	[1..1]	String	
RiskLimitRequestID	[0..1]	String	Conditionally required when sent as part of a subscription requested by a PartyRiskLimitsRequest(35=CL).
RiskLimitRequestType	[0..1]	CodeSet	Can be used if sent as part of a subscription started by a PartyRiskLimitsRequest(35=CL).
TotNoParties	[0..1]	int	
LastFragment	[0..1]	CodeSet	
RequestingPartyGrp	[0..*]	Group	May be used to specify the requesting party in the event the request was made verbally or via other means.
PartyRiskLimitsUpdateGrp	[0..*]	Group	
TransactTime	[0..1]	UTCTimestamp	
Text	[0..1]	String	
EncodedTextLen	[0..1]	Length	Must be set if EncodedText(355) field is specified and must immediately precede it.
EncodedText	[0..1]	data	Encoded (non-ASCII characters) representation of the Text(58) field in the encoded format specified via the MessageEncoding(347) field.
StandardTrailer	[1..1]	Component	

## 104 PayManagementReport

Category: PayManagement

### 104.1 Message Functionality

PayManagementReport(35=EA) may be used to respond to the PayManagementRequest(35=DY) message. It provides the status of the request (e.g. accepted, disputed) and may provide additional information related to the request.

PayManagementReport(35=EA) may also be sent unsolicited by the broker to a client. In which case the client may acknowledge and resolve disputes out-of-band or with a simple PayManagementReportAck(35=EB).

PayManagementReport(35=EA) may also be sent unsolicited to report the progress status of the payment itself with PayReportTransType(2804)=2 (Status).

### 104.2 Structure

Name	Mult.	Type	Description
StandardHeader	[1..1]	Component	MsgType=EA
PayReportID	[1..1]	String	
PayRequestID	[0..1]	String	Conditionally required when responding to PayManagementRequest(35=DY).
PayReportTransType	[1..1]	CodeSet	
PayReportRefID	[0..1]	String	Required for PayReportTransType(2804)=1 (Replace).
ReplaceText	[0..1]	String	May be used to provide reason for PayReportTransType(2804)=1 (Replace).
EncodedReplaceTextLen	[0..1]	Length	Must be set if EncodedReplaceText(2801) field is specified and must immediately precede it.
EncodedReplaceText	[0..1]	data	Encoded (non-ASCII characters) representation of the ReplaceText(2805) field in the encoded format specified via the MessageEncoding(347) field.
PayRequestStatus	[0..1]	CodeSet	PayRequestStatus(2813)=0 (Received) is not applicable in this message.
PayDisputeReason	[0..1]	int	May be used to provide reason for PayRequestStatus(2813)=3 (Disputed).

<b>Name</b>	<b>Mult.</b>	<b>Type</b>	<b>Description</b>
RejectText	[0..1]	String	May be used to elaborate the reason for rejection or dispute.
EncodedRejectTextLen	[0..1]	Length	Must be set if EncodedRejectText(1665) field is specified and must immediately precede it.
EncodedRejectText	[0..1]	data	Encoded (non-ASCII characters) representation of the RejectText(1328) field in the encoded format specified via the MessageEncoding(347) field.
ClearingBusinessDate	[0..1]	LocalMktDate	Echos back the business date of the PayManagementRequest(35=DY) message if this report is responding to a request. When the report is sent unsolicited, this is the business date of the report. This may carry the same date as the payment calculation date in PostTradePaymentCalculationDate(2825).
TransactTime	[1..1]	UTCTimestamp	
Text	[0..1]	String	
EncodedTextLen	[0..1]	Length	Must be set if EncodedText(355) field is specified and must immediately precede it.
EncodedText	[0..1]	data	Encoded (non-ASCII characters) representation of the Text(58) field in the encoded format specified via the MessageEncoding(347) field.
Instrument	[0..1]	Component	May be included with minimal detail to identify the security or contract for which payments are to be made.
RelatedTradeGrp	[0..*]	Group	May be included to identify the trade(s) for which payments are to be made. Each instance identifies a separate trade.
Parties	[0..*]	Group	Identifies the parties to the contracts or trades. The account to be debited or credited is identified in the PostTradePayment component.
PostTradePayment	[1..1]	Component	
SettlDetails	[0..*]	Group	
StandardTrailer	[1..1]	Component	

## 105 PayManagementReportAck

Category: PayManagement

### 105.1 Message Functionality

PayManagementReportAck(35=EB) is used as a response to the PayManagementReport(35=EA) message. It may be used to accept, reject or dispute the details of the PayManagementReport(35=EA) depending on the business rules of the receiver. This message may also be used to acknowledge the receipt of a PayManagementReport(35=EA) message.

### 105.2 Structure

Name	Mult.	Type	Description
StandardHeader	[0..1]	Component	MsgType=EB
PayReportID	[1..1]	String	
PayReportStatus	[1..1]	CodeSet	
PayDisputeReason	[0..1]	int	May be used to provide reason for PayReportStatus(2806)=3 (Disputed).
RejectText	[0..1]	String	May be used to elaborate the reason for rejection or dispute.
EncodedRejectTextLen	[0..1]	Length	Must be set if EncodedRejectText(1665) field is specified and must immediately precede it.
EncodedRejectText	[0..1]	data	Encoded (non-ASCII characters) representation of the RejectText(1328) field in the encoded format specified via the MessageEncoding(347) field.
StandardTrailer	[1..1]	Component	

## 106 PayManagementRequest

Category: PayManagement

### 106.1 Message Functionality

PayManagementRequest(35=DY) message is used to communicate a future or expected payment to be made or received related to a trade or contract after its settlement.

### 106.2 Structure

Name	Mult.	Type	Description
StandardHeader	[1..1]	Component	MsgType=DY
PayRequestID	[1..1]	String	
PayRequestTransType	[1..1]	CodeSet	
PayRequestRefID	[0..1]	String	Required for PayRequestTransType(2811)=1 (Cancel).
CancelText	[0..1]	String	May be used to provide reason for PayRequestTransType(2811)=1 (Cancel).
EncodedCancelTextLen	[0..1]	Length	Must be set if EncodedCancelText(2808) field is specified and must immediately precede it.
EncodedCancelText	[0..1]	data	Encoded (non-ASCII characters) representation of the CancelText(2807) field in the encoded format specified via the MessageEncoding(347) field.
ClearingBusinessDate	[0..1]	LocalMktDate	The business date of the request. This may carry the same date as the payment calculation date in PostTradePaymentCalculationDate(2825).
TransactTime	[1..1]	UTCTimestamp	
Text	[0..1]	String	
EncodedTextLen	[0..1]	Length	Must be set if EncodedText(355) field is specified and must immediately precede it.
EncodedText	[0..1]	data	Encoded (non-ASCII characters) representation of the Text(58) field in the encoded format specified via the MessageEncoding(347) field.
Instrument	[0..1]	Component	May be included with minimal detail to identify the security or contract for which payments are to be made.

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<b>Name</b>	<b>Mult.</b>	<b>Type</b>	<b>Description</b>
RelatedTradeGrp	[0..*]	Group	May be included to identify the trade(s) for which payments are to be made. Each instance identifies a separate trade.
Parties	[0..*]	Group	Identifies the parties to the contracts or trades. The account to be debited or credited is identified in the PostTradePayment component.
PostTradePayment	[1..1]	Component	
SettlDetails	[0..*]	Group	
StandardTrailer	[1..1]	Component	

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## 107 PayManagementRequestAck

Category: PayManagement

### 107.1 Message Functionality

PayManagementRequestAck(35=DZ) is used to acknowledge the receipt of the PayManagementRequest(35=DY) message (i.e. a technical acknowledgement of receipt). Acceptance or rejection of the request is reported in the corresponding PayManagementReport(35=EA).

### 107.2 Structure

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Name	Mult.	Type	Description
StandardHeader	[1..1]	Component	MsgTyp=DZ
PayRequestID	[1..1]	String	
PayRequestStatus	[1..1]	CodeSet	Only PayRequestStatus(2813)=0 (Received) is applicable in this message.
StandardTrailer	[1..1]	Component	

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## 108 PositionMaintenanceReport

Category: PositionMaintenance

### 108.1 Message Functionality

The Position Maintenance Report message is sent by the holder of a position in response to a Position Maintenance Request and is used to confirm that a request has been successfully processed or rejected.

### 108.2 Structure

Name	Mult.	Type	Description
StandardHeader	[1..1]	Component	MsgType = AM
PosMaintRptID	[1..1]	String	Unique identifier for this position report
PosTransType	[1..1]	CodeSet	
PositionID	[0..1]	String	Unique identifier for this position entity.
PosReqID	[0..1]	String	Unique identifier for the position maintenance request associated with this report
PosMaintAction	[1..1]	CodeSet	
OrigPosReqRefID	[0..1]	String	Reference to the PosReqID of a previous maintenance request that is being replaced or canceled.
PosMaintStatus	[0..1]	CodeSet	Status of PositionMaintenanceRequest. Conditionally required when responding to a PositionMaintenanceRequest.
PosMaintResult	[0..1]	CodeSet	
ClearingBusinessDate	[1..1]	LocalMktDate	The Clearing Business Date covered by this request
PreviousClearingBusinessDate	[0..1]	LocalMktDate	The business date previous to the clearing business date referred to by this maintenance request.
ValuationDate	[0..1]	LocalMktDate	Valuation date of the position(s) in this report.
ValuationTime	[0..1]	LocalMktTime	Valuation time of the position(s) in this report.
ValuationBusinessCenter	[0..1]	String	Business center of ValuationDate(2085) and ValuationTime(2086). Single value only.

Name	Mult.	Type	Description
DiscountFactor	[0..1]	float	For a forward position this is an appropriate value to discount the mark to market amount from the contract's maturity date back to present value.
RejectText	[0..1]	String	
EncodedRejectTextLen	[0..1]	Length	
EncodedRejectText	[0..1]	data	
SettlSessID	[0..1]	CodeSet	
SettlSessSubID	[0..1]	String	
ClearedIndicator	[0..1]	CodeSet	
ContractRefPosType	[0..1]	CodeSet	
PositionCapacity	[0..1]	CodeSet	
TerminatedIndicator	[0..1]	Boolean	
InputSource	[0..1]	String	
Parties	[0..*]	Group	Position Account
Account	[0..1]	String	
AcctIDSource	[0..1]	CodeSet	
AccountType	[0..1]	CodeSet	Type of account associated with the order (Origin)
PosMaintRptRefID	[0..1]	String	Reference to a PosMaintRptID (Tag 721) from a previous Position Maintenance Report that is being replaced or canceled
Instrument	[1..1]	Component	
Currency	[0..1]	Currency	
CurrencyCodeSource	[0..1]	CodeSet	
SettlDate	[0..1]	LocalMktDate	
SettlCurrency	[0..1]	Currency	
SettlCurrencyCodeSource	[0..1]	CodeSet	
ContraryInstructionIndicator	[0..1]	Boolean	Can be set to true when a position maintenance request is being performed contrary to current money position, i.e. for an exercise of an out of the money position or an abandonment (do not exercise ) of an in the money position
PriorSpreadIndicator	[0..1]	Boolean	
InstrmtLegGrp	[0..*]	Group	Specifies the number of legs that make up the Security
RelatedInstrumentGrp	[0..*]	Group	
UndInstrmtGrp	[0..*]	Group	Specifies the number of underlying legs that make up the Security

Name	Mult.	Type	Description
TrdgSesGrp	[0..*]	Group	Specifies the number of repeating TradingSessionIDs
TransactTime	[0..1]	UTCTimestamp	Time this order request was initiated/released by the trader, trading system, or intermediary. Conditionally required except when requests for reports are processed in batch, transaction time is not available, or when PosReqID is not present.
PositionQty	[0..*]	Group	Conditionally required when PosMaintAction(712) = 1(New), 2(Replace) or 4(Reverse).
PositionAmountData	[0..*]	Group	Insert here here the set of "Position Amount Data" fields defined in "Common Components of Application Messages"
RegulatoryTradeIDGrp	[0..*]	Group	The source, value and relationship of multiple trade identifiers for the same trade, e.g. Unique Swap Identifiers.
PaymentGrp	[0..*]	Group	Additional payments or bullet payments.
AdjustmentType	[0..1]	CodeSet	Type of adjustment to be applied. Delta_plus, Delta_minus, Final. If Adjustment Type is null, the PCS request will be processed as Margin Disposition only
ThresholdAmount	[0..1]	PriceOffset	
RelatedTradeGrp	[0..*]	Group	
Text	[0..1]	String	
EncodedTextLen	[0..1]	Length	Must be set if EncodedText field is specified and must immediately precede it.
EncodedText	[0..1]	data	Encoded (non-ASCII characters) representation of the Text field in the encoded format specified via the MessageEncoding field.
StandardTrailer	[1..1]	Component	

## 109 PositionMaintenanceRequest

Category: PositionMaintenance

### 109.1 Message Functionality

The Position Maintenance Request message allows the position owner to submit requests to the holder of a position which will result in a specific action being taken which will affect the position. Generally, the holder of the position is a central counter party or clearing organization but can also be a party providing investment services.

### 109.2 Structure

Name	Mult.	Type	Description
StandardHeader	[1..1]	Component	MsgType = AL
PosReqID	[0..1]	String	Unique identifier for the position maintenance request as assigned by the submitter. Conditionally required when used in a request/reply scenario (i.e. not required in batch scenario)
PosTransType	[1..1]	CodeSet	
PosMaintAction	[1..1]	CodeSet	
OrigPosReqRefID	[0..1]	String	Reference to the PosReqID of a previous maintenance request that is being replaced or canceled.
PosMaintRptRefID	[0..1]	String	Reference to a PosMaintRptID from a previous Position Maintenance Report that is being replaced or canceled.
ClearingBusinessDate	[1..1]	LocalMktDate	The Clearing Business Date referred to by this maintenance request
SettlDate	[0..1]	LocalMktDate	
SettlSessID	[0..1]	CodeSet	
SettlSessSubID	[0..1]	String	
Parties	[1..*]	Group	The Following PartyRoles can be specified:. ClearingOrganization. Clearing Firm. Position Account
Account	[0..1]	String	
AcctIDSource	[0..1]	CodeSet	

Name	Mult.	Type	Description
AccountType	[0..1]	CodeSet	Type of account associated with the order (Origin)
Instrument	[1..1]	Component	
Currency	[0..1]	Currency	
CurrencyCodeSource	[0..1]	CodeSet	
InstrmtLegGrp	[0..*]	Group	Specifies the number of legs that make up the Security
RelatedInstrumentGrp	[0..*]	Group	
UndInstrmtGrp	[0..*]	Group	Specifies the number of underlying legs that make up the Security
TrdgSesGrp	[0..*]	Group	Specifies the number of repeating TradingSessionIDs
TransactTime	[0..1]	UTCTimestamp	Time this order request was initiated/released by the trader, trading system, or intermediary.
PositionQty	[1..*]	Group	
PositionAmountData	[0..*]	Group	
AdjustmentType	[0..1]	CodeSet	Type of adjustment to be applied, used for PCS & PAJ. Delta_plus, Delta_minus, Final, If Adjustment Type is null, the request will be processed as Margin Disposition
ContraryInstructionIndicator	[0..1]	Boolean	Boolean - if Y then indicates you are requesting a position maintenance that acting
PriorSpreadIndicator	[0..1]	Boolean	Boolean - Y indicates you are requesting rollover of prior day's spread submissions
ThresholdAmount	[0..1]	PriceOffset	
Text	[0..1]	String	
EncodedTextLen	[0..1]	Length	Must be set if EncodedText field is specified and must immediately precede it.
EncodedText	[0..1]	data	Encoded (non-ASCII characters) representation of the Text field in the encoded format specified via the MessageEncoding field.
SettlCurrency	[0..1]	Currency	
SettlCurrencyCodeSource	[0..1]	CodeSet	
StandardTrailer	[1..1]	Component	

## 110 PositionReport

Category: PositionMaintenance

### 110.1 Message Functionality

The Position Report message is returned by the holder of a position in response to a Request for Position message. The purpose of the message is to report all aspects of a position and may be provided on a standing basis to report end of day positions to an owner.

### 110.2 Structure

Name	Mult.	Type	Description
StandardHeader	[1..1]	Component	MsgType = AP
ApplicationSequenceControl	[0..1]	Component	
PosMaintRptID	[1..1]	String	Unique identifier for this position report
PositionID	[0..1]	String	Unique identifier for this position entity.
PosReqID	[0..1]	String	Unique identifier for the Request for Positions associated with this report. This field should not be provided if the report was sent unsolicited.
PosReqType	[0..1]	CodeSet	Will be 7=Net Position if the report contains net position information for margin requirements.
PosReportAction	[0..1]	CodeSet	
MarginReqmtInqID	[0..1]	String	Unique identifier for the inquiry associated with this report. This field should not be provided if the report was sent unsolicited.
SubscriptionRequestType	[0..1]	CodeSet	Used to subscribe / unsubscribe for trade capture reports. If the field is absent, the value 0 will be the default
TotalNumPosReports	[0..1]	int	Total number of Position Reports being returned
TotNumReports	[0..1]	int	
LastRptRequested	[0..1]	CodeSet	
PosReqResult	[0..1]	CodeSet	Result of a Request for Position
UnsolicitedIndicator	[0..1]	CodeSet	Set to 'Y' if message is sent as a result of a subscription request or out of band configuration as opposed to a Position Request.
RegulatoryReportType	[0..1]	CodeSet	

Name	Mult.	Type	Description
RegulatoryReportTypeBusinessDate	[0..1]	LocalMktDate	May be used when the business event date differs from when the regulatory report is actually being submitted (typically specified in TrdRegTimestamps component).
TransactionAttributeGrp	[0..*]	Group	
TrdRegTimestamps	[0..*]	Group	
ClearingBusinessDate	[1..1]	LocalMktDate	The Clearing Business Date referred to by this maintenance request
PreviousClearingBusinessDate	[0..1]	LocalMktDate	The business date previous to the clearing business date referred to by this maintenance request.
ClearingPortfolioID	[0..1]	String	
SettlSessID	[0..1]	CodeSet	
SettlSessSubID	[0..1]	String	
PriceType	[0..1]	CodeSet	
SettlCurrency	[0..1]	Currency	
SettlCurrencyCodeSource	[0..1]	CodeSet	
MessageEventSource	[0..1]	String	Used to identify the event or source which gave rise to a message
ClearedIndicator	[0..1]	CodeSet	
ContractRefPosType	[0..1]	CodeSet	
PositionCapacity	[0..1]	CodeSet	
TerminatedIndicator	[0..1]	Boolean	
TerminationDate	[0..1]	LocalMktDate	
IntraFirmTradeIndicator	[0..1]	Boolean	
TradeContinuation	[0..1]	CodeSet	
TradeContinuationText	[0..1]	String	
EncodedTradeContinuationTextLen	[0..1]	Length	Must be set if EncodedTradeContinuationText(2371) field is specified and must immediately precede it.
EncodedTradeContinuationText	[0..1]	data	Encoded (non-ASCII characters) representation of the TradeContinuationText(2374) field in the encoded format specified via the MessageEncoding(347) field.
TradeCollateralization	[0..1]	CodeSet	
Parties	[1..*]	Group	Position Account

Name	Mult.	Type	Description
Account	[0..1]	String	Account may also be specified through via Parties Block using Party Role 27 which signifies Account
AcctIDSource	[0..1]	CodeSet	
AccountType	[0..1]	CodeSet	Type of account associated with the order (Origin). Account may also be specified through via Parties Block using Party Role 27 which signifies Account
TaxonomyType	[0..1]	CodeSet	
Instrument	[0..1]	Component	
FinancingDetails	[0..1]	Component	
Currency	[0..1]	Currency	
CurrencyCodeSource	[0..1]	CodeSet	
SettlDate	[0..1]	LocalMktDate	Position Settlement Date
SettlPrice	[0..1]	Price	
SettlPriceFxRateCalc	[0..1]	CodeSet	Expresses whether to multiply or divide SettlPrice(730) to arrive at the amount reported in PosAmt(708).
SettlForwardPoints	[0..1]	PriceOffset	
SettlPriceUnitOfMeasure	[0..1]	CodeSet	
SettlPriceUnitOfMeasureCurrency	[0..1]	Currency	
SettlPriceUnitOfMeasureCurrency-CodeSource	[0..1]	CodeSet	
SettlPriceType	[0..1]	CodeSet	Values = Final, Theoretical
PriorSettlPrice	[0..1]	Price	
PositionContingentPrice	[0..1]	Price	
DiscountFactor	[0..1]	float	For a forward position this is an appropriate value to discount the mark to market amount from the contract's maturity date back to present value.
ValuationDate	[0..1]	LocalMktDate	Valuation date of the position(s) in this report
ValuationTime	[0..1]	LocalMktTime	Valuation time of the position(s) in this report
ValuationBusinessCenter	[0..1]	String	Business center of ValuationDate(2085) and ValuationTime(2086). Single value only.
MatchStatus	[0..1]	CodeSet	Used to indicate if a Position Report is matched or unmatched
InstrmtLegGrp	[0..*]	Group	Specifies the number of legs that make up the Security
RelatedInstrumentGrp	[0..*]	Group	
CollateralAmountGrp	[0..*]	Group	



<b>Name</b>	<b>Mult.</b>	<b>Type</b>	<b>Description</b>
CollateralizationValueDate	[0..1]	LocalMktDate	
PosUndInstrmtGrp	[0..*]	Group	Specifies the number of underlying legs that make up the Security
TransactTime	[0..1]	UTCTimestamp	
PositionQty	[0..*]	Group	Insert here the set of "Position Qty" fields defined in "Common Components of Application Messages"
PositionAmountData	[0..*]	Group	Insert here the set of "Position Amount Data" fields defined in "Common Components of Application Messages"
RegulatoryTradeIDGrp	[0..*]	Group	
PaymentGrp	[0..*]	Group	
RegistStatus	[0..1]	CodeSet	RegNonRegInd
DeliveryDate	[0..1]	LocalMktDate	
ModelType	[0..1]	CodeSet	
PriceDelta	[0..1]	float	
RelatedTradeGrp	[0..*]	Group	
Text	[0..1]	String	
EncodedTextLen	[0..1]	Length	Must be set if EncodedText field is specified and must immediately precede it.
EncodedText	[0..1]	data	Encoded (non-ASCII characters) representation of the Text field in the encoded format specified via the MessageEncoding field.
StandardTrailer	[1..1]	Component	

## 111 PositionTransferInstruction

Category: PositionMaintenance

### 111.1 Message Functionality

The PositionTransferInstruction(35=DL) is sent by clearing firms to CCPs to initiate position transfers, or to accept or decline position transfers.

### 111.2 Structure

Name	Mult.	Type	Description
StandardHeader	[1..1]	Component	MsgType = DL
TransferInstructionID	[1..1]	String	Submitting, cancelling, changing, accepting, and declining a transfer are all considered separate instructions, and each must have a unique ID. Chaining of firm generated IDs is not supported; TransferID(2437) assigned by the CCP must be used when sending an instruction referencing a previously submitted transfer.
TransferID	[0..1]	String	Conditionally required when responding to a PositionTransferReport(35=DN) message (e.g. when accepting or declining a transfer) or performing an action on a transfer (e.g. cancel or replace).
TransferTransType	[0..1]	CodeSet	
TransferType	[0..1]	CodeSet	
TransferScope	[0..1]	CodeSet	
Parties	[1..*]	Group	Specifies the source of the position transfer, e.g. the transferor.
TargetParties	[1..*]	Group	Specifies the target of the position transfer.
ClearingBusinessDate	[0..1]	LocalMktDate	Business date the transfer would clear.
TradeDate	[0..1]	LocalMktDate	Trade date associated with the position being transferred.
TransactTime	[0..1]	UTCTimestamp	
Instrument	[0..1]	Component	If not specified, indicates the transfer is for all instruments.
UndInstrmtGrp	[0..*]	Group	

<b>Name</b>	<b>Mult.</b>	<b>Type</b>	<b>Description</b>
PositionQty	[0..*]	Group	Position to transfer from the perspective of the source party prior to the transfer. If not specified, indicates transfer of all positions for a specified instrument, if Instrument is specified, or transfer of all positions if Instrument is not specified.
ClearingTradePrice	[0..1]	Price	Price at which the position is transferred.
Currency	[0..1]	Currency	
CurrencyCodeSource	[0..1]	CodeSet	
PriceType	[0..1]	CodeSet	
PositionAmountData	[0..*]	Group	Optionally used to include cash residuals, etc., from the perspective of the source party prior to the transfer.
Text	[0..1]	String	
EncodedTextLen	[0..1]	Length	Must be set if EncodedText(355) field is specified and must immediately precede it.
EncodedText	[0..1]	data	Encoded (non-ASCII characters) representation of the Text(58) field in the encoded format specified via the MessageEncoding(347) field.
StandardTrailer	[1..1]	Component	

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## 112 PositionTransferInstructionAck

Category: PositionMaintenance

### 112.1 Message Functionality

The PositionTransferInstructionAck(35=DM) is sent by CCPs to clearing firms to acknowledge position transfer instructions, and to report errors processing position transfer instructions.

### 112.2 Structure

Name	Mult.	Type	Description
StandardHeader	[1..1]	Component	MsgType=DM
TransferInstructionID	[1..1]	String	The identifier of the PositionTransferInstruction(35=DL) this message is responding to.
TransferID	[0..1]	String	Optional when responding to a "new" transfer. When responding to a PositionTransferInstruction(35=DM) accepting, declining, or cancelling a transfer already initiated, this field can echo the TransferID(2437) sent.
TransferTransType	[0..1]	CodeSet	
TransferType	[0..1]	CodeSet	
TransferStatus	[0..1]	CodeSet	
TransferRejectReason	[0..1]	CodeSet	Conditionally required when TransferStatus(2442) = 1(Rejected by intermediary).
TransferScope	[0..1]	CodeSet	
Parties	[0..*]	Group	Specifies the source of the position transfer, e.g. the transferor.
TargetParties	[0..*]	Group	Specifies the target of the position transfer.
TransactTime	[0..1]	UTCTimestamp	
RejectText	[0..1]	String	
EncodedRejectTextLen	[0..1]	Length	Must be set if EncodedRejectText(1665) field is specified and must immediately precede it.
EncodedRejectText	[0..1]	data	Encoded (non-ASCII characters) representation of the RejectText(1328) field in the encoded format specified via the MessageEncoding(347) field.
Text	[0..1]	String	

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<b>Name</b>	<b>Mult.</b>	<b>Type</b>	<b>Description</b>
EncodedTextLen	[0..1]	Length	Must be set if EncodedText(355) field is specified and must immediately precede it.
EncodedText	[0..1]	data	Encoded (non-ASCII characters) representation of the Text(58) field in the encoded format specified via the MessageEncoding(347) field.
StandardTrailer	[1..1]	Component	

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## 113 PositionTransferReport

Category: PositionMaintenance

### 113.1 Message Functionality

The PositionTransferReport(35=DN) is sent by CCPs to clearing firms indicating of positions that are to be transferred to the clearing firm, or to report on status of the transfer to the clearing firms involved in the transfer process.

### 113.2 Structure

Name	Mult.	Type	Description
StandardHeader	[1..1]	Component	MsgType = DN
TransferInstructionID	[0..1]	String	Conditionally required when sent in response to a PositionTransferInstruction(35=DM).
TransferReportID	[1..1]	String	
TransferID	[1..1]	String	
TransferTransType	[1..1]	CodeSet	
TransferReportType	[1..1]	CodeSet	
TransferStatus	[1..1]	CodeSet	
TransferRejectReason	[0..1]	CodeSet	Conditionally required when TransferStatus(2422) = 1(Rejected by intermediary).
TransferScope	[0..1]	CodeSet	
Parties	[1..*]	Group	Specifies the source of the position transfer, e.g. the transferor.
TargetParties	[1..*]	Group	Specifies the target of the position transfer.
ClearingBusinessDate	[0..1]	LocalMktDate	Business date the transfer would clear.
TradeDate	[0..1]	LocalMktDate	Trade date associated with the position being transferred.
TransactTime	[0..1]	UTCTimestamp	
Instrument	[0..1]	Component	If not specified, indicates the transfer is for all instruments.
UndInstrmtGrp	[0..*]	Group	

<b>Name</b>	<b>Mult.</b>	<b>Type</b>	<b>Description</b>
PositionQty	[0..*]	Group	Position to transfer from the perspective of the source party prior to the transfer. If not specified, indicates transfer of all positions for a specified instrument, if Instrument is specified, or transfer of all positions if Instrument is not specified.
ClearingTradePrice	[0..1]	Price	Price at which the position is transferred.
Currency	[0..1]	Currency	
CurrencyCodeSource	[0..1]	CodeSet	
PriceType	[0..1]	CodeSet	
PositionAmountData	[0..*]	Group	Optionally used to include cash residuals, etc., from the perspective of the source party prior to the transfer.
RejectText	[0..1]	String	
EncodedRejectTextLen	[0..1]	Length	Must be set if EncodedRejectText(1665) field is specified and must immediately precede it.
EncodedRejectText	[0..1]	data	Encoded (non-ASCII characters) representation of the RejectText(1328) field in the encoded format specified via the MessageEncoding(347) field.
Text	[0..1]	String	
EncodedTextLen	[0..1]	Length	Must be set if EncodedText(355) field is specified and must immediately precede it.
EncodedText	[0..1]	data	Encoded (non-ASCII characters) representation of the Text(58) field in the encoded format specified via the MessageEncoding(347) field.
StandardTrailer	[0..1]	Component	

## 114 Quote

Category: QuotationNegotiation

### 114.1 Message Functionality

The Quote message is used as the response to a Quote Request or a Quote Response message in both indicative, tradeable, and restricted tradeable quoting markets.

### 114.2 Structure

Name	Mult.	Type	Description
StandardHeader	[1..1]	Component	MsgType = S
QuoteReqID	[0..1]	String	Required when quote is in response to a QuoteRequest(35=R) message.
QuoteID	[1..1]	String	
BidID	[0..1]	String	Unique identifier for the bid side of the quote.
OfferID	[0..1]	String	Unique identifier for the ask side of the quote.
SecondaryQuoteID	[0..1]	String	Can be used when modifying an existing quote.
QuoteMsgID	[0..1]	String	Optionally used to supply a message identifier for a quote.
QuoteRespID	[0..1]	String	Required when responding to the QuoteResponse(35=AJ) message. The counterparty specified ID of the QuoteResponse(35=AJ) message.
RefOrderID	[0..1]	String	May be used to refer to a related quote.
RefOrderIDSource	[0..1]	CodeSet	Conditionally required if RefOrderID(1080) is specified.
QuoteType	[0..1]	CodeSet	If not specified, the default is an indicative quote.
QuoteModelType	[0..1]	CodeSet	
PrivateQuote	[0..1]	CodeSet	Used to indicate whether a private negotiation is requested or if the response should be public. Only relevant in markets supporting both Private and Public quotes. If field is not provided in message, the model used must be bilaterally agreed.
SingleQuoteIndicator	[0..1]	CodeSet	
QuotQualGrp	[0..*]	Group	



Name	Mult.	Type	Description
TrdType	[0..1]	CodeSet	
NegotiationMethod	[0..1]	CodeSet	
QuoteResponseLevel	[0..1]	CodeSet	
QuoteAttributeGrp	[0..*]	Group	May be used by the quote provider to indicate pre-trade transparency waiver determination in the context of MiFID II.
ValueChecksGrp	[0..*]	Group	
Parties	[0..*]	Group	
TradingSessionID	[0..1]	CodeSet	
TradingSessionSubID	[0..1]	CodeSet	
Instrument	[1..1]	Component	
FinancingDetails	[0..1]	Component	
UndInstrmtGrp	[0..*]	Group	
Side	[0..1]	CodeSet	Required for 1-sided tradeable or counter quotes of single instruments. Omit for 2-sided tradeable quote.
OrderQtyData	[0..1]	Component	Conditionally required for Tradeable or Counter quotes of single instruments when applicable for the type of instrument.
SettlType	[0..1]	CodeSet	
SettlDate	[0..1]	LocalMktDate	Can be used with forex quotes to specify a specific "value date". For NDFs this is required.
SettlDate2	[0..1]	LocalMktDate	Can be used with OrdType = "Forex - Swap" to specify the "value date" for the future portion of a F/X swap.
OrderQty2	[0..1]	Qty	Can be used with OrdType = "Forex - Swap" to specify the order quantity for the future portion of a F/X swap.
Currency	[0..1]	Currency	Can be used to specify the currency of the quoted prices. May differ from the 'normal' trading currency of the instrument being quoted
CurrencyCodeSource	[0..1]	CodeSet	
SettlCurrency	[0..1]	Currency	Required for NDFs to specify the settlement currency (fixing currency).
SettlCurrencyCodeSource	[0..1]	CodeSet	
RateSource	[0..*]	Group	
Stipulations	[0..*]	Group	

Name	Mult.	Type	Description
Account	[0..1]	String	
AcctIDSource	[0..1]	CodeSet	
AccountType	[0..1]	CodeSet	
OwnerType	[0..1]	CodeSet	
SolicitedFlag	[0..1]	CodeSet	
LegQuotGrp	[0..*]	Group	Required for multileg quotes
BidPx	[0..1]	Price	If F/X quote, should be the "all-in" rate (spot rate adjusted for forward points). Note that either BidPx, OfferPx or both must be specified.
OfferPx	[0..1]	Price	If F/X quote, should be the "all-in" rate (spot rate adjusted for forward points). Note that either BidPx, OfferPx or both must be specified.
MktBidPx	[0..1]	Price	Can be used by markets that require showing the current best bid and offer
MktOfferPx	[0..1]	Price	Can be used by markets that require showing the current best bid and offer
MinBidSize	[0..1]	Qty	Used for markets that use a minimum and maximum bid size.
BidSize	[0..1]	Qty	If MinBidSize(647) is specified, BidSize(134) is interpreted to contain the maximum bid size.
TotalBidSize	[0..1]	Qty	
MinOfferSize	[0..1]	Qty	Used for markets that use a minimum and maximum offer size.
OfferSize	[0..1]	Qty	If MinOfferSize(648) is specified, OfferSize(135) is interpreted to contain the maximum offer size.
TotalOfferSize	[0..1]	Qty	
MinQty	[0..1]	Qty	For use in private/directed quote negotiations.
ExposureDuration	[0..1]	int	
ExposureDurationUnit	[0..1]	CodeSet	
ValidUntilTime	[0..1]	UTCTimestamp	The time when the quote will expire
BidSpotRate	[0..1]	Price	
OfferSpotRate	[0..1]	Price	
BidForwardPoints	[0..1]	PriceOffset	
OfferForwardPoints	[0..1]	PriceOffset	
BidSwapPoints	[0..1]	PriceOffset	
OfferSwapPoints	[0..1]	PriceOffset	
MidPx	[0..1]	Price	

Name	Mult.	Type	Description
BidYield	[0..1]	Percentage	
MidYield	[0..1]	Percentage	
OfferYield	[0..1]	Percentage	
TransactTime	[0..1]	UTCTimestamp	
TrdRegTimestamps	[0..*]	Group	
OrdType	[0..1]	CodeSet	Can be used to specify the type of order the quote is for
BidForwardPoints2	[0..1]	PriceOffset	Bid F/X forward points of the future portion of a F/X swap quote added to spot rate. May be a negative value
OfferForwardPoints2	[0..1]	PriceOffset	Offer F/X forward points of the future portion of a F/X swap quote added to spot rate. May be a negative value
SettlCurrBidFxRate	[0..1]	float	Can be used when the quote is provided in a currency other than the instrument's 'normal' trading currency. Applies to all bid prices contained in this quote message
SettlCurrOfferFxRate	[0..1]	float	Can be used when the quote is provided in a currency other than the instrument's 'normal' trading currency. Applies to all offer prices contained in this quote message
SettlCurrFxRateCalc	[0..1]	CodeSet	Can be used when the quote is provided in a currency other than the instruments trading currency.
CommissionData	[0..1]	Component	Can be used to show the counterparty the commission associated with the transaction.
CustOrderCapacity	[0..1]	CodeSet	
ExDestination	[0..1]	Exchange	Used when routing quotes to multiple markets
ExDestinationIDSource	[0..1]	CodeSet	
BookingType	[0..1]	CodeSet	
OrderCapacity	[0..1]	CodeSet	
OrderRestrictions	[0..1]	CodeSet	
RegulatoryReportType	[0..1]	CodeSet	
PriceType	[0..1]	CodeSet	
PriceQualifierGrp	[0..*]	Group	
BidSpread	[0..1]	float	SpreadOrBenchmarkCurveData component may be used to specify the benchmark.

Name	Mult.	Type	Description
OfferSpread	[0..1]	float	SpreadOrBenchmarkCurveData component may be used to specify the benchmark.
SpreadOrBenchmarkCurveData	[0..1]	Component	Spread(218) may be used for a mid-spread value.
RelativeValueGrp	[0..*]	Group	
YieldData	[0..1]	Component	
RoutingGrp	[0..*]	Group	
TradeContinuation	[0..1]	CodeSet	May be used to indicate the quote/negotiation is for the specified post-execution trade continuation or lifecycle event.
TradeContinuationText	[0..1]	String	
EncodedTradeContinuationTextLen	[0..1]	Length	Must be set if EncodedTradeContinuationText(2371) field is specified and must immediately precede it.
EncodedTradeContinuationText	[0..1]	data	Encoded (non-ASCII characters) representation of the TradeContinuationText(2374) field in the encoded format specified via the MessageEncoding(347) field.
SelfMatchPreventionID	[0..1]	String	
SelfMatchPreventionInstruction	[0..1]	CodeSet	
ThrottleInst	[0..1]	CodeSet	
ComplianceID	[0..1]	String	
ComplianceText	[0..1]	String	
EncodedComplianceTextLen	[0..1]	Length	Must be set if EncodedComplianceText(2352) field is specified and must immediately precede it.
EncodedComplianceText	[0..1]	data	Encoded (non-ASCII characters) representation of the ComplianceText(2404) field in the encoded format specified via the MessageEncoding(347) field.
Text	[0..1]	String	
EncodedTextLen	[0..1]	Length	Must be set if EncodedText field is specified and must immediately precede it.
EncodedText	[0..1]	data	Encoded (non-ASCII characters) representation of the Text field in the encoded format specified via the MessageEncoding field.
StrikeTime	[0..1]	UTCTimestamp	Conditionally required when QuoteQual(695) = d (Deferred spot) is specified.
StandardTrailer	[1..1]	Component	

## 115 QuoteAck

Category: QuotationNegotiation

### 115.1 Message Functionality

The QuoteAck(35=CW) message is used to acknowledge a Quote(35=S) submittal or request to cancel an individual quote using the QuoteCancel(35=Z) message during a Quote/Negotiation dialog.

### 115.2 Structure

Name	Mult.	Type	Description
StandardHeader	[1..1]	Component	35=CW
QuoteID	[0..1]	String	Contains the QuoteID(117) of a single Quote(35=S).
QuoteMsgID	[0..1]	String	Contains the QuoteMsgID(1166) of a single Quote(35=S) or QuoteCancel(35=Z).
QuoteReqID	[0..1]	String	
QuoteType	[0..1]	CodeSet	
QuoteCancelType	[0..1]	CodeSet	
SecondaryQuoteID	[0..1]	String	
QuoteAckStatus	[1..1]	CodeSet	
QuoteRejectReason	[0..1]	CodeSet	Conditionally required when QuoteAckStatus(1865) = 2(Rejected).
RejectText	[0..1]	String	
EncodedRejectTextLen	[0..1]	Length	
EncodedRejectText	[0..1]	data	
Parties	[0..*]	Group	
QuoteAttributeGrp	[0..*]	Group	May be used by the quote receiver to inform quote provider of pre-trade transparency waiver determination in the context of MiFID II.
Text	[0..1]	String	
EncodedTextLen	[0..1]	Length	
EncodedText	[0..1]	data	
StandardTrailer	[1..1]	Component	

## 116 QuoteCancel

Category: QuotationNegotiation

### 116.1 Message Functionality

The Quote Cancel message is used by an originator of quotes to cancel quotes.

The Quote Cancel message supports cancellation of:

- All quotes
- Quotes for a specific symbol or security ID
- All quotes for a security type
- All quotes for an underlying

### 116.2 Structure

Name	Mult.	Type	Description
StandardHeader	[1..1]	Component	MsgType = Z
QuoteReqID	[0..1]	String	Required when quote is in response to a Quote Request message
QuoteID	[0..1]	String	Conditionally required when QuoteCancelType(298) = 5 (Cancel specified single quote) and SecondaryQuoteID(1751) is not specified. Maps to QuoteID(117) of a single Quote(35=S) or QuoteEntryID(299) of a MassQuote(35=i)
SecondaryQuoteID	[0..1]	String	Conditionally required when QuoteCancelType(298) = 5 (Cancel specific single quote) and QuoteID(117) is not specified.
QuoteMsgID	[0..1]	String	Optionally used to supply a message identifier for a quote cancel.
QuoteCancelType	[1..1]	CodeSet	Identifies the type of Quote Cancel request.
QuoteType	[0..1]	CodeSet	Conditionally required when QuoteCancelType(298)=6(Cancel by type of quote).
QuoteResponseLevel	[0..1]	CodeSet	Level of Response requested from receiver of quote messages.

<b>Name</b>	<b>Mult.</b>	<b>Type</b>	<b>Description</b>
Parties	[0..*]	Group	Insert here the set of "Parties" (firm identification) fields defined in "Common Components of Application Messages"
TargetParties	[0..*]	Group	Can be used to specify the parties to whom the Quote Cancel should be applied.
Account	[0..1]	String	
AcctIDSource	[0..1]	CodeSet	
AccountType	[0..1]	CodeSet	Type of account associated with the order (Origin)
TradingSessionID	[0..1]	CodeSet	
TradingSessionSubID	[0..1]	CodeSet	
QuotCxlEntriesGrp	[0..*]	Group	The number of securities (instruments) whose quotes are to be canceled. Not required when cancelling all quotes.
StandardTrailer	[1..1]	Component	

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## 117 QuoteRequest

Category: QuotationNegotiation

### 117.1 Message Functionality

In some markets it is the practice to request quotes from brokers prior to placement of an order. The quote request message is used for this purpose. This message is commonly referred to as an Request For Quote (RFQ)

### 117.2 Structure

Name	Mult.	Type	Description
StandardHeader	[1..1]	Component	MsgType = R
QuoteReqID	[1..1]	String	
RFQReqID	[0..1]	String	For tradeable quote model - used to indicate to which RFQ Request this Quote Request is in response.
ClOrdID	[0..1]	String	Required only in two party models when QuoteType(537) = '1' (Tradeable) and the OrdType(40) = '2' (Limit).
BookingType	[0..1]	CodeSet	
OrderCapacity	[0..1]	CodeSet	
OrderRestrictions	[0..1]	CodeSet	
PrivateQuote	[0..1]	CodeSet	Used to indicate whether a private negotiation is requested or if the response should be public. Only relevant in markets supporting both Private and Public quotes. If field is not provided in message, the model used must be bilaterally agreed.
RespondentType	[0..1]	CodeSet	
PreTradeAnonymity	[0..1]	Boolean	
RootParties	[0..*]	Group	Insert here the set of "Root Parties" fields defined in "common components of application messages". Used for acting parties that applies to the whole message, not individual legs, sides, etc.
QuotReqGrp	[1..*]	Group	Number of related symbols (instruments) in Request



<b>Name</b>	<b>Mult.</b>	<b>Type</b>	<b>Description</b>
ComplianceID	[0..1]	String	
ComplianceText	[0..1]	String	
EncodedComplianceTextLen	[0..1]	Length	Must be set if EncodedComplianceText(2352) field is specified and must immediately precede it.
EncodedComplianceText	[0..1]	data	Encoded (non-ASCII characters) representation of the ComplianceText(2404) field in the encoded format specified via the MessageEncoding(347) field.
Text	[0..1]	String	
EncodedTextLen	[0..1]	Length	Must be set if EncodedText field is specified and must immediately precede it.
EncodedText	[0..1]	data	Encoded (non-ASCII characters) representation of the Text field in the encoded format specified via the MessageEncoding field.
StandardTrailer	[1..1]	Component	

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## 118 QuoteRequestReject

Category: QuotationNegotiation

### 118.1 Message Functionality

The Quote Request Reject message is used to reject Quote Request messages for all quoting models.

### 118.2 Structure

Name	Mult.	Type	Description
StandardHeader	[1..1]	Component	MsgType = AG
QuoteReqID	[1..1]	String	
RFQReqID	[0..1]	String	For tradeable quote model - used to indicate to which RFQ Request this Quote Request is in response.
QuoteRequestRejectReason	[1..1]	CodeSet	Reason Quote was rejected
PrivateQuote	[0..1]	CodeSet	Used to indicate whether a private negotiation is requested or if the response should be public. Only relevant in markets supporting both Private and Public quotes.
RespondentType	[0..1]	CodeSet	
PreTradeAnonymity	[0..1]	Boolean	
RootParties	[0..*]	Group	Insert here the set of "Root Parties" fields defined in "common components of application messages". Used for acting parties that applies to the whole message, not individual legs, sides, etc.
QuotReqRjctGrp	[1..*]	Group	Number of related symbols (instruments) in Request
Text	[0..1]	String	
EncodedTextLen	[0..1]	Length	Must be set if EncodedText field is specified and must immediately precede it.
EncodedText	[0..1]	data	Encoded (non-ASCII characters) representation of the Text field in the encoded format specified via the MessageEncoding field.
StandardTrailer	[1..1]	Component	

## 119 QuoteResponse

Category: QuotationNegotiation

### 119.1 Message Functionality

The QuoteResponse(35=AJ) message is used for the following purposes:

1. Respond to an IOI(35=6) message
2. Respond to a Quote(35=S) message
3. Counter a Quote
4. End a negotiation dialog
5. Follow-up or end a QuoteRequest(35=R) dialog that did not receive a response.

### 119.2 Structure

Name	Mult.	Type	Description
StandardHeader	[1..1]	Component	MsgType = AJ
QuoteRespID	[1..1]	String	Unique ID as assigned by the Initiator
QuoteID	[0..1]	String	Required only when responding to a Quote.
QuoteMsgID	[0..1]	String	Optionally used when responding to a Quote.
QuoteReqID	[0..1]	String	Contains the QuoteReqID(131) of the QuoteRequest(35=R).
QuoteRespType	[1..1]	CodeSet	
ClOrdID	[0..1]	String	Unique ID as assigned by the Initiator. Required only in two-party models when QuoteRespType(694) = 1 (Hit/Lift) or 2 (Counter quote).
OrderCapacity	[0..1]	CodeSet	
OrderRestrictions	[0..1]	CodeSet	
IOIID	[0..1]	String	Required only when responding to an IOI.
QuoteType	[0..1]	CodeSet	Default is Indicative.
PreTradeAnonymity	[0..1]	Boolean	
QuotQualGrp	[0..*]	Group	
TrdType	[0..1]	CodeSet	May be used by SEFs (Swap Execution Facilities) to indicate a block swap transaction.
RegulatoryTransactionType	[0..1]	CodeSet	

Name	Mult.	Type	Description
NegotiationMethod	[0..1]	CodeSet	
Parties	[0..*]	Group	Insert here the set of "Parties" (firm identification) fields defined in "Common Components of Application Messages"
TradingSessionID	[0..1]	CodeSet	
TradingSessionSubID	[0..1]	CodeSet	
Instrument	[1..1]	Component	Insert here the set of "Instrument" (symbology) fields defined in "Common Components of Application Messages". For multilegs supply minimally a value for Symbol (55).
FinancingDetails	[0..1]	Component	Insert here the set of "FinancingDetails" (symbology) fields defined in "Common Components of Application Messages". For multilegs supply minimally a value for Symbol (55).
UndInstrmtGrp	[0..*]	Group	Number of underlyings
Side	[0..1]	CodeSet	Required when counterung a single instrument quote or "hit/lift" an IOI or Quote.
OrderQtyData	[0..1]	Component	Conditionally required when counterung a single instrument quote or "hit/lift" an IOI or Quote when applicable for the type of instrument.
MinQty	[0..1]	Qty	
SettlType	[0..1]	CodeSet	
SettlDate	[0..1]	LocalMktDate	Can be used with forex quotes to specify a specific "value date"
TerminationDate	[0..1]	LocalMktDate	
SettlDate2	[0..1]	LocalMktDate	Can be used with OrdType = "Forex - Swap" to specify the "value date" for the future portion of a F/X swap.
OrderQty2	[0..1]	Qty	Can be used with OrdType = "Forex - Swap" to specify the order quantity for the future portion of a F/X swap.
Currency	[0..1]	Currency	Can be used to specify the currency of the quoted prices. May differ from the 'normal' trading currency of the instrument being quoted
CurrencyCodeSource	[0..1]	CodeSet	
Stipulations	[0..*]	Group	Optional
Account	[0..1]	String	
AcctIDSource	[0..1]	CodeSet	Used to identify the source of the Account code.

Name	Mult.	Type	Description
AccountType	[0..1]	CodeSet	Type of account associated with the order (Origin)
LegQuotGrp	[0..*]	Group	Required for multileg quote response
BidPx	[0..1]	Price	If F/X quote, should be the "all-in" rate (spot rate adjusted for forward points). Note that either BidPx, OfferPx or both must be specified.
OfferPx	[0..1]	Price	If F/X quote, should be the "all-in" rate (spot rate adjusted for forward points). Note that either BidPx, OfferPx or both must be specified.
MktBidPx	[0..1]	Price	Can be used by markets that require showing the current best bid and offer
MktOfferPx	[0..1]	Price	Can be used by markets that require showing the current best bid and offer
MinBidSize	[0..1]	Qty	Specifies the minimum bid size. Used for markets that use a minimum and maximum bid size.
BidSize	[0..1]	Qty	Specifies the bid size. If MinBidSize is specified, BidSize is interpreted to contain the maximum bid size.
MinOfferSize	[0..1]	Qty	Specifies the minimum offer size. If MinOfferSize is specified, OfferSize is interpreted to contain the maximum offer size.
OfferSize	[0..1]	Qty	Specified the offer size. If MinOfferSize is specified, OfferSize is interpreted to contain the maximum offer size.
ValidUntilTime	[0..1]	UTCTimestamp	The time when the QuoteResponse(35=AJ) will expire. Required for FI when the QuoteRespType(694) is either 1 (Hit/Lift) or 2 (Counter quote) to indicate to the respondent when the offer is valid until.
BidSpotRate	[0..1]	Price	May be applicable for F/X quotes
OfferSpotRate	[0..1]	Price	May be applicable for F/X quotes
BidForwardPoints	[0..1]	PriceOffset	May be applicable for F/X quotes
OfferForwardPoints	[0..1]	PriceOffset	May be applicable for F/X quotes
MidPx	[0..1]	Price	
BidYield	[0..1]	Percentage	
MidYield	[0..1]	Percentage	
OfferYield	[0..1]	Percentage	
TransactTime	[0..1]	UTCTimestamp	

Name	Mult.	Type	Description
OrdType	[0..1]	CodeSet	Can be used to specify the type of order the quote is for.
BidForwardPoints2	[0..1]	PriceOffset	Bid F/X forward points of the future portion of a F/X swap quote added to spot rate. May be a negative value
OfferForwardPoints2	[0..1]	PriceOffset	Offer F/X forward points of the future portion of a F/X swap quote added to spot rate. May be a negative value
SettlCurrBidFxRate	[0..1]	float	Can be used when the quote is provided in a currency other than the instrument's 'normal' trading currency. Applies to all bid prices contained in this quote message
SettlCurrOfferFxRate	[0..1]	float	Can be used when the quote is provided in a currency other than the instrument's 'normal' trading currency. Applies to all offer prices contained in this quote message
SettlCurrFxRateCalc	[0..1]	CodeSet	Can be used when the quote is provided in a currency other than the instruments trading currency.
CommissionData	[0..1]	Component	Can be used to show the counterparty the commission associated with the transaction.
CustOrderCapacity	[0..1]	CodeSet	For Futures Exchanges
ExDestination	[0..1]	Exchange	Used when routing quotes to multiple markets
ExDestinationIDSource	[0..1]	CodeSet	
Text	[0..1]	String	
EncodedTextLen	[0..1]	Length	Must be set if EncodedText field is specified and must immediately precede it.
EncodedText	[0..1]	data	Encoded (non-ASCII characters) representation of the Text field in the encoded format specified via the MessageEncoding field.
Price	[0..1]	Price	
PriceType	[0..1]	CodeSet	
PriceQualifierGrp	[0..*]	Group	
CoverPrice	[0..1]	Price	
SpreadOrBenchmarkCurveData	[0..1]	Component	Insert here the set of "SpreadOrBenchmarkCurveData" fields defined in "Common Components of Application Messages"
YieldData	[0..1]	Component	Insert here the set of "YieldData" fields defined in "Common Components of Application Messages"

<b>Name</b>	<b>Mult.</b>	<b>Type</b>	<b>Description</b>
TradeContinuation	[0..1]	CodeSet	May be used to indicate the quote/negotiation is for the specified post-execution trade continuation or lifecycle event.
TradeContinuationText	[0..1]	String	
EncodedTradeContinuationTextLen	[0..1]	Length	Must be set if EncodedTradeContinuationText(2371) field is specified and must immediately precede it.
EncodedTradeContinuationText	[0..1]	data	Encoded (non-ASCII characters) representation of the TradeContinuationText(2374) field in the encoded format specified via the MessageEncoding(347) field.
StrikeTime	[0..1]	UTCTimestamp	Conditionally required when QuoteQual(695) = d (Deferred spot) is specified.
StandardTrailer	[1..1]	Component	

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## 120 QuoteStatusReport

Category: QuotationNegotiation

### 120.1 Message Functionality

The quote status report message is used:

- as the response to a Quote Status Request message
- as a response to a Quote Cancel message
- as a response to a Quote Response message in a negotiation dialog (see Volume 7 – PRODUCT: FIXED INCOME and USER GROUP: EXCHANGES AND MARKETS)

### 120.2 Structure

Name	Mult.	Type	Description
StandardHeader	[1..1]	Component	MsgType = AI
QuoteStatusReqID	[0..1]	String	
QuoteReqID	[0..1]	String	Required when quote is in response to a Quote Request message
QuoteID	[0..1]	String	Contains the QuoteID(117) of a single Quote(MsgType=S) or QuoteEntryID(299) of a MassQuote(MsgType=i).
BidID	[0..1]	String	Contains the BidID(390) of a single Quote(35=S).
OfferID	[0..1]	String	Contains the QuoteID(1867) of a single Quote(35=S).
SecondaryQuoteID	[0..1]	String	
QuoteMsgID	[0..1]	String	Contains the QuoteMsgID(1166) of a single Quote(MsgType=S) or QuoteID(117) of a MassQuote(MsgType=i).
QuoteRespID	[0..1]	String	Required when responding to a QuoteResponse(35=AJ) message.
QuoteType	[0..1]	CodeSet	If not specified, the default is an indicative quote.
QuoteCancelType	[0..1]	CodeSet	
Parties	[0..*]	Group	
TargetParties	[0..*]	Group	Can be populated with the values provided on the associated QuoteStatusRequest(MsgType=A).



Name	Mult.	Type	Description
TradingSessionID	[0..1]	CodeSet	
TradingSessionSubID	[0..1]	CodeSet	
Instrument	[0..1]	Component	Conditionally required when reporting status of a single security quote.
FinancingDetails	[0..1]	Component	
UndInstrmtGrp	[0..*]	Group	
Side	[0..1]	CodeSet	
OrderQtyData	[0..1]	Component	Conditionally required for quotes of single instrument depending on the type of instrument when QuoteType(537)=1 (Tradeable).
SettlType	[0..1]	CodeSet	
SettlDate	[0..1]	LocalMktDate	Can be used with forex quotes to specify a specific "value date"
SettlDate2	[0..1]	LocalMktDate	Can be used with OrdType = "Forex - Swap" to specify the "value date" for the future portion of a F/X swap.
TerminationDate	[0..1]	LocalMktDate	
OrderQty2	[0..1]	Qty	Can be used with OrdType = "Forex - Swap" to specify the order quantity for the future portion of a F/X swap.
Currency	[0..1]	Currency	Can be used to specify the currency of the quoted prices. May differ from the 'normal' trading currency of the instrument being quoted
CurrencyCodeSource	[0..1]	CodeSet	
Stipulations	[0..*]	Group	
Account	[0..1]	String	
AcctIDSource	[0..1]	CodeSet	
AccountType	[0..1]	CodeSet	
LegQuotStatGrp	[0..*]	Group	Conditionally required for multileg quote status reports.
QuotQualGrp	[0..*]	Group	
QuoteAttributeGrp	[0..*]	Group	
EventInitiatorType	[0..1]	CodeSet	
NegotiationMethod	[0..1]	CodeSet	
ExpireTime	[0..1]	UTCTimestamp	
Price	[0..1]	Price	
PriceType	[0..1]	CodeSet	

Name	Mult.	Type	Description
PriceQualifierGrp	[0..*]	Group	
SpreadOrBenchmarkCurveData	[0..1]	Component	
YieldData	[0..1]	Component	
BidQuoteID	[0..1]	String	
OfferQuoteID	[0..1]	String	
BidMDEntryID	[0..1]	String	
OfferMDEntryID	[0..1]	String	
BidPx	[0..1]	Price	If F/X quote, should be the "all-in" rate (spot rate adjusted for forward points). Note that either BidPx, OfferPx or both must be specified.
OfferPx	[0..1]	Price	If F/X quote, should be the "all-in" rate (spot rate adjusted for forward points). Note that either BidPx, OfferPx or both must be specified.
MktBidPx	[0..1]	Price	Can be used by markets that require showing the current best bid and offer
MktOfferPx	[0..1]	Price	Can be used by markets that require showing the current best bid and offer
MinBidSize	[0..1]	Qty	Used for markets that use a minimum and maximum bid size.
BidSize	[0..1]	Qty	If MinBidSize(647) is specified, BidSize(134) is interpreted to contain the maximum bid size.
TotalBidSize	[0..1]	Qty	
MinOfferSize	[0..1]	Qty	Used for markets that use a minimum and maximum offer size.
OfferSize	[0..1]	Qty	If MinOfferSize(648) is specified, OfferSize(135) is interpreted to contain the maximum offer size.
TotalOfferSize	[0..1]	Qty	
MinQty	[0..1]	Qty	
ValidUntilTime	[0..1]	UTCTimestamp	
BidSpotRate	[0..1]	Price	
OfferSpotRate	[0..1]	Price	
BidForwardPoints	[0..1]	PriceOffset	
OfferForwardPoints	[0..1]	PriceOffset	
MidPx	[0..1]	Price	
BidYield	[0..1]	Percentage	
MidYield	[0..1]	Percentage	
OfferYield	[0..1]	Percentage	

Name	Mult.	Type	Description
TransactTime	[0..1]	UTCTimestamp	
TrdRegTimestamps	[0..*]	Group	
OrdType	[0..1]	CodeSet	Can be used to specify the type of order the quote is for
BidForwardPoints2	[0..1]	PriceOffset	Bid F/X forward points of the future portion of a F/X swap quote added to spot rate. May be a negative value
OfferForwardPoints2	[0..1]	PriceOffset	Offer F/X forward points of the future portion of a F/X swap quote added to spot rate. May be a negative value
SettlCurrBidFxRate	[0..1]	float	Can be used when the quote is provided in a currency other than the instrument's 'normal' trading currency. Applies to all bid prices contained in this message
SettlCurrOfferFxRate	[0..1]	float	Can be used when the quote is provided in a currency other than the instrument's 'normal' trading currency. Applies to all offer prices contained in this message
SettlCurrFxRateCalc	[0..1]	CodeSet	Can be used when the quote is provided in a currency other than the instruments trading currency.
CommissionData	[0..1]	Component	Can be used to show the counterparty the commission associated with the transaction.
CustOrderCapacity	[0..1]	CodeSet	
ExDestination	[0..1]	Exchange	Used when routing quotes to multiple markets
ExDestinationIDSource	[0..1]	CodeSet	
BookingType	[0..1]	CodeSet	
OrderCapacity	[0..1]	CodeSet	
OrderRestrictions	[0..1]	CodeSet	
RegulatoryReportType	[0..1]	CodeSet	
QuoteStatus	[0..1]	CodeSet	
QuoteRejectReason	[0..1]	CodeSet	
RejectText	[0..1]	String	Reason description for rejecting the quote.
EncodedRejectTextLen	[0..1]	Length	Must be set if EncodedRejectText(1665) field is specified and must immediately precede it.
EncodedRejectText	[0..1]	data	Encoded (non-ASCII characters) representation of the RejectText(1328) field in the encoded format specified via the MessageEncoding(347) field.

<b>Name</b>	<b>Mult.</b>	<b>Type</b>	<b>Description</b>
TradeContinuation	[0..1]	CodeSet	If specified, this should echo the value in the message this status message is in response to.
TradeContinuationText	[0..1]	String	
EncodedTradeContinuationTextLen	[0..1]	Length	Must be set if EncodedTradeContinuationText(2371) field is specified and must immediately precede it.
EncodedTradeContinuationText	[0..1]	data	Encoded (non-ASCII characters) representation of the TradeContinuationText(2374) field in the encoded format specified via the MessageEncoding(347) field.
ThrottleResponse	[0..1]	Component	
Text	[0..1]	String	
EncodedTextLen	[0..1]	Length	
EncodedText	[0..1]	data	
StrikeTime	[0..1]	UTCTimestamp	Conditionally required when QuoteQual(695) = d (Deferred spot) is specified.
StandardTrailer	[1..1]	Component	

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## 121 QuoteStatusRequest

Category: QuotationNegotiation

### 121.1 Message Functionality

The quote status request message is used for the following purposes in markets that employ tradeable or restricted tradeable quotes:

- For the issuer of a quote in a market to query the status of that quote (using the QuoteID to specify the target quote).
- To subscribe and unsubscribe for Quote Status Report messages for one or more securities.

### 121.2 Structure

Name	Mult.	Type	Description
StandardHeader	[1..1]	Component	MsgType = a (lowercase)
QuoteStatusReqID	[0..1]	String	
QuoteID	[0..1]	String	Maps to: - QuoteID(117) of a single Quote. - QuoteEntryID(299) of a Mass Quote.
Instrument	[0..1]	Component	Conditionally required when requesting status of a single security quote.
FinancingDetails	[0..1]	Component	Insert here the set of "FinancingDetails" (symbology) fields defined in "Common Components of Application Messages"
UndInstrmtGrp	[0..*]	Group	Number of underlyings
InstrmtLegGrp	[0..*]	Group	Required for multileg quotes
Parties	[0..*]	Group	Insert here the set of "Parties" (firm identification) fields defined in "Common Components of Application Messages"
TargetParties	[0..*]	Group	Can be used to specify the parties to whom the Quote Status Request should apply.
Account	[0..1]	String	
AcctIDSource	[0..1]	CodeSet	
AccountType	[0..1]	CodeSet	Type of account associated with the order (Origin)
TradingSessionID	[0..1]	CodeSet	
TradingSessionSubID	[0..1]	CodeSet	

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<b>Name</b>	<b>Mult.</b>	<b>Type</b>	<b>Description</b>
SubscriptionRequestType	[0..1]	CodeSet	Used to subscribe for Quote Status Report messages
StandardTrailer	[1..1]	Component	

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## 122 RFQRequest

Category: QuotationNegotiation

### 122.1 Message Functionality

In tradeable and restricted tradeable quoting markets – Quote Requests are issued by counterparties interested in ascertaining the market for an instrument. Quote Requests are then distributed by the market to liquidity providers who make markets in the instrument. The RFQ Request is used by liquidity providers to indicate to the market for which instruments they are interested in receiving Quote Requests. It can be used to register interest in receiving quote requests for a single instrument or for multiple instruments

### 122.2 Structure

Name	Mult.	Type	Description
StandardHeader	[1..1]	Component	MsgType = AH
RFQReqID	[1..1]	String	
Parties	[0..*]	Group	Insert here the set of Parties (firm identification) fields defined in COMMON COMPONENTS OF APPLICATION MESSAGES
RFQReqGrp	[1..*]	Group	Number of related symbols (instruments) in Request
SubscriptionRequestType	[0..1]	CodeSet	Used to subscribe for Quote Requests that are sent into a market
PrivateQuote	[0..1]	CodeSet	Used to indicate whether a private negotiation is requested or if the response should be public. Only relevant in markets supporting both Private and Public quotes. If field is not provided in message, the model used must be bilaterally agreed.
StandardTrailer	[1..1]	Component	

## 123 RegistrationInstructions

Category: RegistrationInstruction

### 123.1 Message Functionality

The Registration Instructions message type may be used by institutions or retail intermediaries wishing to electronically submit registration information to a broker or fund manager (for CIV) for an order or for an allocation.

### 123.2 Structure

Name	Mult.	Type	Description
StandardHeader	[1..1]	Component	MsgType = o (lowercase O)
RegistID	[1..1]	String	
ClearingBusinessDate	[0..1]	LocalMktDate	
RegistTransType	[1..1]	CodeSet	
RegistRefID	[1..1]	String	Required for Cancel and Replace RegistTransType messages
ClOrdID	[0..1]	String	Unique identifier of the order as assigned by institution or intermediary to which Registration relates
Parties	[0..*]	Group	Insert here the set of "Parties" (firm identification) fields defined in "Common Components of Application Messages"
Account	[0..1]	String	
AcctIDSource	[0..1]	CodeSet	
RegistAcctType	[0..1]	String	
TaxAdvantageType	[0..1]	CodeSet	
OwnershipType	[0..1]	CodeSet	
RgstDtIsGrp	[0..*]	Group	Number of registration details in this message (number of repeating groups to follow)
RgstDistInstGrp	[0..*]	Group	Number of Distribution instructions in this message (number of repeating groups to follow)
StandardTrailer	[1..1]	Component	



## 124 RegistrationInstructionsResponse

Category: RegistrationInstruction

### 124.1 Message Functionality

The Registration Instructions Response message type may be used by broker or fund manager (for CIV) in response to a Registration Instructions message submitted by an institution or retail intermediary for an order or for an allocation.

### 124.2 Structure

Name	Mult.	Type	Description
StandardHeader	[1..1]	Component	MsgType = p (lowercase P)
RegistID	[1..1]	String	Unique identifier of the original Registration Instructions details
RegistTransType	[1..1]	CodeSet	Identifies original Registration Instructions transaction type
RegistRefID	[1..1]	String	Required for Cancel and Replace RegistTransType messages
ClOrdID	[0..1]	String	Unique identifier of the order as assigned by institution or intermediary.
Parties	[0..*]	Group	Insert here the set of "Parties" (firm identification) fields defined in "Common Components of Application Messages"
Account	[0..1]	String	
AcctIDSource	[0..1]	CodeSet	
RegistStatus	[1..1]	CodeSet	
RegistRejReasonCode	[0..1]	CodeSet	
RegistRejReasonText	[0..1]	String	
StandardTrailer	[1..1]	Component	

## 125 Reject

Category: Session

### 125.1 Message Functionality

The reject message should be issued when a message is received but cannot be properly processed due to a session-level rule violation. An example of when a reject may be appropriate would be the receipt of a message with invalid basic data which successfully passes de-encryption, CheckSum and BodyLength checks.

### 125.2 Structure

Name	Mult.	Type	Description
StandardHeader	[1..1]	Component	MsgType = 3
RefSeqNum	[1..1]	SeqNum	MsgSeqNum of rejected message
RefTagID	[0..1]	int	The tag number of the FIX field being referenced.
RefMsgType	[0..1]	CodeSet	The MsgType of the FIX message being referenced.
RefApplVerID	[0..1]	CodeSet	Recommended when rejecting an application message that does not explicitly provide ApplVerID ( 1128) on the message being rejected. In this case the value from the DefaultApplVerID(1137) or the default value specified in the NoMsgTypes repeating group on the logon message should be provided.
RefApplExtID	[0..1]	int	Recommended when rejecting an application message that does not explicitly provide ApplExtID(1156) on the rejected message. In this case the value from the DefaultApplExtID(1407) or the default value specified in the NoMsgTypes repeating group on the logon message should be provided.
RefCstmApplVerID	[0..1]	String	Recommended when rejecting an application message that does not explicitly provide CstmApplVerID(1129) on the message being rejected. In this case the value from the DefaultCstmApplVerID(1408) or the default value specified in the NoMsgTypes repeating group on the logon message should be provided.

<b>Name</b>	<b>Mult.</b>	<b>Type</b>	<b>Description</b>
SessionRejectReason	[0..1]	CodeSet	Code to identify reason for a session-level Reject message.
Text	[0..1]	String	Where possible, message to explain reason for rejection
EncodedTextLen	[0..1]	Length	Must be set if EncodedText field is specified and must immediately precede it.
EncodedText	[0..1]	data	Encoded (non-ASCII characters) representation of the Text field in the encoded format specified via the MessageEncoding field.
StandardTrailer	[1..1]	Component	

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## 126 RequestForPositions

Category: PositionMaintenance

### 126.1 Message Functionality

The Request For Positions message is used by the owner of a position to request a Position Report from the holder of the position, usually the central counter party or clearing organization. The request can be made at several levels of granularity.

### 126.2 Structure

Name	Mult.	Type	Description
StandardHeader	[1..1]	Component	MsgType = AN
PosReqID	[1..1]	String	Unique identifier for the Request for Positions as assigned by the submitter
PosReqType	[1..1]	CodeSet	
MatchStatus	[0..1]	CodeSet	
SubscriptionRequestType	[0..1]	CodeSet	Used to subscribe / unsubscribe for trade capture reports. If the field is absent, the value 0 will be the default
SettlCurrency	[0..1]	Currency	
SettlCurrencyCodeSource	[0..1]	CodeSet	
Parties	[1..*]	Group	Position Account
Account	[0..1]	String	
AcctIDSource	[0..1]	CodeSet	
AccountType	[0..1]	CodeSet	Type of account associated with the order (Origin)
Instrument	[0..1]	Component	
Currency	[0..1]	Currency	
CurrencyCodeSource	[0..1]	CodeSet	
InstrmtLegGrp	[0..*]	Group	Specifies the number of legs that make up the Security
UndInstrmtGrp	[0..*]	Group	Specifies the number of underlying legs that make up the Security
ClearingBusinessDate	[1..1]	LocalMktDate	The Clearing Business Date referred to by this request

<b>Name</b>	<b>Mult.</b>	<b>Type</b>	<b>Description</b>
SettlDate	[0..1]	LocalMktDate	
SettlSessID	[0..1]	CodeSet	
SettlSessSubID	[0..1]	String	
TrdgSesGrp	[0..*]	Group	Specifies the number of repeating TradingSessionIDs
TransactTime	[1..1]	UTCTimestamp	Time this order request was initiated/released by the trader, trading system, or intermediary.
ResponseTransportType	[0..1]	CodeSet	Ability to specify whether the response to the request should be delivered inband or via pre-arranged out-of-band transport.
ResponseDestination	[0..1]	String	URI destination name. Used if ResponseTransportType is out-of-band.
Text	[0..1]	String	
EncodedTextLen	[0..1]	Length	Must be set if EncodedText field is specified and must immediately precede it.
EncodedText	[0..1]	data	Encoded (non-ASCII characters) representation of the Text field in the encoded format specified via the MessageEncoding field.
StandardTrailer	[1..1]	Component	

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## 127 RequestForPositionsAck

Category: PositionMaintenance

### 127.1 Message Functionality

The Request for Positions Ack message is returned by the holder of the position in response to a Request for Positions message. The purpose of the message is to acknowledge that a request has been received and is being processed.

### 127.2 Structure

Name	Mult.	Type	Description
StandardHeader	[1..1]	Component	MsgType = AO
PosMaintRptID	[1..1]	String	Unique identifier for this position report
PosReqID	[0..1]	String	Unique identifier for the Request for Position associated with this report. This field should not be provided if the report was sent unsolicited.
TotalNumPosReports	[0..1]	int	Total number of Position Reports being returned
TotNumReports	[0..1]	int	
UnsolicitedIndicator	[0..1]	CodeSet	Set to 'Y' if message is sent as a result of a subscription request or out of band configuration as opposed to a Position Request.
PosReqResult	[1..1]	CodeSet	
PosReqStatus	[1..1]	CodeSet	
PosReqType	[0..1]	CodeSet	
MatchStatus	[0..1]	CodeSet	
ClearingBusinessDate	[0..1]	LocalMktDate	
SubscriptionRequestType	[0..1]	CodeSet	
SettlSessID	[0..1]	CodeSet	
SettlSessSubID	[0..1]	String	
SettlCurrency	[0..1]	Currency	
SettlCurrencyCodeSource	[0..1]	CodeSet	
Parties	[1..*]	Group	Position Account
Account	[0..1]	String	
AcctIDSource	[0..1]	CodeSet	

<b>Name</b>	<b>Mult.</b>	<b>Type</b>	<b>Description</b>
AccountType	[0..1]	CodeSet	Type of account associated with the order (Origin)
Instrument	[0..1]	Component	
Currency	[0..1]	Currency	
CurrencyCodeSource	[0..1]	CodeSet	
InstrmtLegGrp	[0..*]	Group	Specifies the number of legs that make up the Security
UndInstrmtGrp	[0..*]	Group	Specifies the number of underlying legs that make up the Security
ResponseTransportType	[0..1]	CodeSet	Ability to specify whether the response to the request should be delivered inband or via pre-arranged out-of-band transport.
ResponseDestination	[0..1]	String	URI destination name. Used if ResponseTransportType is out-of-band.
Text	[0..1]	String	
EncodedTextLen	[0..1]	Length	Must be set if EncodedText field is specified and must immediately precede it.
EncodedText	[0..1]	data	Encoded (non-ASCII characters) representation of the Text field in the encoded format specified via the MessageEncoding field.
StandardTrailer	[1..1]	Component	

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## 128 ResendRequest

Category: Session

### 128.1 Message Functionality

The resend request is sent by the receiving application to initiate the retransmission of messages. This function is utilized if a sequence number gap is detected, if the receiving application lost a message, or as a function of the initialization process.

### 128.2 Structure

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Name	Mult.	Type	Description
StandardHeader	[1..1]	Component	MsgType = 2
BeginSeqNo	[1..1]	SeqNum	
EndSeqNo	[1..1]	SeqNum	
StandardTrailer	[1..1]	Component	

---



## 129 SecurityDefinition

Category: SecuritiesReferenceData

### 129.1 Message Functionality

The SecurityDefinition(35=d) message is used for the following:

1. Accept the security defined in a SecurityDefinition(35=d) message.
2. Accept the security defined in a SecurityDefinition(35=d) message with changes to the definition and/or identity of the security.
3. Reject the security requested in a SecurityDefinition(35=d) message.
4. Respond to a request for securities within a specified market segment.
5. Convey comprehensive security definition for all market segments that the security participates in.
6. Convey the security's trading rules that differ from default rules for the market segment.

### 129.2 Structure

Name	Mult.	Type	Description
StandardHeader	[1..1]	Component	MsgType = d (lowercase)
ApplicationSequenceControl	[0..1]	Component	
SecurityReportID	[0..1]	int	Used to identify the SecurityDefinition(35=d) message.
ClearingBusinessDate	[0..1]	LocalMktDate	
SecurityReqID	[0..1]	String	
OrderRequestID	[0..1]	int	
SecurityResponseID	[0..1]	String	Used to identify the response to a SecurityDefinitionRequest(35=c) message.
SecurityResponseType	[0..1]	CodeSet	
SecurityRequestResult	[0..1]	CodeSet	Allow result of query request to be returned to requester
SecurityRejectReason	[0..1]	CodeSet	Used to specify a rejection reason when SecurityResponseType(323)=5 (Reject security proposal).
CorporateAction	[0..1]	CodeSet	
Instrument	[0..1]	Component	

Name	Mult.	Type	Description
InstrumentExtension	[0..1]	Component	
FinancingDetails	[0..1]	Component	
UndInstrmtGrp	[0..*]	Group	
RelatedInstrumentGrp	[0..*]	Group	
SecurityClassificationGrp	[0..*]	Group	Used to specify forms of product classifications
Currency	[0..1]	Currency	Currency in which the price is denominated
CurrencyCodeSource	[0..1]	CodeSet	
PreviousAdjustedOpenInterest	[0..1]	Amt	
PreviousUnadjustedOpenInterest	[0..1]	Amt	
PriorSettlPrice	[0..1]	Price	
Text	[0..1]	String	
EncodedTextLen	[0..1]	Length	Must be set if EncodedText(355) field is specified and must immediately precede it.
EncodedText	[0..1]	data	Encoded (non-ASCII characters) representation of the Text(58) field in the encoded format specified via the MessageEncoding(347) field.
Stipulations	[0..*]	Group	
NumOfSimpleInstruments	[0..1]	int	
NumOfComplexInstruments	[0..1]	int	
InstrmtLegGrp	[0..*]	Group	
SpreadOrBenchmarkCurveData	[0..1]	Component	
YieldData	[0..1]	Component	
MarketSegmentGrp	[0..*]	Group	Contains all the security details related to listing and trading the security
LastUpdateTime	[0..1]	UTCTimestamp	Represents the time at which a security was last updated
EffectiveBusinessDate	[0..1]	LocalMktDate	
TransactTime	[0..1]	UTCTimestamp	
StandardTrailer	[1..1]	Component	

## 130 SecurityDefinitionRequest

Category: SecuritiesReferenceData

### 130.1 Message Functionality

The SecurityDefinitionRequest(35=c) message is used for the following:

1. Request a specific security to be traded with the second party. The requested security can be defined as a multileg security made up of one or more instrument legs.
2. Request a set of individual securities for a single market segment.
3. Request all securities, independent of market segment.

### 130.2 Structure

Name	Mult.	Type	Description
StandardHeader	[1..1]	Component	MsgType = c (lowercase)
SecurityReqID	[1..1]	String	
SecurityRequestType	[1..1]	CodeSet	
MarketID	[0..1]	Exchange	Identifies the market for which the security definition request is being made.
MarketSegmentID	[0..1]	String	Identifies the segment of the market for which the security definition request is being made.
Instrument	[0..1]	Component	
InstrumentExtension	[0..1]	Component	
FinancingDetails	[0..1]	Component	
UndInstrmtGrp	[0..*]	Group	
RelatedInstrumentGrp	[0..*]	Group	
Currency	[0..1]	Currency	
CurrencyCodeSource	[0..1]	CodeSet	
ComplianceID	[0..1]	String	
ComplianceText	[0..1]	String	
EncodedComplianceTextLen	[0..1]	Length	Must be set if EncodedComplianceText(2352) field is specified and must immediately precede it.

<b>Name</b>	<b>Mult.</b>	<b>Type</b>	<b>Description</b>
EncodedComplianceText	[0..1]	data	Encoded (non-ASCII characters) representation of the ComplianceText(2404) field in the encoded format specified via the MessageEncoding(347) field.
Text	[0..1]	String	
EncodedTextLen	[0..1]	Length	Must be set if EncodedText(355) field is specified and must immediately precede it.
EncodedText	[0..1]	data	Encoded (non-ASCII characters) representation of the Text(58) field in the encoded format specified via the MessageEncoding(347) field.
TradingSessionID	[0..1]	CodeSet	Optional trading session identifier to specify a particular trading session for which you want to obtain a list of securities that are tradeable.
TradingSessionSubID	[0..1]	CodeSet	
Stipulations	[0..*]	Group	
InstrmtLegGrp	[0..*]	Group	
SpreadOrBenchmarkCurveData	[0..1]	Component	
YieldData	[0..1]	Component	
ExpirationCycle	[0..1]	CodeSet	
SubscriptionRequestType	[0..1]	CodeSet	Subscribe or unsubscribe for security status to security specified in request.
StandardTrailer	[1..1]	Component	

## 131 SecurityDefinitionUpdateReport

Category: SecuritiesReferenceData

### 131.1 Message Functionality

This message is used for reporting updates to a product security master file. Updates could be the result of corporate actions or other business events. Updates may include additions, modifications or deletions.

### 131.2 Structure

Name	Mult.	Type	Description
StandardHeader	[1..1]	Component	MsgType = BP
ApplicationSequenceControl	[0..1]	Component	
SecurityReportID	[0..1]	int	Used to identify the SecurityDefinitionUpdateReport(35=BP) message in a bulk message transfer. Not used in request/response messaging.
SecurityReqID	[0..1]	String	Conditionally required when responding to the SecurityDefinitionRequest(35=c) message.
SecurityResponseID	[0..1]	String	Used to identify the SecurityDefinitionUpdateReport(35=BP) message.
SecurityResponseType	[0..1]	CodeSet	
ClearingBusinessDate	[0..1]	LocalMktDate	
SecurityUpdateAction	[0..1]	CodeSet	
CorporateAction	[0..1]	CodeSet	
Instrument	[0..1]	Component	
InstrumentExtension	[0..1]	Component	
FinancingDetails	[0..1]	Component	
UndInstrmtGrp	[0..*]	Group	
RelatedInstrumentGrp	[0..*]	Group	
Currency	[0..1]	Currency	
CurrencyCodeSource	[0..1]	CodeSet	
PreviousAdjustedOpenInterest	[0..1]	Amt	
PreviousUnadjustedOpenInterest	[0..1]	Amt	

<b>Name</b>	<b>Mult.</b>	<b>Type</b>	<b>Description</b>
PriorSettlPrice	[0..1]	Price	
Text	[0..1]	String	
EncodedTextLen	[0..1]	Length	Must be set if EncodedText(355) field is specified and must immediately precede it.
EncodedText	[0..1]	data	Encoded (non-ASCII characters) representation of the Text(58) field in the encoded format specified via the MessageEncoding(347) field.
Stipulations	[0..*]	Group	
NumOfSimpleInstruments	[0..1]	int	
NumOfComplexInstruments	[0..1]	int	
InstrmtLegGrp	[0..*]	Group	
SpreadOrBenchmarkCurveData	[0..1]	Component	
YieldData	[0..1]	Component	
MarketSegmentGrp	[0..*]	Group	Contains all the security details related to listing and trading the security
LastUpdateTime	[0..1]	UTCTimestamp	Represents the time at which a security was last updated
EffectiveBusinessDate	[0..1]	LocalMktDate	
TransactTime	[0..1]	UTCTimestamp	
StandardTrailer	[1..1]	Component	

## 132 SecurityList

Category: SecuritiesReferenceData

### 132.1 Message Functionality

The Security List message is used to return a list of securities that matches the criteria specified in a Security List Request.

### 132.2 Structure

Name	Mult.	Type	Description
StandardHeader	[1..1]	Component	MsgType = y (lowercase Y)
ApplicationSequenceControl	[0..1]	Component	
SecurityReportID	[0..1]	int	
ClearingBusinessDate	[0..1]	LocalMktDate	
SecurityListID	[0..1]	String	Identifies a specific Security List Entry
SecurityListRefID	[0..1]	String	Provides a reference to another Security List
SecurityListDesc	[0..1]	String	
EncodedSecurityListDescLen	[0..1]	Length	
EncodedSecurityListDesc	[0..1]	data	
SecurityListType	[0..1]	CodeSet	Identifies a list type
SecurityListTypeSource	[0..1]	CodeSet	Identifies the source of a list type
SecurityReqID	[0..1]	String	
SecurityResponseID	[0..1]	String	Identifier for the Security List message
SecurityRequestResult	[0..1]	CodeSet	Result of the Security Request identified by the SecurityReqID
SecurityRejectReason	[0..1]	CodeSet	Used to specify a rejection reason when SecurityResponseType (323) is equal to 1 (Invalid or unsupported request) or 5 (Request for instrument data not supported).
TransactTime	[0..1]	UTCTimestamp	
TotNoRelatedSym	[0..1]	int	Used to indicate the total number of securities being returned for this request. Used in the event that message fragmentation is required.
MarketID	[0..1]	Exchange	Identifies the market which lists and trades the instrument.

---

<b>Name</b>	<b>Mult.</b>	<b>Type</b>	<b>Description</b>
MarketSegmentID	[0..1]	String	Identifies the segment of the market to which the specify trading rules and listing rules apply. The segment may indicate the venue, whether retail or wholesale, or even segregation by nationality.
LastFragment	[0..1]	CodeSet	Indicates whether this is the last fragment in a sequence of message fragments. Only required where message has been fragmented.
SecListGrp	[0..*]	Group	Specifies the number of repeating symbols (instruments) specified
StandardTrailer	[1..1]	Component	

---



## 133 SecurityListRequest

Category: SecuritiesReferenceData

### 133.1 Message Functionality

The Security List Request message is used to return a list of securities from the counterparty that match criteria provided on the request

### 133.2 Structure

Name	Mult.	Type	Description
StandardHeader	[1..1]	Component	MsgType = x (lowercase X)
SecurityReqID	[1..1]	String	
SecurityListRequestType	[1..1]	CodeSet	Type of Security List Request being made
SecurityListID	[0..1]	String	Identifies a specific list
SecurityListType	[0..1]	CodeSet	Identifies a list type
SecurityListTypeSource	[0..1]	CodeSet	Identifies the source a list type
MarketID	[0..1]	Exchange	Identifies the market which lists and trades the instrument.
MarketSegmentID	[0..1]	String	Identifies the segment of the market to which the specify trading rules and listing rules apply. The segment may indicate the venue, whether retail or wholesale, or even segregation by nationality.
Instrument	[0..1]	Component	Insert here the set of "Instrument" (symbology) fields defined in "Common Components of Application Messages". of the requested Security
InstrumentExtension	[0..1]	Component	Insert here the set of "InstrumentExtension" fields defined in "Common Components of Application Messages"
FinancingDetails	[0..1]	Component	Insert here the set of "FinancingDetails" fields defined in "Common Components of Application Messages"
UndInstrmtGrp	[0..*]	Group	Number of underlyings
InstrmtLegGrp	[0..*]	Group	Number of legs that make up the Security
RelatedInstrumentGrp	[0..*]	Group	
Currency	[0..1]	Currency	

<b>Name</b>	<b>Mult.</b>	<b>Type</b>	<b>Description</b>
CurrencyCodeSource	[0..1]	CodeSet	
Text	[0..1]	String	Comment, instructions, or other identifying information.
EncodedTextLen	[0..1]	Length	Must be set if EncodedText field is specified and must immediately precede it.
EncodedText	[0..1]	data	Encoded (non-ASCII characters) representation of the Text field in the encoded format specified via the MessageEncoding field.
TradingSessionID	[0..1]	CodeSet	Optional Trading Session Identifier to specify a particular trading session for which you want to obtain a list of securities that are tradeable.
TradingSessionSubID	[0..1]	CodeSet	
SubscriptionRequestType	[0..1]	CodeSet	Subscribe or unsubscribe for security status to security specified in request.
StandardTrailer	[1..1]	Component	

---

## 134 SecurityListUpdateReport

Category: SecuritiesReferenceData

### 134.1 Message Functionality

The Security List Update Report is used for reporting updates to a Contract Security Masterfile. Updates could be due to Corporate Actions or other business events. Update may include additions, modifications and deletions.

### 134.2 Structure

Name	Mult.	Type	Description
StandardHeader	[1..1]	Component	MsgType = BK
ApplicationSequenceControl	[0..1]	Component	
SecurityReportID	[0..1]	int	Identifier for the Security List Update message in a bulk transfer environment (No Request/Response)
SecurityListID	[0..1]	String	Identifies a specific Security List entity
SecurityListRefID	[0..1]	String	Provides a reference to another Security List
SecurityListDesc	[0..1]	String	
EncodedSecurityListDescLen	[0..1]	Length	
EncodedSecurityListDesc	[0..1]	data	
SecurityListType	[0..1]	CodeSet	Identifies a list type
SecurityListTypeSource	[0..1]	CodeSet	Identifies the source as a list type
SecurityReqID	[0..1]	String	
SecurityResponseID	[0..1]	String	Identifier for the Security List message.
SecurityRequestResult	[0..1]	CodeSet	Result of the Security Request identified by the SecurityReqID.
TotNoRelatedSym	[0..1]	int	Used to indicate the total number of securities being returned for this request. Used in the event that message fragmentation is required.
ClearingBusinessDate	[0..1]	LocalMktDate	
SecurityUpdateAction	[0..1]	CodeSet	
CorporateAction	[0..1]	CodeSet	Identifies the type of Corporate Action that triggered the update

<b>Name</b>	<b>Mult.</b>	<b>Type</b>	<b>Description</b>
MarketID	[0..1]	Exchange	Identifies the market which lists and trades the instrument.
MarketSegmentID	[0..1]	String	Identifies the segment of the market to which the specific trading rules and listing rules apply. The segment may indicate the venue, whether retail or wholesale, or even segregation by nationality.
TransactTime	[0..1]	UTCTimestamp	
LastFragment	[0..1]	CodeSet	Indicates whether this is the last fragment in a sequence of message fragments. Only required where message has been fragmented.
SecLstUpdRelSymGrp	[0..*]	Group	Specifies the number of repeating symbols (instruments) specified
StandardTrailer	[1..1]	Component	

---

## 135 SecurityMassStatus

Category: SecuritiesReferenceData

### 135.1 Message Functionality

### 135.2 Structure

Name	Mult.	Type	Description
StandardHeader	[1..1]	Component	MsgType = CO
ApplicationSequenceControl	[0..1]	Component	
SecurityStatusReqID	[0..1]	String	Required when mass status is in response to a SecurityMassStatusRequest(35=CN) message.
SecurityListID	[0..1]	String	Identifies all securities for a security list identifier.
MarketID	[0..1]	Exchange	Identifies all securities for a market.
MarketSegmentID	[0..1]	String	Identifies all securities for a market segment.
TradeDate	[0..1]	LocalMktDate	Business day that the state change applies to.
TradingSessionID	[0..1]	CodeSet	Identifies all securities for a trading session.
TradingSessionSubID	[0..1]	CodeSet	Identifies all securities for a trading sub-session.
InstrumentScope	[0..1]	Component	
UnsolicitedIndicator	[0..1]	CodeSet	Set to "Y" if message is sent as a result of a subscription request not a snapshot request.
SecurityMassTradingStatus	[0..1]	CodeSet	
FastMarketIndicator	[0..1]	Boolean	
SecurityMassTradingEvent	[0..1]	CodeSet	
MassHaltReason	[0..1]	CodeSet	
MDBookType	[0..1]	CodeSet	Used to relay changes in the book type.
MarketDepth	[0..1]	int	Used to relay changes in Market Depth.
TransactTime	[0..1]	UTCTimestamp	Time of state change for security list.
Adjustment	[0..1]	CodeSet	
SecMassStatGrp	[0..*]	Group	
StandardTrailer	[1..1]	Component	

## 136 SecurityMassStatusRequest

Category: SecuritiesReferenceData

### 136.1 Message Functionality

### 136.2 Structure

Name	Mult.	Type	Description
StandardHeader	[1..1]	Component	MsgType = CN
SecurityStatusReqID	[1..1]	String	Must be unique, or the ID of previous Security Mass Status Request to disable if SubscriptionRequestType = Disable previous Snapshot + Updates Request (2).
InstrumentScope	[0..1]	Component	
SubscriptionRequestType	[1..1]	CodeSet	SubscriptionRequestType indicates to the other party what type of response is expected. A snapshot request only asks for current information. A subscribe request asks for updates as the status changes. Unsubscribe will cancel any future update messages from the counter party.
SecurityListID	[0..1]	String	
MarketID	[0..1]	Exchange	
MarketSegmentID	[0..1]	String	
TradingSessionID	[0..1]	CodeSet	
TradingSessionSubID	[0..1]	CodeSet	
StandardTrailer	[1..1]	Component	

## 137 SecurityStatus

Category: SecuritiesReferenceData

### 137.1 Message Functionality

The Security Status message provides for the ability to report changes in status to a security. The Security Status message contains fields to indicate trading status, corporate actions, financial status of the company. The Security Status message is used by one trading entity (for instance an exchange) to report changes in the state of a security.

### 137.2 Structure

Name	Mult.	Type	Description
StandardHeader	[1..1]	Component	MsgType = f (lowercase)
ApplicationSequenceControl	[0..1]	Component	
SecurityStatusReqID	[0..1]	String	
Instrument	[1..1]	Component	
InstrumentExtension	[0..1]	Component	
FinancingDetails	[0..1]	Component	
UndInstrmtGrp	[0..*]	Group	
InstrmtLegGrp	[0..*]	Group	
RelatedInstrumentGrp	[0..*]	Group	
Currency	[0..1]	Currency	
CurrencyCodeSource	[0..1]	CodeSet	
MarketID	[0..1]	Exchange	
MarketSegmentID	[0..1]	String	
TradeDate	[0..1]	LocalMktDate	Business day that the state change applies to.
TradingSessionID	[0..1]	CodeSet	
TradingSessionSubID	[0..1]	CodeSet	
UnsolicitedIndicator	[0..1]	CodeSet	Set to 'Y' if message is sent as a result of a subscription request not a snapshot request
SecurityTradingStatus	[0..1]	CodeSet	
MarketMakerActivity	[0..1]	CodeSet	
FastMarketIndicator	[0..1]	Boolean	

Name	Mult.	Type	Description
SecurityTradingEvent	[0..1]	CodeSet	
NextAuctionTime	[0..1]	UTCTimestamp	
FinancialStatus	[0..1]	CodeSet	
CorporateAction	[0..1]	CodeSet	
HaltReason	[0..1]	CodeSet	
InViewOfCommon	[0..1]	CodeSet	
DueToRelated	[0..1]	CodeSet	
MDBookType	[0..1]	CodeSet	Used to relay changes in the book type
MarketDepth	[0..1]	int	Used to relay changes in market depth.
BuyVolume	[0..1]	Qty	
SellVolume	[0..1]	Qty	
HighPx	[0..1]	Price	
LowPx	[0..1]	Price	
LastPx	[0..1]	Price	Represents the last price for that security either on a consolidated or an individual participant basis at the time it is disseminated.
ClearingPriceParametersGrp	[0..*]	Group	
SettlPrice	[0..1]	Price	
SettlPriceType	[0..1]	CodeSet	
SettlPriceDeterminationMethod	[0..1]	CodeSet	
TransactTime	[0..1]	UTCTimestamp	Time of status information.
Adjustment	[0..1]	CodeSet	
FirstPx	[0..1]	Price	Represents the price of the first fill of the trading session.
LinkageHandlingIndicator	[0..1]	Boolean	
Text	[0..1]	String	
EncodedTextLen	[0..1]	Length	Must be set if EncodedText(355) field is specified and must immediately precede it.
EncodedText	[0..1]	data	Encoded (non-ASCII characters) representation of the Text(58) field in the encoded format specified via the MessageEncoding(347) field.
StandardTrailer	[1..1]	Component	



## 138 SecurityStatusRequest

Category: SecuritiesReferenceData

### 138.1 Message Functionality

The Security Status Request message provides for the ability to request the status of a security. One or more Security Status messages are returned as a result of a Security Status Request message.

### 138.2 Structure

Name	Mult.	Type	Description
StandardHeader	[1..1]	Component	MsgType = e (lowercase)
SecurityStatusReqID	[1..1]	String	Must be unique, or the ID of previous Security Status Request to disable if SubscriptionRequestType = Disable previous Snapshot + Updates Request (2).
Instrument	[1..1]	Component	Insert here the set of "Instrument" (symbology) fields defined in "Common Components of Application Messages"
InstrumentExtension	[0..1]	Component	Insert here the set of "InstrumentExtension" fields defined in "Common Components of Application Messages"
FinancingDetails	[0..1]	Component	
UndInstrmtGrp	[0..*]	Group	Number of underlyings
InstrmtLegGrp	[0..*]	Group	Number of legs that make up the Security
RelatedInstrumentGrp	[0..*]	Group	
Currency	[0..1]	Currency	
CurrencyCodeSource	[0..1]	CodeSet	
SubscriptionRequestType	[1..1]	CodeSet	SubscriptionRequestType indicates to the other party what type of response is expected. A snapshot request only asks for current information. A subscribe request asks for updates as the status changes. Unsubscribe will cancel any future update messages from the counter party.
MarketID	[0..1]	Exchange	
MarketSegmentID	[0..1]	String	
TradingSessionID	[0..1]	CodeSet	

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<b>Name</b>	<b>Mult.</b>	<b>Type</b>	<b>Description</b>
TradingSessionSubID	[0..1]	CodeSet	
StandardTrailer	[1..1]	Component	

---

## 139 SecurityTypeRequest

Category: SecuritiesReferenceData

### 139.1 Message Functionality

The Security Type Request message is used to return a list of security types available from a counterparty or market.

### 139.2 Structure

Name	Mult.	Type	Description
StandardHeader	[1..1]	Component	MsgType = v (lowercase V)
SecurityReqID	[1..1]	String	
Text	[0..1]	String	Comment, instructions, or other identifying information.
EncodedTextLen	[0..1]	Length	Must be set if EncodedText field is specified and must immediately precede it.
EncodedText	[0..1]	data	Encoded (non-ASCII characters) representation of the Text field in the encoded format specified via the MessageEncoding field.
MarketID	[0..1]	Exchange	Optional MarketID to specify a particular trading session for which you want to obtain a list of securities that are tradeable.
MarketSegmentID	[0..1]	String	Optional Market Segment Identifier to specify a particular trading session for which you want to obtain a list of securities that are tradeable.
TradingSessionID	[0..1]	CodeSet	Optional Trading Session Identifier to specify a particular trading session for which you want to obtain a list of securities that are tradeable.
TradingSessionSubID	[0..1]	CodeSet	
Product	[0..1]	CodeSet	Used to qualify which security types are returned
SecurityType	[0..1]	CodeSet	Used to qualify which security type is returned
SecuritySubType	[0..1]	String	Used to qualify which security types are returned
StandardTrailer	[1..1]	Component	

## 140 SecurityTypes

Category: SecuritiesReferenceData

### 140.1 Message Functionality

The Security Type Request message is used to return a list of security types available from a counterparty or market.

### 140.2 Structure

Name	Mult.	Type	Description
StandardHeader	[1..1]	Component	MsgType = w (lowercase W)
ApplicationSequenceControl	[0..1]	Component	
SecurityReqID	[1..1]	String	
SecurityResponseID	[1..1]	String	Identifier for the security response message
SecurityResponseType	[1..1]	CodeSet	The result of the security request identified by SecurityReqID
TotNoSecurityTypes	[0..1]	int	Indicates total number of security types in the event that multiple Security Type messages are used to return results
LastFragment	[0..1]	CodeSet	Indicates whether this is the last fragment in a sequence of message fragments. Only required where message has been fragmented.
SecTypesGrp	[0..*]	Group	
Text	[0..1]	String	Comment, instructions, or other identifying information.
EncodedTextLen	[0..1]	Length	Must be set if EncodedText field is specified and must immediately precede it.
EncodedText	[0..1]	data	Encoded (non-ASCII characters) representation of the Text field in the encoded format specified via the MessageEncoding field.
MarketID	[0..1]	Exchange	Optional MarketID to specify a particular trading session for which you want to obtain a list of securities that are tradeable.
MarketSegmentID	[0..1]	String	Optional Market Segment Identifier to specify a particular trading session for which you want to obtain a list of securities that are tradeable.

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<b>Name</b>	<b>Mult.</b>	<b>Type</b>	<b>Description</b>
TradingSessionID	[0..1]	CodeSet	Optional Trading Session Identifier to specify a particular trading session for which you want to obtain a list of securities that are tradeable.
TradingSessionSubID	[0..1]	CodeSet	
SubscriptionRequestType	[0..1]	CodeSet	Subscribe or unsubscribe for security status to security specified in request.
StandardTrailer	[1..1]	Component	

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## 141 SequenceReset

Category: Session

### 141.1 Message Functionality

The sequence reset message is used by the sending application to reset the incoming sequence number on the opposing side.

### 141.2 Structure

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Name	Mult.	Type	Description
StandardHeader	[1..1]	Component	MsgType = 4
GapFillFlag	[0..1]	CodeSet	
NewSeqNo	[1..1]	SeqNum	
StandardTrailer	[1..1]	Component	

---

## 142 SettlementInstructionRequest

Category: SettlementInstruction

### 142.1 Message Functionality

The Settlement Instruction Request message is used to request standing settlement instructions from another party.

### 142.2 Structure

Name	Mult.	Type	Description
StandardHeader	[1..1]	Component	MsgType = AV
SettlInstReqID	[1..1]	String	Unique message ID
TransactTime	[1..1]	UTCTimestamp	Date/Time this request message was generated
Parties	[0..*]	Group	Insert here the set of "Parties" (firm identification) fields defined in "Common Components of Application Messages". Used here for party whose instructions this message is requesting and (optionally) for settlement location. Not required if database identifiers are being used to request settlement instructions. Required otherwise.
AllocAccount	[0..1]	String	Should not be populated if StandInstDbType is populated
AllocAcctIDSource	[0..1]	CodeSet	Required if AllocAccount populated. Should not be populated if StandInstDbType is populated
Side	[0..1]	CodeSet	Should not be populated if StandInstDbType is populated
Product	[0..1]	CodeSet	Should not be populated if StandInstDbType is populated
SecurityType	[0..1]	CodeSet	Should not be populated if StandInstDbType is populated
CFICode	[0..1]	String	Should not be populated if StandInstDbType is populated
UPICode	[0..1]	String	Should not be populated if StandInstDbType is populated
SettlCurrency	[0..1]	Currency	Should not be populated if StandInstDbType is populated

<b>Name</b>	<b>Mult.</b>	<b>Type</b>	<b>Description</b>
SettlCurrencyCodeSource	[0..1]	CodeSet	
EffectiveTime	[0..1]	UTCTimestamp	Should not be populated if StandInstDbType is populated
ExpireTime	[0..1]	UTCTimestamp	Should not be populated if StandInstDbType is populated
LastUpdateTime	[0..1]	UTCTimestamp	Should not be populated if StandInstDbType is populated
StandInstDbType	[0..1]	CodeSet	Should not be populated if any of AllocAccount through to LastUpdateTime are populated
StandInstDbName	[0..1]	String	Should not be populated if any of AllocAccount through to LastUpdateTime are populated
StandInstDbID	[0..1]	String	The identifier of the standing instructions within the database specified in StandInstDbType. Required if StandInstDbType populated. Should not be populated if any of AllocAccount through to LastUpdateTime are populated
StandardTrailer	[1..1]	Component	

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## 143 SettlementInstructions

Category: SettlementInstruction

### 143.1 Message Functionality

The Settlement Instructions message provides the broker's, the institution's, or the intermediary's instructions for trade settlement. This message has been designed so that it can be sent from the broker to the institution, from the institution to the broker, or from either to an independent "standing instructions" database or matching system or, for CIV, from an intermediary to a fund manager.

### 143.2 Structure

Name	Mult.	Type	Description
StandardHeader	[1..1]	Component	MsgType = T
SettlInstMsgID	[1..1]	String	Unique identifier for this message
SettlInstReqID	[0..1]	String	Only used when this message is used to respond to a settlement instruction request (to which this ID refers)
SettlInstMode	[1..1]	CodeSet	1=Standing Instructions, 2=Specific Allocation Account Overriding, 3=Specific Allocation Account Standing, 4=Specific Order, 5=Reject SSI request
SettlInstReqRejCode	[0..1]	CodeSet	Required for SettlInstMode = 5. Used to provide reason for rejecting a Settlement Instruction Request message.
Text	[0..1]	String	Can be used to provide any additional rejection text where rejecting a Settlement Instruction Request message.
EncodedTextLen	[0..1]	Length	
EncodedText	[0..1]	data	
ClOrdID	[0..1]	String	Required for SettlInstMode(160) = 4 and when referring to orders that were electronically submitted over FIX or otherwise assigned a ClOrdID.
TransactTime	[1..1]	UTCTimestamp	Date/time this message was generated
SettlInstGrp	[0..*]	Group	Required except where SettlInstMode is 5=Reject SSI request
StandardTrailer	[1..1]	Component	

## 144 SettlementObligationReport

Category: SettlementInstruction

### 144.1 Message Functionality

The Settlement Obligation Report message provides a central counterparty, institution, or individual counterparty with a capacity for reporting the final details of a currency settlement obligation.

### 144.2 Structure

Name	Mult.	Type	Description
StandardHeader	[1..1]	Component	MsgType = BQ
ApplicationSequenceControl	[0..1]	Component	
ClearingBusinessDate	[0..1]	LocalMktDate	
SettlementCycleNo	[0..1]	int	Settlement cycle in which the settlement obligation was generated
SettlObligMsgID	[1..1]	String	Unique identifier for this message
SettlObligMode	[1..1]	CodeSet	Used to identify the reporting mode of the settlement obligation which is either preliminary or final
Text	[0..1]	String	Can be used to provide any additional rejection text where rejecting a Settlement Instruction Request message.
EncodedTextLen	[0..1]	Length	
EncodedText	[0..1]	data	
TransactTime	[0..1]	UTCTimestamp	Time when the Settlement Obligation Report was created.
SettlementInstructions	[1..*]	Group	
StandardTrailer	[1..1]	Component	

## 145 SettlementStatusReport

Category: SettlementStatusManagement

### 145.1 Message Functionality

SettlementStatusReport(35=EE) is a response to the SettlementStatusRequest(35=EC) to provide settlement status for the requested trade. It may also be sent unsolicited without an explicit request message by the party able to provide the settlement status for the trade identified in the report message.

### 145.2 Structure

Name	Mult.	Type	Description
StandardHeader	[1..1]	Component	MsgType(35)=EE
SettlStatusReportID	[1..1]	String	Unique identifier assigned by sender of this message.
SettlStatusRequestID	[0..1]	String	Identifier of SettlementStatusRequest(35=EC) message being responded to.
SettlStatus	[1..1]	String	
SettlStatusReason	[0..1]	String	May be used when additional settlement status reason is available.
SettlStatusReasonText	[0..1]	String	May be used to provide additional textual status reason accompanying SettlStatusReason(2969).
EncodedSettlStatusReasonTextLen	[0..1]	Length	Must be set if EncodedSettlStatusReasonText(2972) is specified and must immediately precede it.
EncodedSettlStatusReasonText	[0..1]	data	Encoded (non-ASCII characters) representation of SettlStatusReasonText(2970) field in the encoded format specified via the MessageEncoding(347) field.
Parties	[0..*]	Group	
RegulatoryTradeIDGrp	[0..*]	Group	May be used to specify the UTI (ISO 23897) of the trade this status report is for. Either RegulatoryTradeIDGrp or SettleTradeDetails must be present.
SettlTradeDetails	[0..1]	Component	May be used to provide trade details this status report is for. Either RegulatoryTradeIDGrp or SettlTradeDetails must be present.

<b>Name</b>	<b>Mult.</b>	<b>Type</b>	<b>Description</b>
TransactTime	[1..1]	UTCTimestamp	
Text	[0..1]	String	
EncodedTextLen	[0..1]	Length	Must be set if EncodedText(355) field is specified and must immediately precede it.
EncodedText	[0..1]	data	Encoded (non-ASCII characters) representation of the Text(58) field in the encoded format specified via the MessageEncoding(347) field.
StandardTrailer	[1..1]	Component	

---

## 146 SettlementStatusReportAck

Category: SettlementStatusManagement

### 146.1 Message Functionality

SettlementStatusReportAck(35=EF) is used to respond to the SettlementStatusReport(35=EE) to acknowledge or reject the report.

### 146.2 Structure

---

Name	Mult.	Type	Description
StandardHeader	[1..1]	Component	MsgType(35)=EF
SettlStatusReportID	[1..1]	String	Identifier of SettlementStatusReport(35=EE) message being responded to.
SettlStatusReportStatus	[1..1]	CodeSet	
RejectText	[0..1]	String	
EncodedRejectTextLen	[0..1]	Length	Must be set if EncodedRejectText(1665) field is specified and must immediately precede it.
EncodedRejectText	[0..1]	data	Encoded (non-ASCII characters) representation of the RejectText(1328) field in the encoded format specified via the MessageEncoding(347) field.
StandardTrailer	[0..1]	Component	

---

## 147 SettlementStatusRequest

Category: SettlementStatusManagement

### 147.1 Message Functionality

SettlementStatusRequest(35=EC) is used to request for the settlement status of a trade.

### 147.2 Structure

Name	Mult.	Type	Description
StandardHeader	[1..1]	Component	MsgType(35)=EC
SettlStatusRequestID	[1..1]	String	Unique identifier assigned by sender of this message.
SubscriptionRequestType	[1..1]	CodeSet	
Parties	[0..*]	Group	
RegulatoryTradeIDGrp	[0..*]	Group	May be used to specify the UTI (ISO 23897) of the trade this status request is for. Either RegulatoryTradeIDGrp or SettlTradeDetails must be present.
SettlTradeDetails	[0..1]	Component	May be used to provide trade details to look-up the trade this status request is for. Either RegulatoryTradeIDGrp or SettlTradeDetails must be present.
TransactTime	[1..1]	UTCTimestamp	
Text	[0..1]	String	
EncodedTextLen	[0..1]	Length	Must be set if EncodedText(355) field is specified and must immediately precede it.
EncodedText	[0..1]	data	Encoded (non-ASCII characters) representation of the Text(58) field in the encoded format specified via the MessageEncoding(347) field.
StandardTrailer	[1..1]	Component	

## 148 SettlementStatusRequestAck

Category: SettlementStatusManagement

### 148.1 Message Functionality

SettlementStatusRequestAck(35=ED) is used to respond to the SettlementStatusRequest(35=EC) to acknowledge the request and provide status for the request message.

### 148.2 Structure

---

Name	Mult.	Type	Description
StandardHeader	[1..1]	Component	MsgType(35)=ED
SettlStatusRequestID	[1..1]	String	Identifier of SettlementStatusRequest(35=EC) message being responded to.
SettlStatusRequestStatus	[1..1]	CodeSet	
RejectText	[0..1]	String	
EncodedRejectTextLen	[0..1]	Length	Must be set if EncodedRejectText(1665) field is specified and must immediately precede it.
EncodedRejectText	[0..1]	data	Encoded (non-ASCII characters) representation of the RejectText(1328) field in the encoded format specified via the MessageEncoding(347) field.
StandardTrailer	[1..1]	Component	

---

## 149 StreamAssignmentReport

Category: MarketData

### 149.1 Message Functionality

The StreamAssignmentReport message is in response to the StreamAssignmentRequest message. It provides information back to the aggregator as to which clients to assign to receive which price stream based on requested CCY pair. This message can be sent unsolicited to the Aggregator from the Price Maker.

### 149.2 Structure

Name	Mult.	Type	Description
StandardHeader	[1..1]	Component	MsgType = CD
StreamAsgnRptID	[1..1]	String	Unique identifier of the Stream Assignment Report.
StreamAsgnReqType	[0..1]	CodeSet	Required if report is being sent in response to a StreamAssignmentRequest. The value should be the same as the value in the corresponding request.
StreamAsgnReqID	[0..1]	String	Conditionally required if Stream Assignment Report is being sent in response to a StreamAssignmentRequest(MsgType=CC). Not required for unsolicited stream assignments.
StrmAsgnRptGrp	[0..*]	Group	Stream assignments
StandardTrailer	[1..1]	Component	

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## 150 StreamAssignmentReportACK

Category: MarketData

### 150.1 Message Functionality

This message is used to respond to the Stream Assignment Report, to either accept or reject an unsolicited assignment.

### 150.2 Structure

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Name	Mult.	Type	Description
StandardHeader	[1..1]	Component	MsgType = CE
StreamAsgnAckType	[1..1]	CodeSet	
StreamAsgnRptID	[1..1]	String	
StreamAsgnRejReason	[0..1]	CodeSet	
Text	[0..1]	String	Can be used to provide additional information regarding the assignment report, such as reject description.
EncodedTextLen	[0..1]	Length	
EncodedText	[0..1]	data	
StandardTrailer	[1..1]	Component	

---

## 151 StreamAssignmentRequest

Category: MarketData

### 151.1 Message Functionality

In certain markets where market data aggregators fan out to end clients the pricing streams provided by the price makers, the price maker may assign the clients to certain pricing streams that the price maker publishes via the aggregator. An example of this use is in the FX markets where clients may be assigned to different pricing streams based on volume bands and currency pairs.

### 151.2 Structure

---

Name	Mult.	Type	Description
StandardHeader	[1..1]	Component	MsgType = CC
StreamAsgnReqID	[1..1]	String	Unique identifier of the request.
StreamAsgnReqType	[1..1]	CodeSet	Type of assignment being requested.
StrmAsgnReqGrp	[1..*]	Group	Assignment requests
StandardTrailer	[1..1]	Component	

---

## 152 TestRequest

Category: Session

### 152.1 Message Functionality

The test request message forces a heartbeat from the opposing application. The test request message checks sequence numbers or verifies communication line status. The opposite application responds to the Test Request with a Heartbeat containing the TestReqID.

### 152.2 Structure

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Name	Mult.	Type	Description
StandardHeader	[1..1]	Component	MsgType = 1
TestReqID	[1..1]	String	
StandardTrailer	[1..1]	Component	

---

## 153 TradeAggregationReport

Category: TradeManagement

### 153.1 Message Functionality

TradeAggregationReport(35=DX) is used to respond to the TradeAggregationRequest(35=DW) message. It provides the status of the request (e.g. accepted or rejected) and may also provide additional information supplied by the respondent.

### 153.2 Structure

Name	Mult.	Type	Description
StandardHeader	[1..1]	Component	MsgType=DX
TradeAggregationReportID	[1..1]	String	Unique identifier for the report message.
TradeAggregationRequestID	[0..1]	String	Unique identifier for the TradeAggregationRequest(35=DW) message being responded to.
TradeAggregationRequestStatus	[1..1]	CodeSet	
TradeID	[0..1]	String	Conditionally required when TradeAggregationRequestStatus(2790)=0 (Accepted). The trade identifier for the group of aggregated trades.
TradeAggregationRejectReason	[0..1]	CodeSet	
AggregatedQty	[0..1]	Qty	Conditionally required when TradeAggregationRequestStatus(2790)=0 (Accepted).
AvgPx	[0..1]	Price	
AvgSpotRate	[0..1]	Price	
AvgForwardPoints	[0..1]	PriceOffset	
SettlDate	[0..1]	LocalMktDate	
Instrument	[0..1]	Component	Conditionally required when TradeAggregationRequestStatus(2790)=0 (Accepted).
Side	[0..1]	CodeSet	Conditionally required when TradeAggregationRequestStatus(2790)=0 (Accepted).
RejectText	[0..1]	String	

<b>Name</b>	<b>Mult.</b>	<b>Type</b>	<b>Description</b>
EncodedRejectTextLen	[0..1]	Length	Must be set if EncodedRejectText(1665) field is specified and must immediately precede it.
EncodedRejectText	[0..1]	data	Encoded (non-ASCII characters) representation of the RejectText(1328) field in the encoded format specified via the MessageEncoding(347) field.
StandardTrailer	[1..1]	Component	

---

## 154 TradeAggregationRequest

Category: TradeManagement

### 154.1 Message Functionality

TradeAggregationRequest(35=DW) is used to request that the identified trades between the initiator and respondent be aggregated together for further processing.

### 154.2 Structure

Name	Mult.	Type	Description
StandardHeader	[1..1]	Component	MsgType=DW
TradeAggregationRequestID	[1..1]	String	Unique identifier for the message.
TradeAggregationRequestRefID	[0..1]	String	Required when TradeAggregationTransType(2788)=1 (Cancel) or 2 (Replace)
TradeAggregationTransType	[1..1]	CodeSet	
AggregatedQty	[0..1]	Qty	
Currency	[0..1]	Currency	
CurrencyCodeSource	[0..1]	CodeSet	
AvgPx	[0..1]	Price	
Side	[1..1]	CodeSet	
PricePrecision	[0..1]	int	
OrderAggregationGrp	[0..*]	Group	Maybe used to specify the IDs of the orders being aggregated together.
ExecutionAggregationGrp	[0..*]	Group	Maybe used to specify the IDs of the execution fills being aggregated together.
Account	[0..1]	String	
Instrument	[1..1]	Component	
Parties	[0..*]	Group	
StandardTrailer	[1..1]	Component	

## 155 TradeCaptureReport

Category: TradeCapture

### 155.1 Message Functionality

The Trade Capture Report message can be:

- Used to report trades between counterparties.
- Used to report trades to a trade matching system.
- Sent unsolicited between counterparties.
- Sent as a reply to a Trade Capture Report Request.
- Used to report unmatched and matched trades.

### 155.2 Structure

Name	Mult.	Type	Description
StandardHeader	[1..1]	Component	MsgType = AE
ApplicationSequenceControl	[0..1]	Component	
TradeReportID	[0..1]	String	TradeReportID(571) is conditionally required in a message-chaining model in which a subsequent message may refer to a prior message via TradeReportRefID(572). The alternative to a message-chain model is an entity-based model in which TradeID(1003) is used to identify a trade. In this case, TradeID(1003) is required and TradeReportID(571) can be optionally specified.
TradeID	[0..1]	String	
SecondaryTradeID	[0..1]	String	
FirmTradeID	[0..1]	String	
SecondaryFirmTradeID	[0..1]	String	
PackageID	[0..1]	String	
TradeNumber	[0..1]	int	
TradeReportTransType	[0..1]	CodeSet	
TradeReportType	[0..1]	CodeSet	

Name	Mult.	Type	Description
TrdRptStatus	[0..1]	CodeSet	Status of the trade report. In 3-party listed derivatives model, this is used to convey status of a trade to a counterparty. Used specifically in a "give-up" (also known as "claim") model.
TradeRequestID	[0..1]	String	Identifier for the trade capture report request associated with this trade capture report.
TrdType	[0..1]	CodeSet	
TrdSubType	[0..1]	CodeSet	
SecondaryTrdType	[0..1]	CodeSet	Conditionally requires presence of TrdType(828).
TertiaryTrdType	[0..1]	CodeSet	Conditionally requires presence of SecondaryTrdType(855).
AnonymousTradeIndicator	[0..1]	Boolean	
AlgorithmicTradeIndicator	[0..1]	CodeSet	
OffsetInstruction	[0..1]	CodeSet	
TradePriceConditionGrp	[0..*]	Group	
TradeHandlingInstr	[0..1]	CodeSet	
OrigTradeHandlingInstr	[0..1]	CodeSet	
OrigTradeDate	[0..1]	LocalMktDate	
OrigTradeID	[0..1]	String	
OrigSecondaryTradeID	[0..1]	String	
TransferReason	[0..1]	String	
ExecType	[0..1]	CodeSet	Type of execution being reported. Uses subset of ExecType(150) for trade capture reports.
TotNumTradeReports	[0..1]	int	
LastRptRequested	[0..1]	CodeSet	
ManualOrderIndicator	[0..1]	Boolean	May be used to indicate manual reporting of the trade.
UnsolicitedIndicator	[0..1]	CodeSet	Set to 'Y' if message is sent as a result of a subscription request or out of band configuration.
SubscriptionRequestType	[0..1]	CodeSet	If the field is absent, SubscriptionRequestType(263)=0(Snapshot) will be the default.
TradeReportRefID	[0..1]	String	The TradeReportID(571) that is being referenced for trade correction or cancelation.
SecondaryTradeReportRefID	[0..1]	String	
SecondaryTradeReportID	[0..1]	String	
TradeLinkID	[0..1]	String	



Name	Mult.	Type	Description
TrdMatchID	[0..1]	String	
ExecID	[0..1]	String	Market (exchange) assigned execution identifier as provided in the ExecutionReport(35=8) message. Conditionally required if ExecRefID(19) is present and refers to the new execution identifier assigned by the market (exchange).
ExecRefID	[0..1]	String	Reference to an execution identifier previously assigned by the market (exchange). If specified, ExecID(17) is required.
SecondaryExecID	[0..1]	String	
ExecRestatementReason	[0..1]	CodeSet	
RegulatoryTransactionType	[0..1]	CodeSet	
RegulatoryTradeIDGrp	[0..*]	Group	
PreviouslyReported	[0..1]	CodeSet	
PriceType	[0..1]	CodeSet	Can be used to indicate cabinet trade pricing.
PriceQualifierGrp	[0..*]	Group	
CrossType	[0..1]	CodeSet	
RootParties	[0..*]	Group	Used for acting parties that applies to the whole message, not individual legs, sides, etc.
AsOfIndicator	[0..1]	CodeSet	
SettlSessID	[0..1]	CodeSet	
SettlSessSubID	[0..1]	String	
VenueType	[0..1]	CodeSet	
MarketSegmentID	[0..1]	String	
MarketID	[0..1]	Exchange	
TaxonomyType	[0..1]	CodeSet	
Instrument	[1..1]	Component	
InstrumentExtension	[0..1]	Component	
FinancingDetails	[0..1]	Component	
PaymentGrp	[0..*]	Group	
QtyType	[0..1]	CodeSet	
YieldData	[0..1]	Component	
UndInstrmtGrp	[0..*]	Group	
RelatedInstrumentGrp	[0..*]	Group	
CollateralAmountGrp	[0..*]	Group	
CollateralizationValueDate	[0..1]	LocalMktDate	

Name	Mult.	Type	Description
RateSource	[0..*]	Group	
TransactionAttributeGrp	[0..*]	Group	
UnderlyingTradingSessionID	[0..1]	String	
UnderlyingTradingSessionSubID	[0..1]	String	
LastQty	[0..1]	Qty	Conditionally required except when reporting trades to parties who will derive trade level quantity from the leg level information for multi-legged trades
LastQtyVariance	[0..1]	Qty	
LastQtyChanged	[0..1]	Qty	
LastMultipliedQty	[0..1]	Qty	
TotalTradeQty	[0..1]	Qty	
TotalTradeMultipliedQty	[0..1]	Qty	
LastPx	[0..1]	Price	Conditionally required except when reporting trades to parties who will derive trade level price from the leg level information for multi-legged trades
MidPx	[0..1]	Price	
DifferentialPrice	[0..1]	PriceOffset	Used to specify the differential price when reporting the individual leg of a spread trade.
CalculatedCcyLastQty	[0..1]	Qty	
PriceMarkup	[0..1]	PriceOffset	Dealer's markup of market price to LastPx(31).
AveragePriceDetail	[0..1]	Component	
Currency	[0..1]	Currency	Primary currency of the specified currency pair. Used to qualify LastQty(32) and GrossTradeAmt(381).
CurrencyCodeSource	[0..1]	CodeSet	
SettlCurrency	[0..1]	Currency	Contra currency of the deal. Used to qualify CalculatedCcyLastQty(1056).
SettlCurrencyCodeSource	[0..1]	CodeSet	
SettlPriceFxRateCalc	[0..1]	CodeSet	For FX trades expresses whether to multiply or divide LastPx(31) to arrive at GrossTradeAmt(381).
LastParPx	[0..1]	Price	
LastSpotRate	[0..1]	Price	Applicable for F/X orders
LastForwardPoints	[0..1]	PriceOffset	Applicable for F/X orders
LastSwapPoints	[0..1]	PriceOffset	
PricePrecision	[0..1]	int	

Name	Mult.	Type	Description
LastMkt	[0..1]	Exchange	
ClearingTradePrice	[0..1]	Price	Used when clearing price differs from execution price.
TradePriceNegotiationMethod	[0..1]	CodeSet	
LastUpfrontPrice	[0..1]	Price	Upfront Price for CDS transactions. Conditionally required if TradePriceNegotiationMethod(1740) = 4(Percent of par and upfront amount), 5(Deal spread and upfront amount) or 6(Upfront points and upfront amount).
UpfrontPriceType	[0..1]	CodeSet	
TradeDate	[0..1]	LocalMktDate	Used when reporting other than current day trades.
ClearingBusinessDate	[0..1]	LocalMktDate	
ClearingPortfolioID	[0..1]	String	
AvgPx	[0..1]	Price	If used then the LastPx(31) will contain the original price on the execution.
SpreadOrBenchmarkCurveData	[0..1]	Component	
AvgPxGroupID	[0..1]	String	
AvgPxIndicator	[0..1]	CodeSet	
ValuationDate	[0..1]	LocalMktDate	
ValuationTime	[0..1]	LocalMktTime	
ValuationBusinessCenter	[0..1]	String	
PositionAmountData	[0..*]	Group	
MultiLegReportingType	[0..1]	CodeSet	Type of report if multileg instrument. Provided to support a scenario for trades of multileg instruments between two parties.
TradeLegRefID	[0..1]	String	Reference to the leg of a multileg instrument to which this trade refers. Used when MultiLegReportingType(442) = 2 (Individual leg of a multileg security).
TrdInstrmtLegGrp	[0..*]	Group	Identifies a multileg execution if present and non-zero.
TransactTime	[0..1]	UTCTimestamp	Time the transaction represented by when this TradeCaptureReport(35=AE) occurred. Execution time of trade. Also describes the time of block trades.
TrdRegTimestamps	[0..*]	Group	
SettlType	[0..1]	CodeSet	

Name	Mult.	Type	Description
SettlDate	[0..1]	LocalMktDate	Takes precedence over SettlType(63) value and conditionally required/omitted for specific SettlType(63) values.
TerminationDate	[0..1]	LocalMktDate	
UnderlyingSettlementDate	[0..1]	LocalMktDate	The settlement date for the underlying instrument of a derivatives security.
MatchStatus	[0..1]	CodeSet	
ExecMethod	[0..1]	CodeSet	
MatchType	[0..1]	CodeSet	
TradeQtyGrp	[0..*]	Group	
TrdCapRptSideGrp	[1..*]	Group	
Volatility	[0..1]	float	
TimeToExpiration	[0..1]	float	
DividendYield	[0..1]	Percentage	
RiskFreeRate	[0..1]	float	
PriceDelta	[0..1]	float	
CurrencyRatio	[0..1]	float	
CopyMsgIndicator	[0..1]	Boolean	
TrdRepIndicatorsGrp	[0..*]	Group	
TradeReportingIndicator	[0..1]	CodeSet	
PublishTrdIndicator	[0..1]	CodeSet	
TradePublishIndicator	[0..1]	CodeSet	
TrdRegPublicationGrp	[0..*]	Group	
ShortSaleReason	[0..1]	CodeSet	
TierCode	[0..1]	String	Indicates the algorithm (tier) used to match a trade.
MessageEventSource	[0..1]	String	
LastUpdateTime	[0..1]	UTCTimestamp	Used to indicate reports after a specific time.
RndPx	[0..1]	Price	Specifies the rounded price to quoted precision.
TZTransactTime	[0..1]	TZTimestamp	
ReportedPxDiff	[0..1]	Boolean	
GrossTradeAmt	[0..1]	Amt	(LastQty(32) * LastPx(31) or LastParPx(669)). For Fixed Income, LastParPx(669) is used when LastPx(31) is not expressed as "percent of par" price.
TotalGrossTradeAmt	[0..1]	Amt	

Name	Mult.	Type	Description
TradeReportRejectReason	[0..1]	CodeSet	Indicates the reason that a trade report was rejected.
RejectText	[0..1]	String	
EncodedRejectTextLen	[0..1]	Length	
EncodedRejectText	[0..1]	data	
FeeMultiplier	[0..1]	float	
ClearedIndicator	[0..1]	CodeSet	
ClearingIntention	[0..1]	CodeSet	
TradeClearingInstruction	[0..1]	CodeSet	
BackloadedTradeIndicator	[0..1]	Boolean	
ConfirmationMethod	[0..1]	CodeSet	
MandatoryClearingIndicator	[0..1]	Boolean	
MandatoryClearingJurisdictionGrp	[0..*]	Group	
MixedSwapIndicator	[0..1]	Boolean	
MultiAssetSwapIndicator	[0..1]	Boolean	
InternationalSwapIndicator	[0..1]	Boolean	
OffMarketPriceIndicator	[0..1]	Boolean	
VerificationMethod	[0..1]	CodeSet	
ClearingRequirementException	[0..1]	CodeSet	
IRSDirection	[0..1]	CodeSet	
RegulatoryReportType	[0..1]	CodeSet	
RegulatoryReportTypeBusinessDate	[0..1]	LocalMktDate	May be used when the business event date differs from when the regulatory report is actually being submitted (typically specified in TrdRegTimestamps component).
VoluntaryRegulatoryReport	[0..1]	Boolean	
MultiJurisdictionReportingIndicator	[0..1]	CodeSet	
TradeCollateralization	[0..1]	CodeSet	
TradeContinuation	[0..1]	CodeSet	
TradeContingency	[0..1]	CodeSet	
TradeVersion	[0..1]	String	
HistoricalReportIndicator	[0..1]	Boolean	
DeltaCrossed	[0..1]	Boolean	
TradeContinuationText	[0..1]	String	

<b>Name</b>	<b>Mult.</b>	<b>Type</b>	<b>Description</b>
EncodedTradeContinuationTextLen	[0..1]	Length	Must be set if EncodedTradeContinuationText(2371) field is specified and must immediately precede it.
EncodedTradeContinuationText	[0..1]	data	Encoded (non-ASCII characters) representation of the TradeContinuationText(2374) field in the encoded format specified via the MessageEncoding(347) field.
IntraFirmTradeIndicator	[0..1]	Boolean	
AffiliatedFirmsTradeIndicator	[0..1]	Boolean	
AttachmentGrp	[0..*]	Group	
RiskLimitCheckStatus	[0..1]	CodeSet	
StandardTrailer	[1..1]	Component	

---

## 156 TradeCaptureReportAck

Category: TradeCapture

### 156.1 Message Functionality

The Trade Capture Report Ack message can be:

- Used to acknowledge trade capture reports received from a counterparty.
- Used to reject a trade capture report received from a counterparty.

### 156.2 Structure

Name	Mult.	Type	Description
StandardHeader	[1..1]	Component	MsgType = AR
TradeReportID	[0..1]	String	
TradeID	[0..1]	String	
SecondaryTradeID	[0..1]	String	
FirmTradeID	[0..1]	String	
SecondaryFirmTradeID	[0..1]	String	
TradeReportTransType	[0..1]	CodeSet	
TradeReportType	[0..1]	CodeSet	Indicates action to take on trade.
TrdType	[0..1]	CodeSet	
TrdSubType	[0..1]	CodeSet	
SecondaryTrdType	[0..1]	CodeSet	
OffsetInstruction	[0..1]	CodeSet	
TradeHandlingInstr	[0..1]	CodeSet	
OrigTradeHandlingInstr	[0..1]	CodeSet	
OrigTradeDate	[0..1]	LocalMktDate	
OrigTradeID	[0..1]	String	
OrigSecondaryTradeID	[0..1]	String	
TransferReason	[0..1]	String	
RootParties	[0..*]	Group	
ExecType	[0..1]	CodeSet	Type of execution being reported. Uses subset of ExecType(150) for trade capture reports.

Name	Mult.	Type	Description
TradeReportRefID	[0..1]	String	The TradeReportID(571) that is being referenced for trade correction or cancellation.
SecondaryTradeReportRefID	[0..1]	String	The SecondaryTradeReportID that is being referenced for some action, such as correction or cancellation
TrdRptStatus	[0..1]	CodeSet	Status of trade report.
TrdAckStatus	[0..1]	CodeSet	
TradeReportRejectReason	[0..1]	CodeSet	
RejectText	[0..1]	String	Reason description for rejecting the TradeCaptureReport(35=AE).
EncodedRejectTextLen	[0..1]	Length	Must be set if EncodedRejectText(1665) field is specified and must immediately precede it.
EncodedRejectText	[0..1]	data	Encoded (non-ASCII characters) representation of the RejectText(1328) field in the encoded format specified via the MessageEncoding(347) field.
SecondaryTradeReportID	[0..1]	String	
SubscriptionRequestType	[0..1]	CodeSet	If the field is absent, SubscriptionRequestType(263)=0(Snapshot) will be the default.
TradeLinkID	[0..1]	String	
TrdMatchID	[0..1]	String	
ExecID	[0..1]	String	Exchanged assigned execution identifier (trade identifier).
SecondaryExecID	[0..1]	String	
ExecRestatementReason	[0..1]	CodeSet	
PreviouslyReported	[0..1]	CodeSet	
PriceType	[0..1]	CodeSet	
PriceQualifierGrp	[0..*]	Group	
CrossType	[0..1]	CodeSet	
UnderlyingTradingSessionID	[0..1]	String	
UnderlyingTradingSessionSubID	[0..1]	String	
SettlSessID	[0..1]	CodeSet	
SettlSessSubID	[0..1]	String	
QtyType	[0..1]	CodeSet	
LastQty	[0..1]	Qty	
LastPx	[0..1]	Price	
VenueType	[0..1]	CodeSet	



Name	Mult.	Type	Description
MarketSegmentID	[0..1]	String	
MarketID	[0..1]	Exchange	
Instrument	[1..1]	Component	
InstrumentExtension	[0..1]	Component	
FinancingDetails	[0..1]	Component	
LastParPx	[0..1]	Price	
CalculatedCcyLastQty	[0..1]	Qty	
LastSwapPoints	[0..1]	PriceOffset	
PriceMarkup	[0..1]	PriceOffset	Dealer's markup of market price to LastPx(31).
AveragePriceDetail	[0..1]	Component	
Currency	[0..1]	Currency	Primary currency of the specified currency pair. Used to qualify LastQty(32) and GrossTradeAmt(381).
CurrencyCodeSource	[0..1]	CodeSet	
SettlCurrency	[0..1]	Currency	Contra currency of the deal. Used to qualify CalculatedCcyLastQty(1056).
SettlCurrencyCodeSource	[0..1]	CodeSet	
LastSpotRate	[0..1]	Price	
LastForwardPoints	[0..1]	PriceOffset	
LastMkt	[0..1]	Exchange	
TradeDate	[0..1]	LocalMktDate	
ClearingBusinessDate	[0..1]	LocalMktDate	
AvgPx	[0..1]	Price	
AvgPxGroupID	[0..1]	String	
AvgPxIndicator	[0..1]	CodeSet	
MultiLegReportingType	[0..1]	CodeSet	
TradeLegRefID	[0..1]	String	
TransactTime	[0..1]	UTCTimestamp	Time this message was issued by matching system, trading system or counterparty.
SettlType	[0..1]	CodeSet	
UndInstrmtGrp	[0..*]	Group	
MatchStatus	[0..1]	CodeSet	
MatchType	[0..1]	CodeSet	
CopyMsgIndicator	[0..1]	Boolean	
TrdRepIndicatorsGrp	[0..*]	Group	

Name	Mult.	Type	Description
PublishTrdIndicator	[0..1]	CodeSet	
TradePublishIndicator	[0..1]	CodeSet	
ShortSaleReason	[0..1]	CodeSet	
TrdInstrmtLegGrp	[0..*]	Group	
TrdRegTimestamps	[0..*]	Group	
ResponseTransportType	[0..1]	CodeSet	
ResponseDestination	[0..1]	String	
Text	[0..1]	String	
EncodedTextLen	[0..1]	Length	Must be set if EncodedText(355) field is specified and must immediately precede it.
EncodedText	[0..1]	data	
AsOfIndicator	[0..1]	CodeSet	
ClearingFeeIndicator	[0..1]	CodeSet	
PositionAmountData	[0..*]	Group	
TierCode	[0..1]	String	Indicates the algorithm (tier) used to match a trade.
MessageEventSource	[0..1]	String	
LastUpdateTime	[0..1]	UTCTimestamp	Used to indicate reports after a specific time.
RndPx	[0..1]	Price	Specifies the rounded price to quoted precision.
TradeQtyGrp	[0..*]	Group	
TrdCapRptAckSideGrp	[0..*]	Group	
RptSys	[0..1]	String	
GrossTradeAmt	[0..1]	Amt	(LastQty(32) * LastPx(31) or LastParPx(669)). For Fixed Income, LastParPx(669) is used when LastPx(31) is not expressed as "percent of par" price.
SettlDate	[0..1]	LocalMktDate	
FeeMultiplier	[0..1]	float	
RiskLimitCheckStatus	[0..1]	CodeSet	
StandardTrailer	[1..1]	Component	

## 157 TradeCaptureReportRequest

Category: TradeCapture

### 157.1 Message Functionality

The Trade Capture Report Request can be used to:

- Request one or more trade capture reports based upon selection criteria provided on the trade capture report request
- Subscribe for trade capture reports based upon selection criteria provided on the trade capture report request.

### 157.2 Structure

Name	Mult.	Type	Description
StandardHeader	[1..1]	Component	MsgType = AD
TradeRequestID	[1..1]	String	Unique identifier for the trade request.
TradeID	[0..1]	String	
SecondaryTradeID	[0..1]	String	
FirmTradeID	[0..1]	String	
SecondaryFirmTradeID	[0..1]	String	
TradeRequestType	[1..1]	CodeSet	
SubscriptionRequestType	[0..1]	CodeSet	If the field is absent, SubscriptionRequestType(263)=0(Snapshot) will be the default.
TradeReportID	[0..1]	String	Can be used to request a specific trade report.
SecondaryTradeReportID	[0..1]	String	To request a specific trade report
SecondaryExecID	[0..1]	String	To request all trades based on secondary execution identifier
ExecID	[0..1]	String	
ExecType	[0..1]	CodeSet	Can be used to request all trades of a specific execution type.
OrderID	[0..1]	String	
ClOrdID	[0..1]	String	
MatchStatus	[0..1]	CodeSet	

Name	Mult.	Type	Description
TrdType	[0..1]	CodeSet	Can be used to request all trades of a specific trade type.
TrdSubType	[0..1]	CodeSet	Can be used to request all trades of a specific trade sub type.
OffsetInstruction	[0..1]	CodeSet	
TradeHandlingInstr	[0..1]	CodeSet	
TransferReason	[0..1]	String	Can be used to request all trades for a specific transfer reason.
SecondaryTrdType	[0..1]	CodeSet	Can be used to request all trades of a specific secondary trade type.
TradeLinkID	[0..1]	String	Can be used to request all trades of a specific trade link identifier.
TrdMatchID	[0..1]	String	Can be used to request a trade matching a specific TrdMatchID(880).
Parties	[0..*]	Group	Used to specify the parties for the trades to be returned (clearing firm, execution broker, trader id, etc.). ExecutingBroker. ClearingFirm. ContraBroker. ContraClearingFirm. SettlementLocation - depository, CSD, or other settlement party. ExecutingTrader. InitiatingTrader. OrderOriginator
Instrument	[0..1]	Component	
InstrumentExtension	[0..1]	Component	
FinancingDetails	[0..1]	Component	
UndInstrmtGrp	[0..*]	Group	
InstrmtLegGrp	[0..*]	Group	
TrdCapDtGrp	[0..*]	Group	Number of date ranges provided (must be 1 or 2 if specified)
ClearingBusinessDate	[0..1]	LocalMktDate	Can be used to request trades for a specific clearing business date.
TradingSessionID	[0..1]	CodeSet	Can be used to request trades for a specific trading session.
TradingSessionSubID	[0..1]	CodeSet	Can be used to request trades for a specific trading session.
TimeBracket	[0..1]	String	Can be used to request trades within a specific time bracket.
Side	[0..1]	CodeSet	Can be used to request trades for a specific side of a trade.

<b>Name</b>	<b>Mult.</b>	<b>Type</b>	<b>Description</b>
MultiLegReportingType	[0..1]	CodeSet	Used to indicate if trades are to be returned for the individual legs of a multileg instrument or for the overall instrument.
TradeInputSource	[0..1]	String	Can be used to requests trades that were submitted from a specific trade input source.
TradeInputDevice	[0..1]	String	Can be used to request trades that were submitted from a specific trade input device.
ResponseTransportType	[0..1]	CodeSet	
ResponseDestination	[0..1]	String	
Text	[0..1]	String	Used to match specific values within Text(58) fields.
EncodedTextLen	[0..1]	Length	
EncodedText	[0..1]	data	
MessageEventSource	[0..1]	String	
StandardTrailer	[1..1]	Component	

---

## 158 TradeCaptureReportRequestAck

Category: TradeCapture

### 158.1 Message Functionality

The Trade Capture Request Ack message is used to:

- Provide an acknowledgement to a Trade Capture Report Request in the case where the Trade Capture Report Request is used to specify a subscription or delivery of reports via an out-of-band ResponseTransmissionMethod.
- Provide an acknowledgement to a Trade Capture Report Request in the case when the return of the Trade Capture Reports matching that request will be delayed or delivered asynchronously. This is useful in distributed trading system environments.
- Indicate that no trades were found that matched the selection criteria specified on the Trade Capture Report Request or the Trade Capture Request was invalid for some business reason, such as request is not authorized, invalid or unknown instrument, party, trading session, etc.

### 158.2 Structure

Name	Mult.	Type	Description
StandardHeader	[1..1]	Component	MsgType = AQ
TradeRequestID	[1..1]	String	Identifier for the trade request
TradeID	[0..1]	String	
SecondaryTradeID	[0..1]	String	
FirmTradeID	[0..1]	String	
SecondaryFirmTradeID	[0..1]	String	
TradeRequestType	[1..1]	CodeSet	
SubscriptionRequestType	[0..1]	CodeSet	Used to subscribe / unsubscribe for trade capture reports. If the field is absent, the value 0 will be the default
TotNumTradeReports	[0..1]	int	Number of trade reports returned
TradeRequestResult	[1..1]	CodeSet	Result of Trade Request
TradeRequestStatus	[1..1]	CodeSet	Status of Trade Request

<b>Name</b>	<b>Mult.</b>	<b>Type</b>	<b>Description</b>
<b>Instrument</b>	[0..1]	Component	Insert here the set of "Instrument" (symbology) fields defined in "Common Components of Application Messages"
<b>InstrumentExtension</b>	[0..1]	Component	
<b>UndInstrmtGrp</b>	[0..*]	Group	
<b>InstrmtLegGrp</b>	[0..*]	Group	Number of legs. NoLegs > 0 identifies a Multi-leg Execution
<b>MultiLegReportingType</b>	[0..1]	CodeSet	Specify type of multileg reporting to be returned.
<b>ResponseTransportType</b>	[0..1]	CodeSet	Ability to specify whether the response to the request should be delivered inband or via pre-arranged out-of-band transport.
<b>ResponseDestination</b>	[0..1]	String	URI destination name. Used if ResponseTransportType is out-of-band.
<b>Text</b>	[0..1]	String	May be used by the executing market to record any execution Details that are particular to that market
<b>EncodedTextLen</b>	[0..1]	Length	Must be set if EncodedText field is specified and must immediately precede it.
<b>EncodedText</b>	[0..1]	data	Encoded (non-ASCII characters) representation of the Text field in the encoded format specified via the MessageEncoding field.
<b>MessageEventSource</b>	[0..1]	String	Used to identify the event or source which gave rise to a message
<b>StandardTrailer</b>	[1..1]	Component	

## 159 TradeMatchReport

Category: TradeCapture

### 159.1 Message Functionality

The TradeMatchReport(35=DC) message is used by exchanges and ECN's to report matched trades to central counterparties (CCPs) as an atomic event. The message is used to express the one-to-one, one-to-many and many-to-many matches as well as implied matches in which more complex instruments can match with simpler instruments.

### 159.2 Structure

Name	Mult.	Type	Description
StandardHeader	[1..1]	Component	MsgType=DC
ApplicationSequenceControl	[0..1]	Component	
TrdMatchID	[1..1]	String	Unique identifier common for all trades included in a match event.
MatchType	[0..1]	CodeSet	
TradeReportType	[0..1]	CodeSet	
ClearingBusinessDate	[0..1]	LocalMktDate	
TrdType	[0..1]	CodeSet	
TrdSubType	[0..1]	CodeSet	
TradeDate	[0..1]	LocalMktDate	Used when reporting other than current day trades.
MarketID	[0..1]	Exchange	
MarketSegmentID	[0..1]	String	
TradingSessionID	[0..1]	CodeSet	
TradingSessionSubID	[0..1]	CodeSet	
VenueType	[0..1]	CodeSet	
TradeMatchTimestamp	[0..1]	UTCTimestamp	
TransactTime	[0..1]	UTCTimestamp	Time of the match event or transaction that resulted in this match report.



<b>Name</b>	<b>Mult.</b>	<b>Type</b>	<b>Description</b>
MultiLegReportingType	[0..1]	CodeSet	Differentiates match events involving complex instruments (MultiLegReportingType(442)=3(multileg security)) from those only involving simple instruments (MultiLegReportingType(442)=1(single security)). MultiLegReportingType(442)=2(individual leg of multileg security) should not be used.
InstrmtMatchSideGrp	[0..*]	Group	Conditionally required when TradeReportType(856) = Submit(0).
StandardTrailer	[1..1]	Component	

---

## 160 TradeMatchReportAck

Category: TradeCapture

### 160.1 Message Functionality

The TradeMatchReportAck(35=DD) is used to respond to the TradeMatchReport(35=DC) message. It may be used to report on the status of the request (e.g. accepting the request or rejecting the request).

### 160.2 Structure

Name	Mult.	Type	Description
StandardHeader	[1..1]	Component	MsgType=DD
ApplicationSequenceControl	[0..1]	Component	
TrdMatchID	[1..1]	String	Identifier of the TradeMatchReport(35=DC) being acknowledged.
TradeMatchAckStatus	[1..1]	CodeSet	
TradeMatchRejectReason	[0..1]	CodeSet	Conditionally required when TradeMatchAckStatus(1896) = Rejected(2).
RejectText	[0..1]	String	
EncodedRejectTextLen	[0..1]	Length	
EncodedRejectText	[0..1]	data	
Text	[0..1]	String	
EncodedTextLen	[0..1]	Length	
EncodedText	[0..1]	data	
StandardTrailer	[1..1]	Component	

---

## 161 TradingSessionList

Category: MarketStructureReferenceData

### 161.1 Message Functionality

The Trading Session List message is sent as a response to a Trading Session List Request. The Trading Session List should contain the characteristics of the trading session and the current state of the trading session.

### 161.2 Structure

---

Name	Mult.	Type	Description
StandardHeader	[1..1]	Component	MsgType = BJ
ApplicationSequenceControl	[0..1]	Component	
TradSesReqID	[0..1]	String	Provided for a response to a specific Trading Session List Request message (snapshot).
TrdSessLstGrp	[1..*]	Group	
StandardTrailer	[1..1]	Component	

---

## 162 TradingSessionListRequest

Category: MarketStructureReferenceData

### 162.1 Message Functionality

The Trading Session List Request is used to request a list of trading sessions available in a market place and the state of those trading sessions. A successful request will result in a response from the counterparty of a Trading Session List (MsgType=BJ) message that contains a list of zero or more trading sessions.

### 162.2 Structure

Name	Mult.	Type	Description
StandardHeader	[1..1]	Component	MsgType = BI
TradSesReqID	[1..1]	String	Must be unique, or the ID of previous Trading Session Status Request to disable if SubscriptionRequestType = Disable previous Snapshot + Update Request (2).
MarketID	[0..1]	Exchange	Market for which Trading Session applies
MarketSegmentID	[0..1]	String	Market Segment for which Trading Session applies
TradingSessionID	[0..1]	CodeSet	Trading Session for which status is being requested
TradingSessionSubID	[0..1]	CodeSet	
SecurityExchange	[0..1]	Exchange	
TradSesMethod	[0..1]	CodeSet	Method of Trading
TradSesMode	[0..1]	CodeSet	Trading Session Mode
SubscriptionRequestType	[1..1]	CodeSet	
StandardTrailer	[1..1]	Component	

## 163 TradingSessionListUpdateReport

Category: MarketStructureReferenceData

### 163.1 Message Functionality

The Trading Session List Update Report is used by marketplaces to provide intra-day updates of trading sessions when there are changes to one or more trading sessions.

### 163.2 Structure

---

Name	Mult.	Type	Description
StandardHeader	[1..1]	Component	MsgType = BS
ApplicationSequenceControl	[0..1]	Component	
TradSesReqID	[0..1]	String	Provided for a response to a specific Trading Session List Request message (snapshot).
TrdSessLstGrp	[1..*]	Group	
StandardTrailer	[1..1]	Component	

---

## 164 TradingSessionStatus

Category: MarketStructureReferenceData

### 164.1 Message Functionality

The Trading Session Status provides information on the status of a market. For markets multiple trading sessions on multiple-markets occurring (morning and evening sessions for instance), this message is able to provide information on what products are trading on what market during what trading session.

### 164.2 Structure

Name	Mult.	Type	Description
StandardHeader	[1..1]	Component	MsgType = h (lowercase)
ApplicationSequenceControl	[0..1]	Component	
TradSesReqID	[0..1]	String	Conditionally required when responding to a specific TradingSessionStatusRequest(35=g)
MarketID	[0..1]	Exchange	Market for which trading session applies
MarketSegmentID	[0..1]	String	Market Segment for which trading session applies
TradeDate	[0..1]	LocalMktDate	Business day for which trading session applies to.
TradingSessionID	[1..1]	CodeSet	Identifier for trading session
TradingSessionSubID	[0..1]	CodeSet	
TradSesMethod	[0..1]	CodeSet	
TradSesMode	[0..1]	CodeSet	
UnsolicitedIndicator	[0..1]	CodeSet	Set to 'Y' if message is sent unsolicited as a result of a previous subscription request.
TradSesStatus	[1..1]	CodeSet	
TradSesEvent	[0..1]	CodeSet	Identifies an event related to the trading status of a trading session
FastMarketIndicator	[0..1]	Boolean	Indicates if trading session is in fast market.
TradSesStatusRejReason	[0..1]	CodeSet	Use with TradSesStatus(340) = 6(Request Rejected).
TradSesStartTime	[0..1]	UTCTimestamp	Starting time of the trading session
TradSesOpenTime	[0..1]	UTCTimestamp	Time of the opening of the trading session
TradSesPreCloseTime	[0..1]	UTCTimestamp	Time of the pre-close of the trading session

<b>Name</b>	<b>Mult.</b>	<b>Type</b>	<b>Description</b>
TradSesCloseTime	[0..1]	UTCTimestamp	Closing time of the trading session
TradSesEndTime	[0..1]	UTCTimestamp	End time of the trading session
TradSesControl	[0..1]	CodeSet	Indicates how control of trading session and subsession transitions are performed
TotalVolumeTraded	[0..1]	Qty	
TransactTime	[0..1]	UTCTimestamp	
Text	[0..1]	String	
EncodedTextLen	[0..1]	Length	Must be set if EncodedText(355) field is specified and must immediately precede it.
EncodedText	[0..1]	data	Encoded (non-ASCII characters) representation of the Text(58) field in the encoded format specified via the MessageEncoding(347) field.
Instrument	[0..1]	Component	Use if status information applies only to a subset of all instruments. Use SecurityStatus(35=f) message instead for status on a single instrument.
StandardTrailer	[1..1]	Component	

---

## 165 TradingSessionStatusRequest

Category: MarketStructureReferenceData

### 165.1 Message Functionality

The Trading Session Status Request is used to request information on the status of a market. With the move to multiple sessions occurring for a given trading party (morning and evening sessions for instance) there is a need to be able to provide information on what product is trading on what market.

### 165.2 Structure

---

Name	Mult.	Type	Description
StandardHeader	[1..1]	Component	MsgType = g (lowercase)
TradSesReqID	[1..1]	String	Must be unique, or the ID of previous Trading Session Status Request to disable if SubscriptionRequestType = Disable previous Snapshot + Updates Request (2).
MarketID	[0..1]	Exchange	Market for which Trading Session applies
MarketSegmentID	[0..1]	String	Market Segment for which Trading Session applies
TradingSessionID	[0..1]	CodeSet	Trading Session for which status is being requested
TradingSessionSubID	[0..1]	CodeSet	
TradSesMethod	[0..1]	CodeSet	Method of trading
TradSesMode	[0..1]	CodeSet	Trading Session Mode
SubscriptionRequestType	[1..1]	CodeSet	
SecurityExchange	[0..1]	Exchange	
StandardTrailer	[1..1]	Component	

---



## 166 UserNotification

Category: UserManagement

### 166.1 Message Functionality

The User Notification message is used to notify one or more users of an event or information from the sender of the message. This message is usually sent unsolicited from a marketplace (e.g. Exchange, ECN) to a market participant.

### 166.2 Structure

---

Name	Mult.	Type	Description
StandardHeader	[1..1]	Component	MsgType = CB
UsernameGrp	[0..*]	Group	List of users to which the notification is directed
UserStatus	[1..1]	CodeSet	Reason for notification - when possible provide an explanation.
ThrottleParamsGrp	[0..*]	Group	
Text	[0..1]	String	Explanation for user notification.
EncodedTextLen	[0..1]	Length	Must be set if EncodedText field is specified and must immediately precede it.
EncodedText	[0..1]	data	Encoded (non-ASCII characters) representation of the Text field in the encoded format specified via the MessageEncoding field.
StandardTrailer	[1..1]	Component	

---

## 167 UserRequest

Category: UserManagement

### 167.1 Message Functionality

This message is used to initiate a user action, logon, logout or password change. It can also be used to request a report on a user's status.

### 167.2 Structure

---

Name	Mult.	Type	Description
StandardHeader	[1..1]	Component	MsgType = "BE"
UserRequestID	[1..1]	String	
UserRequestType	[1..1]	CodeSet	
Username	[1..1]	String	
Password	[0..1]	String	
NewPassword	[0..1]	String	
EncryptedPasswordMethod	[0..1]	int	
EncryptedPasswordLen	[0..1]	Length	
EncryptedPassword	[0..1]	data	
EncryptedNewPasswordLen	[0..1]	Length	
EncryptedNewPassword	[0..1]	data	
RawDataLength	[0..1]	Length	
RawData	[0..1]	data	Can be used to hand structures etc to other API's etc
StandardTrailer	[1..1]	Component	

---

## 168 UserResponse

Category: UserManagement

### 168.1 Message Functionality

This message is used to respond to a user request message, it reports the status of the user after the completion of any action requested in the user request message.

### 168.2 Structure

---

Name	Mult.	Type	Description
StandardHeader	[1..1]	Component	MsgType = "BF"
UserRequestID	[1..1]	String	
Username	[1..1]	String	
UserStatus	[0..1]	CodeSet	
ThrottleParamsGrp	[0..*]	Group	
UserStatusText	[0..1]	String	Reason a request was not carried out
StandardTrailer	[1..1]	Component	

---

## 169 XMLnonFIX

Category: Session

### 169.1 Message Functionality

### 169.2 Structure

---

Name	Mult.	Type	Description
StandardHeader	[1..1]	Component	
AttachmentGrp	[0..*]	Group	
StandardTrailer	[1..1]	Component	

---

## 170 Message Elements

### 170.1 Data Types

Data type	Base type	Description
Amt	float	float field typically representing a Price times a Qty
Boolean	char	char field containing one of two values: 'Y' = True/Yes. 'N' = False/No
char		Single character value, can include any alphanumeric character or punctuation except the delimiter. All char fields are case sensitive (i.e. m != M).
Country	String	string field representing a country using ISO 3166 Country code (2 character) values (see Appendix 6-B).
Currency	String	string field representing a currency type using ISO 4217 Currency code (3 character) values (see Appendix 6-A).
data	String	string field containing raw data with no format or content restrictions. Data fields are always immediately preceded by a length field. The length field should specify the number of bytes of the value of the data field (up to but not including the terminating SOH). Caution: the value of one of these fields may contain the delimiter (SOH) character. Note that the value specified for this field should be followed by the delimiter (SOH) character as all fields are terminated with an "SOH".
Exchange	String	string field representing a market or exchange using ISO 10383 Market Identifier Code (MIC) values (see Appendix 6-C).
float		Sequence of digits with optional decimal point and sign character (ASCII characters "-", "0" - "9" and "."); the absence of the decimal point within the string will be interpreted as the float representation of an integer value. All float fields must accommodate up to fifteen significant digits. The number of decimal places used should be a factor of business/market needs and mutual agreement between counterparties. Note that float values may contain leading zeros (e.g. "00023.23" = "23.23") and may contain or omit trailing zeros after the decimal point (e.g. "23.0" = "23.0000" = "23" = "23."). Note that fields which are derived from float may contain negative values unless explicitly specified otherwise.
int		Sequence of digits without commas or decimals and optional sign character (ASCII characters "-" and "0" - "9"). The sign character utilizes one byte (i.e. positive int is "99999" while negative int is "-99999"). Note that int values may contain leading zeros (e.g. "00023" = "23").
Language	String	Identifier for a national language - uses ISO 639-1 standard
Length	int	int field representing the length in bytes. Value must be positive.

Data type	Base type	Description
LocalMktDate	String	string field representing a Date of Local Market (as opposed to UTC) in YYYYMMDD format. This is the "normal" date field used by the FIX Protocol. Valid values: YY = 0000-9999, MM = 01-12, DD = 01-31
LocalMktTime	String	string field representing the time local to a particular market center. Used where offset to UTC varies throughout the year and the defining market center is identified in a corresponding field. Format is HH:MM:SS where HH = 00-23 hours, MM = 00-59 minutes, SS = 00-59 seconds. In general only the hour token is non-zero.
MonthYear	String	string field representing month of a year. An optional day of the month can be appended or an optional week code. Valid formats: YYYYMM. YYYYMMDD. YYYYMMWW. Valid values: YY = 0000-9999; MM = 01-12; DD = 01-31; WW = w1, w2, w3, w4, w5.
MultipleCharValue	String	string field containing one or more space delimited single character values (e.g.
MultipleStringValue	String	string field containing one or more space delimited multiple character values (e.g.
NumInGroup	int	int field representing the number of entries in a repeating group. Value must be positive.
Percentage	float	float field representing a percentage (e.g. 0.05 represents 5% and 0.9525 represents 95.25%). Note the number of decimal places may vary.
Price	float	float field representing a price. Note the number of decimal places may vary. For certain asset classes prices may be negative values. For example, prices for options strategies can be negative under certain market conditions. Refer to Volume 7: FIX Usage by Product for asset classes that support negative price values.
PriceOffset	float	float field representing a price offset, which can be mathematically added to a "Price". Note the number of decimal places may vary and some fields such as LastForwardPoints may be negative.
Qty	float	float field capable of storing either a whole number (no decimal places) of "shares" (securities denominated in whole units) or a decimal value containing decimal places for non-share quantity asset classes (securities denominated in fractional units).
SeqNum	int	int field representing a message sequence number. Value must be positive.
String		Alpha-numeric free format strings, can include any character or punctuation except the delimiter. All String fields are case sensitive (i.e. morstatt != Morstatt).
TagNum	int	int field representing a field's tag number when using FIX "Tag=Value" syntax. Value must be positive and may not contain leading zeros.

Data type	Base type	Description
TZTimeOnly	String	string field representing the time represented based on ISO 8601. This is the time with a UTC offset to allow identification of local time and timezone of that time. Format is HH:MM[:SS][Z]
TZTimestamp	String	string field representing a time/date combination representing local time with an offset to UTC to allow identification of local time and timezone offset of that time. The representation is based on ISO 8601. Format is YYYYMMDD-HH:MM:SS.sss*[Z]
UTCDateOnly	String	string field representing Date represented in UTC (Universal Time Coordinated, also known as "GMT") in YYYYMMDD format. This special-purpose field is paired with UTCTimeOnly to form a proper UTCTimestamp for bandwidth-sensitive messages. Valid values: . YYYY = 0000-9999, MM = 01-12, DD = 01-31.
UTCTimeOnly	String	string field representing time-only represented in UTC (Universal Time Coordinated, also known as "GMT") in either HH:MM:SS (whole seconds) or HH:MM:SS.sss* (milliseconds) format, colons, and period required. This special-purpose field is paired with UTCDateOnly to form a proper UTCTimestamp for bandwidth-sensitive messages. Valid values: . HH = 00-23, MM = 00-59, SS = 00-60 (60 only if UTC leap second), sss* fractions of seconds. The fractions of seconds may be empty when no fractions of seconds are conveyed (in such a case the period is not conveyed), it may include 3 digits to convey milliseconds, 6 digits to convey microseconds, 9 digits to convey nanoseconds, 12 digits to convey picoseconds; Other number of digits may be used with bilateral agreement.
UTCTimestamp	String	string field representing time/date combination represented in UTC (Universal Time Coordinated, also known as "GMT") in either YYYYMMDD-HH:MM:SS (whole seconds) or YYYYMMDD-HH:MM:SS.sss* format, colons, dash, and period required. Valid values: . YYYY = 0000-9999, MM = 01-12, DD = 01-31, HH = 00-23, MM = 00-59, SS = 00-60 (60 only if UTC leap second), sss* fractions of seconds. The fractions of seconds may be empty when no fractions of seconds are conveyed (in such a case the period is not conveyed), it may include 3 digits to convey milliseconds, 6 digits to convey microseconds, 9 digits to convey nanoseconds, 12 digits to convey picoseconds; Other number of digits may be used with bilateral agreement. Leap Seconds: Note that UTC includes corrections for leap seconds, which are inserted to account for slowing of the rotation of the earth. Leap second insertion is declared by the International Earth Rotation Service (IERS) and has, since 1972, only occurred on the night of Dec. 31 or Jun 30. The IERS considers March 31 and September 30 as secondary dates for leap second insertion, but has never utilized these dates. During a leap second insertion, a UTCTimestamp field may read "19981231-23:59:59", "19981231-23:59:60", "19990101-00:00:00". (see <a href="http://tycho.usno.navy.mil/leapsec.html">http://tycho.usno.navy.mil/leapsec.html</a> )

Data type	Base type	Description
XID	String	The purpose of the XID datatype is to define a unique identifier that is global to a FIX message. An identifier defined using this datatype uniquely identifies its containing element, whatever its type and name is. The constraint added by this datatype is that the values of all the fields that have an XID datatype in a FIX message must be unique.
XIDREF	String	The XIDREF datatype defines a reference to an identifier defined by the XID datatype.
XMLData	String	Contains an XML document raw data with no format or content restrictions. XMLData fields are always immediately preceded by a length field. The length field should specify the number of bytes of the value of the data field (up to but not including the terminating SOH).

## 170.2 Data Dictionary

### 170.2.1 Account

Account mnemonic as agreed between buy and sell sides, e.g. broker and institution or investor/intermediary and fund manager.

Type: **String**

Used in groups: **BidCompReqGrp, ListOrdGrp, QuotReqGrp, QuotReqRjctGrp, SideCrossOrdModGrp, TrdCapRptAckSideGrp, TrdCapRptSideGrp**

Used in messages: **AssignmentReport, CollateralAssignment, CollateralInquiry, CollateralInquiryAck, CollateralReport, CollateralRequest, CollateralResponse, ExecutionReport, MassOrder, MassOrderAck, MassQuote, MassQuoteAck, MultilegOrderCancelReplace, NewOrderMultileg, NewOrderSingle, OrderCancelReject, OrderCancelReplaceRequest, OrderCancelRequest, OrderMassStatusRequest, OrderStatusRequest, PositionMaintenanceReport, PositionMaintenanceRequest, PositionReport, Quote, QuoteCancel, QuoteResponse, QuoteStatusReport, QuoteStatusRequest, RegistrationInstructions, RegistrationInstructionsResponse, RequestForPositions, RequestForPositionsAck, TradeAggregationRequest**

### 170.2.2 AccountSummaryReportID

Unique identifier for the AccountSummaryReport(35=CQ).

Type: **String**

Used in messages: **AccountSummaryReport**



### 170.2.3 AccountType

Type of account associated with an order

Type: `int`

Allowed values in AccountTypeCodeSet:

Code	Name	Description
1	CarriedCustomerSide	Account is carried on customer side of the books
2	CarriedNonCustomerSide	Account is carried on non-customer side of books
3	HouseTrader	House Trader
4	FloorTrader	Floor Trader
6	CarriedNonCustomerSideCross-Margined	Account is carried on non-customer side of books and is cross margined
7	HouseTraderCrossMargined	Account is house trader and is cross margined
8	JointBackOfficeAccount	Joint back office account (JBO)
9	EquitiesSpecialist	Equities specialist
10	OptionsMarketMaker	Options market maker
11	OptionsFirmAccount	Options firm account
12	AccountCustomerNonCustomerOrders	Account for customer and non-customer orders. Account aggregates orders from customers and non-customers. In the context of IROC UMIR this account type can be used for bundled orders (BU), i.e. orders including client, non-client and principal orders.
13	AccountOrdersMultipleCustomers	Account for orders from multiple customers. Account aggregates orders from multiple customers. In the context of IROC UMIR this account type can be used for multiple client orders (MC), i.e. orders including orders from more than one client but no principal or non-client orders.

Used in groups: `ListOrdGrp`, `QuotReqGrp`, `QuotReqRjctGrp`, `SideCrossOrdModGrp`, `TrdCapRptAckSideGrp`, `TrdCapRptSideGrp`

Used in messages: `AssignmentReport`, `CollateralAssignment`, `CollateralInquiry`, `CollateralInquiryAck`, `CollateralReport`, `CollateralRequest`, `CollateralResponse`, `ExecutionReport`, `MassOrder`, `MassOrderAck`, `MassQuote`, `MassQuoteAck`, `MultilegOrderCancelReplace`, `NewOrderMultileg`, `NewOrderSingle`, `OrderCancelReject`, `OrderCancelReplaceRequest`, `OrderCancelRequest`, `PositionMaintenanceReport`, `PositionMaintenanceRequest`, `PositionReport`, `Quote`, `QuoteCancel`, `QuoteResponse`, `QuoteStatusReport`, `QuoteStatusRequest`, `RequestForPositions`, `RequestForPositionsAck`

#### 170.2.4 AccruedInterestAmt

Amount of Accrued Interest for convertible bonds and fixed income

Type: **Amt**

Used in groups: **TrdCapRptAckSideGrp, TrdCapRptSideGrp**

Used in messages: **AllocationInstruction, AllocationInstructionAlert, AllocationReport, CollateralAssignment, CollateralInquiry, CollateralReport, CollateralRequest, CollateralResponse, Confirmation, ExecutionReport**

#### 170.2.5 AccruedInterestRate

The amount the buyer compensates the seller for the portion of the next coupon interest payment the seller has earned but will not receive from the issuer because the issuer will send the next coupon payment to the buyer. Accrued Interest Rate is the annualized Accrued Interest amount divided by the purchase price of the bond.

Type: **Percentage**

Used in groups: **TrdCapRptAckSideGrp, TrdCapRptSideGrp**

Used in messages: **AllocationInstruction, AllocationInstructionAlert, AllocationReport, Confirmation, ExecutionReport**

#### 170.2.6 AcctIDSource

Used to identify the source of the Account (1) code. This is especially useful if the account is a new account that the Respondent may not have setup yet in their system.

Type: **int**

Allowed values in AcctIDSourceCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
1	BIC	BIC
2	SIDCode	SID Code
3	TFM	TFM (GSPTA)
4	OMGEO	OMGEO (Alert ID)
5	DTCCCode	DTCC Code

---

Code	Name	Description
6	SPSAID	Special Segregated Account ID. Also referred to as SPSA ID. The Special Segregated Account identifier issued by Hong Kong Exchanges and Clearing.
99	Other	Other (custom or proprietary)

---

Used in groups: [BidCompReqGrp](#), [ListOrdGrp](#), [QuotReqGrp](#), [QuotReqRjctGrp](#), [SideCrossOrdModGrp](#), [TrdCapRptAckSideGrp](#), [TrdCapRptSideGrp](#)

Used in messages: [ExecutionReport](#), [MassOrder](#), [MassOrderAck](#), [MassQuote](#), [MassQuoteAck](#), [MultilegOrderCancelReplace](#), [NewOrderMultileg](#), [NewOrderSingle](#), [OrderCancelReject](#), [OrderCancelReplaceRequest](#), [OrderCancelRequest](#), [OrderMassStatusRequest](#), [OrderStatusRequest](#), [PositionMaintenanceReport](#), [PositionMaintenanceRequest](#), [PositionReport](#), [Quote](#), [QuoteCancel](#), [QuoteResponse](#), [QuoteStatusReport](#), [QuoteStatusRequest](#), [RegistrationInstructions](#), [RegistrationInstructionsResponse](#), [RequestForPositions](#), [RequestForPositionsAck](#)

#### **170.2.7 AccumulatedReturnModifiedVariationMargin**

The economic cost of the variation margin from one trading day to the next.

Type: [float](#)

Used in groups: [ClearingPriceParametersGrp](#)

#### **170.2.8 AdditionalDividendsIndicator**

Indicates whether additional dividends are applicable.

Type: [Boolean](#)

Used in components: [DividendConditions](#)

#### **170.2.9 AdditionalTermBondCouponFrequencyPeriod**

Time unit multiplier for the frequency of the bond's coupon payment.

Type: [int](#)

Used in groups: [AdditionalTermBondRefGrp](#)

**170.2.10 AdditionalTermBondCouponFrequencyUnit**

Time unit associated with the frequency of the bond's coupon payment.

Type: **String**

Allowed values in CouponFrequencyUnitCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
D	Day	Day
Wk	Week	Week
Mo	Month	Month
Yr	Year	Year
H	Hour	Hour
Min	Minute	Minute
S	Second	Second
T	Term	Term

---

Used in groups: **AdditionalTermBondRefGrp**

**170.2.11 AdditionalTermBondCouponRate**

Coupon rate of the bond. See also CouponRate(223).

Type: **Percentage**

Used in groups: **AdditionalTermBondRefGrp**

**170.2.12 AdditionalTermBondCouponType**

Coupon type of the bond.

Type: **int**

Allowed values in CouponTypeCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	Zero	Zero
1	FixedRate	Fixed rate

---

Code	Name	Description
2	FloatingRate	Floating rate
3	Structured	Structured

Used in groups: [AdditionalTermBondRefGrp](#)

### 170.2.13 AdditionalTermBondCurrency

Specifies the currency the bond value is denominated in. Uses ISO 4217 currency codes.

Type: [Currency](#)

Used in groups: [AdditionalTermBondRefGrp](#)

### 170.2.14 AdditionalTermBondCurrentTotalIssuedAmount

Total issued amount of the bond.

Type: [Amt](#)

Used in groups: [AdditionalTermBondRefGrp](#)

### 170.2.15 AdditionalTermBondDayCount

The day count convention used in interest calculations for a bond or an interest bearing security.

Type: [int](#)

Allowed values in CouponDayCountCodeSet:

Code	Name	Description
0	OneOne	1/1. If parties specify the Day Count Fraction to be 1/1 then in calculating the applicable amount, 1 is simply input into the calculation as the relevant Day Count Fraction. See also 2006 ISDA Definitions, Section 4.16. Day Count Fraction, paragraph (a).
1	ThirtyThreeSixtyUS	30/360 (30U/360 or Bond Basis). See also ISO 15022 MICO code 'A001'.

Code	Name	Description
2	ThirtyThreeSixtySIA	30/360 (SIA). A variant of "30/360" - when Date1 and Date2 are both Feb. 28th or 29th convert them to 30th using the same logic in the conversion of 31st to 30th.
3	ThirtyThreeSixtyM	30/360M. Commonly used day count convention for US mortgage backed securities. Feb 28th (or 29th in a leap year) is always considered as a 30th for a start date. As a comparison, in the regular 30/360 day count as used by most US agency and corporate bonds, a start date of Feb 28th (or 29th in a leap year) is still considered as the 28th (or 29th) day of a month of 30 days.
4	ThirtyEThreeSixty	30E/360 (Eurobond Basis). See also ISO 15022 MICO code 'A007'.
5	ThirtyEThreeSixtyISDA	30E/360 (ISDA). Date adjustment rules are: (1) if Date1 is the last day of the month, then change Date1 to 30; (2) if D2 is the last day of the month (unless Date2 is the maturity date and Date2 is in February), then change Date2 to 30. See also 2006 ISDA Definitions, Section 4.16. Day Count Fraction, paragraph (h).
6	ActThreeSixty	Act/360. See also ISO 15022 MICO code 'A004'.
7	ActThreeSixtyFiveFixed	Act/365 (FIXED). See also ISO 15022 MICO code 'A005'.
8	ActActAFB	Act/Act (AFB). See also ISO 15022 MICO code 'A010'.
9	ActActICMA	Act/Act (ICMA). See also ISO 15022 MICO code 'A006'.
10	ActActISMAUltimo	Act/Act (ICMA Ultimo). The Act/Act (ICMA Ultimo) differs from Act/Act (ICMA) method only that it assumes that regular coupons always fall on the last day of the month.
11	ActActISDA	Act/Act (ISDA). See also ISO 15022 MICO code 'A008'.
12	BusTwoFiftyTwo	BUS/252. Used for Brazilian Real swaps, which is based on business days instead of calendar days. The number of business days divided by 252.
13	ThirtyEPlusThreeSixty	30E+/360. Variation on 30E/360. Date adjustment rules: (1) If Date1 falls on the 31st, then change it to the 30th; (2) If Date2 falls on the 31st, then change it to 1 and increase Month2 by one, i.e. next month.
14	ActThreeSixtyFiveL	Act/365L. See also ISO 15022 MICO code 'A009'.
15	NLThreeSixtyFive	NL365. See also ISO 15022 MICO code 'A014'.
16	NLThreeSixty	NL360. This is the same as Act/360, with the exception of leap days (29th February) which are ignored.
17	Act364	Act/364. The actual number of days between Date1 and Date2, divided by 364.

<b>Code</b>	<b>Name</b>	<b>Description</b>
18	ThirtyThreeSixtyFive	30/365. Interest is calculated based on a 30-day month in a way similar to the 30/360 (basic rule) and a 365-day year. Accrued interest to a value date on the last day of a month shall be the same as to the 30th calendar day of the same month, except for February. This means that a 31 is assumed to be a 30 and the 28 February (or 29 February for a leap year) is assumed to be a 28 (or 29). See also ISO 15022 MICO code 'A002'.
19	ThirtyActual	30/Actual. Interest is calculated based on a 30-day month in a way similar to the 30/360 (basic rule) and the assumed number of days in a year in a way similar to the Actual/Actual (ICMA). Accrued interest to a value date on the last day of a month shall be the same as to the 30th calendar day of the same month, except for February. This means that a 31 is assumed to be a 30 and the 28 February (or 29 February for a leap year) is assumed to be a 28 (or 29). The assumed number of days in a year is computed as the actual number of days in the coupon period multiplied by the number of interest payments in the year. See also ISO 15022 MICO code 'A003'.
20	ThirtyThreeSixtyICMA	30/360 (ICMA or basis rule). Interest is calculated based on a 30-day month and a 360-day year. Accrued interest to a value date on the last day of a month shall be the same as to the 30 calendar day of the same month, except for February. This means that a 31 is assumed to be a 30 and the 28 February (or 29 February for a leap year) is assumed to be a 28 (or 29). It is the most commonly used 30/360 method for non-US straight and convertible bonds issued before 1 January 1999. See also ISO 15022 MICO code 'A011'.

Code	Name	Description
21	ThirtyETwoThreeSixty	30E2/360 (Eurobond basis model two). Interest is calculated based on a 30-day month and a 360-day year. Accrued interest to a value date on the last day of a month shall be the same as to the 30th calendar day of the same month, except for the last day of February whose day of the month value shall be adapted to the value of the first day of the interest period if the latter is higher and if the period is one of a regular schedule. This means that a 31 is assumed to be a 30 and the 28 February of a non-leap year is assumed to be equivalent to a 29 February when the first day of the interest period is a 29, or to a 30 February when the first day of the interest period is a 30 or a 31. The 29 February of a leap year is assumed to be equivalent to a 30 February when the first day of the interest period is a 30 or a 31. Similarly, if the coupon period starts on the last day of February, it is assumed to produce only one day of interest in February as if it was starting on a 30 February when the end of the period is a 30 or a 31, or two days of interest in February when the end of the period is a 29, or three days of interest in February when it is the 28 February of a non-leap year and the end of the period is before the 29. See also ISO 15022 MICO code 'A012'.
22	ThirtyEThreeThreeSixty	30E3/360 (Eurobond basis model three). Interest is calculated based on a 30-day month and a 360-day year. Accrued interest to a value date on the last day of a month shall be the same as to the 30th calendar day of the same month. This means that a 31 is assumed to be a 30 and the 28 February (or 29 February for a leap year) is assumed to be equivalent to a 30 February. It is a variation of the 30E/360 (or Eurobond basis) method where the last day of February is always assumed to be a 30, even if it is the last day of the maturity coupon period. See also ISO 15022 MICO code 'A013'.
99	Other	Other. For other day count method. See also ISO 15022 MICO code 'OTHR'.

Used in groups: [AdditionalTermBondRefGrp](#)

#### 170.2.16 AdditionalTermBondDesc

Description of the bond.

Type: [String](#)

Used in groups: [AdditionalTermBondRefGrp](#)



**170.2.17 AdditionalTermBondIssuer**

Issuer of the bond.

Type: **String**

Used in groups: **AdditionalTermBondRefGrp**

**170.2.18 AdditionalTermBondMaturityDate**

The maturity date of the bond.

Type: **LocalMktDate**

Used in groups: **AdditionalTermBondRefGrp**

**170.2.19 AdditionalTermBondParValue**

The par value of the bond.

Type: **Amt**

Used in groups: **AdditionalTermBondRefGrp**

**170.2.20 AdditionalTermBondRefGrp**

The AdditionalTermBondRefGrp is a repeating group subcomponent of the AdditionalTermGrp component used to identify an underlying reference bond for a swap.

---

<b>Name</b>	<b>Mult.</b>	<b>Type</b>	<b>Description</b>
<b>NoAdditionalTermBondRefs</b>	[1..1]	NumInGroup	
<b>AdditionalTermBondSecurityID</b>	[0..1]	String	Required if NoAdditionalTermBondRefs(40000) > 0.
<b>AdditionalTermBondSecurityIDSource</b>	[0..1]	CodeSet	Conditionally required when AdditionalTermBondSecurityID(40001) is specified.
<b>AdditionalTermBondDesc</b>	[0..1]	String	
<b>EncodedAdditionalTermBondDescLen</b>	[0..1]	Length	Must be set if EncodedAdditionalTermBondDesc(40005) field is specified and must immediately precede it.

---

Name	Mult.	Type	Description
EncodedAdditionalTermBondDesc	[0..1]	data	Encoded (non-ASCII characters) representation of the AdditionalTermBondDesc(40003) field in the encoded format specified via the MessageEncoding(347) field.
AdditionalTermBondCurrency	[0..1]	Currency	
AdditionalTermBondIssuer	[0..1]	String	
EncodedAdditionalTermBondIssuerLen	[0..1]	Length	Must be set if EncodedAdditionalTermBondIssuer(40009) field is specified and must immediately precede it.
EncodedAdditionalTermBondIssuer	[0..1]	data	Encoded (non-ASCII characters) representation of the AdditionalTermBondIssuer(40007) field in the encoded format specified via the MessageEncoding(347) field.
AdditionalTermBondSeniority	[0..1]	CodeSet	
AdditionalTermBondCouponType	[0..1]	CodeSet	
AdditionalTermBondCouponRate	[0..1]	Percentage	
AdditionalTermBondMaturityDate	[0..1]	LocalMktDate	
AdditionalTermBondParValue	[0..1]	Amt	
AdditionalTermBondCurrentTotals-suedAmount	[0..1]	Amt	
AdditionalTermBondCouponFrequencyPeriod	[0..1]	int	Conditionally required when AdditionalTermBondCouponFrequencyUnit(40017) is specified.
AdditionalTermBondCouponFrequencyUnit	[0..1]	CodeSet	Conditionally required when AdditionalTermBondCouponFrequencyPeriod(40016) is specified.
AdditionalTermBondDayCount	[0..1]	CodeSet	

Used in groups: [AdditionalTermGrp](#)

### 170.2.21 AdditionalTermBondSecurityID

Security identifier of the bond.

Type: [String](#)

Used in groups: [AdditionalTermBondRefGrp](#)

### 170.2.22 AdditionalTermBondSecurityIDSource

Identifies the source scheme of the AdditionalTermBondSecurityID(40001) value.

Type: **String**

Allowed values in SecurityIDSourceCodeSet:

Code	Name	Description
1	CUSIP	CUSIP
2	SEDOL	SEDOL
3	QUIK	QUIK
4	ISINNumber	ISIN
5	RICCode	RIC
6	ISOCurrencyCode	ISO Currency Code (ISO 4217)
7	ISOCountryCode	ISO Country Code
8	ExchangeSymbol	Exchange symbol
9	ConsolidatedTapeAssociation	Consolidated Tape Association (CTA) Symbol (SIAC CTS/CQS line format)
A	BloombergSymbol	Bloomberg Symbol
B	Wertpapier	Wertpapier
C	Dutch	Dutch
D	Valoren	Valoren
E	Sicovam	Sicovam
F	Belgian	Belgian
G	Common	"Common" (Clearstream and Euroclear)
H	ClearingHouse	Clearing house / Clearing organization
I	ISDAFpMLSpecification	ISDA/FpML product specification (XML in SecurityXML(1185))
J	OptionPriceReportingAuthority	Option Price Reporting Authority
K	ISDAFpMLURL	ISDA/FpML product URL (URL in SecurityID(48))
L	LetterOfCredit	Letter of credit
M	MarketplaceAssignedIdentifier	Marketplace-assigned Identifier
N	MarkitREDEntityCLIP	Markit RED entity CLIP
P	MarkitREDPairCLIP	Markit RED pair CLIP
Q	CFTCCommodityCode	CFTC commodity code
R	ISDACommodityReferencePrice	ISDA Commodity Reference Price

Code	Name	Description
S	FinancialInstrumentGlobalIdentifier	Financial Instrument Global Identifier. An Object Management Group (OMG) standard. Also referred to as FIGI. Formerly known as "Bloomberg Open Symbology BBGID".
T	LegalEntityIdentifier	Legal entity identifier
U	Synthetic	Synthetic. Used to specify that the security identifier is synthetic for linking nested underliers when there is no market identifier for the collection.
V	FidessaInstrumentMnemonic	Fidessa Instrument Mnemonic (FIM)
W	IndexName	Index name. Standard name of the index or rate index, e.g. "LIBOR" or "iTraxx Australia".
X	UniformSymbol	Uniform Symbol (UMTF Symbol)
Y	DigitalTokenIdentifier	Digital Token Identifier (ISO 24165)

Used in groups: [AdditionalTermBondRefGrp](#)

### 170.2.23 AdditionalTermBondSeniority

Specifies the bond's payment priority in the event of a default.

Type: [String](#)

Allowed values in SeniorityCodeSet:

Code	Name	Description
SD	SeniorSecured	Senior Secured
SR	Senior	Senior
SB	Subordinated	Subordinated
JR	Junior	Junior. In the context of MiFID II this value is used as identified in RTS 23 Annex I Table 3 Field 23 "Seniority of the bond".
MZ	Mezzanine	Mezzanine. In the context of MiFID II this value is used as identified in RTS 23 Annex I Table 3 Field 23 "Seniority of the bond".
SN	SeniorNonPreferred	Senior Non-Preferred. For CDS reference obligations of non-preferred senior debt issued by European Financials that constitute a layer of debt ranking between the bank's normal senior debt but above the bank's normal tier 2 subordinated debt (reference: ISDA Credit Market Infrastructure Group).

Used in groups: [AdditionalTermBondRefGrp](#)

#### **170.2.24 AdditionalTermConditionPrecedentBondIndicator**

Indicates whether the condition precedent bond is applicable. The swap contract is only valid if the bond is issued and if there is any dispute over the terms of fixed stream then the bond terms would be used.

Type: [Boolean](#)

Used in groups: [AdditionalTermGrp](#)

#### **170.2.25 AdditionalTermDiscrepancyClauseIndicator**

Indicates whether the discrepancy clause is applicable.

Type: [Boolean](#)

Used in groups: [AdditionalTermGrp](#)

#### **170.2.26 AdditionalTermGrp**

The [AdditionalTermGrp](#) is a repeating subcomponent of the Instrument component used to report additional contract terms.

---

<b>Name</b>	<b>Mult.</b>	<b>Type</b>	<b>Description</b>
<a href="#">NoAdditionalTerms</a>	[1..1]	NumInGroup	
<a href="#">AdditionalTermConditionPrecedent-BondIndicator</a>	[0..1]	Boolean	Required if <a href="#">NoAdditionalTerms(40019)</a> > 0.
<a href="#">AdditionalTermDiscrepancyClauseIndicator</a>	[0..1]	Boolean	
<a href="#">AdditionalTermBondRefGrp</a>	[0..*]	Group	

---

Used in components: [Instrument](#)

#### **170.2.27 Adjustment**

Identifies the type of adjustment.

Type: [int](#)

Allowed values in AdjustmentCodeSet:

Code	Name	Description
1	Cancel	Cancel
2	Error	Error
3	Correction	Correction

Used in messages: [SecurityMassStatus](#), [SecurityStatus](#)

### 170.2.28 AdjustmentType

Type of adjustment to be applied. Used for Position Change Submission (PCS), Position Adjustment (PAJ), and Customer Gross Margin (CGM).

Type: [int](#)

Allowed values in AdjustmentTypeCodeSet:

Code	Name	Description
0	ProcessRequestAsMarginDisposition	Process request as margin disposition
1	DeltaPlus	Delta plus
2	DeltaMinus	Delta minus
3	Final	Final
4	CustomerSpecificPosition	Customer specific position

Used in messages: [PositionMaintenanceReport](#), [PositionMaintenanceRequest](#)

### 170.2.29 AdvId

Unique identifier of advertisement message.

(Prior to FIX 4.1 this field was of type int)

Type: [String](#)

Used in messages: [Advertisement](#)

**170.2.30 AdvRefID**

Reference identifier used with CANCEL and REPLACE transaction types.

(Prior to FIX 4.1 this field was of type int)

Type: **String**

Used in messages: **Advertisement**

**170.2.31 AdvSide**

Broker's side of advertised trade

Type: **char**

Allowed values in AdvSideCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
B	Buy	Buy
S	Sell	Sell
T	Trade	Trade
X	Cross	Cross

---

Used in messages: **Advertisement**

**170.2.32 AdvTransType**

Identifies advertisement message transaction type

Type: **String**

Allowed values in AdvTransTypeCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
N	New	New
C	Cancel	Cancel
R	Replace	Replace

---

Used in messages: **Advertisement**

### 170.2.33 AffectedMarketSegmentGrp

List of market segments that have been affected by a mass action.

Name	Mult.	Type	Description
NoAffectedMarketSegments	[1..1]	NumInGroup	
AffectedMarketSegmentID	[0..1]	String	Required when NoAffectedMarketSegments(1791) > 0.

Used in messages: [OrderMassActionReport](#)

### 170.2.34 AffectedMarketSegmentID

Market segment within an affected market repeating segment group.

Type: [String](#)

Used in groups: [AffectedMarketSegmentGrp](#)

### 170.2.35 AffectedOrderID

OrderID(37) of an order affected by a mass cancel or mass action request.

Type: [String](#)

Used in groups: [AffectedOrdGrp](#)

### 170.2.36 AffectedOrdGrp

Name	Mult.	Type	Description
NoAffectedOrders	[1..1]	NumInGroup	
AffectedOrigCOrdID	[0..1]	String	Required if NoAffectedOrders(534) > 0. Indicates the client order id of an order affected by this request. If order(s) were manually delivered (or otherwise not delivered over FIX and not assigned a COrdID(11)) this field should contain string "MANUAL".



Name	Mult.	Type	Description
AffectedOrderID	[0..1]	String	Contains the OrderID(37) assigned by the counterparty of an affected order. Conditionally required when AffectedOrigClOrdID(1824) = "MANUAL".
AffectedSecondaryOrderID	[0..1]	String	Contains the SecondaryOrderID(198) assigned by the counterparty of an affected order.

Used in messages: [OrderMassActionReport](#), [OrderMassCancelReport](#)

#### 170.2.37 AffectedOrigClOrdID

OrigClOrdID(41) of an order affected by a mass cancel or mass action request.

Type: [String](#)

Used in groups: [AffectedOrdGrp](#)

#### 170.2.38 AffectedSecondaryOrderID

SecondaryOrderID(198) of an order affected by a mass cancel or mass action request.

Type: [String](#)

Used in groups: [AffectedOrdGrp](#)

#### 170.2.39 AffiliatedFirmsTradeIndicator

Indicates whether the transaction or position was entered into between two affiliated firms. I.e. one counterparty has an ownership interest in the other counterparty but less than the majority interest.

Type: [Boolean](#)

Used in messages: [ExecutionReport](#), [NewOrderSingle](#), [TradeCaptureReport](#)

#### 170.2.40 AffirmStatus

Specifies the affirmation status of the confirmation.

Type: [int](#)

Allowed values in AffirmStatusCodeSet:

---

Code	Name	Description
1	Received	Received
2	ConfirmRejected	Confirm rejected, i.e. not affirmed
3	Affirmed	Affirmed

---

Used in messages: [Confirmation](#), [ConfirmationAck](#)

#### 170.2.41 AggregatedBook

Specifies whether or not book entries should be aggregated. (Not specified) = broker option

Type: [Boolean](#)

Allowed values in AggregatedBookCodeSet:

---

Code	Name	Description
Y	BookEntriesToBeAggregated	book entries to be aggregated
N	BookEntriesShouldNotBeAggregated	book entries should not be aggregated

---

Used in messages: [MarketDataRequest](#)

#### 170.2.42 AggregatedQty

Total quantity of orders or fills quantity aggregated.

Type: [Qty](#)

Used in messages: [TradeAggregationReport](#), [TradeAggregationRequest](#)

#### 170.2.43 AggressorIndicator

Used to identify whether the order initiator is an aggressor or not in the trade.

Type: [Boolean](#)

Allowed values in AggressorIndicatorCodeSet:

Code	Name	Description
Y	OrderInitiatorIsAggressor	Order initiator is aggressor
N	OrderInitiatorIsPassive	Order initiator is passive

Used in components: [MDStatisticParameters](#)

Used in groups: [TrdCapRptAckSideGrp](#), [TrdCapRptSideGrp](#), [TrdMatchSideGrp](#)

Used in messages: [ExecutionReport](#)

#### 170.2.44 AggressorSide

Side of aggressive order or quote resulting in match event.

Type: [char](#)

Allowed values in SideCodeSet:

Code	Name	Description
1	Buy	Buy. For Securities Financing indicates the receipt of securities or collateral.
2	Sell	Sell. For Securities Financing indicates the delivery of securities or collateral.
3	BuyMinus	Buy minus
4	SellPlus	Sell plus
5	SellShort	Sell short
6	SellShortExempt	Sell short exempt
7	Undisclosed	Undisclosed
8	Cross	Cross (orders where counterparty is an exchange, valid for all messages except IOIs)
9	CrossShort	Cross short
A	CrossShortExempt	Cross short exempt
B	AsDefined	"As Defined" (for use with multileg instruments)
C	Opposite	"Opposite" (for use with multileg instruments)
D	Subscribe	Subscribe (e.g. CIV)
E	Redeem	Redeem (e.g. CIV)
F	Lend	Lend (FINANCING - identifies direction of collateral)
G	Borrow	Borrow (FINANCING - identifies direction of collateral)

Code	Name	Description
H	SellUndisclosed	Sell undisclosed. In the context of ESMA RTS 22, this allows for reporting of transactions where the investment firm (broker) is not able to determine whether the sell is a short sale transaction. Corresponds to RTS 22 "short selling indicator" value of 'UNDI'.

Used in groups: [MDFullGrp](#), [MDIncGrp](#)

### 170.2.45 AggressorTime

Timestamp of aggressive order or quote resulting in match event.

Type: [UTCTimestamp](#)

Used in groups: [MDFullGrp](#), [MDIncGrp](#)

### 170.2.46 AgreementCurrency

Contractual currency forming the basis of a financing agreement and associated transactions. Usually, but not always, the same as the trade currency.

Type: [Currency](#)

Used in components: [FinancingDetails](#)

### 170.2.47 AgreementCurrencyCodeSource

Identifies class or source of the AgreementCurrency(918) value.

Type: [String](#)

Allowed values in CurrencyCodeSourceCodeSet:

Code	Name	Description
1	CUSIP	CUSIP
2	SEDOL	SEDOL
4	ISINNumber	ISIN
6	ISOCurrencyCode	ISO Currency Code (ISO 4217)

Code	Name	Description
S	FinancialInstrumentGlobalIdentifier	Financial Instrument Global Identifier. An Object Management Group (OMG) standard. Also referred to as FIGI. Formerly known as "Bloomberg Open Symbology BBGID".
Y	DigitalTokenIdentifier	Digital Token Identifier (ISO 24165)

Used in components: [FinancingDetails](#)

#### **170.2.48 AgreementDate**

A reference to the date the underlying agreement specified by AgreementID and AgreementDesc was executed.

Type: [LocalMktDate](#)

Used in components: [FinancingDetails](#)

#### **170.2.49 AgreementDesc**

The full name of the base standard agreement, annexes and amendments in place between the principals applicable to a financing transaction. See <http://www.fpml.org/coding-scheme/master-agreement-type> for derivative values.

Type: [String](#)

Used in components: [FinancingDetails](#)

#### **170.2.50 AgreementID**

A common reference to the applicable standing agreement between the counterparties to a financing transaction.

Type: [String](#)

Used in components: [FinancingDetails](#)

#### **170.2.51 AgreementVersion**

The version of the master agreement

Type: **String**

Used in components: **FinancingDetails**

### 170.2.52 AlgorithmicTradeIndicator

Indicates that the order or trade originates from a computer program or algorithm requiring little-to-no human intervention.

Type: **int**

Allowed values in AlgorithmicTradeIndicatorCodeSet:

Code	Name	Description
0	NonAlgorithmicTrade	Non-algorithmic trade
1	AlgorithmicTrade	Algorithmic trade. In the context of ESMA MiFID II, a trade has to be flagged as "algorithmic" if at least one of the matched orders was submitted by a trading algorithm. See Directive 2014/65/EU Article 4(1)(39).

Used in groups: **MDFullGrp**, **MDIncGrp**

Used in messages: **ExecutionReport**, **TradeCaptureReport**

### 170.2.53 AllDividendsIndicator

Represents the European Master Confirmation value of 'All Dividends' which, when applicable, signifies that, for a given Ex-Date, the daily observed share price for that day is adjusted (reduced) by the cash dividend and/or the cash value of any non-cash dividend per share (including extraordinary dividends) declared by the issuer.

Type: **Boolean**

Used in components: **DividendConditions**

### 170.2.54 AllocAccount

Sub-account mnemonic

Type: **String**

Used in components: **SettlTradeDetails**

Used in groups: [AllocAckGrp](#), [AllocGrp](#), [PreAllocGrp](#), [PreAllocMlegGrp](#), [TrdAllocGrp](#)

Used in messages: [Confirmation](#), [ConfirmationRequest](#), [SettlementInstructionRequest](#)

### 170.2.55 AllocAccountType

Type of account associated with a confirmation or other trade-level message

Type: [int](#)

Allowed values in AllocAccountTypeCodeSet:

---

Code	Name	Description
1	CarriedCustomerSide	Account is carried on customer side of books
2	CarriedNonCustomerSide	Account is carried on non-customer side of books
3	HouseTrader	House trader
4	FloorTrader	Floor trader
6	CarriedNonCustomerSideCross-Margined	Account is carried on non-customer side of books and is cross margined
7	HouseTraderCrossMargined	Account is house trader and is cross margined
8	JointBackOfficeAccount	Joint back office account (JBO)

---

Used in messages: [Confirmation](#), [ConfirmationRequest](#)

### 170.2.56 AllocAccruedInterestAmt

Amount of Accrued Interest for convertible bonds and fixed income at the allocation-level.

Type: [Amt](#)

Used in groups: [AllocGrp](#)

### 170.2.57 AllocAcctIDSource

Used to identify the source of the AllocAccount (79) code.

See AcctIDSource (660) for valid values.

Type: [int](#)

Allowed values in AcctIDSourceCodeSet:

Code	Name	Description
1	BIC	BIC
2	SIDCode	SID Code
3	TFM	TFM (GSPTA)
4	OMGEO	OMGEO (Alert ID)
5	DTCCCode	DTCC Code
6	SPSAID	Special Segregated Account ID. Also referred to as SPSA ID. The Special Segregated Account identifier issued by Hong Kong Exchanges and Clearing.
99	Other	Other (custom or proprietary)

Used in groups: [AllocAckGrp](#), [AllocGrp](#), [PreAllocGrp](#), [PreAllocMlegGrp](#), [TrdAllocGrp](#)

Used in messages: [Confirmation](#), [ConfirmationRequest](#), [SettlementInstructionRequest](#)

### 170.2.58 AllocAckGrp

This repeating group is optionally used for messages with AllocStatus(87) = 2 (Account level reject), to provide details of the individual accounts that were accepted or rejected. In the case of a reject, the reasons for the rejection should be specified.

Name	Mult.	Type	Description
<a href="#">NoAllocs</a>	[1..1]	NumInGroup	Indicates number of allocation groups to follow.
<a href="#">AllocAccount</a>	[0..1]	String	Required if NoAllocs(78) > 0. Must be first field in repeating group.
<a href="#">AllocAcctIDSource</a>	[0..1]	CodeSet	
<a href="#">AllocPrice</a>	[0..1]	Price	Used when performing "executed price" vs. "average price" allocations (e.g. Japan). AllocAccount(79) plus AllocPrice(366) form a unique Allocs entry. Used in lieu of AllocAvgPx(153).
<a href="#">AllocPositionEffect</a>	[0..1]	CodeSet	
<a href="#">IndividualAllocID</a>	[0..1]	String	
<a href="#">ParentAllocID</a>	[0..1]	String	
<a href="#">FirmMnemonic</a>	[0..1]	String	
<a href="#">ClearedIndicator</a>	[0..1]	CodeSet	Used to communicate the status of central clearing workflow.



Name	Mult.	Type	Description
AllocLegRefID	[0..1]	String	The field may not be used in any message where there are no legs.
AllocRegulatoryTradeIDGrp	[0..*]	Group	
IndividualAllocRejCode	[0..1]	CodeSet	Required if NoAllocs(78) > 0 and AllocStatus(87) = 2 (Account level reject).
NestedParties	[0..*]	Group	
AllocHandlInst	[0..1]	CodeSet	
AllocText	[0..1]	String	Can be used here to hold text relating to the rejection of this AllocAccount(366)
EncodedAllocTextLen	[0..1]	Length	Must be set if EncodedAllocText(361) field is specified and must immediately precede it.
EncodedAllocText	[0..1]	data	Encoded (non-ASCII characters) representation of the AllocText(161) field in the encoded format specified via the MessageEncoding(347) field.
FirmAllocText	[0..1]	String	
EncodedFirmAllocTextLen	[0..1]	Length	Must be set if EncodedFirmAllocText(1734) field is specified and must immediately precede it.
EncodedFirmAllocText	[0..1]	data	Encoded (non-ASCII characters) representation of the FirmAllocText(1732) field in the encoded format specified via the MessageEncoding(347) field.
SecondaryIndividualAllocID	[0..1]	String	
AllocCustomerCapacity	[0..1]	String	
IndividualAllocType	[0..1]	CodeSet	
AllocQty	[0..1]	Qty	
AllocCalculatedCcyQty	[0..1]	Qty	
CustodialLotID	[0..1]	String	Only used for specific lot trades.
VersusPurchaseDate	[0..1]	LocalMktDate	Only used for specific lot trades. If this field is used, either VersusPurchasePrice(1754) or CurrentCostBasis(1755) should be specified.
VersusPurchasePrice	[0..1]	Price	Only used for specific lot trades. If this field is used, VersusPurchaseDate(1753) should be specified.
CurrentCostBasis	[0..1]	Amt	Only used for specific lot trades. If this field is used, VersusPurchaseDate(1753) should be specified
AllocAvgPxGroupID	[0..1]	String	

**AllocAvgPxIndicator** [0..1] CodeSet

---

Used in messages: [AllocationInstructionAck](#), [AllocationReportAck](#)

### 170.2.59 AllocationRollupInstruction

An indicator to override the normal procedure to roll up allocations for the same take-up firm.

Type: **int**

Allowed values in AllocationRollupInstructionCodeSet:

---

Code	Name	Description
0	Rollup	Roll up
1	DoNotRollUp	Do not roll up

---

Used in groups: [AllocGrp](#), [TrdAllocGrp](#)

### 170.2.60 AllocAvgPx

AvgPx (6) for a specific AllocAccount (79)

For Fixed Income this is always expressed as "percent of par" price type.

Type: **Price**

Used in groups: [AllocGrp](#)

### 170.2.61 AllocAvgPxGroupID

Used by submitting firm to group trades being sub-allocated into an average price group. The trades in the average price group will be used to calculate an average price for the group.

Type: **String**

Used in groups: [AllocAckGrp](#), [AllocGrp](#)

**170.2.62 AllocAvgPxIndicator**

Average pricing indicator at the allocation level.

Type: **int**

Allowed values in AvgPxIndicatorCodeSet:

Code	Name	Description
0	NoAveragePricing	No average pricing
1	Trade	Trade is part of an average price group identified by the AvgPxGroupID(1731)
2	LastTrade	Last trade of the average price group identified by the AvgPxGroupID(1731)
3	NotionalValueAveragePxGroupTrade	Trade is part of a notional value average price group. A notional value average price (NVAP) group is effectively closed and available for allocation as long as the NVAP of the group is non-zero.
4	AveragePricedTrade	Trade is average priced

Used in groups: **AllocAckGrp**, **AllocGrp**

**170.2.63 AllocCalculatedCcyQty**

Used for the calculated quantity of the other side of the currency trade applicable to the allocation instance.

Type: **Qty**

Used in groups: **AllocAckGrp**, **AllocGrp**, **TrdAllocGrp**

**170.2.64 AllocCancReplaceReason**

Reason for cancelling or replacing an Allocation Instruction or Allocation Report message

Type: **int**

Allowed values in AllocCancReplaceReasonCodeSet:

Code	Name	Description
1	OriginalDetailsIncomplete	Original details incomplete/incorrect
2	ChangeInUnderlyingOrderDetails	Change in underlying order details
3	CancelledByGiveupFirm	Cancelled by give-up firm
99	Other	Other

Used in messages: [AllocationInstruction](#), [AllocationInstructionAlert](#), [AllocationReport](#)

### 170.2.65 AllocClearingFeeIndicator

ClearingFeeIndicator(635) for Allocation, see ClearingFeeIndicator(635) for permitted values.

Type: [String](#)

Used in groups: [TrdAllocGrp](#)

### 170.2.66 AllocCommissionAmount

The commission amount.

Type: [Amt](#)

Used in groups: [AllocCommissionDataGrp](#)

### 170.2.67 AllocCommissionAmountShared

Commission amount to be shared with a third party, e.g. as part of a directed brokerage commission sharing arrangement. If specified, this amount should not exceed the amount in [AllocCommissionAmount\(2654\)](#).

Type: [Amt](#)

Used in groups: [AllocCommissionDataGrp](#)

### 170.2.68 AllocCommissionAmountSubType

Further sub classification of the [AllocCommissionAmountType\(2655\)](#).

Type: [int](#)

Allowed values in [CommissionAmountSubTypeCodeSet](#):

---

Code	Name	Description
0	ResearchPaymentAccount	Research payment account (RPA)
1	CommissionSharingAgreement	Commission sharing agreement (CSA)
2	OtherTypeResearchPayment	Other type of research payment. A type of research payment other than RPA or CSA.

---

Used in groups: [AllocCommissionDataGrp](#)

### 170.2.69 AllocCommissionAmountType

Indicates what type of commission is being expressed in AllocCommissionAmount(2654).

Type: [int](#)

Allowed values in CommissionAmountTypeCodeSet:

---

Code	Name	Description
0	Unspecified	Unspecified
1	Acceptance	Acceptance. The bank's charge for issuing a Letter of Credit.
2	Broker	Broker. The executing broker's commission.
3	ClearingBroker	Clearing broker. The clearing broker's commission.
4	Retail	Retail. Commission charged by or related to retail sales.
5	SalesCommission	Sales commission. The commission charged by the sales desk.
6	LocalCommission	Local commission. Commission paid to local broker in a cross-border transaction.
7	ResearchPayment	Research payment

---

Used in groups: [AllocCommissionDataGrp](#)

### 170.2.70 AllocCommissionBasis

Specifies the basis or unit used to calculate the commission.

Type: [char](#)

Allowed values in CommTypeCodeSet:

Code	Name	Description
1	PerUnit	Amount per unit. Implying shares, par, currency, physical unit etc. Use CommissionUnitOfMeasure(1238) to clarify for commodities.
2	Percent	Percent
3	Absolute	Absolute. Total monetary amount.
4	PercentageWaivedCashDiscount	Percentage waived, cash discount basis. For use with CIV buy orders.
5	PercentageWaivedEnhancedUnits	Percentage waived, enhanced units basis. For use with CIV buy orders.
6	PointsPerBondOrContract	Points per bond or contract. Specify ContractMultiplier(231) in the Instrument component if the security is denominated in a size other than the market convention, e.g. 1000 par for bonds.
7	BasisPoints	Basis points. The commission is expressed in basis points in reference to the gross price of the reference asset.
8	AmountPerContract	Amount per contract. Specify ContractMultiplier(231) in the Instrument component if the security is denominated in a size other than the market convention.

Used in groups: [AllocCommissionDataGrp](#)

### 170.2.71 AllocCommissionCurrency

Specifies the currency denomination of the commission amount if different from the trade's currency.

AllocCommissionCurrencyCodeSource(2925) may be used to disambiguate the code source scheme used, and ISO 4217 is the default scheme if absent.

Type: [Currency](#)

Used in groups: [AllocCommissionDataGrp](#)

### 170.2.72 AllocCommissionCurrencyCodeSource

Identifies class or source of the AllocCommissionCurrency(2657) value.

Type: [String](#)

Allowed values in CurrencyCodeSourceCodeSet:

Code	Name	Description
1	CUSIP	CUSIP
2	SEDOL	SEDOL
4	ISINNumber	ISIN
6	ISOCurrencyCode	ISO Currency Code (ISO 4217)
S	FinancialInstrumentGlobalIdentifier	Financial Instrument Global Identifier. An Object Management Group (OMG) standard. Also referred to as FIGI. Formerly known as "Bloomberg Open Symbology BBGID".
Y	DigitalTokenIdentifier	Digital Token Identifier (ISO 24165)

Used in groups: [AllocCommissionDataGrp](#)

### 170.2.73 AllocCommissionDataGrp

The AllocCommissionDataGrp component block is used to carry commission information such as the type of commission and the rate at the allocation level. It provides a means to express commission applicable for the specified allocation account.

Name	Mult.	Type	Description
NoAllocCommissions	[1..1]	NumInGroup	
AllocCommissionAmount	[0..1]	Amt	Required if NoAllocCommissions(2653) > 0. If the commission is based on a percentage of trade quantity or a factor of "unit of measure", AllocCommissionRate(2660) and AllocCommissionUnitOfMeasure(2658) may also be specified as appropriate.
AllocCommissionAmountType	[0..1]	CodeSet	Required if NoAllocCommissions(2653) > 0.
AllocCommissionAmountSubType	[0..1]	CodeSet	
AllocCommissionBasis	[0..1]	CodeSet	Required if NoAllocCommissions(2653) > 0.
AllocCommissionCurrency	[0..1]	Currency	
AllocCommissionCurrencyCodeSource	[0..1]	CodeSet	
AllocCommissionUnitOfMeasure	[0..1]	CodeSet	
AllocCommissionUnitOfMeasureCurrency	[0..1]	Currency	
AllocCommissionUnitOfMeasureCurrencyCodeSource	[0..1]	CodeSet	
AllocCommissionRate	[0..1]	float	

Name	Mult.	Type	Description
<a href="#">AllocCommissionSharedIndicator</a>	[0..1]	Boolean	
<a href="#">AllocCommissionAmountShared</a>	[0..1]	Amt	If specified, <a href="#">AllocCommissionSharedIndicator(2661)</a> must be set to "Y".
<a href="#">AllocCommissionLegRefID</a>	[0..1]	String	This field may be used for multi-leg trades sent as a single message to indicate that the entry applies only to a specific leg.
<a href="#">AllocCommissionDesc</a>	[0..1]	String	
<a href="#">EncodedAllocCommissionDescLen</a>	[0..1]	Length	Must be set if <a href="#">EncodedAllocCommissionDesc(2666)</a> is specified and must immediately precede it.
<a href="#">EncodedAllocCommissionDesc</a>	[0..1]	data	Encoded (non-ASCII characters) representation of the <a href="#">AllocCommissionDesc(2664)</a> field in the encoded format specified via the <a href="#">MessageEncoding(347)</a> field.

Used in groups: [AllocGrp](#), [TrdAllocGrp](#)

#### 170.2.74 [AllocCommissionDesc](#)

Description of the commission.

Type: [String](#)

Used in groups: [AllocCommissionDataGrp](#)

#### 170.2.75 [AllocCommissionLegRefID](#)

Identifies the leg of the trade the entry applies to by referencing the leg's [LegID\(1788\)](#).

Type: [String](#)

Used in groups: [AllocCommissionDataGrp](#)

#### 170.2.76 [AllocCommissionRate](#)

The commission rate when [AllocCommissionAmount\(2654\)](#) is based on a percentage of quantity, amount per unit or a factor of "unit of measure". If the rate is a percentage or expressed in basis points, use the decimalized form, e.g. "0.05" for a 5% commission or "0.005" for 50 basis points.



Type: **float**

Used in groups: **AllocCommissionDataGrp**

### **170.2.77 AllocCommissionSharedIndicator**

Indicates whether the amount in AllocCommissionAmount(2654) is to be shared with a third party, e.g. as part of a directed brokerage commission sharing arrangement.

Type: **Boolean**

Used in groups: **AllocCommissionDataGrp**

### **170.2.78 AllocCommissionUnitOfMeasure**

The commission rate unit of measure.

Type: **String**

Allowed values in UnitOfMeasureCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
Alw	Allowances	Allowances
Bcf	BillionCubicFeet	Billion cubic feet
Bbl	Barrels	Barrels. Equal to 42 US gallons
CBM	CubicMeters	Cubic Meters
BDFT	BoardFeet	Board feet. Equal to 144 cubic inches
GJ	Gigajoules	gigajoules
Bu	Bushels	Bushels
kHR	HeatRate	Heat rate. The number of BTUs required to produce one kilowatt hour of electricity, typically 3,412.14 BTUs per 1 kWh.
Ccy	Currency	Amount of currency
kWh	KilowattHours	Kilowatt hours
CDD	CoolingDegreeDay	Cooling degree day
MHR	MegaHeatRate	Mega heat rate. The number of million BTUs required to produce one megawatt hour of electricity, typically 3.41214 million BTUs per 1 MWh.
CER	CertifiedEmissionsReduction	Certified emissions reduction
MMBtu	OneMillionBTU	One Million BTU
CPD	CriticalPrecipDay	Critical precipitation day

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<b>Code</b>	<b>Name</b>	<b>Description</b>
MWh	MegawattHours	Megawatt hours
CRT	ClimateReserveTonnes	Climate reserve tonnes
thm	Therms	therms. Equal to 100,000 BTU
cwt	Hundredweight	Hundredweight(US). Equal to 100 lbs
tnCO2	TonsOfCarbonDioxide	Tons of carbon dioxide
day	Day	Days
dt	DryMetricTons	Dry metric tons
EnvAllwnc	EnvAllwncCert	Environmental allowance certificates
EnvCrd	EnvironmentalCredit	Environmental credit
EnvOfst	EnvironmentalOffset	Environmental Offset
g	Grams	Grams
Gal	Gallons	Gallons
GT	GrossTons	Gross tons. Also known as long tons or imperial tons, equal to 2240 lbs
HDD	HeatingDegreeDay	Heating degree day
IPNT	IndexPoint	Index point
kg	Kilograms	Kilograms
kL	Kiloliters	kiloliters
kW-a	KilowattYear	Kilowatt year (electrical capacity)
kW-d	KilowattDay	Kilowatt day (electrical capacity)
kW-h	KilowattHour	Kilowatt hour (electrical capacity)
kW-M	KilowattMonth	Kilowatt month (electrical capacity)
kW-min	KilowattMinute	Kilowatt-Minute (electrical capacity)
L	Liters	liters
lbs	Pounds	pounds
MW-a	MegawattYear	Megawatt year (electrical capacity)
MW-d	MegawattDay	Megawatt day (electrical capacity)
MW-h	MegawattHour	Megawatt hour (electrical capacity)
MW-M	MegawattMonth	Megawatt month (electrical capacity)
MW-min	MegawattMinute	Megawatt minute (electrical capacity)
oz_tr	TroyOunces	Troy ounces
PRINC	PrincipalWithRelationToDebtInstrument	Principal with relation to debt instrument
t	MetricTons	Metric tons. Also known as Tonnes, equal to 1000 kg
tn	Tons	Tons (US). Equal to 2000 lbs

<b>Code</b>	<b>Name</b>	<b>Description</b>
a	Are	Are
ac	Acre	Acre
cL	Centiliter	Centiliter
cM	Centimeter	Centimeter
DGE	DieselGallonEquivalent	Diesel gallon equivalent
ft	Foot	Foot
Gal_gb	GBGallon	GB Gallon
GGE	GasolineGallonEquivalent	Gasonline gallon equivalent
ha	Hectare	Hectare
in	Inch	Inch
kM	Kilometer	Kilometer
M	Meter	Meter
mi	Mile	Mile
mL	Milliliter	Milliliter
mM	Millimeter	Millimeter
oz	USOunce	US ounce
pc	Piece	Piece
pt	USPint	US Pint
pt_gb	GBPint	GB pint
qt	USQuart	US Quart
qt_gb	GBQuart	GB Quart
SqcM	SquareCentimeter	Square centimeter
Sqft	SquareFoot	Square foot
Sqin	SquareInch	Square inch
SqkM	SquareKilometer	Square kilometer
SqM	SquareMeter	Square meter
Sqmi	SquareMile	Square mile
SqmM	SquareMillimeter	Square millimeter
Sqyd	SquareYard	Square yard
yd	Yard	Yard
MMbbl	MillionBarrels	Million Barrels
USD	USDollars	US Dollars

Used in groups: [AllocCommissionDataGrp](#)

**170.2.79 AllocCommissionUnitOfMeasureCurrency**

Indicates the currency of the unit of measure. Conditionally required when AllocCommissionUnitOfMeasure(2658) = Ccy (Currency).

Type: **Currency**

Used in groups: **AllocCommissionDataGrp**

**170.2.80 AllocCommissionUnitOfMeasureCurrencyCodeSource**

Identifies class or source of the AllocCommissionUnitOfMeasureCurrency(2659) value.

Type: **String**

Allowed values in CurrencyCodeSourceCodeSet:

Code	Name	Description
1	CUSIP	CUSIP
2	SEDOL	SEDOL
4	ISINNumber	ISIN
6	ISOCurrencyCode	ISO Currency Code (ISO 4217)
S	FinancialInstrumentGlobalIdentifier	Financial Instrument Global Identifier. An Object Management Group (OMG) standard. Also referred to as FIGI. Formerly known as "Bloomberg Open Symbology BBGID".
Y	DigitalTokenIdentifier	Digital Token Identifier (ISO 24165)

Used in groups: **AllocCommissionDataGrp**

**170.2.81 AllocCustomerCapacity**

Capacity of customer in the allocation block.

Type: **String**

Used in groups: **AllocAckGrp, AllocGrp, TrdAllocGrp**

**170.2.82 AllocGrossTradeAmt**

Total amount traded for this account (i.e. quantity \* price) expressed in units of currency.

Type: **Amt**

Used in groups: **AllocGrp**

### **170.2.83 AllocGroupAmount**

Indicates the notional units or amount being allocated.

Type: **Amt**

Used in groups: **AllocGrp**

### **170.2.84 AllocGroupID**

Intended to be used by a central counterparty to assign an identifier to allocations of trades for the same instrument traded at the same price.

Type: **String**

Used in groups: **TrdCapRptAckSideGrp, TrdCapRptSideGrp**

Used in messages: **AllocationInstruction, AllocationInstructionAck, AllocationInstructionAlert, AllocationInstructionAlertRequest, AllocationReport, AllocationReportAck**

### **170.2.85 AllocGroupQuantity**

Indicates the total quantity of an allocation group. Includes any allocated quantity.

Type: **Qty**

Used in messages: **AllocationInstructionAlert, AllocationReport**

### **170.2.86 AllocGroupRemainingQuantity**

Indicates the remaining quantity of an allocation group that has not yet been allocated.

Type: **Qty**

Used in messages: **AllocationInstructionAlert, AllocationReport**

**170.2.87 AllocGroupRemainingSubQty**

Remaining quantity in the subgroup of an allocation group.

Type: Qty

Used in groups: AllocGroupSubQtyGrp

**170.2.88 AllocGroupStatus**

Status of the trade give-up relative to the group identified in AllocGroupID(1730).

Type: int

Allowed values in AllocGroupStatusCodeSet:

---

Code	Name	Description
0	Added	Added. This trade has been associated with the group for the first time.
1	Canceled	Canceled. This trade has been removed from the group.
2	Replaced	Replaced. This trade already in the group has been updated.
3	Changed	Changed. An allocated trade or give-up has moved from one allocation group to another.
4	Pending	Pending. A request to assign or change an allocation group is pending.

---

Used in groups: TrdCapRptAckSideGrp, TrdCapRptSideGrp

Used in messages: AllocationReport

**170.2.89 AllocGroupSubQty**

Total quantity in the subgroup of an allocation group.

Type: Qty

Used in groups: AllocGroupSubQtyGrp

**170.2.90 AllocGroupSubQtyAttributeGrp**

This repeating group is used to identify attributes of trades in subgroups of an average pricing group.

Name	Mult.	Type	Description
NoAllocGroupSubQtyAttributes	[1..1]	NumInGroup	
AllocGroupSubQtyType	[0..1]	CodeSet	Required if NoAllocGroupSubQtyAttributes (2979) > 0.
AllocGroupSubQtyValue	[0..1]	String	Required if NoAllocGroupSubQtyAttributes (2979) > 0.

Used in groups: [AllocGroupSubQtyGrp](#)

### 170.2.91 AllocGroupSubQtyGrp

This repeating group is used to identify subgroups of an average pricing group. The total and remaining quantities of the average pricing group are split into sub-quantities based on trade attributes.

Name	Mult.	Type	Description
NoAllocGroupSubQtys	[1..1]	NumInGroup	
AllocGroupSubQty	[0..1]	Qty	Required if NoAllocGroupSubQtys(2975) > 0.
AllocGroupSubQtyOffset	[0..1]	Qty	
AllocGroupRemainingSubQty	[0..1]	Qty	
AllocGroupSubQtyID	[0..1]	String	Conditionally required if AllocGroupSubQtyAttributeGrp is not present.
AllocGroupSubQtyAttributeGrp	[0..*]	Group	Conditionally required if AllocGroupSubQtyID(2974) is not present.

Used in messages: [AllocationInstructionAlert](#)

### 170.2.92 AllocGroupSubQtyID

Identifier for quantity subgroup assigned by the clearinghouse.

Type: [String](#)

Used in groups: [AllocGroupSubQtyGrp](#)

Used in messages: [AllocationInstruction](#)

**170.2.93 AllocGroupSubQtyOffset**

Change in quantity in the subgroup of an allocation group.

Type: **Qty**

Used in groups: **AllocGroupSubQtyGrp**

**170.2.94 AllocGroupSubQtyType**

Type of trade attribute defining a subgroup in an allocation group.

Type: **int**

Allowed values in AllocGroupSubQtyTypeCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
1	TradeType	Trade type
2	TradePublicationIndicator	Trade publication indicator
3	OrderHandlingInstruction	Order handling instruction

---

Used in groups: **AllocGroupSubQtyAttributeGrp**

**170.2.95 AllocGroupSubQtyValue**

Value of the trade attribute defining a subgroup in an allocation group.

Type: **String**

Used in groups: **AllocGroupSubQtyAttributeGrp**

**170.2.96 AllocGrp**

This repeating group is optionally used for messages with AllocStatus(87) = 2 (account level reject), AllocStatus(87) = 0 (accepted), to provide details of the individual accounts that were accepted or rejected. In the case of a reject, the reasons for the rejection should be specified. This group should not be populated where AllocStatus(87) has any other value.



Name	Mult.	Type	Description
NoAllocs	[1..1]	NumInGroup	
AllocAccount	[0..1]	String	May specify the broker of credit if ProcessCode(81) is step-out or soft-dollar step-out and Institution does not wish to disclose individual account breakdowns to the executing broker. Required if NoAllocs(78) > 0. Must be first field in repeating group. Conditionally required except when for AllocTransType(71) = 2 (Cancel), or when AllocType(626) = 5 (Ready-To-Book single order) or 7 (Warehouse instruction).
AllocAcctIDSource	[0..1]	CodeSet	
MatchStatus	[0..1]	CodeSet	
AllocPrice	[0..1]	Price	Used when performing "executed price" vs. "average price" allocations (e.g. Japan). AllocAccount(79) plus AllocPrice(366) form a unique Allocs entry. Used in lieu of AllocAvgPx(153).
AllocQty	[0..1]	Qty	Conditionally required except when for AllocTransType="Cancel", or when AllocType="Ready-To-Book" or "Warehouse instruction".
AllocCalculatedCcyQty	[0..1]	Qty	
CustodialLotID	[0..1]	String	Only used for specific lot trades.
VersusPurchaseDate	[0..1]	LocalMktDate	Only used for specific lot trades. If this field is used, either VersusPurchasePrice(1754) or CurrentCostBasis(1755) should be specified.
VersusPurchasePrice	[0..1]	Price	Only used for specific lot trades. If this field is used, VersusPurchaseDate(1753) should be specified.
CurrentCostBasis	[0..1]	Amt	Only used for specific lot trades. If this field is used, VersusPurchaseDate(1753) should be specified
IndividualAllocID	[0..1]	String	
FirmMnemonic	[0..1]	String	Allocation identifier assigned by the Firm submitting the allocation for an individual allocation instruction (as opposed to the overall message level identifier).
ParentAllocID	[0..1]	String	
AllocLegRefID	[0..1]	String	The field may not be used in any message where there are no legs.
AllocRegulatoryTradeIDGrp	[0..*]	Group	

Name	Mult.	Type	Description
ProcessCode	[0..1]	CodeSet	
SecondaryIndividualAllocID	[0..1]	String	Can be used by an intermediary to specify an allocation ID assigned by the intermediary's system.
AllocMethod	[0..1]	CodeSet	Specifies the method under which a trade quantity was allocated.
AllocationRollupInstruction	[0..1]	CodeSet	An indicator to override the normal procedure to roll up allocations for the same Carry Firm.
AllocCustomerCapacity	[0..1]	String	Can be used for granular reporting of separate allocation detail within a single trade report or allocation message.
AllocPositionEffect	[0..1]	CodeSet	
IndividualAllocType	[0..1]	CodeSet	
NestedParties	[0..*]	Group	Insert here the set of "Nested Parties" (firm identification "nested" within additional repeating group) fields defined in "Common Components of Application Messages". Used for NestedPartyRole=BrokerOfCredit, ClientID, Settlement location (PSET), etc. Note: this field can be used for settlement location (PSET) information.
NotifyBrokerOfCredit	[0..1]	CodeSet	
AllocHandlInst	[0..1]	CodeSet	
AllocText	[0..1]	String	Free format text field related to this AllocAccount
EncodedAllocTextLen	[0..1]	Length	Must be set if EncodedAllocText field is specified and must immediately precede it.
EncodedAllocText	[0..1]	data	Encoded (non-ASCII characters) representation of the AllocText field in the encoded format specified via the MessageEncoding field.
FirmAllocText	[0..1]	String	
EncodedFirmAllocTextLen	[0..1]	Length	
EncodedFirmAllocText	[0..1]	data	
CommissionData	[0..1]	Component	
AllocCommissionDataGrp	[0..*]	Group	Use as an alternative to CommissionData component if multiple commissions or enhanced attributes are needed.

Name	Mult.	Type	Description
AllocAvgPx	[0..1]	Price	AvgPx for this AllocAccount. For F/X orders, should be the "all-in" rate (spot rate adjusted for forward points) for this allocation, expressed in terms of Currency(15). For Fixed Income always express value as "percent of par".
AllocNetMoney	[0..1]	Amt	NetMoney for this AllocAccount. $((AllocQty * AllocAvgPx) - Commission - \text{sum of MiscFeeAmt} + \text{AccruedInterestAmt})$ if a Sell. $((AllocQty * AllocAvgPx) + Commission + \text{sum of MiscFeeAmt} + \text{AccruedInterestAmt})$ if a Buy. For FX, if specified, expressed in terms of Currency(15).
SettlCurrAmt	[0..1]	Amt	Replaced by AllocSettlCurrAmt
AllocGrossTradeAmt	[0..1]	Amt	
AllocSettlCurrAmt	[0..1]	Amt	AllocNetMoney in AllocSettlCurrency for this AllocAccount if AllocSettlCurrency is different from "overall" Currency
SettlCurrency	[0..1]	Currency	Replaced by AllocSettlCurrency. SettlCurrency for this AllocAccount if different from "overall" Currency. Required if SettlCurrAmt is specified.
AllocSettlCurrency	[0..1]	Currency	AllocSettlCurrency for this AllocAccount if different from "overall" Currency. Required if AllocSettlCurrAmt is specified. Required for NDFs.
AllocSettlCurrencyCodeSource	[0..1]	CodeSet	
SettlCurrFxRate	[0..1]	float	Foreign exchange rate used to compute AllocSettlCurrAmt from Currency to AllocSettlCurrency
SettlCurrFxRateCalc	[0..1]	CodeSet	Specifies whether the SettlCurrFxRate should be multiplied or divided
AllocAccruedInterestAmt	[0..1]	Amt	Applicable for Convertible Bonds and fixed income
AllocInterestAtMaturity	[0..1]	Amt	Applicable for securities that pay interest in lump-sum at maturity
MiscFeesGrp	[0..*]	Group	
ClrInstGrp	[0..*]	Group	
ClearingFeeIndicator	[0..1]	CodeSet	
AllocSettlInstType	[0..1]	CodeSet	Used to indicate whether settlement instructions are provided on this message, and if not, how they are to be derived. Absence of this field implies use of default instructions.

Name	Mult.	Type	Description
SettlInstructionsData	[0..1]	Component	Insert here the set of "SettlInstructionsData" fields defined in "Common Components of Application Messages". Used to communicate settlement instructions for this AllocAccount detail. Required if AllocSettlInstType = 2 or 3.
AllocRefRiskLimitCheckID	[0..1]	String	Conditionally required when AllocRefRiskLimitCheckIDType(2393) is specified.
AllocRefRiskLimitCheckIDType	[0..1]	CodeSet	Conditionally required when AllocRefRiskLimitCheckID(2392) is specified.
AllocRiskLimitCheckStatus	[0..1]	CodeSet	
AllocGroupAmount	[0..1]	Amt	
AllocAvgPxGroupID	[0..1]	String	
AllocAvgPxIndicator	[0..1]	CodeSet	
TradeAllocAmtGrp	[0..*]	Group	

Used in messages: [AllocationInstruction](#), [AllocationInstructionAlert](#), [AllocationReport](#)

### 170.2.97 AllocHandlInst

Indicates how the receiver (i.e. third party) of allocation information should handle/process the account details.

Type: [int](#)

Allowed values in AllocHandlInstCodeSet:

Code	Name	Description
1	Match	Match
2	Forward	Forward
3	ForwardAndMatch	Forward and Match
4	AutoClaimGiveUp	Auto claim give-up. Indicates that the give-up and take-up party are the same and that trade give-up is to be claimed automatically.

Used in groups: [AllocAckGrp](#), [AllocGrp](#), [PreAllocGrp](#), [TrdAllocGrp](#)

**170.2.98 AllocID**

Unique identifier for allocation message.

(Prior to FIX 4.1 this field was of type int)

Type: **String**

Used in components: **SettlTradeDetails**

Used in groups: **ListOrdGrp, SideCrossOrdModGrp, TrdCapRptAckSideGrp, TrdCapRptSideGrp, TrdMatchSideGrp**

Used in messages: **AllocationInstruction, AllocationInstructionAck, AllocationInstructionAlert, AllocationReport, AllocationReportAck, Confirmation, ConfirmationRequest, ExecutionReport, MultilegOrderCancelReplace, NewOrderMultileg, NewOrderSingle, OrderCancelReplaceRequest**

**170.2.99 AllocInterestAtMaturity**

Amount of interest (i.e. lump-sum) at maturity at the account-level.

Type: **Amt**

Used in groups: **AllocGrp**

**170.2.100 AllocIntermedReqType**

Response to allocation to be communicated to a counterparty through an intermediary, i.e. clearing house. Used in conjunction with AllocType = "Request to Intermediary" and AllocReportType = "Request to Intermediary"

Type: **int**

Allowed values in AllocIntermedReqTypeCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
1	PendingAccept	Pending Accept
2	PendingRelease	Pending Release
3	PendingReversal	Pending Reversal
4	Accept	Accept
5	BlockLevelReject	Block Level Reject
6	AccountLevelReject	Account Level Reject

---

Used in messages: [AllocationInstruction](#), [AllocationInstructionAck](#), [AllocationInstructionAlert](#), [AllocationReport](#), [AllocationReportAck](#)

### 170.2.101 AllocLegRefID

Unique identifier for a specific leg (uniqueness not defined as part of the FIX specification). AllocLegRefID(2727) references the value from LegID(1788) in the current multileg order or trade message specifying to which leg the allocation instance applies.

Type: [String](#)

Used in groups: [AllocAckGrp](#), [AllocGrp](#), [PreAllocGrp](#), [PreAllocMlegGrp](#), [TrdAllocGrp](#)

### 170.2.102 AllocLinkID

Can be used to link two different Allocation messages (each with unique AllocID (70)) together, i.e. for F/X "Netting" or "Swaps". Should be unique.

Type: [String](#)

Used in messages: [AllocationInstruction](#), [AllocationInstructionAlert](#), [AllocationReport](#)

### 170.2.103 AllocLinkType

Identifies the type of Allocation linkage when AllocLinkID(196) is used.

Type: [int](#)

Allowed values in AllocLinkTypeCodeSet:

---

Code	Name	Description
0	FXNetting	FX Netting
1	FXSwap	FX Swap

---

Used in messages: [AllocationInstruction](#), [AllocationInstructionAlert](#), [AllocationReport](#)

### 170.2.104 AllocMethod

Specifies the method under which a trade quantity was allocated.

Type: **int**

Allowed values in AllocMethodCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
1	Automatic	Automatic
2	Guarantor	Guarantor
3	Manual	Manual
4	BrokerAssigned	Broker assigned

---

Used in groups: **AllocGrp**, **TrdAllocGrp**

### **170.2.105 AllocNetMoney**

NetMoney(118) for a specific AllocAccount(79).

Type: **Amt**

Used in groups: **AllocGrp**

### **170.2.106 AllocNoOrdersType**

Indicates how the orders being booked and allocated by an AllocationInstruction or AllocationReport message are identified, e.g. by explicit definition in the OrdAllocGrp or ExecAllocGrp components, or not identified explicitly.

Type: **int**

Allowed values in AllocNoOrdersTypeCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	NotSpecified	Not specified
1	ExplicitListProvided	Explicit list provided

---

Used in messages: **AllocationInstruction**, **AllocationInstructionAlert**, **AllocationReport**

**170.2.107 AllocPositionEffect**

Indicates whether the resulting position after a trade should be an opening position or closing position. Used for omnibus accounting - where accounts are held on a gross basis instead of being netted together.

Type: **char**

Allowed values in AllocPositionEffectCodeSet:

Code	Name	Description
O	Open	Open
C	Close	Close
R	Rolled	Rolled
F	FIFO	FIFO

Used in groups: **AllocAckGrp**, **AllocGrp**

**170.2.108 AllocPrice**

Executed price for an AllocAccount (79) entry used when using "executed price" vs. "average price" allocations (e.g. Japan).

Type: **Price**

Used in groups: **AllocAckGrp**, **AllocGrp**

**170.2.109 AllocQty**

Quantity to be allocated to specific sub-account

(Prior to FIX 4.2 this field was of type int)

Type: **Qty**

Used in components: **SettlTradeDetails**

Used in groups: **AllocAckGrp**, **AllocGrp**, **PreAllocGrp**, **PreAllocMlegGrp**, **TrdAllocGrp**

Used in messages: **Confirmation**



**170.2.110 AllocRefRiskLimitCheckID**

The reference identifier to the PartyRiskLimitCheckRequest(35=DF), or a similar out of band message, message that contained the approval or rejection for risk/credit limit check for this allocation.

Type: **String**

Used in groups: **AllocGrp, TrdAllocGrp**

**170.2.111 AllocRefRiskLimitCheckIDType**

Specifies which type of identifier is specified in AllocRefRiskLimitCheckID(2392) field.

Type: **int**

Allowed values in RefRiskLimitCheckIDTypeCodeSet:

Code	Name	Description
0	RiskLimitRequestID	RiskLimitRequestID(1666)
1	RiskLimitCheckID	RiskLimitCheckID(2319)
3	OutOfBandID	Out of band identifier

Used in groups: **AllocGrp, TrdAllocGrp**

**170.2.112 AllocRegulatoryLegRefID**

Identifies the leg of the trade the entry applies to by referencing the leg's LegID(1788).

Type: **String**

Used in groups: **AllocRegulatoryTradeIDGrp**

**170.2.113 AllocRegulatoryTradeID**

Trade identifier required by government regulators or other regulatory organizations for regulatory reporting purposes. For example, unique swap identifier (USI) as required by the U.S. Commodity Futures Trading Commission.

Type: **String**

Used in groups: **AllocRegulatoryTradeIDGrp**

### 170.2.114 AllocRegulatoryTradeIDEvent

Identifies the event which caused the origination of the identifier in AllocRegulatoryTradeID(1909). When more than one event is the cause, use the higher enumeration value. For example, if the identifier is originated due to an allocated trade which was cleared and reported, use the enumeration value 2(Clearing).

Type: **int**

Allowed values in RegulatoryTradeIDEventCodeSet:

Code	Name	Description
0	InitialBlockTrade	Initial block trade.
1	Allocation	Allocation. Determination that the block trade will not be further allocated.
2	Clearing	Clearing
3	Compression	Compression
4	Novation	Novation
5	Termination	Termination
6	PostTrdVal	Post-trade valuation

Used in groups: **AllocRegulatoryTradeIDGrp**

### 170.2.115 AllocRegulatoryTradeIDGrp

The AllocRegulatoryTradeIDGrp is a repeating component within the TrdAllocGrp component used to report the source, value and relationship of multiple trade identifiers for the same trade allocation instance.

This component can be used to meet regulatory trade reporting requirements where identifiers such as the Unique Swaps Identifier (USI) are required to be reported, showing the chaining of these identifiers as needed.

Name	Mult.	Type	Description
NoAllocRegulatoryTradeIDs	[1..1]	NumInGroup	
AllocRegulatoryTradeID	[0..1]	String	Required if NoAllocRegulatoryTradeIDs(1908) > 0.
AllocRegulatoryTradeIDSource	[0..1]	CodeSet	
AllocRegulatoryTradeIDEvent	[0..1]	CodeSet	

Name	Mult.	Type	Description
<a href="#">AllocRegulatoryTradeIDType</a>	[0..1]	CodeSet	
<a href="#">AllocRegulatoryLegRefID</a>	[0..1]	String	This field may be is used for multi-leg trades sent as a single message to indicate that the entry applies only to a specific leg.
<a href="#">AllocRegulatoryTradeIDScope</a>	[0..1]	CodeSet	

Used in groups: [AllocAckGrp](#), [AllocGrp](#), [TrdAllocGrp](#)

### 170.2.116 AllocRegulatoryTradeIDScope

Specifies the scope to which the [AllocRegulatoryTradeID\(1909\)](#) applies. Used when a trade must be assigned more than one identifier, e.g. one for the clearing member and another for the client on a cleared trade as with the principal model in Europe.

Type: [int](#)

Allowed values in [RegulatoryTradeIDScopeCodeSet](#):

Code	Name	Description
1	ClearingMember	Clearing member
2	Client	Client

Used in groups: [AllocRegulatoryTradeIDGrp](#)

### 170.2.117 AllocRegulatoryTradeIDSource

Identifies the reporting entity that originated the value in [RegulatoryTradeID\(1903\)](#). The reporting entity identifier may be assigned by a regulator or from a supported standard identifier source scheme.

Type: [String](#)

Allowed values in [RegulatoryTradeIDSourceCodeSet](#):

Code	Name	Description
1	UniqueTransactionIdentifier	Unique Transaction Identifier (ISO 23897)

Used in groups: [AllocRegulatoryTradeIDGrp](#)

**170.2.118 AllocRegulatoryTradeIDType**

Specifies the type of trade identifier provided in AllocRegulatoryTradeID(1909), within the context of the hierarchy of trade events.

Type: **int**

Allowed values in RegulatoryTradeIDTypeCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	Current	Current. The default if not specified.
1	Previous	Previous. The previous trade's identifier when reporting a cleared trade or novation of a previous trade.
2	Block	Block. The block trade's identifier when reporting an allocated subtrade.
3	Related	Related. The related trade identifier when reporting a mixed swap.
4	ClearedBlockTrade	Cleared block trade. Assigned by the CCP to a bunched order/trade when it needs to be cleared with the standby clearing firm prior to post-trade allocation.
5	TradingVenueTransactionIdentifier	Trading venue transaction identifier. Assigned by the trading venue to a transaction. In the context of ESMA RTS 22 and RTS 24, this is a unique transaction identification "number generated by trading venues and disseminated to both the buying and selling parties in accordance with Article 12 of [RTS 24 on the maintenance of relevant data relating to orders in financial instruments under Article 25 of Regulation 600/2014 EU]." (quoted text from RTS 22). "Uniqueness" may be defined per relevant regulations.
6	ReportTrackingNumber	Report tracking number. In the context of EMIR Refit this is a "unique code assigned to the execution of an order and common for a group of reports related to the same execution" (see Q28 in <a href="https://www.esma.europa.eu/sites/default/files/library/esma74-362-2281_final_report_guidelines_emir_refit.pdf">https://www.esma.europa.eu/sites/default/files/library/esma74-362-2281_final_report_guidelines_emir_refit.pdf</a> ). Also referred to as the RTN.

---

Used in groups: **AllocRegulatoryTradeIDGrp**

**170.2.119 AllocRejCode**

Identifies reason for rejection.

Type: **int**

Allowed values in AllocRejCodeCodeSet:

Code	Name	Description
0	UnknownAccount	Unknown or missing account(s)
1	IncorrectQuantity	Incorrect or missing block quantity
2	IncorrectAveragePrice	Incorrect or missing average price
3	UnknownExecutingBrokerMnemonic	Unknown executing broker mnemonic
4	CommissionDifference	Incorrect or missing commission
5	UnknownOrderID	Unknown OrderID(37)
6	UnknownListID	Unknown ListID(66)
7	OtherSeeText	Other (further in Text (58))
8	IncorrectAllocatedQuantity	Incorrect or missing allocated quantity
9	CalculationDifference	Calculation difference
10	UnknownOrStaleExecID	Unknown or Stale ExecID(17)
11	MismatchedData	Mismatched data
12	UnknownClOrdID	Unknown ClOrdID(11)
13	WarehouseRequestRejected	Warehouse request rejected
14	DuplicateOrMissingIndividualAllocID	Duplicate or missing IndividualAllocID(467)
15	TradeNotRecognized	Trade not recognized
16	DuplicateTrade	Trade previously allocated
17	IncorrectOrMissingInstrument	Incorrect or missing instrument
18	IncorrectOrMissingSettlDate	Incorrect or missing settlement date
19	IncorrectOrMissingFundIDOrFund-Name	Incorrect or missing fund ID or fund name
20	IncorrectOrMissingSettlInstructions	Incorrect or missing settlement instructions
21	IncorrectOrMissingFees	Incorrect or missing fees
22	IncorrectOrMissingTax	Incorrect or missing tax
23	UnknownOrMissingParty	Unknown or missing party
24	IncorrectOrMissingSide	Incorrect or missing side
25	IncorrectOrMissingNetMoney	Incorrect or missing net-money
26	IncorrectOrMissingTradeDate	Incorrect or missing trade date
27	IncorrectOrMissingSettlCcyInstructions	Incorrect or missing settlement currency instructions
28	IncorrectOrMissingProcessCode	Incorrrect or missing ProcessCode(81)
99	Other	Other. Use Text(58) for further reject reasons.

Used in messages: [AllocationInstructionAck](#), [AllocationReport](#), [AllocationReportAck](#)

### **170.2.120 AllocReportID**

Unique identifier for Allocation Report message.

Type: [String](#)

Used in messages: [AllocationReport](#), [AllocationReportAck](#)

### **170.2.121 AllocReportRefID**

Reference identifier to be used with AllocTransType (7) = Replace or Cancel

Type: [String](#)

Used in messages: [AllocationReport](#)

### **170.2.122 AllocReportType**

Describes the specific type or purpose of an Allocation Report message

Type: [int](#)

Allowed values in AllocReportTypeCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
2	PreliminaryRequestToIntermediary	Preliminary request to intermediary
3	SellsideCalculatedUsingPreliminary	Sellside calculated using preliminary (includes MiscFees and NetMoney)
4	SellsideCalculatedWithoutPreliminary	Sellside calculated without preliminary (sent unsolicited by sellside, includes MiscFees and NetMoney)
5	WarehouseRecap	Warehouse recap
8	RequestToIntermediary	Request to intermediary
9	Accept	Accept
10	Reject	Reject
11	AcceptPending	Accept Pending
12	Complete	Complete
14	ReversePending	Reverse Pending
15	Giveup	Give-up

---

---

Code	Name	Description
16	Takeup	Take-up
17	Reversal	Reversal
18	Alleged	Alleged reversal
19	SubAllocationGiveup	Sub-allocation give-up

---

Used in messages: [AllocationReport](#), [AllocationReportAck](#)

#### 170.2.123 AllocRequestID

Unique identifier for the request message.

Type: [String](#)

Used in messages: [AllocationInstruction](#), [AllocationInstructionAck](#), [AllocationInstructionAlert](#), [AllocationInstructionAlertRequest](#), [AllocationInstructionAlertRequestAck](#), [AllocationReport](#), [AllocationReportAck](#)

#### 170.2.124 AllocRequestStatus

Status of the [AllocationInstructionAlertRequest\(35=DU\)](#).

Type: [int](#)

Allowed values in [AllocRequestStatusCodeSet](#):

---

Code	Name	Description
0	Accepted	Accepted
1	Rejected	Rejected

---

Used in messages: [AllocationInstructionAlertRequestAck](#)

#### 170.2.125 AllocReversalStatus

Identifies the status of a reversal transaction.

Type: [int](#)

Allowed values in [AllocReversalStatusCodeSet](#):

Code	Name	Description
0	Completed	Completed
1	Refused	Refused
2	Cancelled	Cancelled

---

Used in messages: [AllocationReport](#)

### 170.2.126 AllocRiskLimitCheckStatus

Indicates the status of the risk limit check performed on a trade for this allocation instance.

Type: [int](#)

Allowed values in RiskLimitCheckStatusCodeSet:

Code	Name	Description
0	Accepted	Accepted. For use when none of the more specific status enumerations apply.
1	Rejected	Rejected. For use when none of the more specific status enumerations apply.
2	ClaimRequired	Claim required. Indicates that the clearing firm is required to accept or decline the trade.
3	PreDefinedLimitCheckSucceeded	Pre-defined limit check succeeded. Indicates a check enforced automatically by the clearing house.
4	PreDefinedLimitCheckFailed	Pre-defined limit check failed. Indicates a check enforced automatically by the clearing house.
5	PreDefinedAutoAcceptRuleInvoked	Pre-defined auto-accept rule invoked. Indicates that the clearing firm is required to accept or decline the trade because no limit or rule applies.
6	PreDefinedAutoRejectRuleInvoked	Pre-defined auto-reject rule invoked. Indicates a check enforced automatically by the clearing house. Note that clearing house rules of engagement may still require a clearing firm accept or reject the trade.
7	AcceptedByClearingFirm	Accepted by clearing firm. Indicates that explicit action by the clearing firm, and not an automatic check by the clearing house, was the basis for accepting the trade.
8	RejectedByClearingFirm	Rejected by clearing firm. Indicates that explicit action by the clearing firm, and not an automatic check by the clearing house, was the basis for rejecting the trade.

---



Code	Name	Description
9	Pending	Pending. Indicates that one or more side level risk checks are in progress.
10	AcceptedByCreditHub	Accepted by credit hub. Indicates that a credit hub accepted the trade. An identifier assigned by the credit hub may appear in the appropriate RefRiskLimitCheckID(2334) field.
11	RejectedByCreditHub	Rejected by credit hub. Indicates that a credit hub rejected the trade.
12	PendingCreditHubCheck	Pending credit hub check. Indicates that a check is pending at a credit hub.
13	AcceptedByExecVenue	Accepted by execution venue. Indicates acceptance by an execution venue, such as a SEF.
14	RejectedByExecVenue	Rejected by execution venue. Indicates that the trade was rejected by an execution venue, such as a SEF.

---

Used in groups: [AllocGrp](#)

#### **170.2.127 AllocSettlCurrAmt**

Total amount due expressed in settlement currency (includes the effect of the forex transaction) for a specific AllocAccount (79).

Type: [Amt](#)

Used in groups: [AllocGrp](#)

#### **170.2.128 AllocSettlCurrency**

Currency code of settlement denomination for a specific AllocAccount (79).

Type: [Currency](#)

Used in groups: [AllocGrp](#), [PreAllocGrp](#), [PreAllocMlegGrp](#), [TrdAllocGrp](#)

#### **170.2.129 AllocSettlCurrencyCodeSource**

Identifies class or source of the AllocSettlCurrency(736) value.

Type: [String](#)

Allowed values in CurrencyCodeSourceCodeSet:

Code	Name	Description
1	CUSIP	CUSIP
2	SEDOL	SEDOL
4	ISINNumber	ISIN
6	ISOCurrencyCode	ISO Currency Code (ISO 4217)
S	FinancialInstrumentGlobalIdentifier	Financial Instrument Global Identifier. An Object Management Group (OMG) standard. Also referred to as FIGI. Formerly known as "Bloomberg Open Symbology BBGID".
Y	DigitalTokenIdentifier	Digital Token Identifier (ISO 24165)

Used in groups: [AllocGrp](#), [PreAllocGrp](#), [PreAllocMlegGrp](#), [TrdAllocGrp](#)

### 170.2.130 AllocSettlInstType

Used to indicate whether settlement instructions are provided on an allocation instruction message, and if not, how they are to be derived.

Type: [int](#)

Allowed values in AllocSettlInstTypeCodeSet:

Code	Name	Description
0	UseDefaultInstructions	Use default instructions
1	DeriveFromParametersProvided	Derive from parameters provided
2	FullDetailsProvided	Full details provided
3	SSIDBIDsProvided	SSI DB IDs provided
4	PhoneForInstructions	Phone for instructions

Used in groups: [AllocGrp](#)

### 170.2.131 AllocStatus

Identifies status of allocation.

Type: [int](#)

Allowed values in AllocStatusCodeSet:

Code	Name	Description
0	Accepted	Accepted (successfully processed)
1	BlockLevelReject	Block level reject
2	AccountLevelReject	Account level reject
3	Received	Received (received not yet processed)
4	Incomplete	Incomplete
5	RejectedByIntermediary	Rejected by intermediary
6	AllocationPending	Allocation pending
7	Reversed	Reversed
8	CancelledByIntermediary	Cancelled by intermediary.
9	Claimed	Claimed
10	Refused	Refused
11	PendingGiveUpApproval	Pending give-up approval
12	Cancelled	Cancelled
13	PendingTakeUpApproval	Pending take-up approval
14	ReversalPending	Reversal pending

---

Used in messages: [AllocationInstructionAck](#), [AllocationInstructionAlert](#), [AllocationReport](#), [Allocation-ReportAck](#)

### 170.2.132 AllocText

Free format text related to a specific AllocAccount (79).

Type: [String](#)

Used in groups: [AllocAckGrp](#), [AllocGrp](#), [TrdAllocGrp](#)

### 170.2.133 AllocTransType

Identifies allocation transaction type \*\*\* SOME VALUES HAVE BEEN REPLACED - See "Replaced Features and Supported Approach" \*\*\*

Type: [char](#)

Allowed values in AllocTransTypeCodeSet:

Code	Name	Description
0	New	New
1	Replace	Replace
2	Cancel	Cancel
3	Preliminary	Preliminary (without MiscFees and NetMoney) (Removed/Replaced)
4	Calculated	Calculated (includes MiscFees and NetMoney) (Removed/Replaced)
5	CalculatedWithoutPreliminary	Calculated without Preliminary (sent unsolicited by broker, includes MiscFees and NetMoney) (Removed/Replaced)
6	Reversal	Reversal

Used in messages: [AllocationInstruction](#), [AllocationInstructionAlert](#), [AllocationReport](#), [AllocationReportAck](#)

### 170.2.134 AllocType

Describes the specific type or purpose of an Allocation message (i.e. "Buyside Calculated")

(see Volume : "Glossary" for value definitions)

\*\*\* SOME VALUES HAVE BEEN REPLACED - See "Replaced Features and Supported Approach" \*\*\*

Type: [int](#)

Allowed values in AllocTypeCodeSet:

Code	Name	Description
1	Calculated	Calculated (includes MiscFees and NetMoney)
2	Preliminary	Preliminary (without MiscFees and NetMoney)
3	SellsideCalculatedUsingPreliminary	Sellside calculated using preliminary (includes MiscFees and NetMoney) (Replaced)
4	SellsideCalculatedWithoutPreliminary	Sellside calculated without preliminary (sent unsolicited by sellside, includes MiscFees and NetMoney) (Replaced)
5	ReadyToBook	Ready-To-Book single order
6	BuysideReadyToBook	Buyside Ready-To-Book - combined set of orders (replaced)
7	WarehouseInstruction	Warehouse instruction
8	RequestToIntermediary	Request to intermediary
9	Accept	Accept

Code	Name	Description
10	Reject	Reject
11	AcceptPending	Accept Pending
12	IncompleteGroup	Incomplete group
13	CompleteGroup	Complete group
14	ReversalPending	Reversal Pending
15	ReopenGroup	Reopen group
16	CancelGroup	Cancel group
17	Giveup	Give-up
18	Takeup	Take-up
19	RefuseTakeup	Refuse take-up
20	InitiateReversal	Initiate reversal
21	Reverse	Reverse
22	RefuseReversal	Refuse reversal
23	SubAllocationGiveup	Sub-allocation give-up
24	ApproveGiveup	Approve give-up
25	ApproveTakeup	Approve take-up
26	NotionalValueAveragePxGroupAlloc	Notional value average price group allocation. Used when conducting notional value average price (NVAP) group allocation with a clearinghouse.

Used in messages: [AllocationInstruction](#), [AllocationInstructionAck](#), [AllocationInstructionAlert](#)

### 170.2.135 AllowableOneSidednessCurr

The currency that AllowableOneSidednessValue (766) is expressed in if AllowableOneSidednessValue is used.

Type: [Currency](#)

Used in messages: [NewOrderList](#)

### 170.2.136 AllowableOneSidednessPct

The maximum percentage that execution of one side of a program trade can exceed execution of the other.

Type: [Percentage](#)

Used in messages: [NewOrderList](#)

#### **170.2.137 AllowableOneSidednessValue**

The maximum amount that execution of one side of a program trade can exceed execution of the other.

Type: [Amt](#)

Used in messages: [NewOrderList](#)

#### **170.2.138 AltMDSourceID**

Session layer source for market data

(For the standard FIX session layer, this would be the TargetCompID (56) where market data can be obtained).

Type: [String](#)

Used in groups: [MDRjctGrp](#)

#### **170.2.139 AnnualTradingBusinessDays**

Number of trading business days in a year.

Type: [int](#)

Used in components: [MDStatisticParameters](#)

Used in groups: [ClearingPriceParametersGrp](#)

#### **170.2.140 AnonymousTradeIndicator**

Indicates whether the trade or transaction was executed anonymously.

Type: [Boolean](#)

Used in groups: [MDFullGrp](#), [MDIncGrp](#)

Used in messages: [ExecutionReport](#), [TradeCaptureReport](#)

**170.2.141 ApplBegSeqNum**

Beginning range of application sequence numbers

Type: [SeqNum](#)

Used in groups: [ApplIDRequestAckGrp](#), [ApplIDRequestGrp](#)

**170.2.142 ApplEndSeqNum**

Ending range of application sequence numbers

Type: [SeqNum](#)

Used in groups: [ApplIDRequestAckGrp](#), [ApplIDRequestGrp](#)

**170.2.143 ApplExtID**

The extension pack number associated with an application message.

Type: [int](#)

Used in components: [StandardHeader](#)

**170.2.144 ApplicationSequenceControl**

The ApplicationSequenceControl is used for application sequencing and recovery. Consisting of ApplSeqNum (1181), ApplID (1180), ApplLastSeqNum (1350), and ApplResendFlag (1352), FIX application messages that carries this component block will be able to use application level sequencing. ApplID, ApplSeqNum and ApplLastSeqNum fields identify the application id, application sequence number and the previous application sequence number (in case of intentional gaps) on each application message that carries this block.

Name	Mult.	Type	Description
<a href="#">ApplID</a>	[0..1]	String	Identifies the application with which a message is associated. Used only if application sequencing is in effect.
<a href="#">ApplSeqNum</a>	[0..1]	SeqNum	Application sequence number assigned to the message by the application generating the message. Used only if application sequencing is in effect. Conditionally required if ApplID has been specified.

Name	Mult.	Type	Description
ApplLastSeqNum	[0..1]	SeqNum	The previous sequence number in the application sequence stream. Permits an application to publish messages with sequence gaps where it cannot be avoided. Used only if application sequencing is in effect. Conditionally required if ApplID has been specified
ApplResendFlag	[0..1]	Boolean	Used to indicate that a message is being sent in response to an Application Message Request. Used only if application sequencing is in effect. It is possible for both ApplResendFlag and PossDupFlag to be set on the same message if the Sender's cache size is greater than zero and the message is being resent due to a session level resend request.

Used in messages: [AccountSummaryReport](#), [AssignmentReport](#), [ContraryIntentionReport](#), [DerivativeSecurityList](#), [DerivativeSecurityListUpdateReport](#), [ExecutionReport](#), [IOI](#), [MarginRequirementReport](#), [MarketDataIncrementalRefresh](#), [MarketDataReport](#), [MarketDataSnapshotFullRefresh](#), [MarketDataStatisticsReport](#), [MarketDefinition](#), [MarketDefinitionUpdateReport](#), [MassOrderAck](#), [News](#), [PartyDetailsListReport](#), [PartyDetailsListUpdateReport](#), [PartyEntitlementsReport](#), [PartyEntitlementsUpdateReport](#), [PartyRiskLimitsReport](#), [PartyRiskLimitsUpdateReport](#), [PositionReport](#), [SecurityDefinition](#), [SecurityDefinitionUpdateReport](#), [SecurityList](#), [SecurityListUpdateReport](#), [SecurityMassStatus](#), [SecurityStatus](#), [SecurityTypes](#), [SettlementObligationReport](#), [TradeCaptureReport](#), [TradeMatchReport](#), [TradeMatchReportAck](#), [TradingSessionList](#), [TradingSessionListUpdateReport](#), [TradingSessionStatus](#)

#### 170.2.145 ApplID

Identifies the application with which a message is associated. Used only if application sequencing is in effect.

Type: [String](#)

Used in components: [ApplicationSequenceControl](#)

#### 170.2.146 ApplIDReportGrp



---

Name	Mult.	Type	Description
NoApplIDs	[1..1]	NumInGroup	Number of applications
RefApplID	[0..1]	String	
ApplNewSeqNum	[0..1]	SeqNum	
RefApplLastSeqNum	[0..1]	SeqNum	

---

Used in messages: [ApplicationMessageReport](#)

### 170.2.147 ApplIDRequestAckGrp

---

Name	Mult.	Type	Description
NoApplIDs	[1..1]	NumInGroup	Number of applications
RefApplID	[0..1]	String	
RefApplReqID	[0..1]	String	
ApplBegSeqNum	[0..1]	SeqNum	
ApplEndSeqNum	[0..1]	SeqNum	
RefApplLastSeqNum	[0..1]	SeqNum	
ApplResponseError	[0..1]	CodeSet	
NestedParties	[0..*]	Group	

---

Used in messages: [ApplicationMessageRequestAck](#)

### 170.2.148 ApplIDRequestGrp

---

Name	Mult.	Type	Description
NoApplIDs	[1..1]	NumInGroup	Specifies number of application id occurrences
RefApplID	[0..1]	String	
RefApplReqID	[0..1]	String	
ApplBegSeqNum	[0..1]	SeqNum	Message sequence number of first message in range to be resent

---

Name	Mult.	Type	Description
ApplEndSeqNum	[0..1]	SeqNum	Message sequence number of last message in range to be resent. If request is for a single message ApplBeginSeqNo = ApplEndSeqNo. If request is for all messages subsequent to a particular message, ApplEndSeqNo = "0" (representing infinity).
NestedParties	[0..*]	Group	

Used in messages: [ApplicationMessageRequest](#)

### 170.2.149 ApplLastSeqNum

Application sequence number of last message in transmission

Type: [SeqNum](#)

Used in components: [ApplicationSequenceControl](#)

### 170.2.150 ApplNewSeqNum

Used to specify a new application sequence number.

Type: [SeqNum](#)

Used in groups: [ApplIDReportGrp](#)

### 170.2.151 ApplQueueAction

Action to take to resolve an application message queue (backlog).

Type: [int](#)

Allowed values in ApplQueueActionCodeSet:

Code	Name	Description
0	NoActionTaken	No Action Taken
1	QueueFlushed	Queue Flushed
2	OverlayLast	Overlay Last
3	EndSession	End Session

Used in messages: [MarketDataRequest](#)

### 170.2.152 ApplQueueDepth

Current number of application messages that were queued at the time that the message was created by the counterparty.

Type: [int](#)

Used in messages: [MarketDataIncrementalRefresh](#), [MarketDataSnapshotFullRefresh](#)

### 170.2.153 ApplQueueMax

Used to specify the maximum number of application messages that can be queued before a corrective action needs to take place to resolve the queuing issue.

Type: [int](#)

Used in messages: [MarketDataRequest](#)

### 170.2.154 ApplQueueResolution

Resolution taken when ApplQueueDepth (813) exceeds ApplQueueMax (812) or system specified maximum queue size.

Type: [int](#)

Allowed values in ApplQueueResolutionCodeSet:

---

Code	Name	Description
0	NoActionTaken	No Action Taken
1	QueueFlushed	Queue Flushed
2	OverlayLast	Overlay Last
3	EndSession	End Session

---

Used in messages: [MarketDataIncrementalRefresh](#), [MarketDataSnapshotFullRefresh](#)

**170.2.155 ApplReportID**

Identifier for the Application Sequence Reset

Type: **String**

Used in messages: **ApplicationMessageReport**

**170.2.156 ApplReportType**

Type of report

Type: **int**

Allowed values in ApplReportTypeCodeSet:

Code	Name	Description
0	ApplSeqNumReset	Reset ApplSeqNum to new value specified in ApplNewSeqNum(1399)
1	LastMessageSent	Reports that the last message has been sent for the ApplIDs Refer to RefApplLastSeqNum(1357) for the application sequence number of the last message.
2	ApplicationAlive	Heartbeat message indicating that Application identified by RefApplID(1355) is still alive. Refer to RefApplLastSeqNum(1357) for the application sequence number of the previous message.
3	ResendComplete	Application message re-send completed.

Used in messages: **ApplicationMessageReport**

**170.2.157 ApplReqID**

Unique identifier for request

Type: **String**

Used in messages: **ApplicationMessageReport, ApplicationMessageRequest, ApplicationMessageRequestAck**

**170.2.158 ApplReqType**

Type of Application Message Request being made.

Type: **int**

Allowed values in ApplReqTypeCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	Retransmission	Retransmission of application messages for the specified Applications
1	Subscription	Subscription to the specified Applications
2	RequestLastSeqNum	Request for the last ApplLastSeqNum published for the specified Applications
3	RequestApplications	Request valid set of Applications
4	Unsubscribe	Unsubscribe to the specified Applications
5	CancelRetransmission	Cancel retransmission
6	CancelRetransmissionUnsubscribe	Cancel retransmission and unsubscribe to the specified applications

---

Used in messages: **ApplicationMessageRequest**, **ApplicationMessageRequestAck**

**170.2.159 ApplResendFlag**

Used to indicate that a message is being sent in response to an Application Message Request. It is possible for both ApplResendFlag and PossDupFlag to be set on the same message if the Sender's cache size is greater than zero and the message is being resent due to a session level resend request

Type: **Boolean**

Used in components: **ApplicationSequenceControl**

**170.2.160 ApplResponseError**

Used to return an error code or text associated with a response to an Application Request.

Type: **int**

Allowed values in ApplResponseErrorCodeSet:

---

Code	Name	Description
0	ApplicationDoesNotExist	Application does not exist
1	MessagesRequestedAreNotAvailable	Messages requested are not available
2	UserNotAuthorizedForApplication	User not authorized for application

---

Used in groups: [ApplIDRequestAckGrp](#)

### 170.2.161 ApplResponseID

Identifier for the Application Message Request Ack

Type: [String](#)

Used in messages: [ApplicationMessageRequestAck](#)

### 170.2.162 ApplResponseType

Used to indicate the type of acknowledgement being sent.

Type: [int](#)

Allowed values in ApplResponseTypeCodeSet:

---

Code	Name	Description
0	RequestSuccessfullyProcessed	Request successfully processed
1	ApplicationDoesNotExist	Application does not exist
2	MessagesNotAvailable	Messages not available

---

Used in messages: [ApplicationMessageRequestAck](#)

### 170.2.163 ApplSeqNum

Data sequence number to be used when FIX session is not in effect

Type: [SeqNum](#)

Used in components: [ApplicationSequenceControl](#)

**170.2.164 ApplTestMessageIndicator**

Used to indicate whether the message being sent is to test the receiving application's availability to process the message. When set to "Y" the message is a test message. If not specified, the message is by default not a test message.

Type: **Boolean**

Used in messages: **PartyActionReport**, **PartyActionRequest**

**170.2.165 ApplTotalMessageCount**

Total number of messages included in transmission.

Type: **int**

Used in messages: **ApplicationMessageRequestAck**

**170.2.166 ApplVerID**

Specifies the application layer version being applied at the message level.

Type: **String**

Allowed values in ApplVerIDCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	FIX27	FIX27
1	FIX30	FIX30
2	FIX40	FIX40
3	FIX41	FIX41
4	FIX42	FIX42
5	FIX43	FIX43
6	FIX44	FIX44
7	FIX50	FIX50
8	FIX50SP1	FIX50SP1
9	FIX50SP2	FIX50SP2
10	FIXLatest	FIXLatest

---

Used in components: **StandardHeader**

**170.2.167 AsgnRptID**

Unique identifier for the Assignment Report

Type: **String**

Used in messages: **AssignmentReport**

**170.2.168 AsOfIndicator**

A trade that is being submitted for a trade date prior to the current trade or clearing date, e.g. in an open outcry market an out trade being submitted for the previous trading session or trading day.

Type: **char**

Allowed values in AsOfIndicatorCodeSet:

---

Code	Name	Description
0	False	false - trade is not an AsOf trade
1	True	true - trade is an AsOf trade

---

Used in messages: **TradeCaptureReport**, **TradeCaptureReportAck**

**170.2.169 AssetAttributeGrp**

The AssetAttributeGrp is a repeating subcomponent of the Instrument component used to detail attributes of the instrument asset.

---

Name	Mult.	Type	Description
<b>NoAssetAttributes</b>	[1..1]	NumInGroup	
<b>AssetAttributeType</b>	[0..1]	String	Required if NoAssetAttributes(2304) > 0.
<b>AssetAttributeValue</b>	[0..1]	String	
<b>AssetAttributeLimit</b>	[0..1]	String	

---

Used in components: **Instrument**



**170.2.170 AssetAttributeLimit**

Limit or lower acceptable value of the attribute.

Type: **String**

Used in groups: **AssetAttributeGrp**

**170.2.171 AssetAttributeType**

Specifies the name of the attribute.

See [http://www.fixtradingcommunity.org/codelists#Asset\\_Attribute\\_Types](http://www.fixtradingcommunity.org/codelists#Asset_Attribute_Types) for code list of applicable asset attribute types.

Type: **String**

Used in groups: **AssetAttributeGrp**

**170.2.172 AssetAttributeValue**

Specifies the value of the asset attribute.

Type: **String**

Used in groups: **AssetAttributeGrp**

**170.2.173 AssetClass**

The broad asset category for assessing risk exposure.

Type: **int**

Allowed values in AssetClassCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
1	InterestRate	Interest rate
2	Currency	Currency
3	Credit	Credit
4	Equity	Equity
5	Commodity	Commodity
6	Other	Other

---

---

Code	Name	Description
7	Cash	Cash
8	Debt	Debt
9	Fund	Fund. Such as mutual fund, collective investment vehicle, investment program, specialized account program.
10	LoanFacility	Loan facility
11	Index	Index. A main index identified as a security type, for example under EU SFTR reporting.

---

Used in components: [Instrument](#)

### 170.2.174 AssetGroup

Indicates the broad product or asset classification. May be used to provide grouping for the product taxonomy (Product(460), SecurityType(167), etc.) and/or the risk taxonomy (AssetClass(1938), AssetSubClass(1939), AssetType(1940), etc.).

Type: [int](#)

Allowed values in AssetGroupCodeSet:

---

Code	Name	Description
1	Financials	Financials. A categorization which usually includes rates, foreign exchange, credit, bonds and equity products or assets.
2	Commodities	Commodities. A categorization which usually includes hard commodities such as agricultural, metals, freight, energy products or assets.
3	AlternativeInvestments	Alternative investments. A categorization which usually includes weather, housing, and commodity indices products or assets.

---

Used in components: [Instrument](#)

### 170.2.175 AssetSubClass

The subcategory description of the asset class.

Type: [int](#)

Allowed values in AssetSubClassCodeSet:

<b>Code</b>	<b>Name</b>	<b>Description</b>
1	SingleCurrency	Single currency
2	CrossCurrency	Cross currency
3	Basket	Basket [for multi-currency]
4	SingleName	Single name
5	CreditIndex	Credit index
6	IndexTranche	Index tranche
7	CreditBasket	Credit basket
8	Exotic	Exotic
9	Common	Common
10	Preferred	Preferred
11	EquityIndex	Equity index
12	EquityBasket	Equity basket
13	Metals	Metals
14	Bullion	Bullion
15	Energy	Energy
16	CommodityIndex	Commodity index
17	Agricultural	Agricultural
18	Environmental	Environmental
19	Freight	Freight
20	Government	Government
21	Agency	Agency
22	Corporate	Corporate
23	Financing	Financing
24	MoneyMarket	Money market
25	Mortgage	Mortgage
26	Municipal	Municipal
27	MutualFund	Mutual fund
28	CollectiveInvestmentVehicle	Collective investment vehicle
29	InvestmentProgram	Investment program. A generalized fund for major investors.
30	SpecializedAccountProgram	Specialized account program. A specialized fund setup for a particular account or group of accounts.
31	TermLoan	Term loan
32	BridgeLoan	Bridge loan

Code	Name	Description
33	LetterOfCredit	Letter of credit
34	DividendIndex	Dividend index
35	StockDividend	Stock dividend
36	ExchangeTradedFund	Exchange traded fund
37	VolatilityIndex	Volatility index
38	FXCrossRates	FX cross rates
39	FXEmergingMarkets	FX emerging markets
40	FXMajors	FX Majors
41	Fertilizer	Fertilizer
42	IndustrialProduct	Industrial product
43	Inflation	Inflation
44	Paper	Paper
45	Polypropylene	Polypropylene
46	OfficialEconomicStatistics	Official economic statistics
47	OtherC10	Other C10. Defined under MiFID II (Directive 2014/65/EU) Section C(10) of Annex I and paraphrased in ESMA RTS 2 Annex III Section 10, "Other C10" is a financial instrument "which is not a 'Freight derivative', any of the following interest rate derivatives sub-asset classes: 'Inflation multi-currency swap or cross-currency swap', a 'Future/forward on inflation multi-currency swaps or cross-currency swaps', an 'Inflation single currency swap', a 'Future/forward on inflation single currency swap' and any of the following equity derivatives sub-asset classes: a 'Volatility index option', a 'Volatility index future/forward', a swap with parameter return variance, a swap with parameter return volatility, a portfolio swap with parameter return variance, a portfolio swap with parameter return volatility".
48	Other	Other. May be used with any AssetClass(1938) values.

Used in components: **Instrument**

### 170.2.176 AssetSubType

Used to provide a more specific description of the asset specified in AssetType(1940).

See <https://www.fixtrading.org/codelists/AssetSubType> for code list of applicable values.

Type: **String**

Used in components: **Instrument**

### **170.2.177 AssetType**

Used to provide more specific description of the asset specified in AssetSubClass(1939).

See <https://www.fixtrading.org/codelists/AssetType> for code list of applicable values. ISO 4721 Currency Code values are to be used when specific currency as an asset type is to be expressed.

Other values may be used by mutual agreement of the counterparties.

Type: **String**

Used in components: **Instrument**

### **170.2.178 AssignmentMethod**

Method by which short positions are assigned to an exercise notice during exercise and assignment processing

Type: **char**

Allowed values in AssignmentMethodCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
P	ProRata	Pro rata
R	Random	Random

---

Used in messages: **AssignmentReport**

### **170.2.179 AssignmentUnit**

Quantity Increment used in performing assignment.

Type: **Qty**

Used in messages: **AssignmentReport**

**170.2.180 AttachmentClassification**

Specifies semantically the type of the attached document from a business perspective. The default classification scheme reuses the FIX standard classification scheme of a high level section (pretrade, trade, posttrade, etc.) and a category, then a specific application or document type. The expression follows {"section/category/application type"}.

The goal here is to map the attachment into the sections and categories of the FIX business messages if possible. The classification scheme can be expanded or replaced by counterparty agreement. This approach permits the introduction and reference to other business ontologies.

Example:

posttrade/confirmation/confirm

pretrade//termsheet

Type: **String**

Used in groups: **AttachmentGrp**

**170.2.181 AttachmentEncodingType**

The encoding type of the content provided in EncodedAttachment(2112).

Type: **int**

Allowed values in AttachmentEncodingTypeCodeSet:

---

Code	Name	Description
0	Base64	Base64 encoding.
1	RawBinary	Raw binary. Unencoded binary content.

---

Used in groups: **AttachmentGrp**

**170.2.182 AttachmentExternalURL**

Used to specify an external URL where the attachment can be obtained.

Type: **String**

Used in groups: **AttachmentGrp**

### 170.2.183 AttachmentGrp

The AttachmentGrp component provides the ability to attach other media type documents to a FIX message for transmission. The media type can be any of the media types (previously referred to as MIME types) that are listed by IANA ([www.iana.org](http://www.iana.org)) [RFC2046].

The AttachmentGrp is intended to be used to attach documents in other formats, such as PDF, TIFF, and Microsoft Word, for example to a FIX message.

Note when the AttachmentGrp is used within a business message, such as the TradeCaptureReport(35=AE), the attachment should supplement the data already contained in the business message. It is not intended to replace the content of the business message. The standard fields within the business message should be populated, even if they duplicate data expressed within the attachment(s).

Name	Mult.	Type	Description
NoAttachments	[1..1]	NumInGroup	
AttachmentName	[0..1]	String	Required if NoAttachments(2104) > 0.
AttachmentMediaType	[0..1]	String	Required if EncodedAttachment(2112) is present.
AttachmentClassification	[0..1]	String	
AttachmentExternalURL	[0..1]	String	Either AttachmentExternalURL(2108) or EncodedAttachment(2112) must be specified if NoAttachments(2104) > 0.
AttachmentEncodingType	[0..1]	CodeSet	Required if EncodedAttachment(2112) is present.
UnencodedAttachmentLen	[0..1]	int	
EncodedAttachmentLen	[0..1]	Length	Must be set if EncodedAttachment(2112) is specified and must immediately precede it.
EncodedAttachment	[0..1]	data	Either AttachmentExternalURL(2108) or EncodedAttachment(2112) must be specified if NoAttachments(2104) > 0.
AttachmentKeywordGrp	[0..*]	Group	

Used in messages: [Email](#), [TradeCaptureReport](#), [XMLnonFIX](#)

### 170.2.184 AttachmentKeyword

Can be used to provide data or keyword tagging of the content of the attachment.

Type: [String](#)

Used in groups: [AttachmentKeywordGrp](#)

**170.2.185 AttachmentKeywordGrp**

The AttachmentKeywordGrp component provides a place to associate keywords with an attachment document to support the current approach of tagging to support metadata.

Name	Mult.	Type	Description
NoAttachmentKeywords	[1..1]	NumInGroup	
AttachmentKeyword	[0..1]	String	Required if NoAttachmentKeywords(2113) > 0.

Used in groups: [AttachmentGrp](#)

**170.2.186 AttachmentMediaType**

The MIME media type (and optional subtype) of the attachment. The values used are those assigned, listed and maintained by IANA ([www.iana.org](http://www.iana.org)) [RFC2046]. See <http://www.iana.org/assignments/media-types/index.html> for available types.

Examples values (RFC number provided for reference here only):

"application/pdf" (see [RFC3778])

"application/msword" (for .doc files)

"multipart/signed" (see [RFC1847])

"application/vnd.openxmlformats-officedocument.wordprocessingml.document" (for .docx files)

Type: [String](#)

Used in groups: [AttachmentGrp](#)

**170.2.187 AttachmentName**

Specifies the file name of the attachment.

Type: [String](#)

Used in groups: [AttachmentGrp](#)



**170.2.188 AttachmentPoint**

Lower bound percentage of the loss that the tranche can endure.

Type: **Percentage**

Used in components: **Instrument**

**170.2.189 AttrbGrp**

---

Name	Mult.	Type	Description
NoInstrAttrib	[1..1]	NumInGroup	
InstrAttribType	[0..1]	CodeSet	
InstrAttribValue	[0..1]	String	

---

Used in components: **InstrumentExtension**

**170.2.190 AuctionAllocationPct**

Percentage of matched quantity to be allocated to the submitter of the response to an auction order.

Type: **Percentage**

Used in messages: **ExecutionReport, MultilegOrderCancelReplace, NewOrderMultileg, NewOrderSingle, OrderCancelReplaceRequest**

**170.2.191 AuctionInstruction**

Instruction related to system generated auctions, e.g. flash order auctions.

Type: **int**

Allowed values in AuctionInstructionCodeSet:

---

Code	Name	Description
0	AutomatedAuctionPermitted	Automatic auction permitted (default)
1	AutomatedAuctionNotPermitted	Automatic auction not permitted

---

Used in messages: **ExecutionReport, MultilegOrderCancelReplace, NewOrderMultileg, NewOrderSingle, OrderCancelReplaceRequest**

### 170.2.192 AuctionType

Type of auction order.

Type: **int**

Allowed values in AuctionTypeCodeSet:

---

Code	Name	Description
0	None	None
1	BlockOrderAuction	Block order auction
2	DirectedOrderAuction	Directed order auction
3	ExposureOrderAuction	Exposure order auction
4	FlashOrderAuction	Flash order auction
5	FacilitationOrderAuction	Facilitation order auction
6	SolicitationOrderAuction	Solicitation order auction
7	PriceImprovementMechanism	Price improvement mechanism (PIM)
8	DirectedOrderPriceImprovement-Mechanism	Directed Order price improvement mechanism (PIM)

---

Used in groups: **AuctionTypeRuleGrp**

Used in messages: **ExecutionReport, MultilegOrderCancelReplace, NewOrderMultileg, NewOrderSingle, OrderCancelReplaceRequest**

### 170.2.193 AuctionTypeProductComplex

Identifies an entire suite of products for which the auction order type rule applies.

Type: **String**

Used in groups: **AuctionTypeRuleGrp**

### 170.2.194 AuctionTypeRuleGrp

The AuctionTypeRuleGrp component is used to specify the auction rule applicable for a given product group or complex, for example.

Name	Mult.	Type	Description
NoAuctionTypeRules	[1..1]	NumInGroup	
AuctionType	[0..1]	CodeSet	Required if NoAuctionTypeRules(2548) > 0. AuctionType(1803) = 0 (None) can be used to invalidate all auction types on the instrument level that are defined on a market segment level.
AuctionTypeProductComplex	[0..1]	String	Can be used to limit auction order type to specific product suite. Use multiple entries with the same AuctionType(1803) if multiple but not all product suites are supported.

---

Used in components: [TradingSessionRules](#)

Used in messages: [MarketDefinition](#), [MarketDefinitionUpdateReport](#)

#### **170.2.195 AutoAcceptIndicator**

Identifies whether or not an allocation has been automatically accepted on behalf of the Carry Firm by the Clearing House.

Type: [Boolean](#)

Used in messages: [AllocationInstruction](#), [AllocationInstructionAlert](#), [AllocationReport](#)

#### **170.2.196 AutomaticExerciseIndicator**

Indicates (when 'Y') that exercise is automatic when the strike price is crossed or the underlying trade is in the money.

Type: [Boolean](#)

Used in components: [OptionExercise](#)

#### **170.2.197 AutomaticExerciseThresholdRate**

The threshold rate for triggering automatic exercise.

Type: [float](#)

Used in components: [OptionExercise](#)

**170.2.198 AveragePriceDetail**

The AveragePriceDetail component provides average pricing details in a trade report, including the average pricing model and the start and end times of averaging period.

---

Name	Mult.	Type	Description
AveragePriceType	[0..1]	CodeSet	
AveragePriceStartTime	[0..1]	UTCTimestamp	Required if AveragePriceType(2763)=2 (Percent of volume average price) or 0 (Time weighted average price).
AveragePriceEndTime	[0..1]	UTCTimestamp	Required if AveragePriceType(2763)=2 (Percent of volume average price) or 0 (Time weighted average price).

---

Used in messages: [TradeCaptureReport](#), [TradeCaptureReportAck](#)

**170.2.199 AveragePriceEndTime**

End of the time period during which price averaging occurred.

Type: [UTCTimestamp](#)

Used in components: [AveragePriceDetail](#)

**170.2.200 AveragePriceStartTime**

Start of the time period during which price averaging occurred.

Type: [UTCTimestamp](#)

Used in components: [AveragePriceDetail](#)

**170.2.201 AveragePriceType**

The average pricing model used for block trades.

Type: [int](#)

Allowed values in AveragePriceTypeCodeSet:

Code	Name	Description
0	TimeWeightedAveragePrice	Time weighted average price. TWAP is the simple average price of a security over a specified time without regard to the volume traded.
1	VolumeWeightedAveragePrice	Volume weighted average price. VWAP is the sum of the currency amount traded for all trades in the averaging group (price times quantity) divided by the total quantity.
2	PercentOfVolumeAveragePrice	Percent of volume average price. POV is the sum of the currency amount traded for all trades executed as part of an order intended to purchase a specified percentage of the total volume of an instrument, divided by the total quantity.
3	LimitOrderAveragePrice	Limit order average price. The limit order average price is the currency amount of all trades executed to fill a limit order, divided by the total quantity.

Used in components: [AveragePriceDetail](#)

#### **170.2.202 AvgForwardPoints**

The average forward points. May be a negative value.

Type: [PriceOffset](#)

Used in messages: [TradeAggregationReport](#)

#### **170.2.203 AvgParPx**

Used to express average price as percent of par (used where AvgPx field is expressed in some other way)

Type: [Price](#)

Used in components: [SettlTradeDetails](#)

Used in messages: [AllocationInstruction](#), [AllocationInstructionAlert](#), [AllocationReport](#), [Confirmation](#)

#### **170.2.204 AvgPx**

Calculated average price of all fills on this order.

For Fixed Income trades AvgPx is always expressed as percent-of-par, regardless of the PriceType (423) of LastPx (31). I.e., AvgPx will contain an average of percent-of-par values (see LastParPx (669)) for issues traded in Yield, Spread or Discount.

Type: **Price**

Used in components: **SettlTradeDetails**

Used in groups: **OrdListStatGrp**

Used in messages: **AllocationInstruction, AllocationInstructionAlert, AllocationReport, Confirmation, ExecutionAck, ExecutionReport, TradeAggregationReport, TradeAggregationRequest, TradeCaptureReport, TradeCaptureReportAck**

### **170.2.205 AvgPxGroupID**

Used by submitting firm to group trades being allocated into an average price group. The trades in average price group will be used to calculate an average price for the group.

Type: **String**

Used in groups: **TrdMatchSideGrp**

Used in messages: **AllocationInstruction, AllocationInstructionAck, AllocationInstructionAlert, AllocationInstructionAlertRequest, AllocationReport, AllocationReportAck, TradeCaptureReport, TradeCaptureReportAck**

### **170.2.206 AvgPxIndicator**

Average pricing indicator.

Type: **int**

Allowed values in AvgPxIndicatorCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	NoAveragePricing	No average pricing
1	Trade	Trade is part of an average price group identified by the AvgPxGroupID(1731)
2	LastTrade	Last trade of the average price group identified by the AvgPxGroupID(1731)

---

---

Code	Name	Description
3	NotionalValueAveragePxGroupTrade	Trade is part of a notional value average price group. A notional value average price (NVAP) group is effectively closed and available for allocation as long as the NVAP of the group is non-zero.
4	AveragePricedTrade	Trade is average priced

---

Used in groups: [MDFullGrp](#), [MDIncGrp](#), [TrdMatchSideGrp](#)

Used in messages: [AllocationInstruction](#), [AllocationInstructionAlert](#), [AllocationReport](#), [AllocationReportAck](#), [TradeCaptureReport](#), [TradeCaptureReportAck](#)

### 170.2.207 AvgPxPrecision

Indicates number of decimal places to be used for average pricing. Absence of this field indicates that default precision arranged by the broker/institution is to be used.

Type: [int](#)

Used in messages: [AllocationInstruction](#), [AllocationInstructionAlert](#), [AllocationReport](#), [Confirmation](#)

### 170.2.208 AvgSpotRate

The average FX spot rate.

Type: [Price](#)

Used in messages: [TradeAggregationReport](#)

### 170.2.209 BackloadedTradeIndicator

Indicates that the trade being reported occurred in the past and is still in effect or active.

Type: [Boolean](#)

Used in messages: [TradeCaptureReport](#)

### 170.2.210 BaseTradingRules

Trading rules that are applicable to a market, market segment or individual security independent of a trading session.

Name	Mult.	Type	Description
TickRules	[0..*]	Group	Specifies price tick rules for the security.
LotTypeRules	[0..*]	Group	Specifies the lot types that are valid for trading.
PriceLimits	[0..1]	Component	Specifies the price limits that are valid for trading.
PriceRangeRuleGrp	[0..*]	Group	Specifies the valid price range tables for trading.
QuoteSizeRuleGrp	[0..*]	Group	Specifies the valid quote sizes for trading.
ExpirationCycle	[0..1]	CodeSet	
TradeVolType	[0..1]	CodeSet	
MinTradeVol	[0..1]	Qty	
MaxTradeVol	[0..1]	Qty	For listed derivatives this indicates the minimum quantity necessary for an order or trade to qualify as a block trade.
MaxPriceVariation	[0..1]	float	
ImpliedMarketIndicator	[0..1]	CodeSet	
TradingCurrency	[0..1]	Currency	
TradingCurrencyCodeSource	[0..1]	CodeSet	
RoundLot	[0..1]	Qty	
MultilegModel	[0..1]	CodeSet	Used for multileg security only.
MultilegPriceMethod	[0..1]	CodeSet	Used for multileg security only.
PriceType	[0..1]	CodeSet	Defines the default price type used for trading.
FastMarketPercentage	[0..1]	Percentage	Can be used as a factor to be applied to other base trading rules during a fast market, e.g. to widen price or size ranges by the specified percentage factor.
QuoteSideIndicator	[0..1]	CodeSet	

Used in components: [SecurityTradingRules](#)

Used in messages: [MarketDefinition](#), [MarketDefinitionUpdateReport](#)

### 170.2.211 BasisFeatureDate

BasisFeatureDate allows requesting firms within fixed income the ability to request an alternative yield-to-worst, -maturity, -extended or other call. This flows through the confirm process.

(Note tag # was reserved in FIX 4.1, added in FIX 4.3)

(prior to FIX 4.4 field was of type UTCDate)



Type: **LocalMktDate**

Used in messages: **ExecutionReport**

### 170.2.212 BasisFeaturePrice

Price for BasisFeatureDate.

See BasisFeatureDate (259)

(Note tag # was reserved in FIX 4.1, added in FIX 4.3)

Type: **Price**

Used in messages: **ExecutionReport**

### 170.2.213 BasisPxType

Code to represent the basis price type.

Type: **char**

Allowed values in BasisPxTypeCodeSet:

---

Code	Name	Description
2	ClosingPriceAtMorningSession	Closing price at morning session
3	ClosingPrice	Closing price
4	CurrentPrice	Current price
5	SQ	SQ
6	VWAPThroughADay	VWAP through a day
7	VWAPThroughAMorningSession	VWAP through a morning session
8	VWAPThroughAnAfternoonSession	VWAP through an afternoon session
9	VWAPThroughADayExcept	VWAP through a day except "YORI" (an opening auction)
A	VWAPThroughAMorningSessionExcept	VWAP through a morning session except "YORI" (an opening auction)
B	VWAPThroughAnAfternoonSessionExcept	VWAP through an afternoon session except "YORI" (an opening auction)
C	Strike	Strike
D	Open	Open
Z	Others	Others

---

Used in messages: **BidRequest**

**170.2.214 BeginSeqNo**

Message sequence number of first message in range to be resent

Type: [SeqNum](#)

Used in messages: [ResendRequest](#)

**170.2.215 BeginString**

Identifies beginning of new message and session protocol version by means of a session profile identifier (see FIX Session Layer for details). ALWAYS FIRST FIELD IN MESSAGE. (Always unencrypted).

Type: [String](#)

Allowed values in BeginStringCodeSet:

---

Code	Name	Description
FIX.4.2	FIX42	Session profile FIX.4.2
FIX.4.4	FIX44	Session profile FIX4
FIXT.1.1	FIXT11	Session profile FIXT or LFXIT. The choice between FIXT and LFIXT is subject to counterparty agreement.

---

Used in components: [StandardHeader](#)

**170.2.216 BenchmarkCurveCurrency**

Specifies currency used for benchmark curve.

BenchmarkCurveCurrencyCodeSource(2950) may be used to disambiguate the code source scheme used, and ISO 4217 is the default scheme if absent.

Type: [Currency](#)

Used in components: [SpreadOrBenchmarkCurveData](#)

**170.2.217 BenchmarkCurveCurrencyCodeSource**

Identifies class or source of the BenchmarkCurveCurrency(220) value.

Type: [String](#)

Allowed values in CurrencyCodeSourceCodeSet:

Code	Name	Description
1	CUSIP	CUSIP
2	SEDOL	SEDOL
4	ISINNumber	ISIN
6	ISOCurrencyCode	ISO Currency Code (ISO 4217)
S	FinancialInstrumentGlobalIdentifier	Financial Instrument Global Identifier. An Object Management Group (OMG) standard. Also referred to as FIGI. Formerly known as "Bloomberg Open Symbology BBGID".
Y	DigitalTokenIdentifier	Digital Token Identifier (ISO 24165)

Used in components: [SpreadOrBenchmarkCurveData](#)

### 170.2.218 BenchmarkCurveName

Name of benchmark curve.

(Note tag # was reserved in FIX 4.1, added in FIX 4.3)

Type: [String](#)

Allowed values in BenchmarkCurveNameCodeSet:

Code	Name	Description
EONIA	EONIA	EONIA
EUREPO	EUREPO	EUREPO
Euribor	Euribor	EURIBOR (deprecated use enum EURIBOR instead). Deprecated use of EURIBOR for the enumeration.
FutureSWAP	FutureSWAP	FutureSWAP
LIBID	LIBID	LIBID
LIBOR	LIBOR	LIBOR (London Inter-Bank Offer)
MuniAAA	MuniAAA	MuniAAA
OTHER	OTHER	OTHER
Pfandbriefe	Pfandbriefe	Pfandbriefe
SONIA	SONIA	SONIA
SWAP	SWAP	SWAP
Treasury	Treasury	Treasury

<b>Code</b>	<b>Name</b>	<b>Description</b>
FEDEFF	FedFundRateEffective	US Federal Reserve fed funds effective rate. US Federal Reserve fed funds effective rate or the weighted average of the actual negotiated rates banks pay each other to to borrow funds.
FEDOPEN	FedOpen	US fed funds target rate. Fed funds target rate as determined by the US Federal Reserve Federal Open Market Committee.
EURIBOR	EURIBOR	Euro interbank offer rate
AUBSW	AUBSW	Australian Bank Bill Swap Rate
BUBOR	BUBOR	Budapest Bank Offered Rate
CDOR	CDOR	Canadian Dollar Offered Rate
CIBOR	CIBOR	Copenhagen Interbank Offered Rate
EONIASWAP	EONIASWAP	Euro Overnight Index Average Swap Rate
ESTR	ESTR	Euro Short Term Rate. Replaces EONIA.
EURODOLLAR	EURODOLLAR	Euro Dollar Rate
EUROSWISS	EUROSWISS	Euro Swiss Franc Rate
GCFREPO	GCFREPO	DTCC General Collateral Finance Repo Index
ISDAFIX	ISDAFIX	ICE Swap Rate
JIBAR	JIBAR	Johannesburg Interbank Agreed Rate
MOSPRIM	MOSPRIM	Moscow Prime Offered Rate
NIBOR	NIBOR	Nigeria Three Month Interbank Rate
PRIBOR	PRIBOR	Czech Republic Interbank Offered Rate
SOFR	SOFR	Secured Overnight Financing Rate. Replaces LIBOR.
STIBOR	STIBOR	Stockholm Interbank Offered Rate
TELBOR	TELBOR	Bank of Israel Interbank Offered Rate
TIBOR	TIBOR	Tokyo Interbank Offered Rate
WIBOR	WIBOR	Warsaw Interbank Offered Rate
AONIA	AONIA	Reserve Bank of Australia Interbank Overnight Cash Rate. Also known as AUD Overnight Index Average.
AONIA-R	AONIAR	Realised AONIA. "Realised AONIA applies a compounding formula to the daily AONIA rate, to determine the compounded average rate over the prior 1 to 6 month period." (source <a href="https://www.asx.com.au/documents/products/realised-aonia-explained.pdf">https://www.asx.com.au/documents/products/realised-aonia-explained.pdf</a> ).
BKBM	BKBM	New Zealand Bank Bill Market Rate
CD91D	CD19D	Republic of Korea 90-Day Certificate of Deposit Rate

Code	Name	Description
CORRA	CORRA	Canadian Overnight Repo Rate Average
DIRR-TN	DIRRTN	Danish Interbank Interest Rate-Tomorrow or Next
EIBOR	EIBOR	Emirates Interbank Offered Rate
FixingRepoRate	FixingRepoRate	China Interbank Overnight Repo Rate
HIBOR	HIBOR	Hong Kong Interbank Offered Rate
IBR	IBR	Colombia Overnight Interbank Reference Rate
KLIBOR	KLIBOR	Kuala Lumpur Interbank Offered Rate
MIBOR	MIBOR	Mumbia Interbank Offered Rate
NZONIA	NZONIA	New Zealand Overnight Indexed Swaps (OIS)
PHIREF	PHIREF	Philippines Interbank Reference Rate
REIBOR	REIBOR	Reykjavik Interbank Offered Rate
SAIBOR	SAIBOR	Saudi Arabian Interbank Offered Rate
SARON	SARON	Swiss Average Rate Overnight
SORA	SORA	Singapore Swap Offer Rate
TLREF	TLREF	Turkish Lira Overnight Reference Rate
TIIE	TIIE	Mexico Interbank Equilibrium Interest Rate
THBFIX	THBFIX	Thai Baht Interest Rate Fixing
TONAR	TONAR	Tokyo Overnight Average Rate

Used in components: [SpreadOrBenchmarkCurveData](#)

### 170.2.219 BenchmarkCurvePoint

Point on benchmark curve. Free form values: e.g. "Y", "7Y", "INTERPOLATED".

Sample values:

M = combination of a number between 1-12 and a "M" for month

Y = combination of number between 1-100 and a "Y" for year}

10Y-OLD = see above, then add "-OLD" when appropriate

INTERPOLATED = the point is mathematically derived

2/2031 5 3/8 = the point is stated via a combination of maturity month / year and coupon

See Fixed Income-specific documentation at <http://www.fixtradingcommunity.org> for additional values.

(Note tag # was reserved in FIX 4.1, added in FIX 4.3)

Type: **String**

Used in components: **SpreadOrBenchmarkCurveData**

### **170.2.220 BenchmarkPrice**

Specifies the price of the benchmark.

Type: **Price**

Used in components: **SpreadOrBenchmarkCurveData**

### **170.2.221 BenchmarkPriceType**

Identifies type of BenchmarkPrice (662).

See PriceType (423) for valid values.

Type: **int**

Allowed values in PriceTypeCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
1	Percentage	Percentage (i.e. percent of par) (often called "dollar price" for fixed income)
2	PerUnit	Per unit (i.e. per share or contract)
3	FixedAmount	Fixed amount (absolute value)
4	Discount	Discount - percentage points below par
5	Premium	Premium - percentage points over par
6	Spread	Spread (basis points spread). Usually the difference in yield between two switched bonds or a corporate bond traded spread-to-benchmark.
7	TEDPrice	TED Price
8	TEDYield	TED Yield
9	Yield	Yield
10	FixedCabinetTradePrice	Fixed cabinet trade price (primarily for listed futures and options)
11	VariableCabinetTradePrice	Variable cabinet trade price (primarily for listed futures and options)

---

Code	Name	Description
12	PriceSpread	Price spread. Price spread is expressed based on market convention for the asset being priced or traded. For example, the difference between the prices of a multileg switch or strategy expressed in basis points for a CDS or TBA roll; a price value to be added to a reference price, such as a "pay up" for specified pools
13	ProductTicksInHalves	Product ticks in halves
14	ProductTicksInFourths	Product ticks in fourths
15	ProductTicksInEighths	Product ticks in eighths
16	ProductTicksInSixteenths	Product ticks in sixteenths
17	ProductTicksInThirtySeconds	Product ticks in thirty-seconds
18	ProductTicksInSixtyFourths	Product ticks in sixty-fourths
19	ProductTicksInOneTwentyEighths	Product ticks in one-twenty-eighths
20	NormalRateRepresentation	Normal rate representation (e.g. FX rate)
21	InverseRateRepresentation	Inverse rate representation (e.g. FX rate)
22	BasisPoints	Basis points. When the price is not spread based.
23	UpfrontPoints	Up front points. Used specifically for CDS pricing.
24	InterestRate	Interest rate. When the price is an interest rate. For example, used with benchmark reference rate.
25	PercentageNotional	Percentage of notional

Used in components: [SpreadOrBenchmarkCurveData](#)

#### 170.2.222 BenchmarkSecurityID

The identifier of the benchmark security, e.g. Treasury against Corporate bond.

See SecurityID (tag 48) for description and valid values.

Type: [String](#)

Used in components: [SpreadOrBenchmarkCurveData](#)

#### 170.2.223 BenchmarkSecurityIDSource

Identifies class or source of the BenchmarkSecurityID(699) value.

Required if BenchmarkSecurityID is specified.

Type: **String**

Allowed values in SecurityIDSourceCodeSet:

Code	Name	Description
1	CUSIP	CUSIP
2	SEDOL	SEDOL
3	QUIK	QUIK
4	ISINNumber	ISIN
5	RICCode	RIC
6	ISOCurrencyCode	ISO Currency Code (ISO 4217)
7	ISOCountryCode	ISO Country Code
8	ExchangeSymbol	Exchange symbol
9	ConsolidatedTapeAssociation	Consolidated Tape Association (CTA) Symbol (SIAC CTS/CQS line format)
A	BloombergSymbol	Bloomberg Symbol
B	Wertpapier	Wertpapier
C	Dutch	Dutch
D	Valoren	Valoren
E	Sicovam	Sicovam
F	Belgian	Belgian
G	Common	"Common" (Clearstream and Euroclear)
H	ClearingHouse	Clearing house / Clearing organization
I	ISDAFpMLSpecification	ISDA/FpML product specification (XML in SecurityXML(1185))
J	OptionPriceReportingAuthority	Option Price Reporting Authority
K	ISDAFpMLURL	ISDA/FpML product URL (URL in SecurityID(48))
L	LetterOfCredit	Letter of credit
M	MarketplaceAssignedIdentifier	Marketplace-assigned Identifier
N	MarkitREDEntityCLIP	Markit RED entity CLIP
P	MarkitREDPairCLIP	Markit RED pair CLIP
Q	CFTCCommodityCode	CFTC commodity code
R	ISDACommodityReferencePrice	ISDA Commodity Reference Price
S	FinancialInstrumentGlobalIdentifier	Financial Instrument Global Identifier. An Object Management Group (OMG) standard. Also referred to as FIGI. Formerly known as "Bloomberg Open Symbology BBGID".
T	LegalEntityIdentifier	Legal entity identifier



Code	Name	Description
U	Synthetic	Synthetic. Used to specify that the security identifier is synthetic for linking nested underliers when there is no market identifier for the collection.
V	FidessaInstrumentMnemonic	Fidessa Instrument Mnemonic (FIM)
W	IndexName	Index name. Standard name of the index or rate index, e.g. "LIBOR" or "iTraxx Australia".
X	UniformSymbol	Uniform Symbol (UMTF Symbol)
Y	DigitalTokenIdentifier	Digital Token Identifier (ISO 24165)

Used in components: [SpreadOrBenchmarkCurveData](#)

#### 170.2.224 BidCompReqGrp

Name	Mult.	Type	Description
<a href="#">NoBidComponents</a>	[1..1]	NumInGroup	Used if BidType="Disclosed"
<a href="#">ListID</a>	[0..1]	String	Required if NoBidComponents > 0. Must be first field in repeating group.
<a href="#">Side</a>	[0..1]	CodeSet	When used in request for a "Disclosed" bid indicates that bid is required on assumption that SideValue1 is Buy or Sell. SideValue2 can be derived by inference.
<a href="#">TradingSessionID</a>	[0..1]	CodeSet	Indicates off-exchange type activities for Detail.
<a href="#">TradingSessionSubID</a>	[0..1]	CodeSet	
<a href="#">NetGrossInd</a>	[0..1]	CodeSet	Indicates Net or Gross for selling Detail.
<a href="#">SettlType</a>	[0..1]	CodeSet	
<a href="#">SettlDate</a>	[0..1]	LocalMktDate	Takes precedence over SettlType value and conditionally required/omitted for specific SettlType values.
<a href="#">Account</a>	[0..1]	String	
<a href="#">AcctIDSource</a>	[0..1]	CodeSet	

Used in messages: [BidRequest](#)

#### 170.2.225 BidCompRspGrp

Name	Mult.	Type	Description
NoBidComponents	[1..1]	NumInGroup	Number of bid repeating groups
CommissionData	[1..1]	Component	First element Commission required if NoBidComponents > 0.
ListID	[0..1]	String	
Country	[0..1]	Country	ISO Country Code
Side	[0..1]	CodeSet	When used in response to a "Disclosed" request indicates whether SideValue1 is Buy or Sell. SideValue2 can be derived by inference.
Price	[0..1]	Price	Second element of price
PriceType	[0..1]	CodeSet	
FairValue	[0..1]	Amt	The difference between the value of a future and the value of the underlying equities after allowing for the discounted cash flows associated with the underlying stocks (E.g. Dividends etc).
NetGrossInd	[0..1]	CodeSet	Net/Gross
SettlType	[0..1]	CodeSet	
SettlDate	[0..1]	LocalMktDate	Takes precedence over SettlType value and conditionally required/omitted for specific SettlType values.
TradingSessionID	[0..1]	CodeSet	
TradingSessionSubID	[0..1]	CodeSet	
Text	[0..1]	String	
EncodedTextLen	[0..1]	Length	Must be set if EncodedText field is specified and must immediately precede it.
EncodedText	[0..1]	data	Encoded (non-ASCII characters) representation of the Text field in the encoded format specified via the MessageEncoding field.

Used in messages: [BidResponse](#)

### 170.2.226 BidDescReqGrp

Name	Mult.	Type	Description
NoBidDescriptors	[1..1]	NumInGroup	Used if BidType="Non Disclosed"
BidDescriptorType	[0..1]	CodeSet	Required if NoBidDescriptors > 0. Must be first field in repeating group.

Name	Mult.	Type	Description
BidDescriptor	[0..1]	String	
SideValueInd	[0..1]	CodeSet	Refers to the SideValue1 or SideValue2. These are used as opposed to Buy or Sell so that the basket can be quoted either way as Buy or Sell.
LiquidityValue	[0..1]	Amt	Value between LiquidityPctLow and LiquidityPctHigh in Currency
LiquidityNumSecurities	[0..1]	int	Number of Securites between LiquidityPctLow and LiquidityPctHigh in Currency
LiquidityPctLow	[0..1]	Percentage	Liquidity indicator or lower limit if LiquidityNumSecurities > 1
LiquidityPctHigh	[0..1]	Percentage	Upper liquidity indicator if LiquidityNumSecurities > 1
EFPTackingError	[0..1]	Percentage	Eg Used in EFP (Exchange For Physical) trades 12%
FairValue	[0..1]	Amt	Used in EFP trades
OutsideIndexPct	[0..1]	Percentage	Used in EFP trades
ValueOfFutures	[0..1]	Amt	Used in EFP trades

Used in messages: [BidRequest](#)

### 170.2.227 BidDescriptor

BidDescriptor value. Usage depends upon BidDescriptorTyp (399).

If BidDescriptorType = 1

Industrials etc - Free text

If BidDescriptorType = 2

"FR" etc - ISO Country Codes

If BidDescriptorType = 3

FT00, FT250, STOXX - Free text

Type: [String](#)

Used in groups: [BidDescReqGrp](#)

### 170.2.228 BidDescriptorType

Code to identify the type of BidDescriptor (400).

Type: **int**

Allowed values in BidDescriptorTypeCodeSet:

---

Code	Name	Description
1	Sector	Sector
2	Country	Country
3	Index	Index

---

Used in groups: **BidDescReqGrp**

#### **170.2.229 BidForwardPoints**

Bid F/X forward points added to spot rate. May be a negative value.

Type: **PriceOffset**

Used in groups: **QuotEntryAckGrp, QuotEntryGrp**

Used in messages: **Quote, QuoteResponse, QuoteStatusReport**

#### **170.2.230 BidForwardPoints2**

Bid F/X forward points of the future portion of a F/X swap quote added to spot rate. May be a negative value.

Type: **PriceOffset**

Used in groups: **QuotEntryAckGrp, QuotEntryGrp**

Used in messages: **Quote, QuoteResponse, QuoteStatusReport**

#### **170.2.231 BidID**

For bid lists, unique identifier for BidResponse(35=I) as assigned by sell-side (broker, exchange, ECN). Uniqueness must be guaranteed within a single trading day.

For quotes, unique identifier for the bid side of the quote assigned by the quote issuer.

Type: **String**

Used in messages: **BidRequest, BidResponse, ListExecute, NewOrderList, Quote, QuoteStatusReport**

**170.2.232 BidMDEntryID**

The market data entry identifier of the bid side of a quote

Type: **String**

Used in messages: **QuoteStatusReport**

**170.2.233 BidPx**

Bid price/rate

Type: **Price**

Used in groups: **QuotEntryAckGrp, QuotEntryGrp**

Used in messages: **Quote, QuoteResponse, QuoteStatusReport**

**170.2.234 BidQuoteID**

Marketplace assigned quote identifier for the bid side. Can be used to indicate priority.

Type: **String**

Used in messages: **QuoteStatusReport**

**170.2.235 BidRequestTransType**

Identifies the Bid Request message type.

Type: **char**

Allowed values in BidRequestTransTypeCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
C	Cancel	Cancel
N	New	New

---

Used in messages: **BidRequest**

### **170.2.236 BidSize**

Quantity of bid

(Prior to FIX 4.2 this field was of type int)

Type: Qty

Used in groups: QuotEntryAckGrp, QuotEntryGrp

Used in messages: Quote, QuoteResponse, QuoteStatusReport

### **170.2.237 BidSpotRate**

Bid F/X spot rate.

Type: Price

Used in groups: QuotEntryAckGrp, QuotEntryGrp

Used in messages: Quote, QuoteResponse, QuoteStatusReport

### **170.2.238 BidSpread**

Basis points relative to a benchmark curve on the bid side, such as LIBOR, or a known security, such as 10Y US Treasury bond. The benchmark security or curve name is specified in the SpreadOrBenchmarkCurveData component.

Type: float

Used in messages: Quote

### **170.2.239 BidSwapPoints**

The bid FX Swap points for an FX Swap. It is the "far bid forward points - near offer forward point". Value can be negative. Expressed in decimal form. For example, 61.99 points is expressed and sent as 0.006199

Type: PriceOffset

Used in messages: Quote

### 170.2.240 BidTradeType

Code to represent the type of trade.

(Prior to FIX 4.4 this field was named "TradeType")

Type: **char**

Allowed values in BidTradeTypeCodeSet:

---

Code	Name	Description
A	Agency	Agency
G	VWAPGuarantee	VWAP Guarantee
J	GuaranteedClose	Guaranteed Close
R	RiskTrade	Risk Trade

---

Used in messages: **BidRequest**

### 170.2.241 BidType

Code to identify the type of Bid Request.

Type: **int**

Allowed values in BidTypeCodeSet:

---

Code	Name	Description
1	NonDisclosed	"Non Disclosed" style (e.g. US/European)
2	Disclosed	"Disclosed" style (e.g. Japanese)
3	NoBiddingProcess	No bidding process

---

Used in messages: **BidRequest, NewOrderList**

### 170.2.242 BidYield

Bid yield

Type: **Percentage**

Used in groups: **QuotEntryAckGrp, QuotEntryGrp**

Used in messages: **Quote, QuoteResponse, QuoteStatusReport**

**170.2.243 BlockTradeEligibilityIndicator**

Indicates if a given instrument is eligible for block trading.

Type: **Boolean**

Used in components: **Instrument**

**170.2.244 BlockTrdAllocIndicator**

Indication that a block trade will be allocated.

Type: **int**

Allowed values in BlockTrdAllocIndicatorCodeSet:

Code	Name	Description
0	BlockToBeAllocated	Block to be allocated
1	BlockNotToBeAllocated	Block not to be allocated
2	AllocatedTrade	Allocated trade. A sub-trade of a block trade.

Used in groups: **TrdCapRptSideGrp**

**170.2.245 BodyLength**

Message length, in bytes, forward to the CheckSum field. ALWAYS SECOND FIELD IN MESSAGE. (Always unencrypted)

Type: **Length**

Used in components: **StandardHeader**

**170.2.246 BookingRefID**

Common reference passed to a post-trade booking process (e.g. industry matching utility).

Type: **String**

Used in messages: **AllocationInstruction, AllocationInstructionAlert, AllocationReport**



**170.2.247 BookingType**

Method for booking out this order. Used when notifying a broker that an order to be settled by that broker is to be booked out as an OTC derivative (e.g. CFD or similar).

Type: **int**

Allowed values in BookingTypeCodeSet:

Code	Name	Description
0	RegularBooking	Regular booking
1	CFD	CFD (Contract for difference)
2	TotalReturnSwap	Total Return Swap

Used in components: **TradeReportOrderDetail**

Used in groups: **ListOrdGrp, QuotEntryAckGrp, QuotEntryGrp, SideCrossOrdModGrp**

Used in messages: **AllocationInstruction, AllocationInstructionAlert, AllocationReport, ExecutionReport, MultilegOrderCancelReplace, NewOrderMultileg, NewOrderSingle, OrderCancelReplaceRequest, Quote, QuoteRequest, QuoteStatusReport**

**170.2.248 BookingUnit**

Indicates what constitutes a bookable unit.

Type: **char**

Allowed values in BookingUnitCodeSet:

Code	Name	Description
0	EachPartialExecutionIsABookableUnit	Each partial execution is a bookable unit
1	AggregatePartialExecutionsOnThisOrder	Aggregate partial executions on this order, and book one trade per order
2	AggregateExecutionsForThisSymbol	Aggregate executions for this symbol, side, and settlement date

Used in groups: **ListOrdGrp, SideCrossOrdModGrp**

Used in messages: **ExecutionReport, MultilegOrderCancelReplace, NewOrderMultileg, NewOrderSingle, OrderCancelReplaceRequest**

**170.2.249 BrokerConfirmationDesc**

Describes the type of broker confirmation executed between the parties. Can be used as an alternative to MasterConfirmationDesc(1962). See <http://www.fpml.org/coding-scheme/broker-confirmation-type> for values.

Type: **String**

Used in components: **FinancingDetails**

**170.2.250 BusinessCenter**

A business center whose calendar is used for date adjustment, e.g. "GBLO". See <http://www.fpml.org/coding-scheme/business-center> for standard 4-character code values.

Type: **String**

Used in groups: **BusinessCenterGrp**

**170.2.251 BusinessCenterGrp**

BusinessCenterGrp is a repeating subcomponent within the DateAdjustment component. It is used to specify the set of business centers whose calendars drive the date adjustment. The business centers defined here apply to all adjustable dates in the instrument unless specifically overridden in the respective specified components elsewhere.

---

Name	Mult.	Type	Description
NoBusinessCenters	[1..1]	NumInGroup	
BusinessCenter	[0..1]	String	Required if NoBusinessCenters(40278) > 0.

---

Used in components: **DateAdjustment**

**170.2.252 BusinessDayConvention**

The business day convention used for adjusting dates. The value defined here applies to all adjustable dates in the instrument unless specifically overridden.

Type: **int**

Allowed values in BusinessDayConventionCodeSet:

Code	Name	Description
0	NotApplicable	Not applicable. Business day convention is not applicable.
1	None	None (current day)
2	FollowingDay	Following day. The following business day.
3	FloatingRateNote	Floating rate note. The FRN business day convention.
4	ModifiedFollowingDay	Modified following day. The modified following business day.
5	PrecedingDay	Preceding day. The preceding business day.
6	ModifiedPrecedingDay	Modified preceding day. The modified preceding business day.
7	NearestDay	Nearest day. The nearest applicable business day.

Used in components: [DateAdjustment](#)

### 170.2.253 BusinessDayType

Relative identification of a business day.

Type: [int](#)

Allowed values in BusinessDayConventionCodeSet:

Code	Name	Description
0	NotApplicable	Not applicable. Business day convention is not applicable.
1	None	None (current day)
2	FollowingDay	Following day. The following business day.
3	FloatingRateNote	Floating rate note. The FRN business day convention.
4	ModifiedFollowingDay	Modified following day. The modified following business day.
5	PrecedingDay	Preceding day. The preceding business day.
6	ModifiedPrecedingDay	Modified preceding day. The modified preceding business day.
7	NearestDay	Nearest day. The nearest applicable business day.

Used in groups: [ClearingPriceParametersGrp](#)

### 170.2.254 BusinessRejectReason

Code to identify reason for a Business Message Reject message.

Type: [int](#)

Allowed values in BusinessRejectReasonCodeSet:

Code	Name	Description
0	Other	Other
1	UnknownID	Unknown ID
2	UnknownSecurity	Unknown Security
3	UnsupportedMessageType	Unsupported Message Type
4	ApplicationNotAvailable	Application not available
5	ConditionallyRequiredFieldMissing	Conditionally required field missing
6	NotAuthorized	Not Authorized
7	DeliverToFirmNotAvailableAtThis-Time	DeliverTo firm not available at this time
8	ThrottleLimitExceeded	Throttle limit exceeded
9	ThrottleLimitExceededSessionDis-connected	Throttle limit exceeded, session will be disconnected
10	ThrottledMessagesRejectedOnRe-quest	Throttled messages rejected on request
18	InvalidPriceIncrement	Invalid price increment

Used in messages: [BusinessMessageReject](#)

#### **170.2.255 BusinessRejectRefID**

The value of the business-level "ID" field on the message being referenced.

Type: [String](#)

Used in messages: [BusinessMessageReject](#)

#### **170.2.256 BuyVolume**

Quantity bought.

Type: [Qty](#)

Used in messages: [SecurityStatus](#)

**170.2.257 CalculatedCcyLastQty**

Used for the calculated quantity of the other side of the currency trade. Can be derived from LastQty and LastPx.

Type: Qty

Used in messages: ExecutionReport, TradeCaptureReport, TradeCaptureReportAck

**170.2.258 CalculationMethod**

Specifies how the calculation will be made.

Type: int

Allowed values in CalculationMethodCodeSet:

---

Code	Name	Description
0	Automatic	Automatic (default).
1	Manual	Manual.

---

Used in groups: ClearingPriceParametersGrp

**170.2.259 CancellationRights**

For CIV - A one character code identifying whether Cancellation rights/Cooling off period applies.

Type: char

Allowed values in CancellationRightsCodeSet:

---

Code	Name	Description
Y	Yes	Yes
N	NoExecutionOnly	No - Execution Only
M	NoWaiverAgreement	No - Waiver agreement
O	NoInstitutional	No - Institutional

---

Used in messages: CrossOrderCancelReplaceRequest, ExecutionReport, MultilegOrderCancelReplace, NewOrderCross, NewOrderList, NewOrderMultileg, NewOrderSingle, OrderCancelReplaceRequest

#### **170.2.260 CancelText**

Identifies the reason for cancelation.

Type: **String**

Used in messages: **PayManagementRequest**

#### **170.2.261 CapPrice**

Used to express the ceiling price of a capped call

Type: **Price**

Used in components: **Instrument**

#### **170.2.262 CardExpDate**

The expiry date of the payment card as specified on the card being used for payment.

Type: **LocalMktDate**

Used in groups: **SettlInstGrp**

#### **170.2.263 CardHolderName**

The name of the payment card holder as specified on the card being used for payment.

Type: **String**

Used in groups: **SettlInstGrp**

#### **170.2.264 CardIssNum**

The issue number of the payment card as specified on the card being used for payment. This is only applicable to certain types of card.

Type: **String**

Used in groups: **SettlInstGrp**

#### **170.2.265 CardNumber**

The number of the payment card as specified on the card being used for payment.

Type: **String**

Used in groups: **SettlInstGrp**

#### **170.2.266 CardStartDate**

The start date of the card as specified on the card being used for payment.

Type: **LocalMktDate**

Used in groups: **SettlInstGrp**

#### **170.2.267 CashDistribAgentAcctName**

Name of account at agent bank for distributions.

Type: **String**

Used in groups: **RgstDistInstGrp**

#### **170.2.268 CashDistribAgentAcctNumber**

Account number at agent bank for distributions.

Type: **String**

Used in groups: **RgstDistInstGrp**

#### **170.2.269 CashDistribAgentCode**

BIC (Bank Identification Code–Swift managed) code of agent bank for cash distributions

Type: **String**

Used in groups: **RgstDistInstGrp**

**170.2.270 CashDistribAgentName**

Name of local agent bank if for cash distributions

Type: **String**

Used in groups: **RgstDistInstGrp**

**170.2.271 CashDistribCurr**

Specifies currency to be used for Cash Distributions see "Appendix 6-A Valid Currency Codes".

Type: **Currency**

Used in groups: **RgstDistInstGrp**

**170.2.272 CashDistribPayRef**

Free format Payment reference to assist with reconciliation of distributions.

Type: **String**

Used in groups: **RgstDistInstGrp**

**170.2.273 CashMargin**

Identifies whether an order is a margin order or a non-margin order. This is primarily used when sending orders to Japanese exchanges to indicate sell margin or buy to cover. The same tag could be assigned also by buy-side to indicate the intent to sell or buy margin and the sell-side to accept or reject (base on some validation criteria) the margin request.

Type: **char**

Allowed values in CashMarginCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
1	Cash	Cash
2	MarginOpen	Margin Open
3	MarginClose	Margin Close

---

Used in groups: **ListOrdGrp, SideCrossOrdModGrp**



Used in messages: [ExecutionReport](#), [MultilegOrderCancelReplace](#), [NewOrderMultileg](#), [NewOrderSingle](#), [OrderCancelReplaceRequest](#)

#### **170.2.274 CashOrderQty**

Specifies the approximate order quantity desired in total monetary units vs. as tradeable units (e.g. number of shares). The broker or fund manager (for CIV orders) would be responsible for converting and calculating a tradeable unit (e.g. share) quantity (OrderQty (38)) based upon this amount to be used for the actual order and subsequent messages.

Type: [Qty](#)

Used in components: [OrderQtyData](#)

#### **170.2.275 CashOutstanding**

Starting consideration less repayments

Type: [Amt](#)

Used in messages: [CollateralAssignment](#), [CollateralInquiry](#), [CollateralReport](#), [CollateralRequest](#), [CollateralResponse](#)

#### **170.2.276 CashSettlAccruedInterestIndicator**

Indicates whether accrued interest is included or not in the value provided in CashSettlAmount(40034). For cash settlement this specifies whether quotations should be obtained inclusive or not of accrued interest.

For physical settlement this specifies whether the buyer should deliver the obligation with an outstanding principal balance that includes or excludes accrued interest.

Type: [Boolean](#)

Used in groups: [CashSettlTermGrp](#)

#### **170.2.277 CashSettlAmount**

The amount paid between the trade parties, seller to the buyer, for cash settlement on the cash settlement date.

Type: [Amt](#)

Used in groups: [CashSettlTermGrp](#)

#### **170.2.278 CashSettlBusinessCenter**

Identifies the business center calendar used at valuation time for cash settlement purposes e.g. "GBLO". See <http://www.fpml.org/coding-scheme/business-center> for standard 4-character code values.

Type: **String**

Used in groups: **CashSettlTermGrp**

#### **170.2.279 CashSettlBusinessDays**

The number of business days used in the determination of the cash settlement payment date.

Type: **int**

Used in groups: **CashSettlTermGrp**

#### **170.2.280 CashSettlCurrency**

Specifies the currency the CashSettlAmount(40034) is denominated in. Uses ISO 4217 currency codes.

Type: **Currency**

Used in groups: **CashSettlTermGrp**

#### **170.2.281 CashSettlDateAdjusted**

The adjusted cash settlement date.

Type: **LocalMktDate**

Used in components: **CashSettlDate**

#### **170.2.282 CashSettlDateBusinessCenter**

The business center calendar used for date adjustment of the cash settlement unadjusted or relative date, e.g. "GBLO".

See <http://www.fpml.org/coding-scheme/business-center> for standard 4-character code values.

Type: **String**

Used in groups: **CashSettlDateBusinessCenterGrp**

### 170.2.283 CashSettlDateBusinessCenterGrp

CashSettlDateBusinessCenterGrp is a repeating subcomponent within the CashSettlDate component. It is used to specify the set of business centers whose calendars drive the date adjustment. Used only to override the business centers defined in the DateAdjustment component within the Instrument component.

Name	Mult.	Type	Description
NoCashSettlDateBusinessCenters	[1..1]	NumInGroup	
CashSettlDateBusinessCenter	[0..1]	String	Required if NoCashSettlDateBusinessCenters(42214) > 0.

Used in components: [CashSettlDate](#)

### 170.2.284 CashSettlDateBusinessDayConvention

The business day convention used to adjust the cash settlement provision's date. Used only to override the business day convention defined in the Instrument component.

Type: [int](#)

Allowed values in BusinessDayConventionCodeSet:

Code	Name	Description
0	NotApplicable	Not applicable. Business day convention is not applicable.
1	None	None (current day)
2	FollowingDay	Following day. The following business day.
3	FloatingRateNote	Floating rate note. The FRN business day convention.
4	ModifiedFollowingDay	Modified following day. The modified following business day.
5	PrecedingDay	Preceding day. The preceding business day.
6	ModifiedPrecedingDay	Modified preceding day. The modified preceding business day.
7	NearestDay	Nearest day. The nearest applicable business day.

Used in components: [CashSettlDate](#)

**170.2.285 CashSettlDate**

The CashSettlDate component is a subcomponent within the CashSettlTermGrp component used to report the cash settlement date defined in the settlement provision.

Name	Mult.	Type	Description
CashSettlDateUnadjusted	[0..1]	LocalMktDate	
CashSettlDateBusinessDayConvention	[0..1]	CodeSet	When specified, this overrides the business day convention defined in the DateAdjustment component in the Instrument component. The specified value would be specific to this instance of the cash settlement provision.
CashSettlDateBusinessCenterGrp	[0..*]	Group	When specified, this overrides the business centers defined in the DateAdjustment component in the Instrument component. The specified values would be specific to this instance of the cash settlement provision.
CashSettlDateRelativeTo	[0..1]	int	
CashSettlDateOffsetPeriod	[0..1]	int	Conditionally required when CashSettlDateOffsetUnit(42211) is specified.
CashSettlDateOffsetUnit	[0..1]	CodeSet	Conditionally required when CashSettlDateOffsetPeriod(42210) is specified.
CashSettlDateOffsetDayType	[0..1]	CodeSet	
CashSettlDateAdjusted	[0..1]	LocalMktDate	

Used in groups: [CashSettlTermGrp](#)

**170.2.286 CashSettlDateOffsetDayType**

Specifies the day type of the relative cash settlement date offset.

Type: [int](#)

Allowed values in PaymentStreamPaymentDateOffsetDayTypeCodeSet:

Code	Name	Description
0	Business	Business
1	Calendar	Calendar
2	CommodityBusiness	Commodity business

---

Code	Name	Description
3	CurrencyBusiness	Currency business
4	ExchangeBusiness	Exchange business
5	ScheduledTradingDay	Scheduled trading day

---

Used in components: [CashSettlDate](#)

#### **170.2.287 CashSettlDateOffsetPeriod**

Time unit multiplier for the relative cash settlement date offset.

Type: [int](#)

Used in components: [CashSettlDate](#)

#### **170.2.288 CashSettlDateOffsetUnit**

Time unit associated with the relative cash settlement date offset.

Type: [String](#)

Allowed values in PaymentStreamPaymentDateOffsetUnitCodeSet:

---

Code	Name	Description
D	Day	Day
Wk	Week	Week
Mo	Month	Month
Yr	Year	Year

---

Used in components: [CashSettlDate](#)

#### **170.2.289 CashSettlDateRelativeTo**

Specifies the anchor date when the cash settlement date is relative to an anchor date.

See [http://www.fixtradingcommunity.org/codelists#Relative\\_To\\_Date](http://www.fixtradingcommunity.org/codelists#Relative_To_Date) for values.

Type: [int](#)

Used in components: [CashSettlDate](#)

**170.2.290 CashSettlDateUnadjusted**

The unadjusted cash settlement date.

Type: [LocalMktDate](#)

Used in components: [CashSettlDate](#)

**170.2.291 CashSettlDealer**

Identifies the dealer from whom price quotations for the reference obligation are obtained for the purpose of cash settlement valuation calculation.

Type: [String](#)

Used in groups: [CashSettlDealerGrp](#)

**170.2.292 CashSettlDealerGrp**

CashSettlDealerGrp is a repeating subcomponent within the CashSettlTermGrp component. It is used to specify the dealers from whom price quotations for the reference obligation are obtained for the purpose of cash settlement valuation.

Name	Mult.	Type	Description
<a href="#">NoCashSettlDealers</a>	[1..1]	NumInGroup	
<a href="#">CashSettlDealer</a>	[0..1]	String	Required if NoCashSettlDealers(40277) > 0.

Used in groups: [CashSettlTermGrp](#)

**170.2.293 CashSettlFixedTermIndicator**

Indicates whether fixed settlement is applicable or not applicable in a recovery lock.

Type: [Boolean](#)

Used in groups: [CashSettlTermGrp](#)

**170.2.294 CashSettlMinimumQuoteAmount**

When determining the cash settlement amount, if weighted average price quotes are to be obtained for the reference obligation, this is the minimum intended threshold amount of outstanding principal balance of the reference obligation for which the quote should be obtained. If not specified, the ISDA definitions provide for a fallback amount of the lower of either USD1,000,000 (or its equivalent in the relevant obligation currency) or the (minimum) quoted amount.

Type: **Amt**

Used in groups: **CashSettlTermGrp**

**170.2.295 CashSettlMinimumQuoteCurrency**

Specifies the currency the CashSettlMinimumQuoteAmount(40030) is denominated in. Uses ISO 4217 Currency Code.

Type: **Currency**

Used in groups: **CashSettlTermGrp**

**170.2.296 CashSettlNumOfValuationDates**

Where multiple valuation dates are specified as being applicable for cash settlement, this specifies the number of applicable valuation dates.

Type: **int**

Used in groups: **CashSettlTermGrp**

**170.2.297 CashSettlPriceDefault**

The default election for determining settlement price.

Type: **int**

Allowed values in CashSettlPriceDefaultCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	Close	Close. Official closing price.
1	Hedge	Hedge. Determined by the hedging party.

---

Used in groups: **CashSettlTermGrp**

**170.2.298 CashSettlPriceSource**

The source from which the settlement price is to be obtained.

See <http://www.fpml.org/coding-scheme/settlement-price-source> for values.

Type: **String**

Used in groups: **CashSettlTermGrp**

**170.2.299 CashSettlQuoteAmount**

When determining the cash settlement amount, if weighted average price quotes are to be obtained for the reference obligation, this is the upper limit to the outstanding principal balance of the reference obligation for which the quote should be obtained. If not specified, the ISDA definitions provide for a fallback amount equal to floating rate payer calculation amount.

Type: **Amt**

Used in groups: **CashSettlTermGrp**

**170.2.300 CashSettlQuoteCurrency**

Specifies the currency the CashSettlQuoteAmount(40028) is denominated in. Uses ISO 4217 Currency Code.

Type: **Currency**

Used in groups: **CashSettlTermGrp**

**170.2.301 CashSettlQuoteMethod**

The type of quote used to determine the cash settlement price.

Type: **int**

Allowed values in CashSettlQuoteMethodCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	Bid	Bid
1	Mid	Mid
2	Offer	Offer

---



Used in groups: [CashSettlTermGrp](#)

### 170.2.302 CashSettlRecoveryFactor

Used for fixed recovery, this specifies the recovery level as determined at contract inception, to be applied in the event of a default. The factor is used to calculate the amount paid by the seller to the buyer for cash settlement on the cash settlement date. The amount calculated is  $(1 - \text{CashSettlRecoveryFactor}(40035)) \times \text{floating rate payer calculation amount}$ . The currency is derived from the floating rate payer calculation amount.

Type: [float](#)

Used in groups: [CashSettlTermGrp](#)

### 170.2.303 CashSettlTermGrp

The CashSettlTermGrp is a repeating component within the Instrument component used to report cash settlement terms referenced from UnderlyingInstruments.

Name	Mult.	Type	Description
<a href="#">NoCashSettlTerms</a>	[1..1]	NumInGroup	
<a href="#">CashSettlCurrency</a>	[0..1]	Currency	Required if <a href="#">NoCashSettlTerms(40022)</a> > 0.
<a href="#">CashSettlValuationFirstBusinessDay-Offset</a>	[0..1]	int	
<a href="#">CashSettlValuationSubsequentBusinessDaysOffset</a>	[0..1]	int	
<a href="#">CashSettlNumOfValuationDates</a>	[0..1]	int	
<a href="#">CashSettlValuationTime</a>	[0..1]	LocalMktTime	
<a href="#">CashSettlBusinessCenter</a>	[0..1]	String	
<a href="#">CashSettlQuoteMethod</a>	[0..1]	CodeSet	
<a href="#">CashSettlQuoteAmount</a>	[0..1]	Amt	
<a href="#">CashSettlQuoteCurrency</a>	[0..1]	Currency	
<a href="#">CashSettlMinimumQuoteAmount</a>	[0..1]	Amt	
<a href="#">CashSettlMinimumQuoteCurrency</a>	[0..1]	Currency	
<a href="#">CashSettlDealerGrp</a>	[0..*]	Group	
<a href="#">CashSettlPriceSource</a>	[0..1]	String	
<a href="#">CashSettlPriceDefault</a>	[0..1]	CodeSet	
<a href="#">CashSettlBusinessDays</a>	[0..1]	int	

Name	Mult.	Type	Description
CashSettlAmount	[0..1]	Amt	
CashSettlDate	[0..1]	Component	
CashSettlRecoveryFactor	[0..1]	float	
CashSettlFixedTermIndicator	[0..1]	Boolean	
CashSettlAccruedInterestIndicator	[0..1]	Boolean	
CashSettlValuationMethod	[0..1]	CodeSet	
CashSettlTermXID	[0..1]	XID	

---

Used in components: [Instrument](#)

#### **170.2.304 CashSettlTermXID**

A named string value referenced by UnderlyingSettlTermXIDRef(41315).

Type: [XID](#)

Used in groups: [CashSettlTermGrp](#)

#### **170.2.305 CashSettlValuationFirstBusinessDayOffset**

The number of business days after settlement conditions have been satisfied, when the calculation agent is to obtain a price quotation on the reference obligation for the purpose of cash settlement.

Type: [int](#)

Used in groups: [CashSettlTermGrp](#)

#### **170.2.306 CashSettlValuationMethod**

The ISDA defined methodology for determining the final price of the reference obligation for purposes of cash settlement.

Type: [int](#)

Allowed values in CashSettlValuationMethodCodeSet:

---

Code	Name	Description
0	Market	Market
1	Highest	Highest
2	AverageMarket	Average market
3	AverageHighest	Average highest
4	BlendedMarket	Blended market
5	BlendedHighest	Blended highest
6	AverageBlendedMarket	Average blended market
7	AverageBlendedHighest	Average blended highest

---

Used in groups: [CashSettlTermGrp](#)

#### **170.2.307 CashSettlValuationSubsequentBusinessDaysOffset**

The number of business days between successive valuation dates when multiple valuation dates are applicable for cash settlement.

Type: [int](#)

Used in groups: [CashSettlTermGrp](#)

#### **170.2.308 CashSettlValuationTime**

The time of valuation.

Type: [LocalMktTime](#)

Used in groups: [CashSettlTermGrp](#)

#### **170.2.309 CcyAmt**

Net flow of Currency 1

Type: [Amt](#)

Used in groups: [SettlObligationInstructions](#)

**170.2.310 CFICode**

Indicates the type of security using ISO 10962 standard, Classification of Financial Instruments (CFI code) values. ISO 10962 is maintained by ANNA (Association of National Numbering Agencies) acting as Registration Authority. See "Appendix 6-B FIX Fields Based Upon Other Standards". See also the Product (460) and SecurityType (167) fields. It is recommended that CFICode be used instead of SecurityType (167) for non-Fixed Income instruments.

A subset of possible values applicable to FIX usage are identified in "Appendix 6-D CFICode Usage - ISO 10962 Classification of Financial Instruments (CFI code)"

Type: **String**

Used in components: **Instrument**

Used in groups: **SecTypesGrp, SettlInstGrp**

Used in messages: **SettlementInstructionRequest**

**170.2.311 CheckSum**

Three byte, simple checksum (see Volume 2: "Checksum Calculation" for description). ALWAYS LAST FIELD IN MESSAGE; i.e. serves, with the trailing <SOH>, as the end-of-message delimiter. Always defined as three characters. (Always unencrypted)

Type: **String**

Used in components: **StandardTrailer**

**170.2.312 ClearedIndicator**

Indicates whether the trade or position being reported was cleared through a clearing organization.

Type: **int**

Allowed values in ClearedIndicatorCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	NotCleared	Not cleared. Trade or position has not yet been submitted for clearing.
1	Cleared	Cleared. Trade or position has been successfully cleared.
2	Submitted	Submitted. Trade or position has been submitted for clearing.
3	Rejected	Rejected. Trade or position was rejected by clearing.

---

Used in groups: [AllocAckGrp](#)

Used in messages: [Confirmation](#), [PositionMaintenanceReport](#), [PositionReport](#), [TradeCaptureReport](#)

### 170.2.313 ClearingAccountType

Designates the account type to be used for the order when submitted to clearing.

Type: [int](#)

Allowed values in ClearingAccountTypeCodeSet:

Code	Name	Description
1	Customer	Customer
2	Firm	Firm
3	MarketMaker	Market maker

Used in groups: [ClearingAccountTypeGrp](#), [SideCrossOrdModGrp](#)

Used in messages: [ExecutionReport](#), [MassOrder](#), [MassOrderAck](#), [MultilegOrderCancelReplace](#), [NewOrderMultileg](#), [NewOrderSingle](#), [OrderCancelReplaceRequest](#)

### 170.2.314 ClearingAccountTypeGrp

The ClearingAccountTypeGrp component is used specify the type of clearing account types.

Name	Mult.	Type	Description
<a href="#">NoClearingAccountTypes</a>	[1..1]	NumInGroup	
<a href="#">ClearingAccountType</a>	[0..1]	CodeSet	Required if <a href="#">NoClearingAccountTypes(1918)</a> > 0.

Used in groups: [PriceMovementGrp](#)

### 170.2.315 ClearingBusinessDate

The business date for which the trade is expected to be cleared.

Type: [LocalMktDate](#)

Used in messages: [AccountSummaryReport](#), [AdjustedPositionReport](#), [AllocationInstruction](#), [AllocationInstructionAlert](#), [AllocationReport](#), [AllocationReportAck](#), [AssignmentReport](#), [CollateralAssignment](#), [CollateralInquiry](#), [CollateralInquiryAck](#), [CollateralReport](#), [CollateralRequest](#), [CollateralResponse](#), [ContraryIntentionReport](#), [DerivativeSecurityList](#), [MarginRequirementInquiry](#), [MarginRequirementInquiryAck](#), [MarginRequirementReport](#), [MarketDataSnapshotFullRefresh](#), [PayManagementReport](#), [PayManagementRequest](#), [PositionMaintenanceReport](#), [PositionMaintenanceRequest](#), [PositionReport](#), [PositionTransferInstruction](#), [PositionTransferReport](#), [RegistrationInstructions](#), [RequestForPositions](#), [RequestForPositionsAck](#), [SecurityDefinition](#), [SecurityDefinitionUpdateReport](#), [SecurityList](#), [SecurityListUpdateReport](#), [SettlementObligationReport](#), [TradeCaptureReport](#), [TradeCaptureReportAck](#), [TradeCaptureReportRequest](#), [TradeMatchReport](#)

### 170.2.316 ClearingFeeIndicator

Indicates type of fee being assessed of the customer for trade executions at an exchange. Applicable for futures markets only at this time.

(Values source CBOT, CME, NYBOT, and NYMEX):

Type: [String](#)

Allowed values in ClearingFeeIndicatorCodeSet:

---

Code	Name	Description
1	FirstYearDelegate	1st year delegate trading for own account
2	SecondYearDelegate	2nd year delegate trading for own account
3	ThirdYearDelegate	3rd year delegate trading for own account
4	FourthYearDelegate	4th year delegate trading for own account
5	FifthYearDelegate	5th year delegate trading for own account
9	SixthYearDelegate	6th year delegate trading for own account
B	CBOEMember	CBOE Member
C	NonMemberAndCustomer	Non-member and Customer
E	EquityMemberAndClearingMember	Equity Member and Clearing Member
F	FullAndAssociateMember	Full and Associate Member trading for own account and as floor brokers
H	Firms106HAnd106J	106.H and 106.J firms
I	GIM	GIM, IDEM and COM Membership Interest Holders
L	Lessee106FEmployees	Lessee 106.F Employees
M	AllOtherOwnershipTypes	All other ownership types

---

Used in groups: [AllocGrp](#), [ListOrdGrp](#), [SideCrossOrdModGrp](#), [TrdCapRptSideGrp](#), [TrdMatchSideGrp](#)

Used in messages: [ExecutionReport](#), [MultilegOrderCancelReplace](#), [NewOrderMultileg](#), [NewOrderSingle](#), [OrderCancelReplaceRequest](#), [TradeCaptureReportAck](#)

### 170.2.317 ClearingInstruction

Eligibility of this trade for clearing and central counterparty processing.

Type: [int](#)

Allowed values in ClearingInstructionCodeSet:

---

Code	Name	Description
0	ProcessNormally	Process normally
1	ExcludeFromAllNetting	Exclude from all netting
2	BilateralNettingOnly	Bilateral netting only
3	ExClearing	Ex clearing
4	SpecialTrade	Special trade
5	MultilateralNetting	Multilateral netting
6	ClearAgainstCentralCounterparty	Clear against central counterparty
7	ExcludeFromCentralCounterparty	Exclude from central counterparty
8	ManualMode	Manual mode (pre-posting and/or pre-giveup)
9	AutomaticPostingMode	Automatic posting mode (trade posting to the position account number specified)
10	AutomaticGiveUpMode	Automatic give-up mode (trade give-up to the give-up destination number specified)
11	QualifiedServiceRepresentativeQSR	Qualified Service Representative QSR
12	CustomerTrade	Customer trade
13	SelfClearing	Self clearing
14	BuyIn	Buy-in

---

Used in groups: [ClrInstGrp](#)

### 170.2.318 ClearingIntention

Specifies the party's or parties' intention to clear the trade.

Type: [int](#)

Allowed values in ClearingIntentionCodeSet:

Code	Name	Description
0	DoNotIntendToClear	Do not intend to clear
1	IntendToClear	Intend to clear

Used in messages: [TradeCaptureReport](#)

### 170.2.319 ClearingPortfolioID

When the transaction is cleared and included in a portfolio of transactions this identifies the portfolio by its unique identifier.

Type: [String](#)

Used in messages: [MarginRequirementReport](#), [PositionReport](#), [TradeCaptureReport](#)

### 170.2.320 ClearingPriceOffset

Constant value required for the calculation of the clearing price, e.g. for variance futures.

Type: [PriceOffset](#)

Used in groups: [ClearingPriceParametersGrp](#)

### 170.2.321 ClearingPriceParametersGrp

This component is used convey parameters that are relevant for the calculation of clearing prices that are different from the trading prices due to the nature of the product, e.g. variance futures.

Name	Mult.	Type	Description
<a href="#">NoClearingPriceParameters</a>	[1..1]	NumInGroup	Number of parameter sets.
<a href="#">BusinessDayType</a>	[0..1]	CodeSet	Required if <a href="#">NoClearingPriceParameters</a> (2580) > 0. Use to identify the relative business day to which the parameters apply.
<a href="#">ClearingPriceOffset</a>	[0..1]	PriceOffset	
<a href="#">VegaMultiplier</a>	[0..1]	float	
<a href="#">AnnualTradingBusinessDays</a>	[0..1]	int	



Name	Mult.	Type	Description
TotalTradingBusinessDays	[0..1]	int	
TradingBusinessDays	[0..1]	int	
StandardVariance	[0..1]	float	
RealizedVariance	[0..1]	float	
RelatedClosePrice	[0..1]	Price	
RiskFreeRate	[0..1]	float	Interest rate until the instrument expires and used to calculate DiscountFactor(1592).
OvernightInterestRate	[0..1]	float	Used to calculate AccumulatedReturnModified-VariationMargin(2591).
AccumulatedReturnModifiedVariation-Margin	[0..1]	float	
DiscountFactor	[0..1]	float	
Volatility	[0..1]	float	
ClearingSettlPrice	[0..1]	Price	
CalculationMethod	[0..1]	CodeSet	

Used in messages: [SecurityStatus](#)

### 170.2.322 ClearingRequirementException

Specifies whether a party to a swap is using an exception to a clearing requirement. In the US, one such clearing requirement is CFTC's rule pursuant to CEA Section 2(h)(1).

Type: [int](#)

Allowed values in ClearingRequirementExceptionCodeSet:

Code	Name	Description
0	NoException	No exception
1	Exception	Exception. Used to indicate an exception to a clearing requirement without elaborating on the type of exception.
2	EndUserException	End-user exception. In the US, see CFTC Final Rule on End-User Exception to Clearing Requirements for Swaps Fact Sheet <a href="http://www.cftc.gov/ucm/groups/public/@newsroom/documents/file/eue_factsheet">http://www.cftc.gov/ucm/groups/public/@newsroom/documents/file/eue_factsheet</a>

Code	Name	Description
3	InterAffiliateException	Inter-affiliate exception. In the US, see CFTC Final Rule - Clearing Exemption for Swaps Between Certain Affiliated Entities <a href="http://www.cftc.gov//ucm/groups/public/@lrfederalregister/documents/file/2013-07970a.pdf">http://www.cftc.gov//ucm/groups/public/@lrfederalregister/documents/file/2013-07970a.pdf</a>
4	TreasuryAffiliateException	Treasury affiliate exception. In the US, see CFTC No Action Letter 13-22 No Action Relief from the Clearing Requirement for Swaps Entered into by Eligible Treasury Affiliates <a href="http://www.cftc.gov/ucm/groups/public/@lrlettergeneral/documents/letter/13-22.pdf">http://www.cftc.gov/ucm/groups/public/@lrlettergeneral/documents/letter/13-22.pdf</a>
5	CooperativeException	Cooperative exception. Clearing exception for certain swaps entered into by cooperatives. In the US, see Regulation 50.51(a) Definition of Exempt Cooperative: <a href="https://www.federalregister.gov/articles/2013/08/22/2013-19945/clearing-exemption-for-certain-swaps-entered-into-by-cooperatives">https://www.federalregister.gov/articles/2013/08/22/2013-19945/clearing-exemption-for-certain-swaps-entered-into-by-cooperatives</a>

Used in messages: [TradeCaptureReport](#)

### 170.2.323 ClearingSettlPrice

Clearing settlement price.

Type: [Price](#)

Used in groups: [ClearingPriceParametersGrp](#)

### 170.2.324 ClearingTradePrice

Alternate clearing price

Type: [Price](#)

Used in messages: [PositionTransferInstruction](#), [PositionTransferReport](#), [TradeCaptureReport](#)

### 170.2.325 ClientBidID

Unique identifier for a Bid Request as assigned by institution. Uniqueness must be guaranteed within a single trading day.

Type: [String](#)

Used in messages: [BidRequest](#), [BidResponse](#), [ListExecute](#), [NewOrderList](#)

**170.2.326 ClOrdID**

Unique identifier for Order as assigned by the buy-side (institution, broker, intermediary etc.) (identified by SenderCompID(49) or OnBehalfOfCompID(115) as appropriate). Uniqueness must be guaranteed within a single trading day. Firms, particularly those which electronically submit multi-day orders, trade globally or throughout market close periods, should ensure uniqueness across days, for example by embedding a date within the ClOrdID(11) field.

Type: **String**

Used in components: **TradeReportOrderDetail**

Used in groups: **InstrmtStrkPxGrp, ListOrdGrp, OrdAllocGrp, OrdListStatGrp, OrderAggregationGrp, OrderEntryAckGrp, OrderEntryGrp, SideCrossOrdCxlGrp, SideCrossOrdModGrp**

Used in messages: **CollateralAssignment, CollateralInquiry, CollateralInquiryAck, CollateralReport, CollateralRequest, CollateralResponse, Email, ExecutionAck, ExecutionReport, MultilegOrderCancelReplace, NewOrderMultileg, NewOrderSingle, OrderCancelReject, OrderCancelReplaceRequest, OrderCancelRequest, OrderMassActionReport, OrderMassActionRequest, OrderMassCancelReport, OrderMassCancelRequest, OrderStatusRequest, QuoteRequest, QuoteResponse, RegistrationInstructions, RegistrationInstructionsResponse, SettlementInstructions, TradeCaptureReportRequest**

**170.2.327 ClOrdLinkID**

Permits order originators to tie together groups of orders in which trades resulting from orders are associated for a specific purpose, for example the calculation of average execution price for a customer or to associate lists submitted to a broker as waves of a larger program trade.

Type: **String**

Used in groups: **ListOrdGrp, SideCrossOrdCxlGrp, SideCrossOrdModGrp**

Used in messages: **ExecutionReport, MultilegOrderCancelReplace, NewOrderMultileg, NewOrderSingle, OrderCancelReject, OrderCancelReplaceRequest, OrderCancelRequest, OrderStatusRequest**

**170.2.328 ClrInstGrp**

---

<b>Name</b>	<b>Mult.</b>	<b>Type</b>	<b>Description</b>
<b>NoClearingInstructions</b>	[1..1]	NumInGroup	
<b>ClearingInstruction</b>	[0..1]	CodeSet	Required if NoClearingInstructions > 0

---

Used in groups: [AllocGrp](#), [TrdCapRptAckSideGrp](#), [TrdCapRptSideGrp](#)

### 170.2.329 CollAction

Action proposed for an Underlying Instrument instance.

Type: [int](#)

Allowed values in CollActionCodeSet:

---

Code	Name	Description
0	Retain	Retain
1	Add	Add
2	Remove	Remove

---

Used in groups: [UndInstrmtCollGrp](#)

### 170.2.330 CollApplType

conveys how the collateral should be/has been applied

Type: [int](#)

Allowed values in CollApplTypeCodeSet:

---

Code	Name	Description
0	SpecificDeposit	Specific Deposit
1	General	General

---

Used in messages: [CollateralReport](#), [CollateralResponse](#)

### 170.2.331 CollAsgnID

Collateral Assignment Identifier

Type: [String](#)

Used in messages: [CollateralAssignment](#), [CollateralResponse](#)

**170.2.332 CollAsgnReason**

Reason for Collateral Assignment

Type: **int**

Allowed values in CollAsgnReasonCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	Initial	Initial
1	Scheduled	Scheduled
2	TimeWarning	Time Warning
3	MarginDeficiency	Margin Deficiency. In a CollateralRequest(35=AX), this indicates there is a margin deficiency. In a CollateralAssignment(35=AY), this indicates that the assignment is a deposit to meet margin deficiency.
4	MarginExcess	Margin Excess. In a CollateralRequest(35=AX), this indicates there is excess margin. In a CollateralAssignment(35=AY), this indicates that the assignment is a withdrawal of the margin excess.
5	ForwardCollateralDemand	Forward Collateral Demand
6	EventOfDefault	Event of default
7	AdverseTaxEvent	Adverse tax event
8	TransferDeposit	Transfer deposit. Collateral deposit in which the asset is to be transferred from an undesignated holding into collateral. I.e. there is no intermediate conversion to cash.
9	TransferWithdrawal	Transfer withdrawal. Collateral withdrawal in which the asset is to be transferred from collateral into an undesignated holding. I.e. there is no intermediate conversion to cash.
10	Pledge	Pledge. The purpose of the collateral assignment is to pledge or "lock up" a value of a basket of securities, individual security or fund as collateral.

---

Used in messages: **CollateralAssignment**, **CollateralRequest**, **CollateralResponse**

**170.2.333 CollAsgnRefID**

Collateral Assignment Identifier to which a transaction refers

Type: **String**

Used in messages: **CollateralAssignment**

**170.2.334 CollAsgnRejectReason**

Collateral Assignment Reject Reason

Type: **int**

Allowed values in CollAsgnRejectReasonCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	UnknownDeal	Unknown deal (order / trade)
1	UnknownOrInvalidInstrument	Unknown or invalid instrument
2	UnauthorizedTransaction	Unauthorized transaction
3	InsufficientCollateral	Insufficient collateral
4	InvalidTypeOfCollateral	Invalid type of collateral
5	ExcessiveSubstitution	Excessive substitution
99	Other	Other

---

Used in messages: **CollateralResponse****170.2.335 CollAsgnRespType**

Type of collateral assignment response.

Type: **int**

Allowed values in CollAsgnRespTypeCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	Received	Received
1	Accepted	Accepted
2	Declined	Declined
3	Rejected	Rejected
4	TransactionPending	Transaction pending. The collateral assignment transaction is pending at the recipient.
5	TransactionCompletedWithWarning	Transaction completed with warning - see Text(58) for further information. The collateral assignment transaction was accepted and completed but with warnings.

---

Used in messages: **CollateralResponse**

**170.2.336 CollAsgnTransType**

Collateral Assignment Transaction Type

Type: **int**

Allowed values in CollAsgnTransTypeCodeSet:

Code	Name	Description
0	New	New
1	Replace	Replace
2	Cancel	Cancel
3	Release	Release
4	Reverse	Reverse

Used in messages: **CollateralAssignment**, **CollateralResponse**

**170.2.337 CollateralAmountGrp**

The Collateral Amount Group component block is a repeating group that provides the current value of the collateral type on deposit. The currency of the collateral value may be optionally included.

Name	Mult.	Type	Description
<b>NoCollateralAmounts</b>	[1..1]	NumInGroup	
<b>CurrentCollateralAmount</b>	[0..1]	Amt	Required if NoCollateralAmounts(1703) > 0.
<b>CollateralCurrency</b>	[0..1]	Currency	Can be used to specify the currency of CollateralAmount(1704) if Currency(15) is not specified or is not the same.
<b>CollateralCurrencyCodeSource</b>	[0..1]	CodeSet	
<b>CollateralAmountType</b>	[0..1]	CodeSet	
<b>CollateralFXRate</b>	[0..1]	float	
<b>CollateralFXRateCalc</b>	[0..1]	CodeSet	
<b>CollateralType</b>	[0..1]	String	
<b>CollateralAmountMarketSegmentID</b>	[0..1]	String	
<b>CollateralAmountMarketID</b>	[0..1]	String	
<b>HaircutIndicator</b>	[0..1]	Boolean	
<b>CollateralPortfolioID</b>	[0..1]	String	

---

Name	Mult.	Type	Description
CollateralPercentOverage	[0..1]	Percentage	
CollateralMarketPrice	[0..1]	Price	
CollateralReinvestmentRate	[0..1]	Percentage	May be used to specify the average reinvestment rate when there are multiple instances of the CollateralReinvestmentGrp.
CollateralReinvestmentGrp	[0..*]	Group	
UnderlyingRefID	[0..1]	String	May be used to indicate that this entry applies to the underlying collateral instrument being referenced by the value in UnderlyingID(2874).

---

Used in messages: [AccountSummaryReport](#), [CollateralReport](#), [CollateralResponse](#), [PositionReport](#), [TradeCaptureReport](#)

#### **170.2.338 CollateralAmountMarketID**

Market associated with the collateral amount.

Type: [String](#)

Used in groups: [CollateralAmountGrp](#)

#### **170.2.339 CollateralAmountMarketSegmentID**

Market segment associated with the collateral amount.

Type: [String](#)

Used in groups: [CollateralAmountGrp](#)

#### **170.2.340 CollateralAmountType**

The type of value in [CurrentCollateralAmount\(1704\)](#).

Type: [int](#)

Allowed values in [CollateralAmountTypeCodeSet](#):



Code	Name	Description
0	MarketValuation	Market valuation (the default)
1	PortfolioValue	Portfolio value before processing pledge request
2	ValueConfirmed	Value confirmed as "locked-up" for processing a pledge request
3	CollateralCreditValue	Credit value of collateral at CCP processing a pledge request
4	AdditionalCollateralValue	Additional collateral value. Additional collateral deposited by the collateral provider at trade or post-trade. CollateralPercentOverage(2690) gives the overage percent
5	EstimatedMarketValuation	Estimated market valuation. Estimated market valuation of collateral. In the context of EU SFTR this may be used for value of re-use of collateral.

Used in groups: [CollateralAmountGrp](#)

#### 170.2.341 CollateralCurrency

Currency of the collateral; optional, defaults to the Settlement Currency if not specified.

Type: [Currency](#)

Used in groups: [CollateralAmountGrp](#)

#### 170.2.342 CollateralCurrencyCodeSource

Identifies class or source of the CollateralCurrency(1705) value.

Type: [String](#)

Allowed values in CurrencyCodeSourceCodeSet:

Code	Name	Description
1	CUSIP	CUSIP
2	SEDOL	SEDOL
4	ISINNumber	ISIN
6	ISOCurrencyCode	ISO Currency Code (ISO 4217)
S	FinancialInstrumentGlobalIdentifier	Financial Instrument Global Identifier. An Object Management Group (OMG) standard. Also referred to as FIGI. Formerly known as "Bloomberg Open Symbology BBGID".
Y	DigitalTokenIdentifier	Digital Token Identifier (ISO 24165)

---

Code	Name	Description
------	------	-------------

---

Used in groups: [CollateralAmountGrp](#)

#### **170.2.343 CollateralFXRate**

Foreign exchange rate used to compute the CurrentCollateralAmount(1704) from the CollateralCurrency(1646) and the Currency(15).

Type: [float](#)

Used in groups: [CollateralAmountGrp](#)

#### **170.2.344 CollateralFXRateCalc**

Specifies whether or not CollateralFXRate(2090) should be multiplied or divided.

Type: [char](#)

Allowed values in UnderlyingFXRateCalcCodeSet:

---

Code	Name	Description
D	Divide	Divide
M	Multiply	Multiply

---

Used in groups: [CollateralAmountGrp](#)

#### **170.2.345 CollateralizationValueDate**

Date when the collateral is to be assessed or assigned.

Type: [LocalMktDate](#)

Used in messages: [CollateralReport](#), [PositionReport](#), [TradeCaptureReport](#)

#### **170.2.346 CollateralMarketPrice**

Market price of the collateral, either from market sources or pre-agreed by the counterparties.

Type: **Price**

Used in groups: **CollateralAmountGrp**

#### **170.2.347 CollateralPercentOverage**

Percentage of over-collateralization particularly when CollateralAmountType(2632) = 4 (Additional collateral value)

Type: **Percentage**

Used in groups: **CollateralAmountGrp**

#### **170.2.348 CollateralPortfolioID**

Identifier of the collateral portfolio when reporting on a portfolio basis.

Type: **String**

Used in groups: **CollateralAmountGrp**

#### **170.2.349 CollateralReinvestmentAmount**

The cash amount of the specified re-investment type.

Type: **Amt**

Used in groups: **CollateralReinvestmentGrp**

#### **170.2.350 CollateralReinvestmentCurrency**

The currency denomination of the re-invested cash amount.

CollateralReinvestmentCurrencyCodeSource(2931) may be used to disambiguate the code source scheme used, and ISO 4217 is the default scheme if absent.

Type: **Currency**

Used in groups: **CollateralReinvestmentGrp**

**170.2.351 CollateralReinvestmentCurrencyCodeSource**

Identifies class or source of the CollateralReinvestmentCurrency(2843) value.

Type: **String**

Allowed values in CurrencyCodeSourceCodeSet:

Code	Name	Description
1	CUSIP	CUSIP
2	SEDOL	SEDOL
4	ISINNumber	ISIN
6	ISOCurrencyCode	ISO Currency Code (ISO 4217)
S	FinancialInstrumentGlobalIdentifier	Financial Instrument Global Identifier. An Object Management Group (OMG) standard. Also referred to as FIGI. Formerly known as "Bloomberg Open Symbology BBGID".
Y	DigitalTokenIdentifier	Digital Token Identifier (ISO 24165)

Used in groups: **CollateralReinvestmentGrp**

**170.2.352 CollateralReinvestmentGrp**

The CollateralReinvestmentGrp component block is a repeating group that may be used to provide a breakdown of the cash collateral's reinvestment types and amounts (e.g. CollateralType(1704)="CASH").

Name	Mult.	Type	Description
NoCollateralReinvestments	[1..1]	NumInGroup	
CollateralReinvestmentType	[0..1]	CodeSet	Required if NoCollateralReinvestments(2845) > 0.
CollateralReinvestmentAmount	[0..1]	Amt	
CollateralReinvestmentCurrency	[0..1]	Currency	
CollateralReinvestmentCurrency-CodeSource	[0..1]	CodeSet	

Used in groups: **CollateralAmountGrp**

**170.2.353 CollateralReinvestmentRate**

Interest rate received for collateral reinvestment.

Type: **Percentage**

Used in groups: **CollateralAmountGrp**

**170.2.354 CollateralReinvestmentType**

Indicates the type of investment the cash collateral is re-invested in.

Type: **int**

Allowed values in CollateralReinvestmentTypeCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	MoneyMarketFund	Money market fund. Registered money market fund. In the context of EU SFTR reporting this corresponds to code "MMFT".
1	OtherComingledPool	Other comingled pool. Any comingled pool other than money market fund. In the context of EU SFTR reporting this corresponds to code "OCMP".
2	RepoMarket	Repo market. The repurchase agreement market. In the context of EU SFTR reporting this corresponds to code "REPM".
3	DirectPurchaseOfSecurities	Direct purchase of securities. In the context of EU SFTR reporting this corresponds to code "SDPU".
4	OtherInvestments	Other investments. In the context of EU SFTR reporting this corresponds to code "OTHR".

---

Used in groups: **CollateralReinvestmentGrp**

**170.2.355 CollateralRequestInstruction**

An encoded collateral request processing instruction to the receiver.

Type: **String**

Used in messages: **CollateralAssignment, CollateralResponse**

**170.2.356 CollateralRequestLinkID**

A unique identifier to link together a set or group of requests.

Type: **String**

Used in messages: **CollateralAssignment, CollateralResponse**

**170.2.357 CollateralRequestNumber**

Ordinal number of the request within a set or group of requests.

Type: **int**

Used in messages: **CollateralAssignment, CollateralResponse**

**170.2.358 CollateralType**

Type of collateral on deposit being reported.

Type: **String**

Used in groups: **CollateralAmountGrp**

**170.2.359 CollectAmount**

Amount to be collected by the clearinghouse from the clearing firm.

Type: **Amt**

Used in groups: **PayCollectGrp**

**170.2.360 CollInqQualGrp**

---

<b>Name</b>	<b>Mult.</b>	<b>Type</b>	<b>Description</b>
<b>NoCollInquiryQualifier</b>	[1..1]	NumInGroup	Number of qualifiers to inquiry
<b>CollInquiryQualifier</b>	[0..1]	CodeSet	Required if NoCollInquiryQualifier > 0. Type of collateral inquiry

---

Used in messages: **CollateralInquiry, CollateralInquiryAck**

**170.2.361 CollInquiryID**

Collateral Inquiry Identifier

Type: **String**

Used in messages: **CollateralInquiry, CollateralInquiryAck, CollateralReport**

**170.2.362 CollInquiryQualifier**

Collateral inquiry qualifiers:

Type: **int**

Allowed values in CollInquiryQualifierCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	TradeDate	Trade Date
1	GCInstrument	GC Instrument
2	CollateralInstrument	Collateral Instrument
3	SubstitutionEligible	Substitution Eligible
4	NotAssigned	Not Assigned
5	PartiallyAssigned	Partially Assigned
6	FullyAssigned	Fully Assigned
7	OutstandingTrades	Outstanding Trades (Today < end date)

---

Used in groups: **CollInqQualGrp**

**170.2.363 CollInquiryResult**

Result returned in response to Collateral Inquiry

4000+ Reserved and available for bi-laterally agreed upon user-defined values

Type: **int**

Allowed values in CollInquiryResultCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	Successful	Successful (default)

---

Code	Name	Description
1	InvalidOrUnknownInstrument	Invalid or unknown instrument
2	InvalidOrUnknownCollateralType	Invalid or unknown collateral type
3	InvalidParties	Invalid Parties
4	InvalidTransportTypeRequested	Invalid Transport Type requested
5	InvalidDestinationRequested	Invalid Destination requested
6	NoCollateralFoundForTheTrade-Specified	No collateral found for the trade specified
7	NoCollateralFoundForTheOrder-Specified	No collateral found for the order specified
8	CollateralInquiryTypeNotSupported	Collateral inquiry type not supported
9	UnauthorizedForCollateralInquiry	Unauthorized for collateral inquiry
99	Other	Other (further information in Text (58) field)

---

Used in messages: [CollateralInquiryAck](#)

### 170.2.364 CollInquiryStatus

Status of Collateral Inquiry

Type: [int](#)

Allowed values in CollInquiryStatusCodeSet:

Code	Name	Description
0	Accepted	Accepted
1	AcceptedWithWarnings	Accepted With Warnings
2	Completed	Completed
3	CompletedWithWarnings	Completed With Warnings
4	Rejected	Rejected

---

Used in messages: [CollateralInquiryAck](#)

### 170.2.365 CollReqID

Collateral Request Identifier



Type: **String**

Used in messages: **CollateralAssignment, CollateralRequest, CollateralResponse**

### **170.2.366 CollRespID**

Collateral Response Identifier

Type: **String**

Used in messages: **CollateralResponse**

### **170.2.367 CollRptID**

Collateral Report Identifier

Type: **String**

Used in messages: **CollateralReport, CollateralReportAck**

### **170.2.368 CollRptRejectReason**

Reject reason code for rejecting the collateral report.

Type: **int**

Allowed values in CollRptRejectReasonCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	UnknownTrade	Unknown trade or transaction
1	UnknownInstrument	Unknown or invalid instrument
2	UnknownCounterparty	Unknown or invalid counterparty
3	UnknownPosition	Unknown or invalid position
4	UnacceptableCollateral	Unacceptable or invalid type of collateral
99	Other	Other

---

Used in messages: **CollateralReportAck**

**170.2.369 CollRptStatus**

The status of the collateral report.

Type: **int**

Allowed values in CollRptStatusCodeSet:

Code	Name	Description
0	Accepted	Accepted (successfully processed)
1	Received	Received (not yet processed)
2	Rejected	Rejected

Used in messages: **CollateralReportAck**

**170.2.370 CollStatus**

Collateral Status

Type: **int**

Allowed values in CollStatusCodeSet:

Code	Name	Description
0	Unassigned	Unassigned
1	PartiallyAssigned	Partially Assigned
2	AssignmentProposed	Assignment Proposed
3	Assigned	Assigned (Accepted)
4	Challenged	Challenged
5	Reused	Reused. A modification of the details of the collateral re-use. In the context of EU SFTR reporting, to be used with RegulatoryReportType(1934)=31 (Collateral update).

Used in messages: **CollateralReport**

**170.2.371 CommCurrency**

Specifies currency to be used for Commission(12) if the commission currency is different from the deal currency.

CommCurrencyCodeSource(2922) may be used to disambiguate the code source scheme used, and ISO 4217 is the default scheme if absent.

Type: **Currency**

Used in components: **CommissionData**

### 170.2.372 CommCurrencyCodeSource

Identifies class or source of the CommCurrency(479) value.

Type: **String**

Allowed values in CurrencyCodeSourceCodeSet:

Code	Name	Description
1	CUSIP	CUSIP
2	SEDOL	SEDOL
4	ISINNumber	ISIN
6	ISOCurrencyCode	ISO Currency Code (ISO 4217)
S	FinancialInstrumentGlobalIdentifier	Financial Instrument Global Identifier. An Object Management Group (OMG) standard. Also referred to as FIGI. Formerly known as "Bloomberg Open Symbology BBGID".
Y	DigitalTokenIdentifier	Digital Token Identifier (ISO 24165)

Used in components: **CommissionData**

### 170.2.373 Commission

Commission. Note if CommType (13) is percentage, Commission of 5% should be represented as .05.

Type: **Amt**

Used in components: **CommissionData**

### 170.2.374 CommissionAmount

The commission amount.

Type: **Amt**

Used in groups: **CommissionDataGrp**

**170.2.375 CommissionAmountShared**

Commission amount to be shared with a third party, e.g. as part of a directed brokerage commission sharing arrangement. If specified, this amount should not exceed the amount in CommissionAmount(2640).

Type: **Amt**

Used in groups: **CommissionDataGrp**

**170.2.376 CommissionAmountSubType**

Further sub classification of the CommissionAmountType(2641).

Type: **int**

Allowed values in CommissionAmountSubTypeCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	ResearchPaymentAccount	Research payment account (RPA)
1	CommissionSharingAgreement	Commission sharing agreement (CSA)
2	OtherTypeResearchPayment	Other type of research payment. A type of research payment other than RPA or CSA.

---

Used in groups: **CommissionDataGrp**

**170.2.377 CommissionAmountType**

Indicates what type of commission is being expressed in CommissionAmount(2640).

Type: **int**

Allowed values in CommissionAmountTypeCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	Unspecified	Unspecified
1	Acceptance	Acceptance. The bank's charge for issuing a Letter of Credit.
2	Broker	Broker. The executing broker's commission.
3	ClearingBroker	Clearing broker. The clearing broker's commission.
4	Retail	Retail. Commission charged by or related to retail sales.

---

Code	Name	Description
5	SalesCommission	Sales commission. The commission charged by the sales desk.
6	LocalCommission	Local commission. Commission paid to local broker in a cross-border transaction.
7	ResearchPayment	Research payment

Used in groups: [CommissionDataGrp](#)

### 170.2.378 CommissionBasis

Specifies the basis or unit used to calculate the commission.

Type: [char](#)

Allowed values in CommTypeCodeSet:

Code	Name	Description
1	PerUnit	Amount per unit. Implying shares, par, currency, physical unit etc. Use CommissionUnitOfMeasure(1238) to clarify for commodities.
2	Percent	Percent
3	Absolute	Absolute. Total monetary amount.
4	PercentageWaivedCashDiscount	Percentage waived, cash discount basis. For use with CIV buy orders.
5	PercentageWaivedEnhancedUnits	Percentage waived, enhanced units basis. For use with CIV buy orders.
6	PointsPerBondOrContract	Points per bond or contract. Specify ContractMultiplier(231) in the Instrument component if the security is denominated in a size other than the market convention, e.g. 1000 par for bonds.
7	BasisPoints	Basis points. The commission is expressed in basis points in reference to the gross price of the reference asset.
8	AmountPerContract	Amount per contract. Specify ContractMultiplier(231) in the Instrument component if the security is denominated in a size other than the market convention.

Used in groups: [CommissionDataGrp](#)

**170.2.379 CommissionCurrency**

Specifies the currency denomination of the commission amount if different from the trade's currency.

CommissionCurrencyCodeSource(2923) may be used to disambiguate the code source scheme used, and ISO 4217 is the default scheme if absent.

Type: **Currency**

Used in groups: **CommissionDataGrp**

**170.2.380 CommissionCurrencyCodeSource**

Identifies class or source of the CommissionCurrency(2643) value.

Type: **String**

Allowed values in CurrencyCodeSourceCodeSet:

Code	Name	Description
1	CUSIP	CUSIP
2	SEDOL	SEDOL
4	ISINNumber	ISIN
6	ISOCurrencyCode	ISO Currency Code (ISO 4217)
S	FinancialInstrumentGlobalIdentifier	Financial Instrument Global Identifier. An Object Management Group (OMG) standard. Also referred to as FIGI. Formerly known as "Bloomberg Open Symbology BBGID".
Y	DigitalTokenIdentifier	Digital Token Identifier (ISO 24165)

Used in groups: **CommissionDataGrp**

**170.2.381 CommissionData**

The CommissionData component block is used to carry commission information such as the type of commission and the rate. Use the CommissionDataGrp component as an alternative if multiple commissions or enhanced attributes are needed.

Name	Mult.	Type	Description
<b>Commission</b>	[0..1]	Amt	

Name	Mult.	Type	Description
CommType	[0..1]	CodeSet	
CommCurrency	[0..1]	Currency	
CommCurrencyCodeSource	[0..1]	CodeSet	
CommRate	[0..1]	float	
CommUnitOfMeasure	[0..1]	CodeSet	
FundRenewWaiv	[0..1]	CodeSet	

Used in groups: [AllocGrp](#), [BidCompRspGrp](#), [ListOrdGrp](#), [SideCrossOrdModGrp](#), [TrdCapRptAckSideGrp](#), [TrdCapRptSideGrp](#)

Used in messages: [Confirmation](#), [ExecutionReport](#), [MultilegOrderCancelReplace](#), [NewOrderMultileg](#), [NewOrderSingle](#), [OrderCancelReplaceRequest](#), [Quote](#), [QuoteResponse](#), [QuoteStatusReport](#)

### 170.2.382 CommissionDataGrp

The CommissionDataGrp component block is used to carry commission information such as the type of commission and the rate. It provides an alternative to the CommissionData component if multiple commissions or enhanced attributes are needed.

Name	Mult.	Type	Description
NoCommissions	[1..1]	NumInGroup	
CommissionAmount	[0..1]	Amt	Required if NoCommissions(2639) > 0. If the commission is based on a percentage of trade quantity or a factor of "unit of measure", CommissionRate(2646) and CommissionUnitOfMeasure(2644) may also be specified as appropriate.
CommissionAmountType	[0..1]	CodeSet	Required if NoCommissions(2639) > 0.
CommissionAmountSubType	[0..1]	CodeSet	
CommissionBasis	[0..1]	CodeSet	Required if NoCommissions(2639) > 0.
CommissionCurrency	[0..1]	Currency	
CommissionCurrencyCodeSource	[0..1]	CodeSet	
CommissionUnitOfMeasure	[0..1]	CodeSet	
CommissionUnitOfMeasureCurrency	[0..1]	Currency	
CommissionUnitOfMeasureCurrency-CodeSource	[0..1]	CodeSet	

Name	Mult.	Type	Description
CommissionRate	[0..1]	float	
CommissionSharedIndicator	[0..1]	Boolean	
CommissionAmountShared	[0..1]	Amt	If specified, CommissionSharedIndicator(2647) must be set to "Y".
CommissionLegRefID	[0..1]	String	This field may be used for multi-leg trades sent as a single message to indicate that the entry applies only to a specific leg.
CommissionDesc	[0..1]	String	
EncodedCommissionDescLen	[0..1]	Length	Must be set if EncodedCommissionDesc(2652) is specified and must immediately precede it.
EncodedCommissionDesc	[0..1]	data	Encoded (non-ASCII characters) representation of the CommissionDesc(2650) field in the encoded format specified via the MessageEncoding(347) field.

---

Used in groups: [ListOrdGrp](#), [SideCrossOrdModGrp](#), [TrdCapRptAckSideGrp](#), [TrdCapRptSideGrp](#)

Used in messages: [Confirmation](#), [ExecutionReport](#), [MultilegOrderCancelReplace](#), [NewOrderMultileg](#), [NewOrderSingle](#), [OrderCancelReplaceRequest](#)

### 170.2.383 CommissionDesc

Description of the commission.

Type: [String](#)

Used in groups: [CommissionDataGrp](#)

### 170.2.384 CommissionLegRefID

Identifies the leg of the trade the entry applies to by referencing the leg's LegID(1788).

Type: [String](#)

Used in groups: [CommissionDataGrp](#)

### 170.2.385 CommissionRate

The commission rate when CommissionAmount(2640) is based on a percentage of quantity, amount per unit or a factor of "unit of measure". If the rate is a percentage or expressed in basis points, use the



decimalized form, e.g. "0.05" for a 5% commission or "0.005" for 50 basis points.

Type: **float**

Used in groups: **CommissionDataGrp**

### **170.2.386 CommissionSharedIndicator**

Indicates whether the amount in CommissionAmount(2640) is to be shared with a third party, e.g. as part of a directed brokerage commission sharing arrangement.

Type: **Boolean**

Used in groups: **CommissionDataGrp**

### **170.2.387 CommissionUnitOfMeasure**

The commission rate unit of measure.

Type: **String**

Allowed values in UnitOfMeasureCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
Alw	Allowances	Allowances
Bcf	BillionCubicFeet	Billion cubic feet
Bbl	Barrels	Barrels. Equal to 42 US gallons
CBM	CubicMeters	Cubic Meters
BDFT	BoardFeet	Board feet. Equal to 144 cubic inches
GJ	Gigajoules	gigajoules
Bu	Bushels	Bushels
kHR	HeatRate	Heat rate. The number of BTUs required to produce one kilowatt hour of electricity, typically 3,412.14 BTUs per 1 kWh.
Ccy	Currency	Amount of currency
kWh	KilowattHours	Kilowatt hours
CDD	CoolingDegreeDay	Cooling degree day
MHR	MegaHeatRate	Mega heat rate. The number of million BTUs required to produce one megawatt hour of electricity, typically 3.41214 million BTUs per 1 MWh.
CER	CertifiedEmissionsReduction	Certified emissions reduction
MMBtu	OneMillionBTU	One Million BTU

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
CPD	CriticalPrecipDay	Critical precipitation day
MWh	MegawattHours	Megawatt hours
CRT	ClimateReserveTonnes	Climate reserve tonnes
thm	Therms	therms. Equal to 100,000 BTU
cwt	Hundredweight	Hundredweight(US). Equal to 100 lbs
tnCO2	TonsOfCarbonDioxide	Tons of carbon dioxide
day	Day	Days
dt	DryMetricTons	Dry metric tons
EnvAllwnc	EnvAllwncCert	Environmental allowance certificates
EnvCrd	EnvironmentalCredit	Environmental credit
EnvOfst	EnvironmentalOffset	Environmental Offset
g	Grams	Grams
Gal	Gallons	Gallons
GT	GrossTons	Gross tons. Also known as long tons or imperial tons, equal to 2240 lbs
HDD	HeatingDegreeDay	Heating degree day
IPNT	IndexPoint	Index point
kg	Kilograms	Kilograms
kL	Kiloliters	kiloliters
kW-a	KilowattYear	Kilowatt year (electrical capacity)
kW-d	KilowattDay	Kilowatt day (electrical capacity)
kW-h	KilowattHour	Kilowatt hour (electrical capacity)
kW-M	KilowattMonth	Kilowatt month (electrical capacity)
kW-min	KilowattMinute	Kilowatt-Minute (electrical capacity)
L	Liters	liters
lbs	Pounds	pounds
MW-a	MegawattYear	Megawatt year (electrical capacity)
MW-d	MegawattDay	Megawatt day (electrical capacity)
MW-h	MegawattHour	Megawatt hour (electrical capacity)
MW-M	MegawattMonth	Megawatt month (electrical capacity)
MW-min	MegawattMinute	Megawatt minute (electrical capacity)
oz_tr	TroyOunces	Troy ounces
PRINC	PrincipalWithRelationToDebtInstrument	Principal with relation to debt instrument
t	MetricTons	Metric tons. Also known as Tonnes, equal to 1000 kg

<b>Code</b>	<b>Name</b>	<b>Description</b>
tn	Tons	Tons (US). Equal to 2000 lbs
a	Are	Are
ac	Acre	Acre
cL	Centiliter	Centiliter
cM	Centimeter	Centimeter
DGE	DieselGallonEquivalent	Diesel gallon equivalent
ft	Foot	Foot
Gal_gb	GBGallon	GB Gallon
GGE	GasolineGallonEquivalent	Gasonline gallon equivalent
ha	Hectare	Hectare
in	Inch	Inch
kM	Kilometer	Kilometer
M	Meter	Meter
mi	Mile	Mile
mL	Milliliter	Milliliter
mM	Millimeter	Millimeter
oz	USOunce	US ounce
pc	Piece	Piece
pt	USPint	US Pint
pt_gb	GBPint	GB pint
qt	USQuart	US Quart
qt_gb	GBQuart	GB Quart
SqcM	SquareCentimeter	Square centimeter
Sqft	SquareFoot	Square foot
Sqin	SquareInch	Square inch
SqkM	SquareKilometer	Square kilometer
SqM	SquareMeter	Square meter
Sqmi	SquareMile	Square mile
SqmM	SquareMillimeter	Square millimeter
Sqyd	SquareYard	Square yard
yd	Yard	Yard
MMbbl	MillionBarrels	Million Barrels
USD	USDollars	US Dollars

Used in groups: [CommissionDataGrp](#)

### 170.2.388 CommissionUnitOfMeasureCurrency

Indicates the currency of the unit of measure. Conditionally required when CommissionUnitOfMeasure(2644) = Ccy (Amount of currency).

Type: [Currency](#)

Used in groups: [CommissionDataGrp](#)

### 170.2.389 CommissionUnitOfMeasureCurrencyCodeSource

Identifies class or source of the CommissionUnitOfMeasureCurrency(2645) value.

Type: [String](#)

Allowed values in CurrencyCodeSourceCodeSet:

Code	Name	Description
1	CUSIP	CUSIP
2	SEDOL	SEDOL
4	ISINNumber	ISIN
6	ISOCurrencyCode	ISO Currency Code (ISO 4217)
S	FinancialInstrumentGlobalIdentifier	Financial Instrument Global Identifier. An Object Management Group (OMG) standard. Also referred to as FIGI. Formerly known as "Bloomberg Open Symbology BBGID".
Y	DigitalTokenIdentifier	Digital Token Identifier (ISO 24165)

Used in groups: [CommissionDataGrp](#)

### 170.2.390 CommodityFinalPriceType

Final price type of the commodity as specified by the trading venue.

Type: [int](#)

Allowed values in CommodityFinalPriceTypeCodeSet:

---

Code	Name	Description
0	ArgusMcCloskey	Argus McCloskey
1	Baltic	Baltic
2	Exchange	Exchange
3	GlobalCoal	Global Coal
4	IHSMcCloskey	IHS McCloskey
5	Platts	Platts
99	Other	Other

---

Used in components: [InstrumentExtension](#)

### **170.2.391 CommonPricingIndicator**

When this element is specified and set to 'Y', it indicates that common pricing applies. Common pricing may be relevant for a transaction that references more than one commodity reference price.

Type: [Boolean](#)

Used in components: [Instrument](#)

### **170.2.392 CommRate**

The commission rate when Commission(12) is based on a percentage of quantity, amount per unit or a factor of "unit of measure". If the rate is a percentage, use the decimalized form, e.g. "0.05" for a 5% commission or "0.005" for 50 basis points.

Type: [float](#)

Used in components: [CommissionData](#)

### **170.2.393 CommType**

Specifies the basis or unit used to calculate the total commission based on the rate.

Type: [char](#)

Allowed values in CommTypeCodeSet:

Code	Name	Description
1	PerUnit	Amount per unit. Implying shares, par, currency, physical unit etc. Use CommissionUnitOfMeasure(1238) to clarify for commodities.
2	Percent	Percent
3	Absolute	Absolute. Total monetary amount.
4	PercentageWaivedCashDiscount	Percentage waived, cash discount basis. For use with CIV buy orders.
5	PercentageWaivedEnhancedUnits	Percentage waived, enhanced units basis. For use with CIV buy orders.
6	PointsPerBondOrContract	Points per bond or contract. Specify ContractMultiplier(231) in the Instrument component if the security is denominated in a size other than the market convention, e.g. 1000 par for bonds.
7	BasisPoints	Basis points. The commission is expressed in basis points in reference to the gross price of the reference asset.
8	AmountPerContract	Amount per contract. Specify ContractMultiplier(231) in the Instrument component if the security is denominated in a size other than the market convention.

Used in components: [CommissionData](#)

### 170.2.394 CommUnitOfMeasure

The commission rate unit of measure.

Type: [String](#)

Allowed values in UnitOfMeasureCodeSet:

Code	Name	Description
Alw	Allowances	Allowances
Bcf	BillionCubicFeet	Billion cubic feet
Bbl	Barrels	Barrels. Equal to 42 US gallons
CBM	CubicMeters	Cubic Meters
BDFT	BoardFeet	Board feet. Equal to 144 cubic inches
GJ	Gigajoules	gigajoules
Bu	Bushels	Bushels

<b>Code</b>	<b>Name</b>	<b>Description</b>
kHR	HeatRate	Heat rate. The number of BTUs required to produce one kilowatt hour of electricity, typically 3,412.14 BTUs per 1 kWh.
Ccy	Currency	Amount of currency
kWh	KilowattHours	Kilowatt hours
CDD	CoolingDegreeDay	Cooling degree day
MHR	MegaHeatRate	Mega heat rate. The number of million BTUs required to produce one megawatt hour of electricity, typically 3.41214 million BTUs per 1 MWh.
CER	CertifiedEmissionsReduction	Certified emissions reduction
MMBtu	OneMillionBTU	One Million BTU
CPD	CriticalPrecipDay	Critical precipitation day
MWh	MegawattHours	Megawatt hours
CRT	ClimateReserveTonnes	Climate reserve tonnes
thm	Therms	therms. Equal to 100,000 BTU
cwt	Hundredweight	Hundredweight(US). Equal to 100 lbs
tnCO2	TonsOfCarbonDioxide	Tons of carbon dioxide
day	Day	Days
dt	DryMetricTons	Dry metric tons
EnvAllwnc	EnvAllwncCert	Environmental allowance certificates
EnvCrd	EnvironmentalCredit	Environmental credit
EnvOfst	EnvironmentalOffset	Environmental Offset
g	Grams	Grams
Gal	Gallons	Gallons
GT	GrossTons	Gross tons. Also known as long tons or imperial tons, equal to 2240 lbs
HDD	HeatingDegreeDay	Heating degree day
IPNT	IndexPoint	Index point
kg	Kilograms	Kilograms
kL	Kiloliters	kiloliters
kW-a	KilowattYear	Kilowatt year (electrical capacity)
kW-d	KilowattDay	Kilowatt day (electrical capacity)
kW-h	KilowattHour	Kilowatt hour (electrical capacity)
kW-M	KilowattMonth	Kilowatt month (electrical capacity)
kW-min	KilowattMinute	Kilowatt-Minute (electrical capacity)
L	Liters	liters

<b>Code</b>	<b>Name</b>	<b>Description</b>
lbs	Pounds	pounds
MW-a	MegawattYear	Megawatt year (electrical capacity)
MW-d	MegawattDay	Megawatt day (electrical capacity)
MW-h	MegawattHour	Megawatt hour (electrical capacity)
MW-M	MegawattMonth	Megawatt month (electrical capacity)
MW-min	MegawattMinute	Megawatt minute (electrical capacity)
oz_tr	TroyOunces	Troy ounces
PRINC	PrincipalWithRelationToDebtInstrument	Principal with relation to debt instrument
t	MetricTons	Metric tons. Also known as Tonnes, equal to 1000 kg
tn	Tons	Tons (US). Equal to 2000 lbs
a	Are	Are
ac	Acre	Acre
cL	Centiliter	Centiliter
cM	Centimeter	Centimeter
DGE	DieselGallonEquivalent	Diesel gallon equivalent
ft	Foot	Foot
Gal_gb	GBGallon	GB Gallon
GGE	GasolineGallonEquivalent	Gasonline gallon equivalent
ha	Hectare	Hectare
in	Inch	Inch
kM	Kilometer	Kilometer
M	Meter	Meter
mi	Mile	Mile
mL	Milliliter	Milliliter
mM	Millimeter	Millimeter
oz	USOunce	US ounce
pc	Piece	Piece
pt	USPint	US Pint
pt_gb	GBPint	GB pint
qt	USQuart	US Quart
qt_gb	GBQuart	GB Quart
SqcM	SquareCentimeter	Square centimeter
Sqft	SquareFoot	Square foot



Code	Name	Description
Sqin	SquareInch	Square inch
SqkM	SquareKilometer	Square kilometer
SqM	SquareMeter	Square meter
Sqmi	SquareMile	Square mile
SqmM	SquareMillimeter	Square millimeter
Sqyd	SquareYard	Square yard
yd	Yard	Yard
MMbbl	MillionBarrels	Million Barrels
USD	USDollars	US Dollars

Used in components: [CommissionData](#)

### 170.2.395 CompIDReqGrp

Name	Mult.	Type	Description
<a href="#">NoCompIDs</a>	[1..1]	NumInGroup	Used to restrict updates/request to a list of specific CompID/SubID/LocationID/DeskID combinations. If not present request applies to all applicable available counterparties. EG Unless one sell side broker was a customer of another you would not expect to see information about other brokers, similarly one fund manager etc.
<a href="#">RefCompID</a>	[0..1]	String	Used to restrict updates/request to specific CompID
<a href="#">RefSubID</a>	[0..1]	String	Used to restrict updates/request to specific SubID
<a href="#">LocationID</a>	[0..1]	String	Used to restrict updates/request to specific LocationID
<a href="#">DeskID</a>	[0..1]	String	Used to restrict updates/request to specific DeskID

Used in messages: [NetworkCounterpartySystemStatusRequest](#)

### 170.2.396 CompIDStatGrp

Name	Mult.	Type	Description
NoComplDs	[1..1]	NumInGroup	Specifies the number of repeating Compld's
RefComplID	[1..1]	String	ComplID that status is being report for. Required if NoComplDs > 0,
RefSubID	[0..1]	String	SubID that status is being report for.
LocationID	[0..1]	String	LocationID that status is being report for.
DeskID	[0..1]	String	DeskID that status is being report for.
StatusValue	[1..1]	CodeSet	
StatusText	[0..1]	String	Additional Information, i.e. "National Holiday"

Used in messages: [NetworkCounterpartySystemStatusResponse](#)

### 170.2.397 ComplexEventAveragingObservationGrp

The ComplexEventAveragingObservationGrp is an optional subcomponent of ComplexEventPeriodGrp for specifying the weight of each of the dated observations.

Name	Mult.	Type	Description
NoComplexEventAveragingObservations	[1..1]	NumInGroup	
ComplexEventAveragingObservationNumber	[0..1]	int	Required if NoComplexEventAveragingObservations(40994) > 0.
ComplexEventAveragingWeight	[0..1]	float	

Used in groups: [ComplexEventPeriodGrp](#)

### 170.2.398 ComplexEventAveragingObservationNumber

Cross reference to the ordinal observation as specified either in the ComplexEventScheduleGrp or ComplexEventPeriodDateGrp components.

Type: [int](#)

Used in groups: [ComplexEventAveragingObservationGrp](#)

**170.2.399 ComplexEventAveragingWeight**

The weight factor to be applied to the observation.

Type: **float**

Used in groups: **ComplexEventAveragingObservationGrp**

**170.2.400 ComplexEventBusinessCenter**

The business center used to determine dates and times in the schedule or date-time group.

See <http://www.fpml.org/coding-scheme/business-center> for standard 4-character code values.

Type: **String**

Used in groups: **ComplexEventPeriodGrp**

**170.2.401 ComplexEventCalculationAgent**

Used to identify the calculation agent.

Type: **int**

Allowed values in ProvisionCalculationAgentCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	ExercisingParty	Exercising party
1	NonExercisingParty	Non-exercising party
2	MasterAgreement	As specified in the master agreement
3	Supplement	As specified in the standard terms supplement

---

Used in groups: **ComplexEvents**

**170.2.402 ComplexEventCondition**

Specifies the condition between complex events when more than one event is specified.

Multiple barrier events would use an "or" condition since only one can be effective at a given time. A set of digital range events would use an "and" condition since both conditions must be in effect for a payout to result.

Type: **int**

Allowed values in ComplexEventConditionCodeSet:

Code	Name	Description
1	And	And
2	Or	Or

Used in groups: **ComplexEvents**

### **170.2.403 ComplexEventCreditEventBusinessCenter**

The local business center for which the credit event is to be determined. The inclusion of this business center implies that Greenwich Mean Time in Section 3.3 of the 2003 ISDA Credit Derivatives Definitions is replaced by the local time of the specified business center.

See <http://www.fpml.org/coding-scheme/business-center> for standard 4-character code values.

Type: **String**

Used in groups: **ComplexEvents**

### **170.2.404 ComplexEventCreditEventCurrency**

Specifies the applicable currency when ComplexEventCreditEventValue(40999) is an amount. Uses ISO 4217 currency codes.

Type: **Currency**

Used in groups: **ComplexEventCreditEventGrp**

### **170.2.405 ComplexEventCreditEventDayType**

Specifies the day type for the complex credit events.

Type: **int**

Allowed values in ComplexEventDateOffsetDayTypeCodeSet:

Code	Name	Description
0	Business	Business
1	Calendar	Calendar
2	CommodityBusiness	Commodity business
3	CurrencyBusiness	Currency business
4	ExchangeBusiness	Exchange business
5	ScheduledTradingDay	Scheduled trading day

Used in groups: [ComplexEventCreditEventGrp](#)

### 170.2.406 ComplexEventCreditEventGrp

The ComplexEventCreditEventGrp is a repeating component within the ComplexEventGrp component used to report applicable option credit events.

Name	Mult.	Type	Description
<a href="#">NoComplexEventCreditEvents</a>	[1..1]	NumInGroup	
<a href="#">ComplexEventCreditEventType</a>	[0..1]	String	Required if NoComplexEventCreditEvents(40996) > 0.
<a href="#">ComplexEventCreditEventValue</a>	[0..1]	String	
<a href="#">ComplexEventCreditEventCurrency</a>	[0..1]	Currency	
<a href="#">ComplexEventCreditEventPeriod</a>	[0..1]	int	Conditionally required when ComplexEventCreditEventUnit(41002) is specified.
<a href="#">ComplexEventCreditEventUnit</a>	[0..1]	CodeSet	Conditionally required when ComplexEventCreditEventPeriod(41001) is specified.
<a href="#">ComplexEventCreditEventDayType</a>	[0..1]	CodeSet	
<a href="#">ComplexEventCreditEventRateSource</a>	[0..1]	int	
<a href="#">ComplexEventCreditEventQualifierGrp</a>	[0..*]	Group	

Used in groups: [ComplexEvents](#)

### 170.2.407 ComplexEventCreditEventMinimumSources

The minimum number of the specified public information sources that must publish information that reasonably confirms that a credit event has occurred. The market convention is two.

Type: **int**

Used in groups: **ComplexEvents**

#### **170.2.408 ComplexEventCreditEventNotifyingParty**

The notifying party is the party that notifies the other party when a credit event has occurred by means of a credit event notice. If more than one party is referenced as being the notifying party then either party may notify the other of a credit event occurring.

Type: **int**

Allowed values in ComplexEventCreditEventNotifyingPartyCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	SellerNotifies	Seller notifies
1	BuyerNotifies	Buyer notifies
2	SellerOrBuyerNotifies	Seller or buyer notifies

---

Used in groups: **ComplexEvents**

#### **170.2.409 ComplexEventCreditEventPeriod**

Time unit multiplier for complex credit events.

Type: **int**

Used in groups: **ComplexEventCreditEventGrp**

#### **170.2.410 ComplexEventCreditEventQualifier**

Specifies a complex event qualifier. Used to further qualify ComplexEventCreditEventType(40998).

Type: **char**

Allowed values in ProtectionTermEventQualifierCodeSet:

Code	Name	Description
H	RestructuringMultipleHoldingObligations	Restructuring - multiple holding obligations. In relation to a restructuring credit event, unless multiple holder obligation is not specified restructurings are limited to multiple holder obligations. A multiple holder obligation means an obligation that is held by more than three holders that are not affiliates of each other and where at least two thirds of the holders must agree to the event that constitutes the restructuring credit event. ISDA 2003 Term: Multiple Holder Obligation.
E	RestructuringMultipleCreditEventNotices	Restructuring - multiple credit event notices. Presence of this element and value set to 'true' indicates that Section 3.9 of the 2003 Credit Derivatives Definitions shall apply. Absence of this element indicates that Section 3.9 shall not apply. NOTE: Not allowed under ISDA Credit 1999.
C	FloatingRateInterestShortfall	Floating rate interest shortfall. Indicates compounding.

Used in groups: [ComplexEventCreditEventQualifierGrp](#)

#### 170.2.411 ComplexEventCreditEventQualifierGrp

The ComplexEventCreditEventQualifierGrp is a repeating component within the ComplexEventCreditEventGrp component used to specify qualifying attributes to an event.

Name	Mult.	Type	Description
<a href="#">NoComplexEventCreditEventQualifiers</a>	[1..1]	NumInGroup	
<a href="#">ComplexEventCreditEventQualifier</a>	[0..1]	CodeSet	Required if <a href="#">NoComplexEventCreditEventQualifiers(41005) &gt; 0</a> .

Used in groups: [ComplexEventCreditEventGrp](#)

#### 170.2.412 ComplexEventCreditEventRateSource

Identifies the source of rate information used for credit events.

See [http://www.fixtradingcommunity.org/codelists#Credit\\_Event\\_Rate\\_Source](http://www.fixtradingcommunity.org/codelists#Credit_Event_Rate_Source) for code list of applicable sources.

Type: [int](#)

Used in groups: [ComplexEventCreditEventGrp](#)

**170.2.413 ComplexEventCreditEventSource**

A newspaper or electronic news service that may publish relevant information used in the determination of whether or not a credit event has occurred.

Type: **String**

Used in groups: **ComplexEventCreditEventSourceGrp**

**170.2.414 ComplexEventCreditEventSourceGrp**

The ComplexEventCreditEventSourceGrp is a repeating subcomponent of the ComplexEvents component used to specify the particular newspapers or electronic news services that may publish relevant information used in the determination of whether or not a credit event has occurred.

Name	Mult.	Type	Description
NoComplexEventCreditEventSources	[1..1]	NumInGroup	
ComplexEventCreditEventSource	[0..1]	String	Required if NoComplexEventCreditEventSources(41029) > 0.

Used in groups: **ComplexEvents**

**170.2.415 ComplexEventCreditEventStandardSources**

When this element is specified and set to 'Y', indicates that ISDA defined Standard Public Sources are applicable.

Type: **Boolean**

Used in groups: **ComplexEvents**

**170.2.416 ComplexEventCreditEventsXIDRef**

Reference to credit event table elsewhere in the message.

Type: **XIDREF**

Used in groups: **ComplexEvents**



**170.2.417 ComplexEventCreditEventType**

Specifies the type of credit event.

See [http://www.fixtradingcommunity.org/codelists#Credit\\_Event\\_Types](http://www.fixtradingcommunity.org/codelists#Credit_Event_Types) for code list of applicable event types.

Type: **String**

Used in groups: **ComplexEventCreditEventGrp**

**170.2.418 ComplexEventCreditEventUnit**

Time unit associated with complex credit events.

Type: **String**

Allowed values in ProtectionTermEventUnitCodeSet:

---

Code	Name	Description
D	Day	Day
Wk	Week	Week
Mo	Month	Month
Yr	Year	Year

---

Used in groups: **ComplexEventCreditEventGrp**

**170.2.419 ComplexEventCreditEventValue**

The credit event value appropriate to ComplexEventCreditEventType(40998).

See [http://www.fixtradingcommunity.org/codelists#Credit\\_Event\\_Types](http://www.fixtradingcommunity.org/codelists#Credit_Event_Types) for applicable event type values.

Type: **String**

Used in groups: **ComplexEventCreditEventGrp**

**170.2.420 ComplexEventCurrencyOne**

Specifies the first or only reference currency of the trade.

ComplexEventCurrencyOneCodeSource(2942) may be used to disambiguate the code source scheme used, and ISO 4217 is the default scheme if absent.

Type: **Currency**

Used in groups: **ComplexEvents**

#### **170.2.421 ComplexEventCurrencyOneCodeSource**

Identifies class or source of the ComplexEventCurrencyOne(2124) value.

Type: **String**

Allowed values in CurrencyCodeSourceCodeSet:

<b>Code</b>	<b>Name</b>	<b>Description</b>
1	CUSIP	CUSIP
2	SEDOL	SEDOL
4	ISINNumber	ISIN
6	ISOCurrencyCode	ISO Currency Code (ISO 4217)
S	FinancialInstrumentGlobalIdentifier	Financial Instrument Global Identifier. An Object Management Group (OMG) standard. Also referred to as FIGI. Formerly known as "Bloomberg Open Symbology BBGID".
Y	DigitalTokenIdentifier	Digital Token Identifier (ISO 24165)

Used in groups: **ComplexEvents**

#### **170.2.422 ComplexEventCurrencyTwo**

Specifies the second reference currency of the trade.

ComplexEventCurrencyTwoCodeSource(2943) may be used to disambiguate the code source scheme used, and ISO 4217 is the default scheme if absent.

Type: **Currency**

Used in groups: **ComplexEvents**

#### **170.2.423 ComplexEventCurrencyTwoCodeSource**

Identifies class or source of the ComplexEventCurrencyTwo(2125) value.

Type: **String**

Allowed values in CurrencyCodeSourceCodeSet:

Code	Name	Description
1	CUSIP	CUSIP
2	SEDOL	SEDOL
4	ISINNumber	ISIN
6	ISOCurrencyCode	ISO Currency Code (ISO 4217)
S	FinancialInstrumentGlobalIdentifier	Financial Instrument Global Identifier. An Object Management Group (OMG) standard. Also referred to as FIGI. Formerly known as "Bloomberg Open Symbology BBGID".
Y	DigitalTokenIdentifier	Digital Token Identifier (ISO 24165)

Used in groups: **ComplexEvents**

#### **170.2.424 ComplexEventDateAdjusted**

The adjusted complex event date.

Type: **LocalMktDate**

Used in components: **ComplexEventRelativeDate**

#### **170.2.425 ComplexEventDateBusinessCenter**

The business center calendar used to adjust the complex event date, e.g. "GBLO".

See <http://www.fpml.org/coding-scheme/business-center> for standard 4-character code values.

Type: **String**

Used in groups: **ComplexEventDateBusinessCenterGrp**

#### **170.2.426 ComplexEventDateBusinessCenterGrp**

The ComplexEventDateBusinessCenterGrp is a repeating subcomponent of the ComplexEventRelativeDate component used to specify the set of business centers whose calendars drive date adjustment. Used only to override the business centers defined in the DateAdjustment component in Instrument.

Name	Mult.	Type	Description
NoComplexEventDateBusinessCenters	[1..1]	NumInGroup	
ComplexEventDateBusinessCenter	[0..1]	String	Required if NoComplexEventDateBuisnessCenters(41018) > 0.

Used in components: [ComplexEventRelativeDate](#)

### 170.2.427 ComplexEventDateBusinessDayConvention

The business day convention used to adjust the complex event date. Used only to override the business day convention specified in the DateAdjustment component within the Instrument component.

Type: [int](#)

Allowed values in BusinessDayConventionCodeSet:

Code	Name	Description
0	NotApplicable	Not applicable. Business day convention is not applicable.
1	None	None (current day)
2	FollowingDay	Following day. The following business day.
3	FloatingRateNote	Floating rate note. The FRN business day convention.
4	ModifiedFollowingDay	Modified following day. The modified following business day.
5	PrecedingDay	Preceding day. The preceding business day.
6	ModifiedPrecedingDay	Modified preceding day. The modified preceding business day.
7	NearestDay	Nearest day. The nearest applicable business day.

Used in components: [ComplexEventRelativeDate](#)

### 170.2.428 ComplexEventDateOffsetDayType

Specifies the day type of the relative date offset.

Type: [int](#)

Allowed values in ComplexEventDateOffsetDayTypeCodeSet:

---

Code	Name	Description
0	Business	Business
1	Calendar	Calendar
2	CommodityBusiness	Commodity business
3	CurrencyBusiness	Currency business
4	ExchangeBusiness	Exchange business
5	ScheduledTradingDay	Scheduled trading day

---

Used in components: [ComplexEventRelativeDate](#)

#### **170.2.429 ComplexEventDateOffsetPeriod**

Time unit multiplier for the relative date offset.

Type: [int](#)

Used in components: [ComplexEventRelativeDate](#)

#### **170.2.430 ComplexEventDateOffsetUnit**

Time unit associated with the relative date offset.

Type: [String](#)

Allowed values in PaymentStreamPaymentDateOffsetUnitCodeSet:

---

Code	Name	Description
D	Day	Day
Wk	Week	Week
Mo	Month	Month
Yr	Year	Year

---

Used in components: [ComplexEventRelativeDate](#)

#### **170.2.431 ComplexEventDateRelativeTo**

Specifies the anchor date when the complex event date is relative to an anchor date.

See [http://www.fixtradingcommunity.org/codelists#Relative\\_To\\_Date](http://www.fixtradingcommunity.org/codelists#Relative_To_Date) for values.

Type: **int**

Used in components: **ComplexEventRelativeDate**

### 170.2.432 ComplexEventDates

The ComplexEventDate and ComplexEventTime components are used to constrain a complex event to a specific date range or time range. If specified the event is only effective on or within the specified dates and times.

Name	Mult.	Type	Description
NoComplexEventDates	[1..1]	NumInGroup	
ComplexEventStartDate	[0..1]	UTCDateOnly	Required if NoComplexEventDates(1491) > 0.
ComplexEventEndDate	[0..1]	UTCDateOnly	Required if NoComplexEventDates(1491) > 0.
ComplexEventTimes	[0..*]	Group	

Used in groups: **ComplexEvents**

### 170.2.433 ComplexEventDateUnadjusted

The unadjusted complex event date.

Type: **LocalMktDate**

Used in components: **ComplexEventRelativeDate**

### 170.2.434 ComplexEventDeterminationMethod

Specifies the method according to which an amount or a date is determined.

See <http://www.fpml.org/coding-scheme/determination-method> for values.

Type: **String**

Used in groups: **ComplexEvents**

#### **170.2.435 ComplexEventEndDate**

Specifies the end date of the date range on which a complex event is effective. The start date will be set equal to the end date for single day events such as Bermuda options

ComplexEventEndDate must always be greater than or equal to ComplexEventStartDate.

Type: **UTCDateOnly**

Used in groups: **ComplexEventDates**

#### **170.2.436 ComplexEventEndTime**

Specifies the end time of the time range on which a complex event date is effective.

ComplexEventEndTime must always be greater than or equal to ComplexEventStartTime.

Type: **UTCTimeOnly**

Used in groups: **ComplexEventTimes**

#### **170.2.437 ComplexEventFixedFXRate**

Specifies the fixed FX rate alternative for FX Quanto options.

Type: **float**

Used in groups: **ComplexEvents**

#### **170.2.438 ComplexEventFixingTime**

The local market fixing time.

Type: **LocalMktTime**

Used in components: **ComplexEventRelativeDate**

#### **170.2.439 ComplexEventFixingTimeBusinessCenter**

The business center calendar used to determine the actual fixing times.

See <http://www.fpml.org/coding-scheme/business-center> for standard 4-character code values.

Type: **String**

Used in components: **ComplexEventRelativeDate**

#### **170.2.440 ComplexEventForwardPoints**

FX forward points added to spot rate. May be a negative value.

Type: **PriceOffset**

Used in groups: **ComplexEvents**

#### **170.2.441 ComplexEventFuturesPriceValuation**

Indicates whether the official settlement price as announced by the related exchange is applicable, in accordance with the ISDA 2002 definitions. Applicable only to futures contracts.

Type: **Boolean**

Used in groups: **ComplexEvents**

#### **170.2.442 ComplexEventOptionsPriceValuation**

Indicates whether the official settlement price as announced by the related exchange is applicable, in accordance with the ISDA 2002 definitions. Applicable only to options contracts.

Type: **Boolean**

Used in groups: **ComplexEvents**

#### **170.2.443 ComplexEventPeriodDate**

The averaging date for an Asian option.

The trigger date for a Barrier or Knock option.

Type: **LocalMktDate**

Used in groups: **ComplexEventPeriodDateGrp**

#### **170.2.444 ComplexEventPeriodDateGrp**

The ComplexEventPeriodDateGrp is a subcomponent of ComplexEventPeriodGrp for specifying fixed period dates and times for an Asian or Strike Schedule option or trigger dates for a Barrier or Knock option.



Name	Mult.	Type	Description
NoComplexEventPeriodDateTimes	[1..1]	NumInGroup	
ComplexEventPeriodDate	[0..1]	LocalMktDate	Required if NoComplexEventPeriodDateTimes(41007) > 0.
ComplexEventPeriodTime	[0..1]	LocalMktTime	

Used in groups: [ComplexEventPeriodGrp](#)

### 170.2.445 ComplexEventPeriodGrp

The ComplexEventPeriodGrp is a subcomponent of ComplexEvents for specifying the periods for an Asian, Barrier, Knock or Strike Schedule option feature.

Name	Mult.	Type	Description
NoComplexEventPeriods	[1..1]	NumInGroup	
ComplexEventPeriodType	[0..1]	CodeSet	Required if NoComplexEventPeriods(41010) > 0.
ComplexEventBusinessCenter	[0..1]	String	
ComplexEventScheduleGrp	[0..*]	Group	
ComplexEventPeriodDateGrp	[0..*]	Group	
ComplexEventAveragingObservation-Grp	[0..*]	Group	

Used in groups: [ComplexEvents](#)

### 170.2.446 ComplexEventPeriodTime

The averaging time for an Asian option.

Type: [LocalMktTime](#)

Used in groups: [ComplexEventPeriodDateGrp](#)

### 170.2.447 ComplexEventPeriodType

Specifies the period type.

Type: [int](#)

Allowed values in ComplexEventPeriodTypeCodeSet:

Code	Name	Description
0	AsianOut	Asian Out
1	AsianIn	Asian In
2	BarrierCap	Barrier Cap
3	BarrierFloor	Barrier Floor
4	KnockOut	Knock Out
5	KnockIn	Knock In

Used in groups: [ComplexEventPeriodGrp](#)

#### **170.2.448 ComplexEventPrice**

Specifies the price at which the complex event takes effect. Impact of the event price is determined by the ComplexEventType(1484).

Type: [Price](#)

Used in groups: [ComplexEvents](#)

#### **170.2.449 ComplexEventPriceBoundaryMethod**

Specifies the boundary condition to be used for the event price relative to the underlying price at the point the complex event outcome takes effect as determined by the ComplexEventPriceTimeType.

Type: [int](#)

Allowed values in ComplexEventPriceBoundaryMethodCodeSet:

Code	Name	Description
1	LessThanComplexEventPrice	Less than ComplexEventPrice(1486)
2	LessThanOrEqualToComplexEvent-Price	Less than or equal to ComplexEventPrice(1486)
3	EqualToComplexEventPrice	Equal to ComplexEventPrice(1486)
4	GreaterThanOrEqualToComplex-EventPrice	Greater than or equal to ComplexEventPrice(1486)
5	GreaterThanComplexEventPrice	Greater than ComplexEventPrice(1486)

Used in groups: [ComplexEvents](#)

### **170.2.450 ComplexEventPriceBoundaryPrecision**

Used in combination with `ComplexEventPriceBoundaryMethod` to specify the percentage of the strike price in relation to the underlying price. The percentage is generally 100 or greater for puts and 100 or less for calls.

Type: [Percentage](#)

Used in groups: [ComplexEvents](#)

### **170.2.451 ComplexEventPricePercentage**

Specifies the price percentage at which the complex event takes effect. Impact of the event price is determined by the `ComplexEventType(1484)`.

Type: [Percentage](#)

Used in groups: [ComplexEvents](#)

### **170.2.452 ComplexEventPriceTimeType**

Specifies when the complex event outcome takes effect. The outcome of a complex event is a payout or barrier action as specified by the `ComplexEventType(1484)`.

Type: [int](#)

Allowed values in `ComplexEventPriceTimeTypeCodeSet`:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
1	Expiration	Expiration
2	Immediate	Immediate (At Any Time)
3	SpecifiedDate	Specified Date/Time
4	Close	Close. Official closing time of the exchange on valuation date.
5	Open	Open. Official opening time of the exchange on valuation date.
6	OfficialSettlPrice	Official settlement price. Official settlement price determination time.
7	DerivativesClose	Derivatives close. Official closing time of the derivatives exchange.

---

Code	Name	Description
8	AsSpecifiedMasterConfirmation	As specified in Master Confirmation

Used in groups: [ComplexEvents](#)

### 170.2.453 ComplexEventPVFinalPriceElectionFallback

Specifies the fallback provisions for the hedging party in the determination of the final settlement price.

Type: [int](#)

Allowed values in ComplexEventPVFinalPriceElectionFallbackCodeSet:

Code	Name	Description
0	Close	Close. In respect of the "early final valuation date", the provisions for "future present value close" shall apply.
1	HedgeElection	Hedge election. In respect of the "early final valuation date", the provisions for "future present value hedge execution" shall apply.

Used in groups: [ComplexEvents](#)

### 170.2.454 ComplexEventQuoteBasis

For foreign exchange Quanto option feature.

Type: [int](#)

Allowed values in ComplexEventQuoteBasisCodeSet:

Code	Name	Description
0	Currency1PerCurrency2	Currency 1 per currency 2
1	Currency2PerCurrency1	Currency 2 per currency 1

Used in groups: [ComplexEvents](#)

**170.2.455 ComplexEventRateSource**

Identifies the source of rate information.

Type: **int**

Allowed values in RateSourceCodeSet:

Code	Name	Description
0	Bloomberg	Bloomberg
1	Reuters	Reuters
2	Telerate	Telerate
3	ISDARateOption	ISDA Settlement Rate Option. The source of the currency conversion as specified by the ISDA terms in Annex A to the 1998 FX and Currency Option Definitions. See <a href="http://www.fpml.org/coding-scheme/settlement-rate-option">http://www.fpml.org/coding-scheme/settlement-rate-option</a>
99	Other	Other

Used in groups: **ComplexEventRateSourceGrp**

**170.2.456 ComplexEventRateSourceGrp**

The ComplexEventRateSourceGrp is a subcomponent of ComplexEvents for specifying primary and secondary rate sources.

Name	Mult.	Type	Description
<b>NoComplexEventRateSources</b>	[1..1]	NumInGroup	
<b>ComplexEventRateSource</b>	[0..1]	CodeSet	Required if NoComplexEventRateSources(41013) > 0.
<b>ComplexEventRateSourceType</b>	[0..1]	CodeSet	Required if NoComplexEventRateSources(41013) > 0.
<b>ComplexEventReferencePage</b>	[0..1]	String	Conditionally required when ComplexEventRateSource(41014) = 99 (Other).
<b>ComplexEventReferencePageHeading</b>	[0..1]	String	

Used in groups: **ComplexEvents**

**170.2.457 ComplexEventRateSourceType**

Indicates whether the rate source specified is a primary or secondary source.

Type: **int**

Allowed values in RateSourceTypeCodeSet:

Code	Name	Description
0	Primary	Primary
1	Secondary	Secondary

Used in groups: **ComplexEventRateSourceGrp**

**170.2.458 ComplexEventReferencePage**

Identifies the reference page from the rate source.

For FX, the reference page to the spot rate is to be used for the reference FX spot rate.

When ComplexEventRateSource(41014) = 3 (ISDA Settlement Rate Option) this contains the value from the scheme that reflects the terms of the Annex A to the ISDA 1998 FX and Currency Option Definitions. See: <http://www.fpml.org/coding-scheme/settlement-rate-option>.

Type: **String**

Used in groups: **ComplexEventRateSourceGrp**

**170.2.459 ComplexEventReferencePageHeading**

Identifies the reference page heading from the rate source.

Type: **String**

Used in groups: **ComplexEventRateSourceGrp**

**170.2.460 ComplexEventRelativeDate**

The ComplexEventRelativeDate is a subcomponent of ComplexEvents for specifying the event date and time for an FX or Calendar Spread option or the payout date for a Barrier or Knock option.

Name	Mult.	Type	Description
ComplexEventDateUnadjusted	[0..1]	LocalMktDate	
ComplexEventDateRelativeTo	[0..1]	int	
ComplexEventDateOffsetPeriod	[0..1]	int	Conditionally required when ComplexEventDateOffsetUnit(41023) is specified.
ComplexEventDateOffsetUnit	[0..1]	CodeSet	Conditionally required when ComplexEventDateOffsetPeriod(41022) is specified.
ComplexEventDateOffsetDayType	[0..1]	CodeSet	
ComplexEventDateBusinessDayConvention	[0..1]	CodeSet	When specified, this overrides the business day convention defined in the DateAdjustment component in Instrument. The specified value would be specific to this instance of the instrument provisions.
ComplexEventDateBusinessCenterGrp	[0..*]	Group	When specified, this overrides the business centers defined in the DateAdjustment component in Instrument. The specified values would be specific to this instance of the instrument provisions.
ComplexEventDateAdjusted	[0..1]	LocalMktDate	
ComplexEventFixingTime	[0..1]	LocalMktTime	
ComplexEventFixingTimeBusinessCenter	[0..1]	String	

Used in groups: [ComplexEvents](#)

#### 170.2.461 ComplexEventScheduleEndDate

The end date of the schedule.

Type: [LocalMktDate](#)

Used in groups: [ComplexEventScheduleGrp](#)

#### 170.2.462 ComplexEventScheduleFrequencyPeriod

Time unit multiplier for the schedule date frequency.

Type: [int](#)

Used in groups: [ComplexEventScheduleGrp](#)

**170.2.463 ComplexEventScheduleFrequencyUnit**

Time unit associated with the schedule date frequency.

Type: **String**

Allowed values in ProtectionTermEventUnitCodeSet:

Code	Name	Description
D	Day	Day
Wk	Week	Week
Mo	Month	Month
Yr	Year	Year

Used in groups: **ComplexEventScheduleGrp**

**170.2.464 ComplexEventScheduleGrp**

The ComplexEventScheduleGrp is a subcomponent of ComplexEventPeriodGrp for specifying a periodic schedule for an Asian, Barrier or Strike Schedule option feature.

Name	Mult.	Type	Description
NoComplexEventSchedules	[1..1]	NumInGroup	
ComplexEventScheduleStartDate	[0..1]	LocalMktDate	Required if NoComplexEventSchedules(41031) > 0.
ComplexEventScheduleEndDate	[0..1]	LocalMktDate	
ComplexEventScheduleFrequencyPeriod	[0..1]	int	Conditionally required when ComplexEventScheduleFrequencyUnit(41035) is specified.
ComplexEventScheduleFrequencyUnit	[0..1]	CodeSet	Conditionally required when ComplexEventScheduleFrequencyPeriod(41034) is specified.
ComplexEventScheduleRollConvention	[0..1]	CodeSet	When specified, this overrides the date roll convention defined in the DateAdjustment component in Instrument. The specified values would be specific to this instance of the schedule.

Used in groups: **ComplexEventPeriodGrp**



**170.2.465 ComplexEventScheduleRollConvention**

The convention for determining the sequence of dates. It is used in conjunction with a specified frequency. Used only to override the roll convention defined in the DateAdjustment component in Instrument.

Type: **String**

Allowed values in DateRollConventionCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
1	FirstDay	1st day of the month
2	SecondDay	2nd day of the month
3	ThirdDay	3rd day of the month
4	FourthDay	4th day of the month
5	FifthDay	5th day of the month
6	SixthDay	6thd day of the month
7	SeventhDay	7th day of the month
8	EighthDay	8th day of the month
9	NinthDay	9th day of the month
10	TenthDay	10th day of the month
11	EleventhDay	11th day of the month
12	TwelvthDay	12th day of the month
13	ThirteenthDay	13th day of the month
14	ForteenthDay	14th day of the month
15	FifteenthDay	15th day of the month
16	SixteenthDay	16th day of the month
17	SeventeenthDay	17th day of the month
18	EighteenthDay	18th day of the month
19	NineteenthDay	19th day of the month
20	TwentiethDay	20th day of the month
21	TwentyFirstDay	21st day of the month
22	TwentySecondDay	22nd day of the month
23	TwentyThirdDay	23rd day of the month
24	TwentyFourthDay	24th day of the month
25	TwentyFifthDay	25th day of the month
26	TwentySixthDay	26th day of the month
27	TwentySeventhDay	27th day of the month

---

Code	Name	Description
28	TwentyEighthDa28y	28th day of the month
29	TwentyNinthDay	29th day of the month
30	ThirtiethDay	30th day of the month
EOM	EOM	The end of the month. Use EOM for 31st day of the month.
FRN	FRN	The floating rate note convention or Eurodollar convention.
IMM	IMM	The International Money Market settlement date, i.e. the 3rd Wednesday of the month.
IMMCAD	IMMCAD	The last trading day/expiration day of the Canadian Derivatives Exchange.
IMMAUD	IMMAUD	The last trading day of the Sydney Futures Exchange Australian 90-day bank accepted bill futures contract.
IMMNZD	IMMNZD	The last trading day of the Sydney Futures Exchange New Zealand 90-day bank bill futures contract.
SFE	SFE	The Sydney Futures Exchange 90-day bank accepted bill futures settlement dates.
NONE	NONE	No adjustment
TBILL	TBILL	The 13-week and 26-week U.S. Treasury Bill auction dates.
MON	MON	Monday
TUE	TUE	Tuesday
WED	WED	Wednesday
THU	THU	Thursday
FRI	FRI	Friday
SAT	SAT	Saturday
SUN	SUN	Sunday

Used in groups: [ComplexEventScheduleGrp](#)

#### 170.2.466 ComplexEventScheduleStartDate

The start date of the schedule.

Type: [LocalMktDate](#)

Used in groups: [ComplexEventScheduleGrp](#)

## 170.2.467 ComplexEvents

The ComplexEvent Group is a repeating block which allows specifying an unlimited number and types of advanced events, such as observation and pricing over the lifetime of an option, futures, commodities or equity swap contract. Use EvntGrp to specify more straightforward events.

Name	Mult.	Type	Description
NoComplexEvents	[1..1]	NumInGroup	
ComplexEventType	[0..1]	CodeSet	Required if NoComplexEvents(1483) > 0.
ComplexOptPayoutPaySide	[0..1]	CodeSet	
ComplexOptPayoutReceiveSide	[0..1]	CodeSet	
ComplexOptPayoutUnderlier	[0..1]	String	
ComplexOptPayoutAmount	[0..1]	Amt	
ComplexOptPayoutPercentage	[0..1]	Percentage	
ComplexOptPayoutTime	[0..1]	CodeSet	
ComplexOptPayoutCurrency	[0..1]	Currency	
ComplexOptPayoutCurrencyCodeSource	[0..1]	CodeSet	
ComplexEventPrice	[0..1]	Price	
ComplexEventPricePercentage	[0..1]	Percentage	
ComplexEventPriceBoundaryMethod	[0..1]	CodeSet	
ComplexEventPriceBoundaryPrecision	[0..1]	Percentage	
ComplexEventPriceTimeType	[0..1]	CodeSet	
ComplexEventCondition	[0..1]	CodeSet	Conditionally required when there are more than one ComplexEvents occurrences. A chain of ComplexEvents must be linked together through use of the ComplexEventCondition(1490) in which the relationship between any two events is described. For any two ComplexEvents the first occurrence will specify the ComplexEventCondition(1490) which links it with the second event.
ComplexEventDates	[0..*]	Group	
ComplexEventCurrencyOne	[0..1]	Currency	
ComplexEventCurrencyOneCodeSource	[0..1]	CodeSet	
ComplexEventCurrencyTwo	[0..1]	Currency	
ComplexEventCurrencyTwoCodeSource	[0..1]	CodeSet	

Name	Mult.	Type	Description
ComplexEventQuoteBasis	[0..1]	CodeSet	
ComplexEventFixedFXRate	[0..1]	float	
ComplexEventSpotRate	[0..1]	Price	
ComplexEventForwardPoints	[0..1]	PriceOffset	
ComplexEventDeterminationMethod	[0..1]	String	
ComplexEventCalculationAgent	[0..1]	CodeSet	
ComplexEventStrikePrice	[0..1]	Price	
ComplexEventStrikeFactor	[0..1]	float	
ComplexEventStrikeNumberOfOptions	[0..1]	int	
ComplexEventRateSourceGrp	[0..*]	Group	
ComplexEventRelativeDate	[0..1]	Component	
ComplexEventPeriodGrp	[0..*]	Group	
ComplexEventCreditEventsXIDRef	[0..1]	XIDREF	
ComplexEventCreditEventNotifying-Party	[0..1]	CodeSet	
ComplexEventCreditEventBusiness-Center	[0..1]	String	
ComplexEventCreditEventStandard-Sources	[0..1]	Boolean	
ComplexEventCreditEventMinimum-Sources	[0..1]	int	
ComplexEventCreditEventSourceGrp	[0..*]	Group	
ComplexEventCreditEventGrp	[0..*]	Group	
ComplexEventFuturesPriceValuation	[0..1]	Boolean	
ComplexEventOptionsPriceValuation	[0..1]	Boolean	
ComplexEventPVFinalPriceElection-Fallback	[0..1]	CodeSet	
ComplexEventXID	[0..1]	XID	
ComplexEventXIDRef	[0..1]	XIDREF	

Used in components: **Instrument**

### 170.2.468 ComplexEventSpotRate

FX spot rate.

Type: **Price**

Used in groups: **ComplexEvents**

#### **170.2.469 ComplexEventStartDate**

Specifies the start date of the date range on which a complex event is effective. The start date will be set equal to the end date for single day events such as Bermuda options

ComplexEventStartDate must always be less than or equal to ComplexEventEndDate.

Type: **UTCDateOnly**

Used in groups: **ComplexEventDates**

#### **170.2.470 ComplexEventStartTime**

Specifies the start time of the time range on which a complex event date is effective.

ComplexEventStartTime must always be less than or equal to ComplexEventEndTime.

Type: **UTCTimeOnly**

Used in groups: **ComplexEventTimes**

#### **170.2.471 ComplexEventStrikeFactor**

Strike factor for Asian option feature. Upper strike percentage for a Strike Spread.

Type: **float**

Used in groups: **ComplexEvents**

#### **170.2.472 ComplexEventStrikeNumberOfOptions**

Upper string number of options for a Strike Spread.

Type: **int**

Used in groups: **ComplexEvents**

**170.2.473 ComplexEventStrikePrice**

Upper strike price for Asian option feature. Strike percentage for a Strike Spread.

Type: **Price**

Used in groups: **ComplexEvents**

**170.2.474 ComplexEventTimes**

The ComplexEventTime component is nested within the ComplexEventDate in order to further qualify any dates placed on the event and is used to specify time ranges for which a complex event is effective. It is always provided within the context of start and end dates. The time range is assumed to be in effect for the entirety of the date or date range specified.

Name	Mult.	Type	Description
NoComplexEventTimes	[1..1]	NumInGroup	
ComplexEventStartTime	[0..1]	UTCTimeOnly	Required if NoComplexEventTimes(1494) > 0.
ComplexEventEndTime	[0..1]	UTCTimeOnly	Required if NoComplexEventTimes(1494) > 0.

Used in groups: **ComplexEventDates**

**170.2.475 ComplexEventType**

Identifies the type of complex event.

Type: **int**

Allowed values in ComplexEventTypeCodeSet:

Code	Name	Description
1	Capped	Capped
2	Trigger	Trigger
3	KnockInUp	Knock-in up
4	KnockInDown	Knock-in down
5	KnockOutUp	Knock-out up
6	KnockOutDown	Knock-out down
7	Underlying	Underlying

---

Code	Name	Description
8	ResetBarrier	Reset Barrier
9	RollingBarrier	Rolling Barrier
10	OneTouch	One-touch
11	NoTouch	No-touch
12	DbOneTouch	Double one-touch
13	DbNoTouch	Double no-touch
14	FXComposite	Foreign exchange composite
15	FXQuanto	Foreign exchange Quanto
16	FXCrssCcy	Foreign exchange cross currency
17	StrkSpread	Strike spread
18	ClndrSpread	Calendar spread
19	PxObsvtn	Price observation (Asian or Lookback)
20	PassThrough	Pass-through
21	StrkSched	Strike schedule
22	EquityValuation	Equity valuation
23	DividendValuation	Dividend valuation

---

Used in groups: [ComplexEvents](#)

#### **170.2.476 ComplexEventXID**

Identifier of this complex event for cross referencing elsewhere in the message.

Type: [XID](#)

Used in groups: [ComplexEvents](#)

#### **170.2.477 ComplexEventXIDRef**

Reference to a complex event elsewhere in the message.

Type: [XIDREF](#)

Used in groups: [ComplexEvents](#)

**170.2.478 ComplexOptPayoutAmount**

Cash amount indicating the pay out associated with an event. For binary options this is a fixed amount.

Type: **Amt**

Used in groups: **ComplexEvents**

**170.2.479 ComplexOptPayoutCurrency**

Specifies the currency of the payout amount.

ComplexOptPayoutCurrencyCodeSource(2941) may be used to disambiguate the code source scheme used, and ISO 4217 is the default scheme if absent.

Type: **Currency**

Used in groups: **ComplexEvents**

**170.2.480 ComplexOptPayoutCurrencyCodeSource**

Identifies class or source of the ComplexOptPayoutCurrency(2122) value.

Type: **String**

Allowed values in CurrencyCodeSourceCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
1	CUSIP	CUSIP
2	SEDOL	SEDOL
4	ISINNumber	ISIN
6	ISOCurrencyCode	ISO Currency Code (ISO 4217)
S	FinancialInstrumentGlobalIdentifier	Financial Instrument Global Identifier. An Object Management Group (OMG) standard. Also referred to as FIGI. Formerly known as "Bloomberg Open Symbology BBGID".
Y	DigitalTokenIdentifier	Digital Token Identifier (ISO 24165)

---

Used in groups: **ComplexEvents**



**170.2.481 ComplexOptPayoutPaySide**

Trade side of payout payer.

Type: **int**

Allowed values in PaymentPaySideCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
1	Buy	Buy
2	Sell	Sell

---

Used in groups: **ComplexEvents**

**170.2.482 ComplexOptPayoutPercentage**

Percentage of observed price for calculating the payout associated with the event.

Type: **Percentage**

Used in groups: **ComplexEvents**

**170.2.483 ComplexOptPayoutReceiveSide**

Trade side of payout receiver.

Type: **int**

Allowed values in PaymentPaySideCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
1	Buy	Buy
2	Sell	Sell

---

Used in groups: **ComplexEvents**

**170.2.484 ComplexOptPayoutTime**

Specifies when the payout is to occur.

Type: **int**

Allowed values in ComplexOptPayoutTimeCodeSet:

Code	Name	Description
0	Close	Close
1	Open	Open
2	OfficialSettl	Official settlement
3	ValuationTime	Valuation time
4	ExcahgneSettlTime	Exchange settlement time
5	DerivativesClose	Derivatives close
6	AsSpecified	As specified in master confirmation

Used in groups: **ComplexEvents**

**170.2.485 ComplexOptPayoutUnderlier**

Reference to the underlier whose payments are being passed through.

Type: **String**

Used in groups: **ComplexEvents**

**170.2.486 ComplianceID**

ID used to represent this transaction for compliance purposes (e.g. OATS reporting).

Type: **String**

Used in groups: **ListOrdGrp, SideCrossOrdCxlGrp, TrdCapRptAckSideGrp, TrdCapRptSideGrp, TrdMatchSideGrp**

Used in messages: **CrossOrderCancelReplaceRequest, CrossRequest, CrossRequestAck, ExecutionReport, MassQuote, MassQuoteAck, MultilegOrderCancelReplace, NewOrderCross, NewOrderMultileg, NewOrderSingle, OrderCancelReplaceRequest, OrderCancelRequest, OrderMassActionReport, OrderMassActionRequest, Quote, QuoteRequest, SecurityDefinitionRequest**

### **170.2.487 ComplianceText**

Free text for compliance information required for regulatory reporting.

Type: **String**

Used in groups: **ListOrdGrp, SideCrossOrdCxlGrp, TrdCapRptAckSideGrp, TrdCapRptSideGrp, TrdMatchSideGrp**

Used in messages: **CrossRequest, CrossRequestAck, ExecutionReport, MassQuote, MassQuoteAck, MultilegOrderCancelReplace, NewOrderMultileg, NewOrderSingle, OrderCancelReplaceRequest, OrderCancelRequest, OrderMassActionReport, OrderMassActionRequest, Quote, QuoteRequest, SecurityDefinitionRequest**

### **170.2.488 CompressionGroupID**

Use to identify a netting or compression group where trades in the group were netted or compressed. This includes both terminating trades and any remnant trades that result from the operation.

Type: **String**

Used in groups: **TrdCapRptSideGrp**

### **170.2.489 Concession**

Provides the reduction in price for the secondary market in Municipals.

(Note tag # was reserved in FIX 4.1, added in FIX 4.3)

Type: **Amt**

Used in groups: **TrdCapRptAckSideGrp, TrdCapRptSideGrp**

Used in messages: **AllocationInstruction, AllocationInstructionAlert, AllocationReport, Confirmation, ExecutionReport**

### **170.2.490 ConfirmationMethod**

Specifies how a trade was confirmed.

Type: **int**

Allowed values in ConfirmationMethodCodeSet:

---

Code	Name	Description
0	NonElectronic	Non-electronic
1	Electronic	Electronic
2	Unconfirmed	Unconfirmed

---

Used in messages: [TradeCaptureReport](#)

#### **170.2.491 ConfirmID**

Message reference for Confirmation

Type: [String](#)

Used in components: [SettlTradeDetails](#)

Used in messages: [Confirmation](#), [ConfirmationAck](#)

#### **170.2.492 ConfirmRefID**

Reference identifier to be used with ConfirmTransType (666) = Replace or Cancel

Type: [String](#)

Used in messages: [Confirmation](#)

#### **170.2.493 ConfirmRejReason**

Identifies the reason for rejecting a Confirmation.

Type: [int](#)

Allowed values in ConfirmRejReasonCodeSet:

---

Code	Name	Description
1	MismatchedAccount	Incorrect or missing account
2	MissingSettlementInstructions	Incorrect or missing settlement instructions
3	UnknownOrMissingIndividualAlloId	Unknown or missing IndividualAlloId(467)
4	TransactionNotRecognized	Transaction not recognized
5	DuplicateTransaction	Duplicate transaction

---

Code	Name	Description
6	IncorrectOrMissingInstrument	Incorrect or missing instrument
7	IncorrectOrMissingPrice	Incorrect or missing price
8	IncorrectOrMissingCommission	Incorrect or missing commission
9	IncorrectOrMissingSettlDate	Incorrect or missing settlement date
10	IncorrectOrMissingFundIDOrFund- Name	Incorrect or missing fund ID or fund name
11	IncorrectOrMissingQuantity	Incorrect or missing quantity
12	IncorrectOrMissingFees	Incorrect or missing fees
13	IncorrectOrMissingTax	Incorrect or missing tax
14	IncorrectOrMissingParty	Incorrect or missing party
15	IncorrectOrMissingSide	Incorrect or missing side
16	IncorrectOrMissingNetMoney	Incorrect or missing net-money
17	IncorrectOrMissingTradeDate	Incorrect or missing trade date
18	IncorrectOrMissingSettlCcyInstruc- tions	Incorrect or missing settlement currency instructions
19	IncorrectOrMissingCapacity	Incorrect or missing capacity
99	Other	Other. Use Text(58) for further reject reasons.

---

Used in messages: [ConfirmationAck](#)

#### **170.2.494 ConfirmReqID**

Unique identifier for a Confirmation Request message

Type: [String](#)

Used in messages: [Confirmation](#), [ConfirmationRequest](#)

#### **170.2.495 ConfirmStatus**

Identifies the status of the Confirmation.

Type: [int](#)

Allowed values in ConfirmStatusCodeSet:

---

Code	Name	Description
1	Received	Received
2	MismatchedAccount	Mismatched Account
3	MissingSettlementInstructions	Missing Settlement Instructions
4	Confirmed	Confirmed
5	RequestRejected	Request Rejected

---

Used in messages: **Confirmation**

### 170.2.496 ConfirmTransType

Identifies the Confirmation transaction type.

Type: **int**

Allowed values in ConfirmTransTypeCodeSet:

---

Code	Name	Description
0	New	New
1	Replace	Replace
2	Cancel	Cancel

---

Used in messages: **Confirmation**

### 170.2.497 ConfirmType

Identifies the type of Confirmation message being sent.

Type: **int**

Allowed values in ConfirmTypeCodeSet:

---

Code	Name	Description
1	Status	Status
2	Confirmation	Confirmation
3	ConfirmationRequestRejected	Confirmation Request Rejected (reason can be stated in Text (58) field)

---

Used in messages: [Confirmation](#), [ConfirmationRequest](#)

### 170.2.498 ContAmtCurr

Specifies currency for the Contract amount if different from the Deal Currency - see "Appendix 6-A; Valid Currency Codes".

Type: [Currency](#)

Used in groups: [ContAmtGrp](#)

### 170.2.499 ContAmtGrp

---

Name	Mult.	Type	Description
<a href="#">NoContAmts</a>	[1..1]	NumInGroup	Number of contract details in this message (number of repeating groups to follow)
<a href="#">ContAmtType</a>	[0..1]	CodeSet	Must be first field in the repeating group.
<a href="#">ContAmtValue</a>	[0..1]	float	
<a href="#">ContAmtCurr</a>	[0..1]	Currency	

---

Used in groups: [TrdCapRptAckSideGrp](#), [TrdCapRptSideGrp](#)

Used in messages: [ExecutionReport](#)

### 170.2.500 ContAmtType

Type of ContAmtValue (520).

NOTE That Commission Amount / % in Contract Amounts is the commission actually charged, rather than the commission instructions given in Fields 2/3.

Type: [int](#)

Allowed values in ContAmtTypeCodeSet:

---

Code	Name	Description
1	CommissionAmount	Commission amount (actual)
2	CommissionPercent	Commission percent (actual)
3	InitialChargeAmount	Initial Charge Amount

---

---

Code	Name	Description
4	InitialChargePercent	Initial Charge Percent
5	DiscountAmount	Discount Amount
6	DiscountPercent	Discount Percent
7	DilutionLevyAmount	Dilution Levy Amount
8	DilutionLevyPercent	Dilution Levy Percent
9	ExitChargeAmount	Exit Charge Amount
10	ExitChargePercent	Exit Charge Percent
11	FundBasedRenewalCommissionPercent	Fund-Based Renewal Commission Percent (a.k.a. Trail commission)
12	ProjectedFundValue	Projected Fund Value (i.e. for investments intended to realise or exceed a specific future value)
13	FundBasedRenewalCommissionOnOrder	Fund-Based Renewal Commission Amount (based on Order value)
14	FundBasedRenewalCommissionOnFund	Fund-Based Renewal Commission Amount (based on Projected Fund value)
15	NetSettlementAmount	Net Settlement Amount

---

Used in groups: [ContAmtGrp](#)

#### 170.2.501 ContAmtValue

Value of Contract Amount, e.g. a financial amount or percentage as indicated by ContAmtType (519).

Type: [float](#)

Used in groups: [ContAmtGrp](#)

#### 170.2.502 ContingencyType

Defines the type of contingency.

Type: [int](#)

Allowed values in ContingencyTypeCodeSet:

---

Code	Name	Description
1	OneCancelsTheOther	One Cancels the Other (OCO)

---



Code	Name	Description
2	OneTriggersTheOther	One Triggers the Other (OTO)
3	OneUpdatesTheOtherAbsolute	One Updates the Other (OUO) - Absolute Quantity Reduction
4	OneUpdatesTheOtherProportional	One Updates the Other (OUO) - Proportional Quantity Reduction
5	BidAndOffer	Bid and Offer
6	BidAndOfferOCO	Bid and Offer OCO

Used in messages: [ExecutionReport](#), [ListStatus](#), [NewOrderList](#)

#### **170.2.503 ContIntRptID**

Unique identifier for the Contrary Intention report

Type: [String](#)

Used in messages: [ContraryIntentionReport](#)

#### **170.2.504 ContraBroker**

Identifies contra broker. Standard NASD market-maker mnemonic is preferred.

Type: [String](#)

Used in groups: [ContraGrp](#)

#### **170.2.505 ContractMultiplier**

Specifies the ratio or multiply factor to convert from "nominal" units (e.g. contracts) to total units (e.g. shares) (e.g. 1.0, 100, 1000, etc). Applicable For Fixed Income, Convertible Bonds, Derivatives, etc.

Type: [float](#)

Used in components: [Instrument](#)

#### **170.2.506 ContractMultiplierUnit**

Indicates the type of multiplier being applied to the contract. Can be optionally used to further define what unit ContractMultiplier(tag 231) is expressed in.

Type: **int**

Allowed values in ContractMultiplierUnitCodeSet:

---

Code	Name	Description
0	Shares	Shares
1	Hours	Hours
2	Days	Days

---

Used in components: **Instrument**

### 170.2.507 ContractPriceRefMonth

Reference month if there is no applicable MaturityMonthYear(200) value for the contract or security.

Type: **MonthYear**

Used in components: **Instrument**

### 170.2.508 ContractRefPosType

Additional information related to the pricing of a commodity swaps position, specifically an indicator referring to the position type.

Type: **int**

Allowed values in ContractRefPosTypeCodeSet:

---

Code	Name	Description
0	TwoComponentIntercommoditySpread	Two component intercommodity spread
1	IndexOrBasket	Index or basket
2	TwoComponentLocationBasis	Two component locational basis
99	Other	Other

---

Used in messages: **PositionMaintenanceReport**, **PositionReport**

**170.2.509 ContractSettlMonth**

Specifies when the contract (i.e. MBS/TBA) will settle.

Type: **MonthYear**

Used in components: **Instrument**

**170.2.510 ContractualDefinition**

Specifies which contract definition, such as those published by ISDA, will apply for the terms of the trade. See <http://www.fpml.org/coding-scheme/contractual-definitions> for values.

Type: **String**

Used in groups: **FinancingContractualDefinitionGrp**

**170.2.511 ContractualMatrixDate**

The publication date of the applicable version of the contract matrix. If not specified, the ISDA Standard Terms Supplement defines rules for which version of the matrix is applicable.

Type: **LocalMktDate**

Used in groups: **FinancingContractualMatrixGrp**

**170.2.512 ContractualMatrixSource**

Identifies the applicable contract matrix. See <http://www.fpml.org/coding-scheme/matrix-type-1-0.xml> for values.

Type: **String**

Used in groups: **FinancingContractualMatrixGrp**

**170.2.513 ContractualMatrixTerm**

Specifies the applicable key into the relevant contract matrix. In the case of 2000 ISDA Definitions Settlement Matrix for Early Termination and Swaptions, the **ContractualMatrixTerm(40045)** is not applicable and is to be omitted.

See <http://www.fpml.org/coding-scheme/credit-matrix-transaction-type> for values.

Type: **String**

Used in groups: **FinancingContractualMatrixGrp**

#### 170.2.514 **ContraGrp**

---

<b>Name</b>	<b>Mult.</b>	<b>Type</b>	<b>Description</b>
<b>NoContraBrokers</b>	[1..1]	NumInGroup	Number of ContraBrokers repeating group instances.
<b>ContraBroker</b>	[0..1]	String	First field in repeating group. Required if NoContraBrokers > 0.
<b>ContraTrader</b>	[0..1]	String	
<b>ContraTradeQty</b>	[0..1]	Qty	
<b>ContraTradeTime</b>	[0..1]	UTCTimestamp	
<b>ContraLegRefID</b>	[0..1]	String	

---

Used in messages: **ExecutionReport**

#### 170.2.515 **ContraLegRefID**

Unique indicator for a specific leg for the ContraBroker (375).

Type: **String**

Used in groups: **ContraGrp**

#### 170.2.516 **ContraOrderOrigination**

Identifies the origin of the order from the counterparty of the execution or trade.

Type: **int**

Allowed values in OrderOriginationCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
1	OrderReceivedFromCustomer	Order received from a customer
2	OrderReceivedFromWithinFirm	Order received from within the firm

---

Code	Name	Description
3	OrderReceivedFromAnotherBrokerDealer	Order received from another broker-dealer
4	OrderReceivedFromCustomerOrWithFirm	Order received from a customer or originated from within the firm
5	OrderReceivedFromDirectAccessCustomer	Order received from a direct access or sponsored access customer
6	OrderReceivedFromForeignDealerEquivalent	Order received from a foreign dealer equivalent. A foreign dealer equivalent is a person in the business of trading securities in a foreign jurisdiction in a manner analogous to an investment dealer and that is subject to the regulatory jurisdiction of a signatory to the International Organization of Securities Commissions' (IOSCO) Multilateral Memorandum of Understanding, in that foreign jurisdiction.
7	OrderReceivedFromExecutionOnlyService	Order received from an execution-only service. The acceptance and execution of orders from customers for trades that the broker-dealer has not recommended and for which the broker-dealer takes no responsibility as to the appropriateness or suitability of orders accepted or account positions held.

Used in messages: [ExecutionReport](#), [NewOrderSingle](#), [OrderCancelReplaceRequest](#)

### 170.2.517 ContraRoutingArrangementIndicator

Indicates whether a routing arrangement is in place, e.g. between two brokers. May be used together with [ContraOrderOrigination\(2882\)](#) to further describe the origin of an order.

Type: [int](#)

Allowed values in [RoutingArrangementIndicatorCodeSet](#):

Code	Name	Description
0	NoRoutingArrangementInPlace	No routing arrangement in place
1	RoutingArrangementInPlace	Routing arrangement in place

Used in messages: [ExecutionReport](#), [NewOrderSingle](#), [OrderCancelReplaceRequest](#)

### **170.2.518 ContraryInstructionEligibilityIndicator**

Identifies whether the option instrument is eligible for contrary instructions at the time of exercise. The contrariness of an instruction will be determined in the context of InTheMoneyCondition(2681). When not specified, the eligibility is undefined or not applicable.

Type: **Boolean**

Used in components: **Instrument**

### **170.2.519 ContraryInstructionIndicator**

Used to indicate when a contrary instruction for exercise or abandonment is being submitted

Type: **Boolean**

Used in messages: **PositionMaintenanceReport, PositionMaintenanceRequest**

### **170.2.520 ContraTradeQty**

Quantity traded with the ContraBroker (375).

Type: **Qty**

Used in groups: **ContraGrp**

### **170.2.521 ContraTrader**

Identifies the trader (e.g. "badge number") of the ContraBroker.

Type: **String**

Used in groups: **ContraGrp**

### **170.2.522 ContraTradeTime**

Identifies the time of the trade with the ContraBroker (375). (always expressed in UTC (Universal Time Coordinated, also known as "GMT"))

Type: **UTCTimestamp**

Used in groups: **ContraGrp**

**170.2.523 ConvertibleBondEquityID**

Identifies the equity in which a convertible bond can be converted to.

Type: **String**

Used in components: **Instrument**

**170.2.524 ConvertibleBondEquityIDSource**

Identifies class or source of the ConvertibleBondEquityID(1951) value.

100+ are reserved for private security.

Type: **String**

Allowed values in SecurityIDSourceCodeSet:

Code	Name	Description
1	CUSIP	CUSIP
2	SEDOL	SEDOL
3	QUIK	QUIK
4	ISINNumber	ISIN
5	RICCode	RIC
6	ISOCurrencyCode	ISO Currency Code (ISO 4217)
7	ISOCountryCode	ISO Country Code
8	ExchangeSymbol	Exchange symbol
9	ConsolidatedTapeAssociation	Consolidated Tape Association (CTA) Symbol (SIAC CTS/CQS line format)
A	BloombergSymbol	Bloomberg Symbol
B	Wertpapier	Wertpapier
C	Dutch	Dutch
D	Valoren	Valoren
E	Sicovam	Sicovam
F	Belgian	Belgian
G	Common	"Common" (Clearstream and Euroclear)
H	ClearingHouse	Clearing house / Clearing organization
I	ISDAFpMLSpecification	ISDA/FpML product specification (XML in SecurityXML(1185))
J	OptionPriceReportingAuthority	Option Price Reporting Authority
K	ISDAFpMLURL	ISDA/FpML product URL (URL in SecurityID(48))

Code	Name	Description
L	LetterOfCredit	Letter of credit
M	MarketplaceAssignedIdentifier	Marketplace-assigned Identifier
N	MarkitREDEntityCLIP	Markit RED entity CLIP
P	MarkitREDPairCLIP	Markit RED pair CLIP
Q	CFTCCommodityCode	CFTC commodity code
R	ISDACommodityReferencePrice	ISDA Commodity Reference Price
S	FinancialInstrumentGlobalIdentifier	Financial Instrument Global Identifier. An Object Management Group (OMG) standard. Also referred to as FIGI. Formerly known as "Bloomberg Open Symbology BBGID".
T	LegalEntityIdentifier	Legal entity identifier
U	Synthetic	Synthetic. Used to specify that the security identifier is synthetic for linking nested underliers when there is no market identifier for the collection.
V	FidessaInstrumentMnemonic	Fidessa Instrument Mnemonic (FIM)
W	IndexName	Index name. Standard name of the index or rate index, e.g. "LIBOR" or "iTraxx Australia".
X	UniformSymbol	Uniform Symbol (UMTF Symbol)
Y	DigitalTokenIdentifier	Digital Token Identifier (ISO 24165)

Used in components: [Instrument](#)

### 170.2.525 CopyMsgIndicator

Indicates whether or not this message is a drop copy of another message.

Type: [Boolean](#)

Used in messages: [Confirmation](#), [ExecutionReport](#), [MassOrderAck](#), [NewOrderSingle](#), [PartyActionReport](#), [TradeCaptureReport](#), [TradeCaptureReportAck](#)

### 170.2.526 CorporateAction

Identifies the type of Corporate Action.

Type: [MultipleCharValue](#)

Allowed values in CorporateActionCodeSet:



Code	Name	Description
A	ExDividend	Ex-Dividend
B	ExDistribution	Ex-Distribution
C	ExRights	Ex-Rights
D	New	New
E	ExInterest	Ex-Interest
F	CashDividend	Cash Dividend
G	StockDividend	Stock Dividend
H	NonIntegerStockSplit	Non-Integer Stock Split
I	ReverseStockSplit	Reverse Stock Split
J	StandardIntegerStockSplit	Standard-Integer Stock Split
K	PositionConsolidation	Position Consolidation
L	LiquidationReorganization	Liquidation Reorganization
M	MergerReorganization	Merger Reorganization
N	RightsOffering	Rights Offering
O	ShareholderMeeting	Shareholder Meeting
P	Spinoff	Spinoff
Q	TenderOffer	Tender Offer
R	Warrant	Warrant
S	SpecialAction	Special Action
T	SymbolConversion	Symbol Conversion
U	CUSIP	CUSIP / Name Change
V	LeapRollover	Leap Rollover
W	SuccessionEvent	Succession Event

Used in groups: [MDIncGrp](#), [RelSymDerivSecGrp](#), [RelSymDerivSecUpdGrp](#), [SecMassStatGrp](#)

Used in messages: [MarketDataSnapshotFullRefresh](#), [SecurityDefinition](#), [SecurityDefinitionUpdateReport](#), [SecurityListUpdateReport](#), [SecurityStatus](#)

### 170.2.527 Country

ISO Country Code in field

Type: [Country](#)

Used in groups: [BidCompRspGrp](#)

**170.2.528 CountryOfIssue**

ISO Country code of instrument issue (e.g. the country portion typically used in ISIN). Can be used in conjunction with non-ISIN SecurityID (48) (e.g. CUSIP for Municipal Bonds without ISIN) to provide uniqueness.

Type: **Country**

Used in components: **Instrument**

**170.2.529 CouponDayCount**

The day count convention used in interest calculations for a bond or an interest bearing security. Absence of this field for a bond or an interest bearing security transaction implies a "flat" trade, i.e. no accrued interest determined at time of the transaction.

Type: **int**

Allowed values in CouponDayCountCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	OneOne	1/1. If parties specify the Day Count Fraction to be 1/1 then in calculating the applicable amount, 1 is simply input into the calculation as the relevant Day Count Fraction. See also 2006 ISDA Definitions, Section 4.16. Day Count Fraction, paragraph (a).
1	ThirtyThreeSixtyUS	30/360 (30U/360 or Bond Basis). See also ISO 15022 MICO code 'A001'.
2	ThirtyThreeSixtySIA	30/360 (SIA). A variant of "30/360" - when Date1 and Date2 are both Feb. 28th or 29th convert them to 30th using the same logic in the conversion of 31st to 30th.
3	ThirtyThreeSixtyM	30/360M. Commonly used day count convention for US mortgage backed securities. Feb 28th (or 29th in a leap year) is always considered as a 30th for a start date. As a comparison, in the regular 30/360 day count as used by most US agency and corporate bonds, a start date of Feb 28th (or 29th in a leap year) is still considered as the 28th (or 29th) day of a month of 30 days.
4	ThirtyEThreeSixty	30E/360 (Eurobond Basis). See also ISO 15022 MICO code 'A007'.

---

Code	Name	Description
5	ThirtyEThreeSixtyISDA	30E/360 (ISDA). Date adjustment rules are: (1) if Date1 is the last day of the month, then change Date1 to 30; (2) if D2 is the last day of the month (unless Date2 is the maturity date and Date2 is in February), then change Date2 to 30. See also 2006 ISDA Definitions, Section 4.16. Day Count Fraction, paragraph (h).
6	ActThreeSixty	Act/360. See also ISO 15022 MICO code 'A004'.
7	ActThreeSixtyFiveFixed	Act/365 (FIXED). See also ISO 15022 MICO code 'A005'.
8	ActActAFB	Act/Act (AFB). See also ISO 15022 MICO code 'A010'.
9	ActActICMA	Act/Act (ICMA). See also ISO 15022 MICO code 'A006'.
10	ActActISMAUltimo	Act/Act (ICMA Ultimo). The Act/Act (ICMA Ultimo) differs from Act/Act (ICMA) method only that it assumes that regular coupons always fall on the last day of the month.
11	ActActISDA	Act/Act (ISDA). See also ISO 15022 MICO code 'A008'.
12	BusTwoFiftyTwo	BUS/252. Used for Brazilian Real swaps, which is based on business days instead of calendar days. The number of business days divided by 252.
13	ThirtyEPlusThreeSixty	30E+/360. Variation on 30E/360. Date adjustment rules: (1) If Date1 falls on the 31st, then change it to the 30th; (2) If Date2 falls on the 31st, then change it to 1 and increase Month2 by one, i.e. next month.
14	ActThreeSixtyFiveL	Act/365L. See also ISO 15022 MICO code 'A009'.
15	NLThreeSixtyFive	NL365. See also ISO 15022 MICO code 'A014'.
16	NLThreeSixty	NL360. This is the same as Act/360, with the exception of leap days (29th February) which are ignored.
17	Act364	Act/364. The actual number of days between Date1 and Date2, divided by 364.
18	ThirtyThreeSixtyFive	30/365. Interest is calculated based on a 30-day month in a way similar to the 30/360 (basic rule) and a 365-day year. Accrued interest to a value date on the last day of a month shall be the same as to the 30th calendar day of the same month, except for February. This means that a 31 is assumed to be a 30 and the 28 February (or 29 February for a leap year) is assumed to be a 28 (or 29). See also ISO 15022 MICO code 'A002'.

Code	Name	Description
19	ThirtyActual	30/Actual. Interest is calculated based on a 30-day month in a way similar to the 30/360 (basic rule) and the assumed number of days in a year in a way similar to the Actual/Actual (ICMA). Accrued interest to a value date on the last day of a month shall be the same as to the 30th calendar day of the same month, except for February. This means that a 31 is assumed to be a 30 and the 28 February (or 29 February for a leap year) is assumed to be a 28 (or 29). The assumed number of days in a year is computed as the actual number of days in the coupon period multiplied by the number of interest payments in the year. See also ISO 15022 MICO code 'A003'.
20	ThirtyThreeSixtyICMA	30/360 (ICMA or basis rule). Interest is calculated based on a 30-day month and a 360-day year. Accrued interest to a value date on the last day of a month shall be the same as to the 30 calendar day of the same month, except for February. This means that a 31 is assumed to be a 30 and the 28 February (or 29 February for a leap year) is assumed to be a 28 (or 29). It is the most commonly used 30/360 method for non-US straight and convertible bonds issued before 1 January 1999. See also ISO 15022 MICO code 'A011'.
21	ThirtyETwoThreeSixty	30E2/360 (Eurobond basis model two). Interest is calculated based on a 30-day month and a 360-day year. Accrued interest to a value date on the last day of a month shall be the same as to the 30th calendar day of the same month, except for the last day of February whose day of the month value shall be adapted to the value of the first day of the interest period if the latter is higher and if the period is one of a regular schedule. This means that a 31 is assumed to be a 30 and the 28 February of a non-leap year is assumed to be equivalent to a 29 February when the first day of the interest period is a 29, or to a 30 February when the first day of the interest period is a 30 or a 31. The 29 February of a leap year is assumed to be equivalent to a 30 February when the first day of the interest period is a 30 or a 31. Similarly, if the coupon period starts on the last day of February, it is assumed to produce only one day of interest in February as if it was starting on a 30 February when the end of the period is a 30 or a 31, or two days of interest in February when the end of the period is a 29, or three days of interest in February when it is the 28 February of a non-leap year and the end of the period is before the 29. See also ISO 15022 MICO code 'A012'.

Code	Name	Description
22	ThirtyEThreeThreeSixty	30E3/360 (Eurobond basis model three). Interest is calculated based on a 30-day month and a 360-day year. Accrued interest to a value date on the last day of a month shall be the same as to the 30th calendar day of the same month. This means that a 31 is assumed to be a 30 and the 28 February (or 29 February for a leap year) is assumed to be equivalent to a 30 February. It is a variation of the 30E/360 (or Eurobond basis) method where the last day of February is always assumed to be a 30, even if it is the last day of the maturity coupon period. See also ISO 15022 MICO code 'A013'.
99	Other	Other. For other day count method. See also ISO 15022 MICO code 'OTHR'.

Used in components: [Instrument](#)

### 170.2.530 CouponFrequencyPeriod

Time unit multiplier for the frequency of the bond's coupon payment.

Type: [int](#)

Used in components: [Instrument](#)

### 170.2.531 CouponFrequencyUnit

Time unit associated with the frequency of the bond's coupon payment.

Type: [String](#)

Allowed values in CouponFrequencyUnitCodeSet:

Code	Name	Description
D	Day	Day
Wk	Week	Week
Mo	Month	Month
Yr	Year	Year
H	Hour	Hour
Min	Minute	Minute
S	Second	Second

Code	Name	Description
T	Term	Term

Used in components: [Instrument](#)

### 170.2.532 CouponOtherDayCount

The industry name of the day count convention not listed in CouponDayCount(1950).

Type: [String](#)

Used in components: [Instrument](#)

### 170.2.533 CouponPaymentDate

Date interest is to be paid. Used in identifying Corporate Bond issues.

(Note tag # was reserved in FIX 4.1, added in FIX 4.3)

(prior to FIX 4.4 field was of type UTCTDate)

Type: [LocalMktDate](#)

Used in components: [Instrument](#)

### 170.2.534 CouponRate

The rate of interest that, when multiplied by the principal, par value, or face value of a bond, provides the currency amount of the periodic interest payment. The coupon is always cited, along with maturity, in any quotation of a bond's price.

Type: [Percentage](#)

Used in components: [Instrument](#)

### 170.2.535 CouponType

Coupon type of the bond.

Type: [int](#)

Allowed values in CouponTypeCodeSet:

Code	Name	Description
0	Zero	Zero
1	FixedRate	Fixed rate
2	FloatingRate	Floating rate
3	Structured	Structured

Used in components: [Instrument](#)

### 170.2.536 CoveredOrUncovered

Used for derivative products, such as options

Type: [int](#)

Allowed values in CoveredOrUncoveredCodeSet:

Code	Name	Description
0	Covered	Covered
1	Uncovered	Uncovered

Used in groups: [ListOrdGrp](#), [SideCrossOrdModGrp](#)

Used in messages: [MultilegOrderCancelReplace](#), [NewOrderMultileg](#), [NewOrderSingle](#), [OrderCancelReplaceRequest](#)

### 170.2.537 CoveredQty

Used to specify the portion of the short contract quantity that is considered covered (e.g. used for short option position).

Type: [Qty](#)

Used in groups: [PositionQty](#), [TradePositionQty](#)

### 170.2.538 CoverPrice

The best quoted price received among those not traded.

Type: [Price](#)

Used in messages: [ExecutionReport](#), [QuoteResponse](#)

**170.2.539 CpctyConfGrp**

Name	Mult.	Type	Description
NoCapacities	[1..1]	NumInGroup	
OrderCapacity	[1..1]	CodeSet	Specifies the capacity of the firm executing the order(s)
OrderRestrictions	[0..1]	CodeSet	
OrderCapacityQty	[0..1]	Qty	The quantity that was executed under this capacity (e.g. quantity executed as agent, as principal etc.). If any are specified, all entries in the component must have OrderCapacityQty specified and the sum of OrderCapacityQty values must equal this message's AllocQty.

Used in messages: [Confirmation](#)

**170.2.540 CPPProgram**

The program under which a commercial paper offering is exempt from SEC registration identified by the paragraph number(s) within the US Securities Act of 1933 or as identified below.

Type: [int](#)

Allowed values in CPPProgramCodeSet:

Code	Name	Description
1	Program3a3	3(a)(3). Arising out of a current transaction with a maturity less than 9 months.
2	Program42	4(2). Issued not involving any public offering.
3	Program3a2	3(a)(2). Issued or guaranteed by the US, state or territorial government.
4	Program3a3And3c7	3(a)(3) & 3(c)(7). Combination of 3(a)(3) and 3(c)(7).
5	Program3a4	3(a)(4). Religious, education, benevolent, fraternal, charitable or reformatory purposes.
6	Program3a5	3(a)(5). Issued by an institution supervised by state or federal authority or by an exempt farmer's cooperative.
7	Program3a7	3(a)(7). Issued by a receiver or trustee in bankruptcy.
8	Program3c7	3(c)(7). Qualified hedge-fund under the Investment Company Act of 1940.



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Code	Name	Description
99	Other	Other

---

Used in components: [Instrument](#)

#### **170.2.541 CPRegType**

The description of commercial paper registration or rule under which exempt commercial paper is offered. For example "144a", "Tax Exempt" or "REG. S".

Type: [String](#)

Used in components: [Instrument](#)

#### **170.2.542 CreditRating**

An evaluation of a company's ability to repay obligations or its likelihood of not defaulting. These evaluation are provided by Credit Rating Agencies, i.e. S&P, Moody's.

(Note tag # was reserved in FIX 4.1, added in FIX 4.3)

Type: [String](#)

Used in components: [Instrument](#)

#### **170.2.543 CreditSupportAgreementDate**

The date of the ISDA Credit Support Agreement executed between the parties and intended to govern collateral arrangements for all OTC derivatives transactions between those parties.

Type: [LocalMktDate](#)

Used in components: [FinancingDetails](#)

#### **170.2.544 CreditSupportAgreementDesc**

The type of ISDA Credit Support Agreement. See <http://www.fpml.org/coding-scheme/credit-support-agreement-type> for values.

Type: [String](#)

Used in components: [FinancingDetails](#)

**170.2.545 CreditSupportAgreementID**

A common reference or unique identifier to identify the ISDA Credit Support Agreement executed between the parties.

Type: **String**

Used in components: **FinancingDetails**

**170.2.546 CrossedIndicator**

Indicates whether the order or quote was crossed with another order or quote having the same context, e.g. having accounts with a common ownership.

Type: **int**

Allowed values in CrossedIndicatorCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	NoCross	No cross. Crossing did not occur.
1	CrossRejected	Cross rejected. Crossing occurred but execution was prevented, e.g. due to self-match prevention.
2	CrossAccepted	Cross accepted. Crossing occurred but execution was permitted.

---

Used in messages: **ExecutionReport**

**170.2.547 CrossID**

Identifier for a cross order. Must be unique during a given trading day. Recommend that firms use the order date as part of the CrossID for Good Till Cancel (GT) orders.

Type: **String**

Used in messages: **CrossOrderCancelReplaceRequest**, **CrossOrderCancelRequest**, **ExecutionReport**, **NewOrderCross**

**170.2.548 CrossPercent**

Percentage of program that crosses in Currency. Represented as a percentage.

Type: **Percentage**

Used in messages: **BidRequest**

### **170.2.549 CrossPrioritization**

Indicates if one side or the other of a cross order should be prioritized.

The definition of prioritization is left to the market. In some markets prioritization means which side of the cross order is applied to the market first. In other markets - prioritization may mean that the prioritized side is fully executed (sometimes referred to as the side being protected).

Type: **int**

Allowed values in CrossPrioritizationCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	None	None
1	BuySidelsPrioritized	Buy side is prioritized
2	SellSidelsPrioritized	Sell side is prioritized

---

Used in messages: **CrossOrderCancelReplaceRequest, CrossOrderCancelRequest, NewOrderCross**

### **170.2.550 CrossRequestID**

Unique message identifier for a cross request as assigned by the submitter of the request.

Type: **String**

Used in messages: **CrossRequest, CrossRequestAck**

### **170.2.551 CrossType**

Type of cross being submitted to a market

Type: **int**

Allowed values in CrossTypeCodeSet:

<b>Code</b>	<b>Name</b>	<b>Description</b>
1	CrossAON	All-or-none cross. A cross order which is executed completely or not at all. Both sides of the cross are treated in the same manner.
2	CrossIOC	Immediate-or-cancel cross. A cross order which is immediately executed with any unfilled quantity cancelled. CrossPrioritization(550) may be used to indicate whether one side should have execution priority and any remaining quantity of the partially executed side be cancelled. Using CrossPrioritization(550)="Y" and CrossType(549)=2(Immediate-or-cancel cross) is equivalent to non-prioritized leg having a TimeInForce(59)=3(IOC) Immediate-or-cancel.
3	CrossOneSide	One sided cross. A cross order which is executed on one side with any unfilled quantity remaining active. CrossPrioritization(550) may be used to indicate which side should have execution priority.
4	CrossSamePrice	Cross executed against book. A cross order which is executed against existing orders in the order book. The quantity on one side of the cross is executed against existing orders and quotes with the same price, and any remaining quantity of the cross is executed against the other side of the cross. The two sides of the cross may have different quantities.
5	BasisCross	Basis cross. A cross order where a basket of securities or an index participation unit is transacted at prices achieved through the execution of related exchange-traded derivative instruments in an amount that will correspond to an equivalent market exposure.
6	ContingentCross	Contingent cross. A cross order resulting from a paired order placed by a participant to execute an order on a security that is contingent on the execution of a second order for an offsetting volume of a related security.
7	VWAPCross	Volume-weighted-average-price (VWAP) cross. A cross order for the purpose of executing a trade at a volume-weighted-average-price (VWAP) of a security traded for a continuous period on or during a trading day.
8	STSCross	Special trading session cross. A closing price cross resulting from an order placed by a participant for execution in a special trading session at the last sale price.
9	CustomerToCustomer	Customer to customer cross. Cross order where both sides of the cross represent agency orders.

Used in messages: [CrossOrderCancelReplaceRequest](#), [CrossOrderCancelRequest](#), [ExecutionReport](#), [NewOrderCross](#), [TradeCaptureReport](#), [TradeCaptureReportAck](#)

#### **170.2.552 CstmAppVerID**

Specifies a custom extension to a message being applied at the message level. Enumerated field

Type: [String](#)

Used in components: [StandardHeader](#)

#### **170.2.553 CumQty**

Total quantity (e.g. number of shares) filled.

(Prior to FIX 4.2 this field was of type int)

Type: [Qty](#)

Used in components: [TradeReportOrderDetail](#)

Used in groups: [OrdListStatGrp](#), [OrderEntryAckGrp](#)

Used in messages: [ExecutionAck](#), [ExecutionReport](#)

#### **170.2.554 Currency**

Identifies currency used for price or quantity fields, depending on the asset class being traded. [CurrencyCodeSource\(2897\)](#) may be used to disambiguate the code source scheme used, and ISO 4217 is the default scheme if absent.

Absence of this field is interpreted as the default currency for the security as defined by the respective reference data. It is recommended that systems provide the currency value whenever possible.

Type: [Currency](#)

Used in components: [SettlTradeDetails](#)

Used in groups: [InstrmtMDReqGrp](#), [InstrmtMatchSideGrp](#), [InstrmtStrkPxGrp](#), [ListOrdGrp](#), [MDFullGrp](#), [MDIncGrp](#), [QuotEntryAckGrp](#), [QuotEntryGrp](#), [QuotReqGrp](#), [QuotReqRjctGrp](#), [RelSymDerivSecGrp](#), [RelSymDerivSecUpdGrp](#), [SecListGrp](#), [SecLstUpdRelSymGrp](#), [SettlObligationInstructions](#)

Used in messages: [AccountSummaryReport](#), [Advertisement](#), [AllocationInstruction](#), [AllocationInstructionAlert](#), [AllocationReport](#), [AssignmentReport](#), [BidRequest](#), [CollateralAssignment](#), [CollateralInquiry](#),

CollateralInquiryAck, CollateralReport, CollateralRequest, CollateralResponse, Confirmation, CrossOrderCancelReplaceRequest, DerivativeSecurityListRequest, ExecutionReport, IOI, MarginRequirementReport, MarketDataStatisticsReport, MarketDefinition, MarketDefinitionUpdateReport, MultilegOrderCancelReplace, NewOrderCross, NewOrderMultileg, NewOrderSingle, OrderCancelReplaceRequest, PartyRiskLimitCheckRequest, PartyRiskLimitCheckRequestAck, PositionMaintenanceReport, PositionMaintenanceRequest, PositionReport, PositionTransferInstruction, PositionTransferReport, Quote, QuoteResponse, QuoteStatusReport, RequestForPositions, RequestForPositionsAck, SecurityDefinition, SecurityDefinitionRequest, SecurityDefinitionUpdateReport, SecurityListRequest, SecurityStatus, SecurityStatusRequest, TradeAggregationRequest, TradeCaptureReport, TradeCaptureReportAck

### 170.2.555 CurrencyCodeSource

Identifies class or source of the Currency(15) value.

Type: **String**

Allowed values in CurrencyCodeSourceCodeSet:

Code	Name	Description
1	CUSIP	CUSIP
2	SEDOL	SEDOL
4	ISINNumber	ISIN
6	ISOCurrencyCode	ISO Currency Code (ISO 4217)
S	FinancialInstrumentGlobalIdentifier	Financial Instrument Global Identifier. An Object Management Group (OMG) standard. Also referred to as FIGI. Formerly known as "Bloomberg Open Symbolology BBGID".
Y	DigitalTokenIdentifier	Digital Token Identifier (ISO 24165)

Used in components: **SettlTradeDetails**

Used in groups: **InstrmtMDReqGrp, InstrmtMatchSideGrp, InstrmtStrkPxGrp, ListOrdGrp, MDFullGrp, MDIncGrp, QuotEntryAckGrp, QuotEntryGrp, QuotReqGrp, QuotReqRjctGrp, RelSymDerivSecGrp, RelSymDerivSecUpdGrp, SecListGrp, SecLstUpdRelSymGrp, SettlObligationInstructions**

Used in messages: **Advertisement, AllocationInstruction, AllocationInstructionAlert, AllocationReport, AssignmentReport, BidRequest, CollateralAssignment, CollateralInquiry, CollateralInquiryAck, CollateralReport, CollateralRequest, CollateralResponse, Confirmation, CrossOrderCancelReplaceRequest, DerivativeSecurityListRequest, ExecutionReport, IOI, MarginRequirementReport, MarketDataStatisticsReport, MarketDefinition, MarketDefinitionUpdateReport, MultilegOrderCancelReplace, NewOrderCross, NewOrderMultileg, NewOrderSingle, OrderCancelReplaceRequest, PartyRiskLimitCheckRequest,**

PartyRiskLimitCheckRequestAck, PositionMaintenanceReport, PositionMaintenanceRequest, PositionReport, PositionTransferInstruction, PositionTransferReport, Quote, QuoteResponse, QuoteStatusReport, RequestForPositions, RequestForPositionsAck, SecurityDefinition, SecurityDefinitionRequest, SecurityDefinitionUpdateReport, SecurityListRequest, SecurityStatus, SecurityStatusRequest, TradeAggregationRequest, TradeCaptureReport, TradeCaptureReportAck

### **170.2.556 CurrencyRatio**

Specifies the currency ratio between the currency used for a multileg price and the currency used by the outright book defined by the leg. Example: Multileg quoted in EUR, outright leg in USD and 1 EUR = 0,7 USD then CurrencyRatio = 0.7

Type: **float**

Used in messages: **TradeCaptureReport**

### **170.2.557 CurrentCollateralAmount**

Currency value currently attributed to the collateral.

Type: **Amt**

Used in groups: **CollateralAmountGrp**

### **170.2.558 CurrentCostBasis**

The amount that the current shares are worth. If this lot was liquidated, the total gain/loss for a trade is equal to the trade amount minus the current cost basis.

Type: **Amt**

Used in groups: **AllocAckGrp, AllocGrp, PreAllocGrp, PreAllocMlegGrp, TrdAllocGrp**

### **170.2.559 CurrentDisplayPrice**

Price at which the order is currently displayed to the market. Can be used on order messages, e.g. NewOrderSingle(35=D), to provide the current displayed price of a parent order when splitting it into smaller child orders.

Type: **Price**

Used in components: **DisplayInstruction**

**170.2.560 CurrentWorkingPrice**

Current working price of the order relative to the state of the order.

Type: **Price**

Used in messages: **ExecutionReport**, **NewOrderSingle**, **OrderCancelReplaceRequest**

**170.2.561 CustDirectedOrder**

Indicates if the customer directed this order to a specific execution venue "Y" or not "N".

A default of "N" customer did not direct this order should be used in the case where the information is both missing and essential.

Type: **Boolean**

Used in messages: **ExecutionReport**, **NewOrderSingle**, **OrderCancelReplaceRequest**

**170.2.562 CustodialLotID**

An opaque identifier used to communicate the custodian's identifier for the lot. It is expected that this information would be provided by the custodian as part of a reconciliation process that occurs before trading.

Type: **String**

Used in groups: **AllocAckGrp**, **AllocGrp**, **PreAllocGrp**, **PreAllocMlegGrp**, **TrdAllocGrp**

**170.2.563 CustomerPriority**

Specifies the kind of priority given to customers.

Type: **int**

Allowed values in CustomerPriorityCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	NoPriority	No priority.
1	UnconditionalPriority	Unconditional priority.

---

Used in groups: **MatchRules**



**170.2.564 CustOrderCapacity**

Capacity of customer placing the order.

Type: **int**

Allowed values in CustOrderCapacityCodeSet:

Code	Name	Description
1	MemberTradingForTheirOwnAccount	Member trading for their own account
2	ClearingFirmTradingForItsProprietaryAccount	Clearing firm trading for its proprietary account
3	MemberTradingForAnotherMember	Member trading for another member
4	AllOther	All other
5	RetailCustomer	Retail customer. An order that originated from a retail customer (a natural person). In the context of the US Securities and Exchange Commission, this also means an order originated from a natural person where, prior to submission, no change was made to the terms of the order with respect to price or side of market and the order does not originate from an algorithm or other computerized trading method.

Used in groups: [ListOrdGrp](#), [SideCrossOrdModGrp](#), [TrdCapRptAckSideGrp](#), [TrdCapRptSideGrp](#), [TrdMatchSideGrp](#)

Used in messages: [AllocationInstruction](#), [AllocationInstructionAlert](#), [AllocationReport](#), [ExecutionReport](#), [MarketDataStatisticsReport](#), [MassOrder](#), [MassOrderAck](#), [MultilegOrderCancelReplace](#), [NewOrderMultileg](#), [NewOrderSingle](#), [OrderCancelReplaceRequest](#), [Quote](#), [QuoteResponse](#), [QuoteStatusReport](#)

**170.2.565 CustOrderHandlingInst**

Codes that apply special information that the Broker / Dealer needs to report, as specified by the customer.

NOTE: This field and its values have no bearing on the ExecInst and TimeInForce fields. These values should not be used instead of ExecInst or TimeInForce. This field and its values are intended for compliance reporting and/or billing purposes only.

For OrderHandlingInstSrc(1032) = 1 (FINRA OATS), valid values are (as of OATS Phase 3 as provided by FINRA. See also <http://www.finra.org/Industry/Compliance/MarketTransparency/OATS/PhaseIII/index.htm> for a complete list.

For OrderHandlingInstSrc(1032) = 2 (FIA Execution Source Code), only one enumeration value may be specified.

Type: **MultipleStringValue**

Allowed values in CustOrderHandlingInstCodeSet:

Code	Name	Description
A	PhoneSimple	Phone simple
G	GOrderAndFCMAPlorFIX	G Order(FINRA OATS), FCM API or FIX(FIA Execution Source)
ADD	AddOnOrder	Add-on order
B	PhoneComplex	Phone complex
AON	AllOrNone	All or none
C	FCMProvidedScreen	FCM provided screen
CND	ConditionalOrder	Conditional order
D	OtherProvidedScreen	Other provided screen
CNH	CashNotHeld	Cash not held
E	ClientProvidedPlatformControlled-ByFCM	Client provided platform controlled by FCM
CSH	DeliveryInstructionsCash	Delivery instructions - cash
F	ClientProvidedPlatformDirectToExchange	Client provided platform direct to exchange
DIR	DirectedOrder	Directed order
DLO	DiscretionaryLimitOrder	Discretionary limit order
H	AlgoEngine	Algo engine
E.W	ExchangeForPhysicalTransaction	Exchange for physical transaction
J	PriceAtExecution	Price at execution (price added at initial order entry, trading, middle office or time of give-up)
FOK	FillOrKill	Fill or kill
W	DeskElectronic	Desk - electronic
X	DeskPit	Desk - pit
IDX	IntraDayCross	Intraday cross
Y	ClientElectronic	Client - electronic
IO	ImbalanceOnly	Imbalance only
Z	ClientPit	Client - pit
IOC	ImmediateOrCancel	Immediate or cancel
ISO	IntermarketSweepOrder	Intermarket sweep order
LOO	LimitOnOpen	Limit on open

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
LOC	LimitOnClose	Limit on Close
MAO	MarketAtOpen	Market at Open
MAC	MarketAtClose	Market at close
MOO	MarketOnOpen	Market on open
MOC	MarketOnClose	Market on close
MPT	MergerRelatedTransferPosition	Merger related transfer position
MQT	MinimumQuantity	Minimum quantity
MTL	MarketToLimit	Market to limit
ND	DeliveryInstructionsNextDay	Delivery instructions - next day
NH	NotHeld	Not held
OPT	OptionsRelatedTransaction	Options related transaction
OVD	OverTheDay	Over the day
PEG	Pegged	Pegged
RSV	ReserveSizeOrder	Reserve size order
S.W	StopStockTransaction	Stop stock transaction
SCL	Scale	Scale
SLR	DeliveryInstructionsSellersOption	Delivery instructions - sellers option
TMO	TimeOrder	Time order
TS	TrailingStop	Trailing stop
WRK	Work	Work
F0	StayOnOfferside	Stay on offerside
F3	GoAlong	Go along
F6	ParticipateDoNotInitiate	Participate do not initiate
F7	StrictScale	Strict scale
F8	TryToScale	Try to scale
F9	StayOnBidside	Stay on bidside
FA	NoCross	No cross
FB	OKToCross	OK to cross
FC	CallFirst	Call first
FD	PercentOfVolume	Percent of volume
FH	ReinstateOnSystemFailure	Reinstate on system failure
FI	InstitutionOnly	Institution only
FJ	ReinstateOnTradingHalt	Reinstate on trading halt
FK	CancelOnTradingHalf	Cancel on trading half

---

Code	Name	Description
FL	LastPeg	Last peg
FM	MidPricePeg	Mid-price peg
FN	NonNegotiable	Non-negotiable
FO	OpeningPeg	Opening peg
FP	MarketPeg	Market peg
FQ	CancelOnSystemFailure	Cancel on system failure
FR	PrimaryPeg	Primary peg
FS	Suspend	Suspend
FT	FixedPegToLocalBBO	Fixed peg to local best bid or offer at time of order
FW	PegToVWAP	Peg to VWAP
FX	TradeAlong	Trade along
FY	TryToStop	Try to stop
FZ	CancelIfNotBest	Cancel if not best
Fb	StrictLimit	Strict limit
Fc	IgnorePriceValidityChecks	Ignore price validity checks
Fd	PegToLimitPrice	Peg to Limit Price
Fe	WorkToTargetStrategy	Work to target strategy

---

Used in groups: [TrdCapRptAckSideGrp](#), [TrdCapRptSideGrp](#), [TrdMatchSideGrp](#)

Used in messages: [AllocationInstruction](#), [AllocationInstructionAlert](#), [AllocationReport](#), [AllocationReportAck](#), [ExecutionReport](#), [MassOrder](#), [MassOrderAck](#), [NewOrderSingle](#), [OrderCancelReplaceRequest](#)

### 170.2.566 CxlQty

Total quantity canceled for this order.

(Prior to FIX 4.2 this field was of type int)

Type: [Qty](#)

Used in groups: [OrdListStatGrp](#), [OrderEntryAckGrp](#)

Used in messages: [ExecutionReport](#)

### 170.2.567 CxlRejReason

Code to identify reason for cancel rejection.

Type: **int**

Allowed values in CxlRejReasonCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	TooLateToCancel	Too late to cancel
1	UnknownOrder	Unknown order
2	BrokerCredit	Broker / Exchange Option
3	OrderAlreadyInPendingStatus	Order already in Pending Cancel or Pending Replace status
4	UnableToProcessOrderMassCancel-Request	Unable to process Order Mass Cancel Request
5	OrigOrdModTime	OrigOrdModTime (586) did not match last TransactTime (60) of order
6	DuplicateCLOrdID	Duplicate CLOrdID (11) received
7	PriceExceedsCurrentPrice	Price exceeds current price
8	PriceExceedsCurrentPriceBand	Price exceeds current price band
18	InvalidPriceIncrement	Invalid price increment
99	Other	Other

---

Used in messages: **OrderCancelReject**

### **170.2.568 CxlRejResponseTo**

Identifies the type of request that a Cancel Reject is in response to.

Type: **char**

Allowed values in CxlRejResponseToCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
1	OrderCancelRequest	Order cancel request
2	OrderCancelReplaceRequest	Order cancel/replace request

---

Used in messages: **OrderCancelReject**

**170.2.569 DateAdjustment**

DateAdjustment is a subcomponent in the Instrument component. It is used to specify date adjustment parameters and rules. The date adjustments specified here applies to all adjustable dates for the instrument, unless specifically overridden in the respective specified components elsewhere.

---

Name	Mult.	Type	Description
BusinessDayConvention	[0..1]	CodeSet	
BusinessCenterGrp	[0..*]	Group	
DateRollConvention	[0..1]	CodeSet	

---

Used in components: [Instrument](#)

**170.2.570 DatedDate**

The effective date of a new securities issue determined by its underwriters. Often but not always the same as the Issue Date and the Interest Accrual Date

Type: [LocalMktDate](#)

Used in components: [Instrument](#)

**170.2.571 DateOfBirth**

The date of birth applicable to the individual, e.g. required to open some types of tax-exempt account.

Type: [LocalMktDate](#)

Used in groups: [RgstDtIsGrp](#)

**170.2.572 DateRollConvention**

The convention for determining a sequence of dates. It is used in conjunction with a specified frequency. The value defined here applies to all adjustable dates in the instrument unless specifically overridden. Additional values may be used by mutual agreement of the counterparties.

Type: [String](#)

Allowed values in DateRollConventionCodeSet:

<b>Code</b>	<b>Name</b>	<b>Description</b>
1	FirstDay	1st day of the month
2	SecondDay	2nd day of the month
3	ThirdDay	3rd day of the month
4	FourthDay	4th day of the month
5	FifthDay	5th day of the month
6	SixthDay	6th day of the month
7	SeventhDay	7th day of the month
8	EighthDay	8th day of the month
9	NinthDay	9th day of the month
10	TenthDay	10th day of the month
11	EleventhDay	11th day of the month
12	TwelvthDay	12th day of the month
13	ThirteenthDay	13th day of the month
14	ForteenthDay	14th day of the month
15	FifteenthDay	15th day of the month
16	SixteenthDay	16th day of the month
17	SeventeenthDay	17th day of the month
18	EighteenthDay	18th day of the month
19	NineteenthDay	19th day of the month
20	TwentiethDay	20th day of the month
21	TwentyFirstDay	21st day of the month
22	TwentySecondDay	22nd day of the month
23	TwentyThirdDay	23rd day of the month
24	TwentyFourthDay	24th day of the month
25	TwentyFifthDay	25th day of the month
26	TwentySixthDay	26th day of the month
27	TwentySeventhDay	27th day of the month
28	TwentyEighthDay	28th day of the month
29	TwentyNinthDay	29th day of the month
30	ThirtiethDay	30th day of the month
EOM	EOM	The end of the month. Use EOM for 31st day of the month.
FRN	FRN	The floating rate note convention or Eurodollar convention.
IMM	IMM	The International Money Market settlement date, i.e. the 3rd Wednesday of the month.

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
IMMCAD	IMMCAD	The last trading day/expiration day of the Canadian Derivatives Exchange.
IMMAUD	IMMAUD	The last trading day of the Sydney Futures Exchange Australian 90-day bank accepted bill futures contract.
IMMNZD	IMMNZD	The last trading day of the Sydney Futures Exchange New Zealand 90-day bank bill futures contract.
SFE	SFE	The Sydney Futures Exchange 90-day bank accepted bill futures settlement dates.
NONE	NONE	No adjustment
TBILL	TBILL	The 13-week and 26-week U.S. Treasury Bill auction dates.
MON	MON	Monday
TUE	TUE	Tuesday
WED	WED	Wednesday
THU	THU	Thursday
FRI	FRI	Friday
SAT	SAT	Saturday
SUN	SUN	Sunday

---

Used in components: [DateAdjustment](#)

### **170.2.573 DayAvgPx**

The average price for quantity on a GT order that has traded today.

Type: [Price](#)

Used in messages: [ExecutionReport](#)

### **170.2.574 DayBookingInst**

Indicates whether or not automatic booking can occur.

Type: [char](#)

Allowed values in DayBookingInstCodeSet:



Code	Name	Description
0	Auto	Can trigger booking without reference to the order initiator ("auto")
1	SpeakWithOrderInitiatorBeforeBooking	Speak with order initiator before booking ("speak first")
2	Accumulate	Accumulate

Used in groups: [ListOrdGrp](#), [SideCrossOrdModGrp](#)

Used in messages: [ExecutionReport](#), [MultilegOrderCancelReplace](#), [NewOrderMultileg](#), [NewOrderSingle](#), [OrderCancelReplaceRequest](#)

### 170.2.575 DayCumQty

Quantity on a GT order that has traded today.

Type: [Qty](#)

Used in messages: [ExecutionReport](#)

### 170.2.576 DayOrderQty

For GT orders, the OrderQty (38) less all quantity (adjusted for stock splits) that traded on previous days.  $\text{DayOrderQty (424)} = \text{OrderQty} - (\text{CumQty (14)} - \text{DayCumQty (425)})$

Type: [Qty](#)

Used in messages: [ExecutionReport](#)

### 170.2.577 DealingCapacity

Identifies role of dealer; Agent, Principal, RisklessPrincipal

Type: [char](#)

Allowed values in DealingCapacityCodeSet:

Code	Name	Description
A	Agent	Agent
P	Principal	Principal

---

Code	Name	Description
R	RisklessPrincipal	Riskless Principal

---

Used in groups: [MDFullGrp](#), [MDIncGrp](#)

### 170.2.578 DefaultApplExtID

The extension pack number that is the default for a FIX session.

Type: [int](#)

Used in messages: [Logon](#)

### 170.2.579 DefaultApplVerID

Specifies the service pack release being applied, by default, to message at the session level. Enumerated field with values assigned at time of service pack release. Uses same values as ApplVerID

Type: [String](#)

Allowed values in ApplVerIDCodeSet:

---

Code	Name	Description
0	FIX27	FIX27
1	FIX30	FIX30
2	FIX40	FIX40
3	FIX41	FIX41
4	FIX42	FIX42
5	FIX43	FIX43
6	FIX44	FIX44
7	FIX50	FIX50
8	FIX50SP1	FIX50SP1
9	FIX50SP2	FIX50SP2
10	FIXLatest	FIXLatest

---

Used in messages: [Logon](#)

**170.2.580 DefaultCstmApplVerID**

The default custom application version ID that is the default for a session.

Type: **String**

Used in messages: **Logon**

**170.2.581 DefaultVerIndicator**

Indicates that the application version identified in the fields RefApplVerID(1130), RefApplExtID(1406), and RefCstmApplVerID(1131) is the default for the message type identified in RefMsgType(372) field.

Type: **Boolean**

Used in groups: **MsgTypeGrp**

**170.2.582 DefBidSize**

Default Bid Size.

Type: **Qty**

Used in messages: **MassQuote**

**170.2.583 DefOfferSize**

Default Offer Size.

Type: **Qty**

Used in messages: **MassQuote**

**170.2.584 DeleteReason**

Reason for deletion.

Type: **char**

Allowed values in DeleteReasonCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	Cancellation	Cancellation / Trade Bust

---

Code	Name	Description
1	Error	Error

Used in groups: [MDIncGrp](#)

#### **170.2.585 DeliverToCompID**

Assigned value used to identify the firm targeted to receive the message if the message is delivered by a third party i.e. the third party firm identifier would be delivered in the TargetCompID (56) field and the ultimate receiver firm ID in this field.

Type: [String](#)

Used in components: [StandardHeader](#)

#### **170.2.586 DeliverToLocationID**

Assigned value used to identify specific message recipient's location (i.e. geographic location and/or desk, trader) if the message was delivered by a third party

Type: [String](#)

Used in components: [StandardHeader](#)

#### **170.2.587 DeliverToSubID**

Assigned value used to identify specific message recipient (i.e. trader) if the message is delivered by a third party

Type: [String](#)

Used in components: [StandardHeader](#)

#### **170.2.588 DeliveryDate**

Date of delivery.

Type: [LocalMktDate](#)

Used in messages: [PositionReport](#)

**170.2.589 DeliveryForm**

Identifies the form of delivery.

Type: **int**

Allowed values in DeliveryFormCodeSet:

---

Code	Name	Description
1	BookEntry	Book Entry (default)
2	Bearer	Bearer

---

Used in components: **InstrumentExtension**

**170.2.590 DeliveryRouteOrCharter**

Specific delivery route or time charter average. Applicable to commodity freight contracts.

Type: **String**

Used in components: **Instrument**

**170.2.591 DeliveryScheduleGrp**

The DeliveryScheduleGrp is a repeating subcomponent of the Stream component used to detail step schedules associated with a delivery stream.

---

Name	Mult.	Type	Description
<b>NoDeliverySchedules</b>	[1..1]	NumInGroup	
<b>DeliveryScheduleType</b>	[0..1]	CodeSet	Required if NoDeliverySchedules(41037) > 0.
<b>DeliveryScheduleXID</b>	[0..1]	XID	
<b>DeliveryScheduleNotional</b>	[0..1]	Qty	
<b>DeliveryScheduleNotionalUnitOfMeasure</b>	[0..1]	CodeSet	
<b>DeliveryScheduleNotionalCommodityFrequency</b>	[0..1]	CodeSet	
<b>DeliveryScheduleNegativeTolerance</b>	[0..1]	float	
<b>DeliverySchedulePositiveTolerance</b>	[0..1]	float	

---

Name	Mult.	Type	Description
<a href="#">DeliveryScheduleToleranceUnitOfMeasure</a>	[0..1]	CodeSet	
<a href="#">DeliveryScheduleToleranceType</a>	[0..1]	CodeSet	Conditionally required when <a href="#">DeliveryScheduleNegativeTolerance(41043)</a> or <a href="#">DeliverySchedulePositiveTolerance(41044)</a> is specified.
<a href="#">DeliveryScheduleSettlCountry</a>	[0..1]	Country	
<a href="#">DeliveryScheduleSettlTimeZone</a>	[0..1]	String	
<a href="#">DeliveryScheduleSettlFlowType</a>	[0..1]	CodeSet	
<a href="#">DeliveryScheduleSettlHolidaysProcessingInstruction</a>	[0..1]	CodeSet	
<a href="#">DeliveryScheduleSettlDayGrp</a>	[0..*]	Group	

Used in groups: [StreamGrp](#)

#### 170.2.592 [DeliveryScheduleNegativeTolerance](#)

Specifies the negative tolerance value. The value may be an absolute quantity or a percentage, as specified in [DeliveryScheduleToleranceType\(41046\)](#). Percentage value is to be expressed relative to "1.0" representing 100% (e.g. a value of "0.0575" represents 5.75%).

Type: [float](#)

Used in groups: [DeliveryScheduleGrp](#)

#### 170.2.593 [DeliveryScheduleNotional](#)

Physical delivery quantity.

Type: [Qty](#)

Used in groups: [DeliveryScheduleGrp](#)

#### 170.2.594 [DeliveryScheduleNotionalCommodityFrequency](#)

The frequency of notional delivery.

Type: [int](#)

Allowed values in StreamNotionalCommodityFrequencyCodeSet:

Code	Name	Description
0	Term	Term
1	PerBusinessDay	Per business day
2	PerCalculationPeriod	Per calculation period
3	PerSettlPeriod	Per settlement period
4	PerCalendarDay	Per calendar day
5	PerHour	Per hour
6	PerMonth	Per month

Used in groups: [DeliveryScheduleGrp](#)

### 170.2.595 DeliveryScheduleNotionalUnitOfMeasure

Specifies the delivery quantity unit of measure (UOM).

Type: [String](#)

Allowed values in UnitOfMeasureCodeSet:

Code	Name	Description
Alw	Allowances	Allowances
Bcf	BillionCubicFeet	Billion cubic feet
Bbl	Barrels	Barrels. Equal to 42 US gallons
CBM	CubicMeters	Cubic Meters
BDFT	BoardFeet	Board feet. Equal to 144 cubic inches
GJ	Gigajoules	gigajoules
Bu	Bushels	Bushels
kHR	HeatRate	Heat rate. The number of BTUs required to produce one kilowatt hour of electricity, typically 3,412.14 BTUs per 1 kWh.
Ccy	Currency	Amount of currency
kWh	KilowattHours	Kilowatt hours
CDD	CoolingDegreeDay	Cooling degree day
MHR	MegaHeatRate	Mega heat rate. The number of million BTUs required to produce one megawatt hour of electricity, typically 3.41214 million BTUs per 1 MWh.

<b>Code</b>	<b>Name</b>	<b>Description</b>
CER	CertifiedEmissionsReduction	Certified emissions reduction
MMBtu	OneMillionBTU	One Million BTU
CPD	CriticalPrecipDay	Critical precipitation day
MWh	MegawattHours	Megawatt hours
CRT	ClimateReserveTonnes	Climate reserve tonnes
thm	Therms	therms. Equal to 100,000 BTU
cwt	Hundredweight	Hundredweight(US). Equal to 100 lbs
tnCO2	TonsOfCarbonDioxide	Tons of carbon dioxide
day	Day	Days
dt	DryMetricTons	Dry metric tons
EnvAllwnc	EnvAllwncCert	Environmental allowance certificates
EnvCrd	EnvironmentalCredit	Environmental credit
EnvOfst	EnvironmentalOffset	Environmental Offset
g	Grams	Grams
Gal	Gallons	Gallons
GT	GrossTons	Gross tons. Also known as long tons or imperial tons, equal to 2240 lbs
HDD	HeatingDegreeDay	Heating degree day
IPNT	IndexPoint	Index point
kg	Kilograms	Kilograms
kL	Kiloliters	kiloliters
kW-a	KilowattYear	Kilowatt year (electrical capacity)
kW-d	KilowattDay	Kilowatt day (electrical capacity)
kW-h	KilowattHour	Kilowatt hour (electrical capacity)
kW-M	KilowattMonth	Kilowatt month (electrical capacity)
kW-min	KilowattMinute	Kilowatt-Minute (electrical capacity)
L	Liters	liters
lbs	Pounds	pounds
MW-a	MegawattYear	Megawatt year (electrical capacity)
MW-d	MegawattDay	Megawatt day (electrical capacity)
MW-h	MegawattHour	Megawatt hour (electrical capacity)
MW-M	MegawattMonth	Megawatt month (electrical capacity)
MW-min	MegawattMinute	Megawatt minute (electrical capacity)
oz_tr	TroyOunces	Troy ounces



<b>Code</b>	<b>Name</b>	<b>Description</b>
PRINC	PrincipalWithRelationToDebtInstrument	Principal with relation to debt instrument
t	MetricTons	Metric tons. Also known as Tonnes, equal to 1000 kg
tn	Tons	Tons (US). Equal to 2000 lbs
a	Are	Are
ac	Acre	Acre
cL	Centiliter	Centiliter
cM	Centimeter	Centimeter
DGE	DieselGallonEquivalent	Diesel gallon equivalent
ft	Foot	Foot
Gal_gb	GBGallon	GB Gallon
GGE	GasolineGallonEquivalent	Gasonline gallon equivalent
ha	Hectare	Hectare
in	Inch	Inch
kM	Kilometer	Kilometer
M	Meter	Meter
mi	Mile	Mile
mL	Milliliter	Milliliter
mM	Millimeter	Millimeter
oz	USOunce	US ounce
pc	Piece	Piece
pt	USPint	US Pint
pt_gb	GBPint	GB pint
qt	USQuart	US Quart
qt_gb	GBQuart	GB Quart
SqcM	SquareCentimeter	Square centimeter
Sqft	SquareFoot	Square foot
Sqin	SquareInch	Square inch
SqkM	SquareKilometer	Square kilometer
SqM	SquareMeter	Square meter
Sqmi	SquareMile	Square mile
SqmM	SquareMillimeter	Square millimeter
Sqyd	SquareYard	Square yard
yd	Yard	Yard

Code	Name	Description
MMbbl	MillionBarrels	Million Barrels
USD	USDollars	US Dollars

Used in groups: [DeliveryScheduleGrp](#)

### 170.2.596 DeliverySchedulePositiveTolerance

Specifies the positive tolerance value. The value may be an absolute quantity or a percentage, as specified in [DeliveryScheduleToleranceType\(41046\)](#). Value may exceed agreed upon value. Percentage value is to be expressed relative to "1.0" representing 100% (e.g. a value of "0.0575" represents 5.75%).

Type: [float](#)

Used in groups: [DeliveryScheduleGrp](#)

### 170.2.597 DeliveryScheduleSettlCountry

Specifies the country where delivery takes place. Uses ISO 3166 2-character country code.

Type: [Country](#)

Used in groups: [DeliveryScheduleGrp](#)

### 170.2.598 DeliveryScheduleSettlDay

Specifies the day or group of days for delivery.

Type: [int](#)

Allowed values in [DeliveryScheduleSettlDayCodeSet](#):

Code	Name	Description
1	Monday	Monday
2	Tuesday	Tuesday
3	Wednesday	Wednesday
4	Thursday	Thursday
5	Friday	Friday
6	Saturday	Saturday

Code	Name	Description
7	Sunday	Sunday
8	AllWeekdays	All weekdays
9	AllDays	All days
10	AllWeekends	All weekends

Used in groups: [DeliveryScheduleSettlDayGrp](#)

### 170.2.599 DeliveryScheduleSettlDayGrp

The DeliveryScheduleSettlDayGrp is a repeating subcomponent of the DeliveryScheduleGrp component used to detail commodity delivery days.

Name	Mult.	Type	Description
<a href="#">NoDeliveryScheduleSettlDays</a>	[1..1]	NumInGroup	
<a href="#">DeliveryScheduleSettlDay</a>	[0..1]	CodeSet	Required if NoDeliveryScheduleSettlDays(41051) > 0.
<a href="#">DeliveryScheduleSettlTotalHours</a>	[0..1]	int	
<a href="#">DeliveryScheduleSettlTimeGrp</a>	[0..*]	Group	

Used in groups: [DeliveryScheduleGrp](#)

### 170.2.600 DeliveryScheduleSettlEnd

The scheduled end time for the delivery of the commodity where delivery occurs over specified times. The format of the time value is specified in DeliveryScheduleSettlTimeType(41057).

Type: [String](#)

Used in groups: [DeliveryScheduleSettlTimeGrp](#)

### 170.2.601 DeliveryScheduleSettlFlowType

Specifies the commodity delivery flow type.

Type: [int](#)

Allowed values in DeliveryScheduleSettlFlowTypeCodeSet:

Code	Name	Description
0	AllTimes	All times
1	OnPeak	On peak
2	OffPeak	Off peak
3	Base	Base
4	BlockHours	Block hours
5	Other	Other

Used in groups: [DeliveryScheduleGrp](#)

### 170.2.602 DeliveryScheduleSettlHolidaysProcessingInstruction

Indicates whether holidays are included in the settlement periods. Required for electricity contracts.

Type: [int](#)

Allowed values in DeliveryScheduleSettlHolidaysProcessingInstructionCodeSet:

Code	Name	Description
0	DoNotIncludeHolidays	Do not include holidays
1	IncludeHolidays	Include holidays

Used in groups: [DeliveryScheduleGrp](#)

### 170.2.603 DeliveryScheduleSettlStart

The scheduled start time for the delivery of the commodity where delivery occurs over specified times. The format of the time value is specified in DeliveryScheduleSettlTimeType(41057).

Type: [String](#)

Used in groups: [DeliveryScheduleSettlTimeGrp](#)

**170.2.604 DeliveryScheduleSettlTimeGrp**

The DeliveryScheduleSettlTimeGrp is a repeating subcomponent of the DeliveryScheduleSettlDayGrp component used to detail commodity delivery time period.

Name	Mult.	Type	Description
NoDeliveryScheduleSettlTimes	[1..1]	NumInGroup	
DeliveryScheduleSettlStart	[0..1]	String	Required if NoDeliveryScheduleSettlTimes(41054) > 0.
DeliveryScheduleSettlEnd	[0..1]	String	Required if NoDeliveryScheduleSettlTimes(41054) > 0.
DeliveryScheduleSettlTimeType	[0..1]	CodeSet	May be defaulted to market convention or bilaterally agreed if not specified.

Used in groups: [DeliveryScheduleSettlDayGrp](#)

**170.2.605 DeliveryScheduleSettlTimeType**

Specifies the format of the delivery start and end time values.

Type: **int**

Allowed values in DeliveryScheduleSettlTimeTypeCodeSet:

Code	Name	Description
0	Hour	Hour of the day. Applicable for electricity contracts. Time value is expressed as an integer hour of the day (1-24). The delivery start/end hour is specified as the end of the included hour. For example, a start hour of "4" begins at 3 a.m.; an end hour of "20" ends at 8 p.m.; a start hour of "1" and end hour of "24" indicates midnight to midnight delivery.
1	Timestamp	HH:MM time format. Applicable for gas contracts. Time value is expressed using a 24-hour time format. For example, a time value of "13:30" is 1:30 p.m.

Used in groups: [DeliveryScheduleSettlTimeGrp](#)

**170.2.606 DeliveryScheduleSettlTimeZone**

Delivery timezone specified as "prevailing" rather than "standard" or "daylight".

See [http://www.fixtradingcommunity.org/codelists#Prevailing\\_Timezones](http://www.fixtradingcommunity.org/codelists#Prevailing_Timezones) for code list of applicable prevailing timezones.

Type: **String**

Used in groups: **DeliveryScheduleGrp**

**170.2.607 DeliveryScheduleSettlTotalHours**

The sum of the total hours specified in the DeliveryScheduleSettlTimeGrp component.

Type: **int**

Used in groups: **DeliveryScheduleSettlDayGrp**

**170.2.608 DeliveryScheduleToleranceType**

Specifies the tolerance value type.

Type: **int**

Allowed values in DeliveryScheduleToleranceTypeCodeSet:

Code	Name	Description
0	Absolute	Absolute
1	Percentage	Percentage

Used in groups: **DeliveryScheduleGrp**

**170.2.609 DeliveryScheduleToleranceUnitOfMeasure**

Specifies the tolerance value's unit of measure (UOM).

Type: **String**

Allowed values in UnitOfMeasureCodeSet:

<b>Code</b>	<b>Name</b>	<b>Description</b>
Alw	Allowances	Allowances
Bcf	BillionCubicFeet	Billion cubic feet
Bbl	Barrels	Barrels. Equal to 42 US gallons
CBM	CubicMeters	Cubic Meters
BDFT	BoardFeet	Board feet. Equal to 144 cubic inches
GJ	Gigajoules	gigajoules
Bu	Bushels	Bushels
kHR	HeatRate	Heat rate. The number of BTUs required to produce one kilowatt hour of electricity, typically 3,412.14 BTUs per 1 kWh.
Ccy	Currency	Amount of currency
kWh	KilowattHours	Kilowatt hours
CDD	CoolingDegreeDay	Cooling degree day
MHR	MegaHeatRate	Mega heat rate. The number of million BTUs required to produce one megawatt hour of electricity, typically 3.41214 million BTUs per 1 MWh.
CER	CertifiedEmissionsReduction	Certified emissions reduction
MMBtu	OneMillionBTU	One Million BTU
CPD	CriticalPrecipDay	Critical precipitation day
MWh	MegawattHours	Megawatt hours
CRT	ClimateReserveTonnes	Climate reserve tonnes
thm	Therms	therms. Equal to 100,000 BTU
cwt	Hundredweight	Hundredweight(US). Equal to 100 lbs
tnCO2	TonsOfCarbonDioxide	Tons of carbon dioxide
day	Day	Days
dt	DryMetricTons	Dry metric tons
EnvAllwnc	EnvAllwncCert	Environmental allowance certificates
EnvCrd	EnvironmentalCredit	Environmental credit
EnvOfst	EnvironmentalOffset	Environmental Offset
g	Grams	Grams
Gal	Gallons	Gallons
GT	GrossTons	Gross tons. Also known as long tons or imperial tons, equal to 2240 lbs
HDD	HeatingDegreeDay	Heating degree day
IPNT	IndexPoint	Index point
kg	Kilograms	Kilograms

<b>Code</b>	<b>Name</b>	<b>Description</b>
kL	Kiloliters	kiloliters
kW-a	KilowattYear	Kilowatt year (electrical capacity)
kW-d	KilowattDay	Kilowatt day (electrical capacity)
kW-h	KilowattHour	Kilowatt hour (electrical capacity)
kW-M	KilowattMonth	Kilowatt month (electrical capacity)
kW-min	KilowattMinute	Kilowatt-Minute (electrical capacity)
L	Liters	liters
lbs	Pounds	pounds
MW-a	MegawattYear	Megawatt year (electrical capacity)
MW-d	MegawattDay	Megawatt day (electrical capacity)
MW-h	MegawattHour	Megawatt hour (electrical capacity)
MW-M	MegawattMonth	Megawatt month (electrical capacity)
MW-min	MegawattMinute	Megawatt minute (electrical capacity)
oz_tr	TroyOunces	Troy ounces
PRINC	PrincipalWithRelationToDebtInstrument	Principal with relation to debt instrument
t	MetricTons	Metric tons. Also known as Tonnes, equal to 1000 kg
tn	Tons	Tons (US). Equal to 2000 lbs
a	Are	Are
ac	Acre	Acre
cL	Centiliter	Centiliter
cM	Centimeter	Centimeter
DGE	DieselGallonEquivalent	Diesel gallon equivalent
ft	Foot	Foot
Gal_gb	GBGallon	GB Gallon
GGE	GasolineGallonEquivalent	Gasonline gallon equivalent
ha	Hectare	Hectare
in	Inch	Inch
kM	Kilometer	Kilometer
M	Meter	Meter
mi	Mile	Mile
mL	Milliliter	Milliliter
mM	Millimeter	Millimeter
oz	USOunce	US ounce



Code	Name	Description
pc	Piece	Piece
pt	USPint	US Pint
pt_gb	GBPint	GB pint
qt	USQuart	US Quart
qt_gb	GBQuart	GB Quart
SqcM	SquareCentimeter	Square centimeter
Sqft	SquareFoot	Square foot
Sqin	SquareInch	Square inch
SqkM	SquareKilometer	Square kilometer
SqM	SquareMeter	Square meter
Sqmi	SquareMile	Square mile
SqmM	SquareMillimeter	Square millimeter
Sqyd	SquareYard	Square yard
yd	Yard	Yard
MMbbl	MillionBarrels	Million Barrels
USD	USDollars	US Dollars

Used in groups: [DeliveryScheduleGrp](#)

### 170.2.610 DeliveryScheduleType

Specifies the type of delivery schedule.

Type: [int](#)

Allowed values in DeliveryScheduleTypeCodeSet:

Code	Name	Description
0	Notional	Notional
1	Delivery	Delivery
2	PhysicalSettlPeriods	Physical settlement period

Used in groups: [DeliveryScheduleGrp](#)

**170.2.611 DeliveryScheduleXID**

Identifier for this instance of delivery schedule for cross referencing elsewhere in the message.

Type: **XID**

Used in groups: **DeliveryScheduleGrp**

**170.2.612 DeliveryStreamCommoditySource**

The SCoTA coal cargo origin, mining region, mine(s), mining complex(es), loadout(s) or river dock(s) or other point(s) of origin that seller and buyer agree are acceptable origins for the coal product. For international coal transactions, this is the origin of the coal product.

See <http://www.fpml.org/coding-scheme/commodity-coal-product-source> for values.

Type: **String**

Used in groups: **DeliveryStreamCommoditySourceGrp**

**170.2.613 DeliveryStreamCommoditySourceGrp**

The DeliveryStreamCommoditySourceGrp is a repeating subcomponent of the DeliveryStream component used to detail the origins or sources of the commodity.

Name	Mult.	Type	Description
<b>NoDeliveryStreamCommoditySources</b>	[1..1]	NumInGroup	
<b>DeliveryStreamCommoditySource</b>	[0..1]	String	Required if NoDeliveryStreamCommoditySources(41085) > 0.

Used in components: **DeliveryStream**

**170.2.614 DeliveryStream**

The DeliveryStream component is used to optionally specify the attributes of a physical delivery stream in a swap.

Name	Mult.	Type	Description
<b>DeliveryStreamType</b>	[0..1]	CodeSet	

Name	Mult.	Type	Description
DeliveryStreamCommoditySourceGrp	[0..*]	Group	
DeliveryStreamPipeline	[0..1]	String	
DeliveryStreamEntryPoint	[0..1]	String	
DeliveryStreamWithdrawalPoint	[0..1]	String	
DeliveryStreamDeliveryPoint	[0..1]	String	
DeliveryStreamDeliveryPointSource	[0..1]	CodeSet	
DeliveryStreamDeliveryPointDesc	[0..1]	String	
DeliveryStreamDeliveryRestriction	[0..1]	CodeSet	
DeliveryStreamDeliveryContingency	[0..1]	String	
DeliveryStreamDeliveryContingentPartySide	[0..1]	CodeSet	
DeliveryStreamDeliverAtSourceIndicator	[0..1]	Boolean	
DeliveryStreamRiskApportionment	[0..1]	String	
DeliveryStreamRiskApportionmentSource	[0..1]	String	
DeliveryStreamCycleGrp	[0..*]	Group	
DeliveryStreamTitleTransferLocation	[0..1]	String	
DeliveryStreamTitleTransferCondition	[0..1]	CodeSet	
DeliveryStreamImporterOfRecord	[0..1]	String	
DeliveryStreamNegativeTolerance	[0..1]	float	
DeliveryStreamPositiveTolerance	[0..1]	float	
DeliveryStreamToleranceUnitOfMeasure	[0..1]	CodeSet	
DeliveryStreamToleranceType	[0..1]	CodeSet	
DeliveryStreamToleranceOptionSide	[0..1]	CodeSet	
DeliveryStreamTotalPositiveTolerance	[0..1]	Percentage	
DeliveryStreamTotalNegativeTolerance	[0..1]	Percentage	
DeliveryStreamNotionalConversionFactor	[0..1]	float	
DeliveryStreamTransportEquipment	[0..1]	String	
DeliveryStreamElectingPartySide	[0..1]	CodeSet	
DeliveryStreamRouteOrCharter	[0..1]	String	

Used in groups: [StreamGrp](#)

**170.2.615 DeliveryStreamCycleDesc**

The delivery cycles during which the oil product will be transported in the pipeline.

Type: **String**

Used in groups: **DeliveryStreamCycleGrp**

**170.2.616 DeliveryStreamCycleGrp**

The DeliveryStreamCycleGrp is a repeating subcomponent of the DeliveryStream component used to detail delivery cycles during which the oil product will be transported in the pipeline.

Name	Mult.	Type	Description
NoDeliveryStreamCycles	[1..1]	NumInGroup	
DeliveryStreamCycleDesc	[0..1]	String	Required if NoDeliveryStreamCycles(41081) > 0.
EncodedDeliveryStreamCycleDescLen	[0..1]	Length	Must be set if EncodedDeliveryStreamCycleDesc(41084) field is specified and must immediately precede it.
EncodedDeliveryStreamCycleDesc	[0..1]	data	Encoded (non-ASCII characters) representation of the DeliveryStreamCycleDesc(41082) field in the encoded format specified via the MessageEncoding(347) field.

Used in components: **DeliveryStream**

**170.2.617 DeliveryStreamDeliverAtSourceIndicator**

When this element is specified and set to 'Y', delivery of the coal product is to be at its source.

Type: **Boolean**

Used in components: **DeliveryStream**

**170.2.618 DeliveryStreamDeliveryContingency**

Specifies the electricity delivery contingency.

See <http://www.fpml.org/coding-scheme/electricity-transmission-contingency> for values.

Type: **String**

Used in components: **DeliveryStream**

**170.2.619 DeliveryStreamDeliveryContingentPartySide**

The trade side value of the party responsible for electricity delivery contingency.

Type: **int**

Allowed values in DeliveryStreamElectingPartySideCodeSet:

Code	Name	Description
0	Buyer	Buyer
1	Seller	Seller

Used in components: **DeliveryStream**

**170.2.620 DeliveryStreamDeliveryPoint**

The point at which the commodity product will be delivered and received. Value specified should follow market convention appropriate for the commodity product.

For bullion, see <http://www.fpml.org/coding-scheme/bullion-delivery-location> for values.

Type: **String**

Used in components: **DeliveryStream**

**170.2.621 DeliveryStreamDeliveryPointDesc**

Description of the delivery point identified in DeliveryStreamDeliveryPoint(41062).

Type: **String**

Used in components: **DeliveryStream**

**170.2.622 DeliveryStreamDeliveryPointSource**

Identifies the class or source of DeliveryStreamDeliveryPoint(41062).

Type: **int**

Allowed values in DeliveryStreamDeliveryPointSourceCodeSet:

Code	Name	Description
0	Proprietary	Proprietary
1	EIC	Energy Identification Code (EIC). Energy Identification Code specifies the location or connection point codes of energy delivery. See <a href="http://www.entsog.eu/eic-codes/eic-location-codes-v">http://www.entsog.eu/eic-codes/eic-location-codes-v</a> or <a href="http://www.eiccodes.eu">http://www.eiccodes.eu</a> for more information and allocated values to use in DeliveryStreamDeliveryPoint(41062).

Used in components: [DeliveryStream](#)

### 170.2.623 DeliveryStreamDeliveryRestriction

Specifies under what conditions the buyer and seller should be excused of their delivery obligations.

Type: [int](#)

Allowed values in DeliveryStreamDeliveryRestrictionCodeSet:

Code	Name	Description
1	Firm	Firm. Never excused of delivery obligations.
2	NonFirm	Interruptable or non-firm. Excused when interrupted for any reason or for no reason without liability.
3	ForceMajeure	Force majeure. Excused when prevented by force majeure.
4	SystemFirm	System firm. Must be supplied from the owned or controlled generation of pre-existing purchased power assets of the system specified.
5	UnitFirm	Unit firm. Must be supplied from the generation asset specified.

Used in components: [DeliveryStream](#)

### 170.2.624 DeliveryStreamElectingPartySide

A reference to the party able to choose whether the gas is delivered for a particular period as found in a swing or interruptible contract.

Type: [int](#)

Allowed values in DeliveryStreamElectingPartySideCodeSet:

Code	Name	Description
0	Buyer	Buyer
1	Seller	Seller

Used in components: [DeliveryStream](#)

#### **170.2.625 DeliveryStreamEntryPoint**

The point at which the commodity will enter the delivery mechanism or pipeline.

Type: [String](#)

Used in components: [DeliveryStream](#)

#### **170.2.626 DeliveryStreamImporterOfRecord**

A party, not necessarily of the trade, who is the Importer of Record for the purposes of paying customs duties and applicable taxes or costs related to importation.

Type: [String](#)

Used in components: [DeliveryStream](#)

#### **170.2.627 DeliveryStreamNegativeTolerance**

Specifies the negative tolerance value. The value may be an absolute quantity or a percentage, as specified in [DeliveryStreamToleranceType\(41074\)](#). Percentage value is to be expressed relative to "1.0" representing 100% (e.g. a value of "0.0575" represents 5.75%).

Type: [float](#)

Used in components: [DeliveryStream](#)

#### **170.2.628 DeliveryStreamNotionalConversionFactor**

If the notional quantity is specified in a unit that does not match the unit in which the commodity reference price is quoted, the scaling or conversion factor used to convert the commodity reference

price unit into the notional quantity unit should be stated here. If there is no conversion, this field is not intended to be used.

Type: **float**

Used in components: **DeliveryStream**

#### **170.2.629 DeliveryStreamPipeline**

The name of the oil delivery pipeline.

Type: **String**

Used in components: **DeliveryStream**

#### **170.2.630 DeliveryStreamPositiveTolerance**

Specifies the positive tolerance value. The value may be an absolute quantity or a percentage, as specified in **DeliveryStreamToleranceType(41074)**. Value may exceed agreed upon value. Percentage value is to be expressed relative to "1.0" representing 100% (e.g. a value of "0.0575" represents 5.75%).

Type: **float**

Used in components: **DeliveryStream**

#### **170.2.631 DeliveryStreamRiskApportionment**

Specifies how the parties to the trade apportion responsibility for the delivery of the commodity product.

See [http://www.fixtradingcommunity.org/codelists#Risk\\_Apportionment](http://www.fixtradingcommunity.org/codelists#Risk_Apportionment) for the details of the external code list.

Type: **String**

Used in components: **DeliveryStream**

#### **170.2.632 DeliveryStreamRiskApportionmentSource**

Specifies the source or legal framework for the risk apportionment.

See [http://www.fixtradingcommunity.org/codelists#Risk\\_Apportionment\\_Source](http://www.fixtradingcommunity.org/codelists#Risk_Apportionment_Source) for the details of the external code list.



Type: **String**

Used in components: **DeliveryStream**

### **170.2.633 DeliveryStreamRouteOrCharter**

Specific delivery route or time charter average. Applicable to commodity freight swaps.

Type: **String**

Used in components: **DeliveryStream**

### **170.2.634 DeliveryStreamTitleTransferCondition**

Specifies the condition of title transfer.

Type: **int**

Allowed values in DeliveryStreamTitleTransferConditionCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	Transfers	Transfers with risk of loss
1	DoesNotTransfer	Does not transfer with risk of loss

---

Used in components: **DeliveryStream**

### **170.2.635 DeliveryStreamTitleTransferLocation**

Specifies the title transfer location.

Type: **String**

Used in components: **DeliveryStream**

### **170.2.636 DeliveryStreamToleranceOptionSide**

Indicates whether the tolerance is at the seller's or buyer's option.

Type: **int**

Allowed values in DeliveryStreamToleranceOptionSideCodeSet:

---

Code	Name	Description
1	Buyer	Buyer
2	Seller	Seller

---

Used in components: [DeliveryStream](#)

### 170.2.637 DeliveryStreamToleranceType

Specifies the tolerance value type.

Type: [int](#)

Allowed values in DeliveryScheduleToleranceTypeCodeSet:

---

Code	Name	Description
0	Absolute	Absolute
1	Percentage	Percentage

---

Used in components: [DeliveryStream](#)

### 170.2.638 DeliveryStreamToleranceUnitOfMeasure

Specifies the tolerance value's unit of measure (UOM).

Type: [String](#)

Allowed values in UnitOfMeasureCodeSet:

---

Code	Name	Description
Alw	Allowances	Allowances
Bcf	BillionCubicFeet	Billion cubic feet
Bbl	Barrels	Barrels. Equal to 42 US gallons
CBM	CubicMeters	Cubic Meters
BDFT	BoardFeet	Board feet. Equal to 144 cubic inches
GJ	Gigajoules	gigajoules
Bu	Bushels	Bushels

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
kHR	HeatRate	Heat rate. The number of BTUs required to produce one kilowatt hour of electricity, typically 3,412.14 BTUs per 1 kWh.
Ccy	Currency	Amount of currency
kWh	KilowattHours	Kilowatt hours
CDD	CoolingDegreeDay	Cooling degree day
MHR	MegaHeatRate	Mega heat rate. The number of million BTUs required to produce one megawatt hour of electricity, typically 3.41214 million BTUs per 1 MWh.
CER	CertifiedEmissionsReduction	Certified emissions reduction
MMBtu	OneMillionBTU	One Million BTU
CPD	CriticalPrecipDay	Critical precipitation day
MWh	MegawattHours	Megawatt hours
CRT	ClimateReserveTonnes	Climate reserve tonnes
thm	Therms	therms. Equal to 100,000 BTU
cwt	Hundredweight	Hundredweight(US). Equal to 100 lbs
tnCO2	TonsOfCarbonDioxide	Tons of carbon dioxide
day	Day	Days
dt	DryMetricTons	Dry metric tons
EnvAllwnc	EnvAllwncCert	Environmental allowance certificates
EnvCrd	EnvironmentalCredit	Environmental credit
EnvOfst	EnvironmentalOffset	Environmental Offset
g	Grams	Grams
Gal	Gallons	Gallons
GT	GrossTons	Gross tons. Also known as long tons or imperial tons, equal to 2240 lbs
HDD	HeatingDegreeDay	Heating degree day
IPNT	IndexPoint	Index point
kg	Kilograms	Kilograms
kL	Kiloliters	kiloliters
kW-a	KilowattYear	Kilowatt year (electrical capacity)
kW-d	KilowattDay	Kilowatt day (electrical capacity)
kW-h	KilowattHour	Kilowatt hour (electrical capacity)
kW-M	KilowattMonth	Kilowatt month (electrical capacity)
kW-min	KilowattMinute	Kilowatt-Minute (electrical capacity)
L	Liters	liters

<b>Code</b>	<b>Name</b>	<b>Description</b>
lbs	Pounds	pounds
MW-a	MegawattYear	Megawatt year (electrical capacity)
MW-d	MegawattDay	Megawatt day (electrical capacity)
MW-h	MegawattHour	Megawatt hour (electrical capacity)
MW-M	MegawattMonth	Megawatt month (electrical capacity)
MW-min	MegawattMinute	Megawatt minute (electrical capacity)
oz_tr	TroyOunces	Troy ounces
PRINC	PrincipalWithRelationToDebtInstrument	Principal with relation to debt instrument
t	MetricTons	Metric tons. Also known as Tonnes, equal to 1000 kg
tn	Tons	Tons (US). Equal to 2000 lbs
a	Are	Are
ac	Acre	Acre
cL	Centiliter	Centiliter
cM	Centimeter	Centimeter
DGE	DieselGallonEquivalent	Diesel gallon equivalent
ft	Foot	Foot
Gal_gb	GBGallon	GB Gallon
GGE	GasolineGallonEquivalent	Gasonline gallon equivalent
ha	Hectare	Hectare
in	Inch	Inch
kM	Kilometer	Kilometer
M	Meter	Meter
mi	Mile	Mile
mL	Milliliter	Milliliter
mM	Millimeter	Millimeter
oz	USOunce	US ounce
pc	Piece	Piece
pt	USPint	US Pint
pt_gb	GBPint	GB pint
qt	USQuart	US Quart
qt_gb	GBQuart	GB Quart
SqcM	SquareCentimeter	Square centimeter
Sqft	SquareFoot	Square foot

Code	Name	Description
Sqin	SquareInch	Square inch
SqkM	SquareKilometer	Square kilometer
SqM	SquareMeter	Square meter
Sqmi	SquareMile	Square mile
SqmM	SquareMillimeter	Square millimeter
Sqyd	SquareYard	Square yard
yd	Yard	Yard
MMbbl	MillionBarrels	Million Barrels
USD	USDollars	US Dollars

---

Used in components: [DeliveryStream](#)

#### **170.2.639 DeliveryStreamTotalNegativeTolerance**

The negative percent tolerance which applies to the total quantity delivered over all shipment periods.

Percentage value is to be expressed relative to "1.0" representing 100% (e.g. a value of "0.0575" represents 5.75%).

Type: [Percentage](#)

Used in components: [DeliveryStream](#)

#### **170.2.640 DeliveryStreamTotalPositiveTolerance**

The positive percent tolerance which applies to the total quantity delivered over all shipment periods.

Percentage value is to be expressed relative to "1.0" representing 100% (e.g. a value of "0.0575" represents 5.75%).

Type: [Percentage](#)

Used in components: [DeliveryStream](#)

#### **170.2.641 DeliveryStreamTransportEquipment**

The transportation equipment with which the commodity product will be delivered and received.

Type: **String**

Used in components: **DeliveryStream**

### 170.2.642 DeliveryStreamType

Specifies the type of delivery stream.

Type: **int**

Allowed values in DeliveryStreamTypeCodeSet:

---

Code	Name	Description
0	Periodic	Periodic (default if not specified)
1	Initial	Initial
2	Single	Single

---

Used in components: **DeliveryStream**

### 170.2.643 DeliveryStreamWithdrawalPoint

The point at which the commodity product will be withdrawn prior to delivery.

Type: **String**

Used in components: **DeliveryStream**

### 170.2.644 DeliveryType

Identifies type of settlement

Type: **int**

Allowed values in DeliveryTypeCodeSet:

---

Code	Name	Description
0	VersusPayment	"Versus Payment": Deliver (if sell) or Receive (if buy) vs. (against) Payment
1	Free	"Free": Deliver (if sell) or Receive (if buy) Free
2	TriParty	Tri-Party

---

---

Code	Name	Description
3	HoldInCustody	Hold In Custody
4	DeliverByValue	Deliver-by-Value. In the context of EU SFTR reporting, indicates that the transaction is to be or was settled using the DBV mechanism.

---

Used in components: [FinancingDetails](#)

#### **170.2.645 DeltaCrossed**

Indicates that the party has taken a position on both a put and a call on the same underlying asset.

Type: [Boolean](#)

Used in messages: [TradeCaptureReport](#)

#### **170.2.646 DerivativeCapPrice**

Used to express the ceiling price of a capped call.

See CapPrice(1199) for complete definition.

Type: [Price](#)

Used in components: [DerivativeInstrument](#)

#### **170.2.647 DerivativeCFIcode**

The type of security using ISO 10962 standard, Classification of Financial Instruments (CFI code) values.

See CFIcode(461) for complete definition.

Type: [String](#)

Used in components: [DerivativeInstrument](#)

#### **170.2.648 DerivativeContractMultiplier**

Specifies the ratio or multiply factor to convert from nominal units (e.g. contracts) to total units (e.g. shares) (e.g. 1.0, 100, 1000, etc.).

See ContractMultiplier(231) for complete definition.

Type: **float**

Used in components: **DerivativeInstrument**

### **170.2.649 DerivativeContractMultiplierUnit**

Indicates the type of multiplier being applied to the contract. Can be optionally used to further define what unit DerivativeContractMultiplier(1266) is expressed in.

See ContractMultiplierUnit(1435) for complete definition.

Type: **int**

Allowed values in ContractMultiplierUnitCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	Shares	Shares
1	Hours	Hours
2	Days	Days

---

Used in components: **DerivativeInstrument**

### **170.2.650 DerivativeContractSettlMonth**

Specifies when the contract (i.e. MBS/TBA) will settle.

See ContractSettlMonth(667) for complete definition.

Type: **MonthYear**

Used in components: **DerivativeInstrument**

### **170.2.651 DerivativeContraryInstructionEligibilityIndicator**

Identifies whether the option instrument is eligible for contrary instructions at the time of exercise. The contrariness of an instruction will be determined in the context of DerivativeInTheMoneyCondition(2684). When not specified, the eligibility is undefined or not applicable.

See ContraryInstructionEligibilityIndicator(2685) for complete definition.

Type: **Boolean**

Used in components: **DerivativeInstrument**



### **170.2.652 DerivativeCountryOfIssue**

ISO Country code of instrument issue (e.g. the country portion typically used in ISIN).

See CountryOfIssue(470) for complete definition.

Type: **Country**

Used in components: **DerivativeInstrument**

### **170.2.653 DerivativeEncodedIssuer**

Encoded (non-ASCII characters) representation of the DerivativeIssuer(1275) field in the encoded format specified via the MessageEncoding (347) field. If used, the ASCII (English) representation should also be specified in the DerivativeIssuer(1275) field.

See EncodedIssuer(349) for complete definition.

Type: **data**

Used in components: **DerivativeInstrument**

### **170.2.654 DerivativeEncodedIssuerLen**

Byte length of encoded (non-ASCII characters) DerivativeEncodedSecurityDesc (1281) field.

See EncodedIssuerLen(348) for complete definition.

Type: **Length**

Used in components: **DerivativeInstrument**

### **170.2.655 DerivativeEncodedSecurityDesc**

Encoded (non-ASCII characters) representation of the DerivativeSecurityDesc(1279) field in the encoded format specified via the MessageEncoding (347) field. If used, the ASCII (English) representation should also be specified in the DerivativeSecurityDesc(1279) field.

See EncodedSecurityDesc(351) for complete definition.

Type: **data**

Used in components: **DerivativeInstrument**

**170.2.656 DerivativeEncodedSecurityDescLen**

Byte length of encoded (non-ASCII characters) DerivativeEncodedSecurityDesc (1281) field.

See EncodedSecurityDescLen(350) for complete definition.

Type: **Length**

Used in components: **DerivativeInstrument**

**170.2.657 DerivativeEventDate**

Date of event.

See EventDate(866) for complete definition.

Type: **LocalMktDate**

Used in groups: **DerivativeEventsGrp**

**170.2.658 DerivativeEventPx**

Predetermined price of issue at event.

See EventPx(867) for complete definition.

Type: **Price**

Used in groups: **DerivativeEventsGrp**

**170.2.659 DerivativeEventsGrp**

---

<b>Name</b>	<b>Mult.</b>	<b>Type</b>	<b>Description</b>
NoDerivativeEvents	[1..1]	NumInGroup	
DerivativeEventType	[0..1]	CodeSet	
DerivativeEventDate	[0..1]	LocalMktDate	
DerivativeEventTime	[0..1]	UTCTimestamp	
DerivativeEventPx	[0..1]	Price	
DerivativeEventText	[0..1]	String	

---

Used in components: **DerivativeInstrument**

**170.2.660 DerivativeEventText**

Comments related to the event.

See EventText(868) for complete definition.

Type: **String**

Used in groups: **DerivativeEventsGrp**

**170.2.661 DerivativeEventTime**

Specific time of event. To be used in combination with DerivativeEventDate(1288).

See EventTime(1145) for complete definition.

Type: **UTCTimestamp**

Used in groups: **DerivativeEventsGrp**

**170.2.662 DerivativeEventType**

Code to represent the type of event.

See EventType(865) for complete definition.

Type: **int**

Allowed values in EventTypeCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
1	Put	Put
2	Call	Call
3	Tender	Tender
4	SinkingFundCall	Sinking fund call
5	Activation	Activation
6	Inactivation	Inactivation
7	LastEligibleTradeDate	Last eligible trade date
8	SwapStartDate	Swap start date
9	SwapEndDate	Swap end date
10	SwapRollDate	Swap roll date
11	SwapNextStartDate	Swap next start date

---

Code	Name	Description
12	SwapNextRollDate	Swap next roll date
13	FirstDeliveryDate	First delivery date
14	LastDeliveryDate	Last delivery date
15	InitialInventoryDueDate	Initial inventory due date
16	FinalInventoryDueDate	Final inventory due date
17	FirstIntentDate	First intent date
18	LastIntentDate	Last intent date
19	PositionRemovalDate	Position removal date
20	MinimumNotice	Minimum notice
21	DeliveryStartTime	Delivery start time
22	DeliveryEndTime	Delivery end time
23	FirstNoticeDate	First notice date. The first day that a notice of intent to deliver a commodity can be made by a clearing house to a buyer in fulfillment of a given month's futures contract.
24	LastNoticeDate	Last notice date. The last day on which a clearing house may inform an investor that a seller intends to make delivery of a commodity that the investor previously bought in a futures contract. The date is governed by the rules of different exchanges and clearing houses, but may also be stated in the futures contract itself.
25	FirstExerciseDate	First exercise date
26	RedemptionDate	Redemption date
27	TrdCntntnEfctvDt	Trade continuation effective date
99	Other	Other

---

Used in groups: [DerivativeEventsGrp](#)

### 170.2.663 DerivativeExerciseStyle

Type of exercise.

See ExerciseStyle(1194) for complete definition.

Type: [int](#)

Allowed values in ExerciseStyleCodeSet:

---

Code	Name	Description
0	European	European
1	American	American
2	Bermuda	Bermuda
99	Other	Other

---

Used in components: [DerivativeInstrument](#)

### 170.2.664 DerivativeFloorPrice

Used to express the floor price of a capped put.

See FloorPrice(1200) for complete definition.

Type: [Price](#)

Used in components: [DerivativeInstrument](#)

### 170.2.665 DerivativeFlowScheduleType

The industry standard flow schedule by which electricity or natural gas is traded. Schedules exist by regions and on-peak and off-peak status, such as "Western Peak".

See FlowScheduleType(1439) for complete definition.

Type: [int](#)

Allowed values in FlowScheduleTypeCodeSet:

---

Code	Name	Description
0	NERCEasternOffPeak	NERC Eastern Off-Peak
1	NERCWesternOffPeak	NERC Western Off-Peak
2	NERCCalendarAllDaysInMonth	NERC Calendar-All Days in month
3	NERCEasternPeak	NERC Eastern Peak
4	NERCWesternPeak	NERC Western Peak
5	AllTimes	All times
6	OnPeak	On peak
7	OffPeak	Off peak
8	Base	Base

---

Code	Name	Description
9	Block	Block
99	Other	Other

Used in components: [DerivativeInstrument](#)

### 170.2.666 DerivativeInstrAttribType

Type of instrument attribute.

See InstrAttribType(871) for complete definition.

Type: [int](#)

Allowed values in InstrAttribTypeCodeSet:

Code	Name	Description
1	Flat	Flat (securities pay interest on a current basis but are traded without interest)
2	ZeroCoupon	Zero coupon
3	InterestBearing	Interest bearing (for Euro commercial paper when not issued at discount)
4	NoPeriodicPayments	No periodic payments
5	VariableRate	Variable rate
6	LessFeeForPut	Less fee for put
7	SteppedCoupon	Stepped coupon
8	CouponPeriod	Coupon period (if not semi-annual). Supply redemption date in the InstrAttribValue(872) field.
9	When	When [and if] issued
10	OriginalIssueDiscount	Original issue discount
11	Callable	Callable, puttable
12	EscrowedToMaturity	Escrowed to Maturity
13	EscrowedToRedemptionDate	Escrowed to redemption date - callable. Supply redemption date in the InstrAttribValue(872) field.
14	PreRefunded	Pre-refunded
15	InDefault	In default
16	Unrated	Unrated
17	Taxable	Taxable

Code	Name	Description
18	Indexed	Indexed
19	SubjectToAlternativeMinimumTax	Subject To Alternative Minimum Tax
20	OriginalIssueDiscountPrice	Original issue discount price. Supply price in the InstrAttribValue(872) field.
21	CallableBelowMaturityValue	Callable below maturity value
22	CallableWithoutNotice	Callable without notice by mail to holder unless registered
23	PriceTickRulesForSecurity	Price tick rules for security
24	TradeTypeEligibilityDetailsForSecurity	Trade type eligibility details for security
25	InstrumentDenominator	Instrument denominator
26	InstrumentNumerator	Instrument numerator
27	InstrumentPricePrecision	Instrument price precision
28	InstrumentStrikePrice	Instrument strike price
29	TradeableIndicator	Tradeable indicator
30	InstrumentEligibleAnonOrders	Instrument is eligible to accept anonymous orders
31	MinGuaranteedFillVolume	Minimum guaranteed fill volume
32	MinGuaranteedFillStatus	Minimum guaranteed fill status
33	TradeAtSettlementEligibility	Trade at settlement (TAS) eligibility
34	TestInstrument	Test instrument. Instrument that is tradable but has no effect on the positions, exchange turnover etc.
35	DummyInstrument	Dummy instrument. Instrument that is normally halted and is only activated for trading under very special conditions (e.g. temporarily assigned for newly listed instrument). Use of a dummy instrument generally applies to systems that are unable to add reference data for new instruments intraday.
36	NegativeSettlementPriceEligibility	Negative settlement price eligibility
37	NegativeStrikePriceEligibility	Negative strike price eligibility
38	USStdContractInd	US standard contract indicator. Indicates through InstrAttribValue(872) - values Y or N - whether the underlying asset in the trade references or is economically related to a contract listed in Appendix B of CFTC Part 43 regulation. See <a href="http://www.ecfr.gov/cgi-bin/text-idx?SID=4b2d1078ad68f6564a89d7ff6c52ec43&amp;node=17:2.0.1.1.3.0.1.8.2&amp;rgn=div">http://www.ecfr.gov/cgi-bin/text-idx?SID=4b2d1078ad68f6564a89d7ff6c52ec43&amp;node=17:2.0.1.1.3.0.1.8.2&amp;rgn=div</a> or refer to Appendix B to Part 43 in the final rule at <a href="http://www.cftc.gov/ucm/groups/public/@lrfederalregister/documents/file/2013-12133a.pdf">http://www.cftc.gov/ucm/groups/public/@lrfederalregister/documents/file/2013-12133a.pdf</a>
39	AdmittedToTradingOnTradingVenue	Admitted to trading on a trading venue
40	AverageDailyNotionalAmount	Average daily notional amount

---

Code	Name	Description
41	AverageDailyNumberTrades	Average daily number of trades
99	Text	Text. Supply the text value in InstrAttribValue(872).

---

Used in groups: [DerivativeInstrumentAttribute](#)

### 170.2.667 DerivativeInstrAttribValue

Attribute value appropriate to the DerivativeInstrAttribValue(1313) field.

See InstrAttribValue(872) for complete definition.

Type: [String](#)

Used in groups: [DerivativeInstrumentAttribute](#)

### 170.2.668 DerivativeInstrmtAssignmentMethod

Method under which assignment was conducted.

See InstrmtAssignmentMethod(1049) for complete definition.

Type: [char](#)

Allowed values in InstrmtAssignmentMethodCodeSet:

---

Code	Name	Description
P	ProRata	Pro rata
R	Random	Random

---

Used in components: [DerivativeInstrument](#)

### 170.2.669 DerivativeInstrRegistry

Values may include BIC for the depository or custodian who maintain ownership records, the ISO country code for the location of the record, or the value ZZ to specify physical ownership of the security (e.g. stock certificate).

See InstrRegistry(543) for complete definition.



Type: **String**

Used in components: **DerivativeInstrument**

### 170.2.670 DerivativeInstrumentAttribute

Name	Mult.	Type	Description
NoDerivativeInstrAttrib	[1..1]	NumInGroup	
DerivativeInstrAttribType	[0..1]	CodeSet	
DerivativeInstrAttribValue	[0..1]	String	

Used in components: **DerivativeSecurityDefinition**

### 170.2.671 DerivativeInstrument

Name	Mult.	Type	Description
DerivativeSymbol	[0..1]	String	Common, "human understood" representation of the security. SecurityID value can be specified if no symbol exists (e.g. non-exchange traded Collective Investment Vehicles). Use "[N/A]" for products which do not have a symbol. Required if DerivativeInstrument component is marked as required where the component is used.
DerivativeSymbolSfx	[0..1]	CodeSet	
DerivativeSecurityID	[0..1]	String	Takes precedence in identifying security to counterparty over SecurityAltID block
DerivativeSecurityIDSource	[0..1]	CodeSet	
DerivativeSecurityAltIDGrp	[0..*]	Group	
DerivativeProduct	[0..1]	CodeSet	
DerivativeProductComplex	[0..1]	String	Identifies an entire suite of products for a given market. In Futures this may be "interest rates", "agricultural", "equity indexes", etc
DerivFlexProductEligibilityIndicator	[0..1]	Boolean	Used to indicate if a product or group of product supports the creation of flexible securities
DerivativeSecurityGroup	[0..1]	String	
DerivativeCFICode	[0..1]	String	It is recommended that CFICode be used instead of SecurityType for non-Fixed Income instruments.

Name	Mult.	Type	Description
DerivativeUPICode	[0..1]	String	
DerivativeSecurityType	[0..1]	CodeSet	It is recommended that CFICode be used instead of SecurityType for non-Fixed Income instruments. Required for Fixed Income. Refer to Volume 7 - Fixed Income. Futures and Options should be specified using the CFICode[461] field instead of SecurityType[167] (Refer to Volume 7 - Recommendations and Guidelines for Futures and Options Markets.)
DerivativeSecuritySubType	[0..1]	String	
DerivativeMaturityMonthYear	[0..1]	MonthYear	Applicable for standardized derivatives which are typically only referenced by month and year (e.g. S and P futures). Note MaturityDate (a full date) can also be specified.
DerivativeMaturityDate	[0..1]	LocalMktDate	Note that standardized derivatives which are typically only referenced by month and year (e.g. S and P futures).may use MaturityMonthYear and or this field. When using MaturityMonthYear, it is recommended that markets and sell sides report the MaturityDate on all outbound messages as a means of data enrichment.
DerivativeMaturityTime	[0..1]	TZTimeOnly	
DerivativeSettleOnOpenFlag	[0..1]	String	
DerivativeInstrmtAssignmentMethod	[0..1]	CodeSet	
DerivativeSecurityStatus	[0..1]	CodeSet	
DerivativeIssueDate	[0..1]	LocalMktDate	Date instrument was issued. For Fixed Income IOIs for new issues, specifies the issue date.
DerivativeInstrRegistry	[0..1]	String	Can be used in conjunction with ISIN to address ISIN uniqueness issues.
DerivativeCountryOfIssue	[0..1]	Country	Can be used in conjunction with non-ISIN SecurityID (e.g. CUSIP for Municipal Bonds without ISIN) to provide uniqueness.
DerivativeStateOrProvinceOfIssue	[0..1]	String	
DerivativeLocaleOfIssue	[0..1]	String	
DerivativeStrikePrice	[0..1]	Price	
DerivativeStrikeCurrency	[0..1]	Currency	
DerivativeStrikeCurrencyCodeSource	[0..1]	CodeSet	
DerivativeStrikeMultiplier	[0..1]	float	
DerivativeStrikeValue	[0..1]	float	

Name	Mult.	Type	Description
DerivativeOptAttribute	[0..1]	char	
DerivativeContractMultiplier	[0..1]	float	
DerivativeContractMultiplierUnit	[0..1]	CodeSet	
DerivativeFlowScheduleType	[0..1]	CodeSet	
DerivativeMinPriceIncrement	[0..1]	float	
DerivativeMinPriceIncrementAmount	[0..1]	Amt	
DerivativeUnitOfMeasure	[0..1]	CodeSet	
DerivativeUnitOfMeasureQty	[0..1]	Qty	
DerivativeUnitOfMeasureCurrency	[0..1]	Currency	
DerivativeUnitOfMeasureCurrency-CodeSource	[0..1]	CodeSet	
DerivativePriceUnitOfMeasure	[0..1]	CodeSet	
DerivativePriceUnitOfMeasureQty	[0..1]	Qty	
DerivativePriceUnitOfMeasureCurrency	[0..1]	Currency	
DerivativePriceUnitOfMeasureCurrencyCodeSource	[0..1]	CodeSet	
DerivativeSettleMethod	[0..1]	CodeSet	
DerivativePriceQuoteMethod	[0..1]	CodeSet	
DerivativeValuationMethod	[0..1]	CodeSet	
DerivativePriceQuoteCurrency	[0..1]	Currency	
DerivativePriceQuoteCurrencyCodeSource	[0..1]	CodeSet	
DerivativeListMethod	[0..1]	CodeSet	
DerivativeCapPrice	[0..1]	Price	
DerivativeFloorPrice	[0..1]	Price	
DerivativePutOrCall	[0..1]	CodeSet	
DerivativeInTheMoneyCondition	[0..1]	CodeSet	Used to express in-the-moneyness behavior in general terms for the option without the use of DerivativeStrikePrice(1261) and DerivativePutOrCall(1323).
DerivativeContraryInstructionEligibilityIndicator	[0..1]	Boolean	
DerivativeExerciseStyle	[0..1]	CodeSet	
DerivativeOptPayoutAmount	[0..1]	Amt	
DerivativeTimeUnit	[0..1]	CodeSet	

Name	Mult.	Type	Description
DerivativeSecurityExchange	[0..1]	Exchange	Can be used to identify the security.
DerivativePositionLimit	[0..1]	int	
DerivativeNTPositionLimit	[0..1]	int	
DerivativeIssuer	[0..1]	String	
DerivativeEncodedIssuerLen	[0..1]	Length	Must be set if DerivativeEncodedIssuer(1278) field is specified and must immediately precede it.
DerivativeEncodedIssuer	[0..1]	data	
DerivativeSecurityDesc	[0..1]	String	
DerivativeEncodedSecurityDescLen	[0..1]	Length	Must be set if DerivativeEncodedSecurityDesc(1280) field is specified and must immediately precede it.
DerivativeEncodedSecurityDesc	[0..1]	data	
DerivativeSecurityXML	[0..1]	Component	Embedded XML document describing security.
DerivativeContractSettlMonth	[0..1]	MonthYear	Must be present for MBS or TBA
DerivativeEventsGrp	[0..*]	Group	
DerivativeInstrumentParties	[0..*]	Group	

Used in components: [DerivativeSecurityDefinition](#)

Used in messages: [DerivativeSecurityListRequest](#)

### 170.2.672 DerivativeInstrumentParties

Name	Mult.	Type	Description
NoDerivativeInstrumentParties	[1..1]	NumInGroup	Should contain unique combinations of DerivativeInstrumentPartyID, DerivativeInstrumentPartyIDSource, and DerivativeInstrumentPartyRole
DerivativeInstrumentPartyID	[0..1]	String	Used to identify party id related to instrument series
DerivativeInstrumentPartyIDSource	[0..1]	CodeSet	Used to identify source of instrument series party id
DerivativeInstrumentPartyRole	[0..1]	CodeSet	Used to identify the role of instrument series party id
DerivativeInstrumentPartyRoleQualifier	[0..1]	CodeSet	

Name	Mult.	Type	Description
DerivativeInstrumentPartySubIDsGrp	[0..*]	Group	

Used in components: [DerivativeInstrument](#)

### 170.2.673 DerivativeInstrumentPartyID

Party identifier/code.

See PartyID(448) for complete definition.

Type: [String](#)

Used in groups: [DerivativeInstrumentParties](#)

### 170.2.674 DerivativeInstrumentPartyIDSource

Identifies class or source of the DerivativeInstrumentPartyID (1293) value.

Required if DerivativeInstrumentPartyID(1293) is specified.

See PartyIDSource(447) for complete definition.

Type: [char](#)

Allowed values in PartyIDSourceCodeSet:

Code	Name	Description
1	KoreanInvestorID	Korean Investor ID
6	UKNationalInsuranceOrPension-Number	UK National Insurance or Pension Number
B	BIC	BIC (Bank Identification Code - SWIFT managed) code (ISO9362 - See "Appendix 6-B")
I	ISITCAcronym	Directed broker three character acronym as defined in ISITC "ETC Best Practice" guidelines document
2	TaiwaneseForeignInvestorID	Taiwanese Qualified Foreign Investor ID QFII/FID
7	USSocialSecurityNumber	US Social Security Number
C	GeneralIdentifier	Generally accepted market participant identifier (e.g. NASD mnemonic)
3	TaiwaneseTradingAcct	Taiwanese Trading Acct

Code	Name	Description
8	USEmployerOrTaxIDNumber	US Employer or Tax ID Number
D	Proprietary	Proprietary / Custom code. Custom ID schema used between counterparties, trading platforms and repositories.
4	MalaysianCentralDepository	Malaysian Central Depository (MCD) number
9	AustralianBusinessNumber	Australian Business Number
E	ISOCountryCode	ISO Country Code
5	ChineseInvestorID	Chinese Investor ID
A	AustralianTaxFileNumber	Australian Tax File Number
F	SettlementEntityLocation	Settlement Entity Location (note if Local Market Settlement use "E=ISO Country Code") (see "Appendix 6-G" for valid values)
G	MIC	Market Identifier Code (ISO 10383) MIC
J	TaxID	Tax ID
H	CSDParticipant	CSD participant/member code (e.g. Euroclear, DTC, CREST or Kassenverein number)
K	AustralianCompanyNumber	Australian Company Number
L	AustralianRegisteredBodyNumber	Australian Registered Body Number
M	CFTCReportingFirmIdentifier	CFTC reporting firm identifier
N	LegalEntityIdentifier	Legal Entity Identifier (ISO 17442) LEI
O	InterimIdentifier	Interim identifier. An interim entity identifier assigned by a regulatory agency prior to an LEI (ISO 17442) being assigned.
P	ShortCodeIdentifier	Short code identifier. A generic means for trading venues, brokers, investment managers to convey a bilaterally agreed upon "short hand" code for an identifier that is a reference to a mapping between the parties.
Q	NationalIDNaturalPerson	National ID of natural person. An identification number generally assigned by a government authority or agency to a natural person which is unique to the person it is assigned to. Examples include, but not limited to, "social security number", "pension number".
R	IndiaPermanentAccountNumber	India Permanent Account Number. Also referred to as PAN ID. An identifier issued by the Income Tax Department of India.
S	FDID	Firm designated identifier. Also referred to as FDID. A unique identifier required by the SEC for each trading account designated by Industry Members for purposes of reporting to CAT (Consolidated Audit Trail).
T	SPSAID	Special Segregated Account ID. Also referred to as SPSA ID. The Special Segregated Account identifier issued by Hong Kong Exchanges and Clearing.

Code	Name	Description
U	MasterSPSAID	Master Special Segregated Account ID. Also referred to as Master SPSA ID. The master identifier issued by Hong Kong Exchanges and Clearing for the aggregation of SPSA IDs.

Used in groups: [DerivativeInstrumentParties](#)

### 170.2.675 DerivativeInstrumentPartyRole

Identifies the type or role of the DerivativeInstrumentPartyID (1293) specified.

See PartyRole(452) for complete definition.

Type: [int](#)

Allowed values in PartyRoleCodeSet:

Code	Name	Description
1	ExecutingFirm	Executing Firm (formerly FIX 4.2 ExecBroker)
2	BrokerOfCredit	Broker of Credit (formerly FIX 4.2 BrokerOfCredit)
3	ClientID	Client ID (formerly FIX 4.2 ClientID)
4	ClearingFirm	Clearing Firm (formerly FIX 4.2 ClearingFirm)
5	InvestorID	Investor ID
6	IntroducingFirm	Introducing Firm
7	EnteringFirm	Entering Firm
8	Locate	Locate / Lending Firm (for short-sales)
9	FundManagerClientID	Fund Manager Client ID (for CIV)
10	SettlementLocation	Settlement Location (formerly FIX 4.2 SettLLocation)
11	OrderOriginationTrader	Order Origination Trader (associated with Order Origination Firm - i.e. trader who initiates/submits the order)
12	ExecutingTrader	Executing Trader (associated with Executing Firm - actually executes)
13	OrderOriginationFirm	Order Origination Firm (e.g. buy-side firm)
14	GiveupClearingFirmDepr	Giveup Clearing Firm (firm to which trade is given up)
15	CorrespondantClearingFirm	Correspondant Clearing Firm
16	ExecutingSystem	Executing System
17	ContraFirm	Contra Firm
18	ContraClearingFirm	Contra Clearing Firm

<b>Code</b>	<b>Name</b>	<b>Description</b>
19	SponsoringFirm	Sponsoring Firm
20	UnderlyingContraFirm	Underlying Contra Firm
21	ClearingOrganization	Clearing Organization
22	Exchange	Exchange. Identify using PartyIDSource(tag 447) = G (Market Identifier Code) if the MIC exists.
24	CustomerAccount	Customer Account
25	CorrespondentClearingOrganization	Correspondent Clearing Organization
26	CorrespondentBroker	Correspondent Broker
27	Buyer	Buyer/Seller (Receiver/Deliverer)
28	Custodian	Custodian
29	Intermediary	Intermediary
30	Agent	Agent
31	SubCustodian	Sub-custodian
32	Beneficiary	Beneficiary
33	InterestedParty	Interested party
34	RegulatoryBody	Regulatory body. In the context of regulatory reporting, this identifies the regulator the trade is being reported to.
35	LiquidityProvider	Liquidity provider
36	EnteringTrader	Entering trader
37	ContraTrader	Contra trader
38	PositionAccount	Position account. The account which positions are maintained. Typically represents the aggregation of one or more customer accounts.
39	ContraInvestorID	Contra Investor ID
40	TransferToFirm	Transfer to Firm
41	ContraPositionAccount	Contra Position Account
42	ContraExchange	Contra Exchange
43	InternalCarryAccount	Internal Carry Account
44	OrderEntryOperatorID	Order Entry Operator ID
45	SecondaryAccountNumber	Secondary Account Number
46	ForeignFirm	Foreign Firm
47	ThirdPartyAllocationFirm	Third Party Allocation Firm
48	ClaimingAccount	Claiming Account
49	AssetManager	Asset Manager
50	PledgorAccount	Pledgor Account



<b>Code</b>	<b>Name</b>	<b>Description</b>
51	PledgeeAccount	Pledgee Account
52	LargeTraderReportableAccount	Large Trader Reportable Account
53	TraderMnemonic	Trader mnemonic
54	SenderLocation	Sender Location
55	SessionID	Session ID
56	AcceptableCounterparty	Acceptable Counterparty
57	UnacceptableCounterparty	Unacceptable Counterparty
58	EnteringUnit	Entering Unit
59	ExecutingUnit	Executing Unit
60	IntroducingBroker	Introducing Broker
61	QuoteOriginator	Quote originator
62	ReportOriginator	Report originator
63	SystematicInternaliser	Systematic internaliser (SI)
64	MultilateralTradingFacility	Multilateral Trading Facility (MTF). Identify using PartyIDSource(tag 447) = G (Market Identifier Code) if the MIC exists.
65	RegulatedMarket	Regulated Market (RM). Identify using PartyIDSource(tag 447) = G (Market Identifier Code) if the MIC exists.
66	MarketMaker	Market Maker
67	InvestmentFirm	Investment Firm
68	HostCompetentAuthority	Host Competent Authority (Host CA)
69	HomeCompetentAuthority	Home Competent Authority (Home CA)
70	CompetentAuthorityLiquidity	Competent Authority of the most relevant market in terms of liquidity (CAL)
71	CompetentAuthorityTransactionVenue	Competent Authority of the Transaction (Execution) Venue (CATV)
72	ReportingIntermediary	Reporting intermediary. The medium or vendor used to report to a regulator, non-regulatory agency or data repository.
73	ExecutionVenue	Execution Venue. Identify using PartyIDSource(tag 447) = G (Market Identifier Code) if the MIC exists.
74	MarketDataEntryOriginator	Market data entry originator
75	LocationID	Location ID
76	DeskID	Desk ID
77	MarketDataMarket	Market data market
78	AllocationEntity	Allocation Entity
79	PrimeBroker	Prime Broker providing General Trade Services

Code	Name	Description
80	StepOutFirm	Step-Out Firm (Prime Broker)
81	BrokerClearingID	Broker clearing identifier
82	CentralRegistrationDepository	Central Registration Depository (CRD)
83	ClearingAccount	Clearing Account
84	AcceptableSettlingCounterparty	Acceptable Settling Counterparty
85	UnacceptableSettlingCounterparty	Unacceptable Settling Counterparty
86	CLSMemberBank	CLS Member Bank
87	InConcertGroup	In Concert Group
88	InConcertControllingEntity	In Concert Controlling Entity
89	LargePositionsReportingAccount	Large Positions Reporting Account
90	SettlementFirm	Settlement Firm
91	SettlementAccount	Settlement account. The account to which individual payment obligations are aggregated for netting and funds movement. Typically represents the aggregation of many margin (performance bond) accounts.
92	ReportingMarketCenter	Reporting Market Center
93	RelatedReportingMarketCenter	Related Reporting Market Center
94	AwayMarket	Away Market. Identify using PartyIDSource(tag 447) = G (Market Identifier Code) if the MIC exists.
95	GiveupTradingFirm	Give-up (trading) firm
96	TakeupTradingFirm	Take-up (trading) firm
97	GiveupClearingFirm	Give-up clearing firm
98	TakeupClearingFirm	Take-up clearing firm
99	OriginatingMarket	Originating Market. Identifies the Market using PartyIDSource(tag 447) = G (Market Identifier Code) where an order originated in the event that the order is sent to an alternative market for execution. Serves as an inverse of an away market.
100	MarginAccount	Margin account. Also referred to as "performance bond account". The margin account is the calculated margin requirements. Typically represents the aggregation of one or more position accounts.
101	CollateralAssetAccount	Collateral asset account. The account at which individual collateral assets are maintained. Typically, although not always, one-for-one with the settlement account.
102	DataRepository	Data repository. Multiple instances of this PartyRole may appear for reporting purposes.

<b>Code</b>	<b>Name</b>	<b>Description</b>
103	CalculationAgent	Calculation agent
104	ExerciseNoticeSender	Sender of exercise notice
105	ExerciseNoticeReceiver	Receiver of exercise notice
106	RateReferenceBank	Rate reference bank. The bank providing the reference rate. Multiple instance of this PartyRole may appear.
107	Correspondent	Correspondent
109	BeneficiaryBank	Beneficiary's bank or depository institution. The institution in which the beneficiary, a person or an entity, has their account with. The institution may be a bank or non-bank institution.
110	Borrower	Borrower
111	PrimaryObligator	Primary obligator
112	Guarantor	Guarantor
113	ExcludedReferenceEntity	Excluded reference entity
114	DeterminingParty	Determining party
115	HedgingParty	Hedging party
116	ReportingEntity	Reporting entity. The entity that is reporting the information.
117	SalesPerson	Sales person. The person who is involved in the sales activities for their firm.
118	Operator	Operator. The person who has the capabilities and authorization to take certain actions; for example, setting entitlements, etc.
119	CSD	Central Securities Depository (CSD)
120	ICSD	International Central Securities Depository (ICSD)
121	TradingSubAccount	Trading sub-account. Example of sub-accounts include a clearing account that has multiple trading sub-accounts, a trading account that has multiple trading sub-accounts belonging to different trading firms.
122	InvestmentDecisionMaker	Investment decision maker. In the context of ESMA RTS reporting, this is used to specify party responsible for the investment decision. See RTS 24, Annex, Table 2, Field 4.
123	PublishingIntermediary	Publishing intermediary. The medium or vendor used to publish to the market.
124	CSDParticipant	Central Securities Depository (CSD) Participant. In the context of EU SFTR reporting the identifier of the CSD participant or indirect participant of the reporting counterparty. Where both the CSD participant and indirect participant are involved in the transaction this should identify the indirect participant.
125	Issuer	Issuer. The issuer of the security.

Code	Name	Description
126	ContraCustomerAccount	Contra Customer Account. Same as PartyRole(452) = 24 (Customer Account) but for the counterparty. Can be used whenever the parties component is not nested in a repeating group representing both sides.
127	ContraInvestmentDecisionMaker	Contra Investment Decision Maker. Same as PartyRole(452) = 122 (Investment Decision Maker) but for the counterparty. Can be used whenever the parties component is not nested in a repeating group representing both sides.

Used in groups: [DerivativeInstrumentParties](#)

### 170.2.676 DerivativeInstrumentPartyRoleQualifier

Used to further qualify the value of DerivativeInstrumentPartyRole(1295).

Type: [int](#)

Allowed values in PartyDetailRoleQualifierCodeSet:

Code	Name	Description
0	Agency	Agency
1	Principal	Principal
2	RisklessPrincipal	Riskless principal
3	GeneralClearingMember	General clearing member
30	ExchangeOrderSubmitter	Exchange order submitter. Used to identify original or initial exchange order submitting broker when party role "1" (Executing Firm) appears more than once.
4	IndividualClearingMember	Individual clearing member
5	PreferredMarketMaker	Preferred market maker. Market maker getting a part of the matched quantity before primary or default market maker.
6	DirectedMarketMaker	Directed market maker. Single market maker to handle the order provided.
7	Bank	Bank
8	Hub	Hub. Indicates that the Intermediary party is a hub system or service provider.

<b>Code</b>	<b>Name</b>	<b>Description</b>
9	PrimaryTrdRepository	Primary trade repository. Used to differentiate the principal trade repository from the Original or Additional trade repositories when there are multiple trade repositories being reported.
10	OrigTrdRepository	Original trade repository. Used to identify the trade repository to which the trade was originally reported if different from the current repository to which the trade is being reported.
11	AddnlIntlTrdRepository	Additional international trade repository. Used with InternationalSwapIndicator(2526) to identify the trade repository that is in addition to the local swaps data repository as required by U.S. law.
12	AddnlDomesticTrdRepository	Additional domestic trade repository. Used with MixedSwapIndicator(1929) to identify the trade repository that is in addition to the current trade repository when the assets in the swap are subject to two different domestic regulators.
13	RelatedExchange	Related exchange
14	OptionsExchange	Options exchange
15	SpecifiedExchange	Specified exchange
16	ConstituentExchange	Constituent exchange.
17	ExemptFromTradeReporting	Exempt from trade reporting. In the context of FINRA TRACE reporting requirements, this is used to indicate the ATS has been granted a regulatory exemption from reporting.
18	Current	Current. Can be used to convey an existing party identifier for the same party role in a single message.
19	New	New. Can be used to convey a future party identifier for the same party role in a single message.
20	DesignatedSponsor	Designated sponsor. Market maker jointly providing liquidity for the same security with other market makers.
21	Specialist	Specialist. Market maker being the only one providing liquidity for a security.
22	Algorithm	Algorithm
23	FirmOrLegalEntity	Firm or legal entity
24	NaturalPerson	Natural person
25	RegularTrader	Regular trader. Standard trader profile.
26	HeadTrader	Head trader. Senior trader leading a group of regular traders.
27	Supervisor	Supervisor. Administrative user that has only limited rights for normal trading but possibly special rights for emergency actions.

Code	Name	Description
28	TriParty	Tri-party. In the context of EU SFTR reporting, identifies the third party, not necessarily the custodian, to which the reporting counterparty has outsourced the post-trade processing of an SFT (if applicable).
29	Lender	Lender. In the context of EU SFTR reporting, identifies the agent lender involved in the securities lending transaction.

Used in groups: [DerivativeInstrumentParties](#)

### 170.2.677 DerivativeInstrumentPartySubID

Party sub-identifier.

See PartySubID(523) for complete definition.

Type: [String](#)

Used in groups: [DerivativeInstrumentPartySubIDsGrp](#)

### 170.2.678 DerivativeInstrumentPartySubIDsGrp

Name	Mult.	Type	Description
<a href="#">NoDerivativeInstrumentPartySubIDs</a>	[1..1]	NumInGroup	
<a href="#">DerivativeInstrumentPartySubID</a>	[0..1]	String	
<a href="#">DerivativeInstrumentPartySubIDType</a>	[0..1]	CodeSet	

Used in groups: [DerivativeInstrumentParties](#)

### 170.2.679 DerivativeInstrumentPartySubIDType

Type of party sub-identifier.

See PartySubIDType(803) for complete definition.

Type: [int](#)

Allowed values in PartySubIDTypeCodeSet:

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<b>Code</b>	<b>Name</b>	<b>Description</b>
1	Firm	Firm
2	Person	Person
3	System	System
4	Application	Application
5	FullLegalNameOfFirm	Full legal name of firm
6	PostalAddress	Postal address
7	PhoneNumber	Phone number
8	EmailAddress	Email address
9	ContactName	Contact name
10	SecuritiesAccountNumber	Securities account number (for settlement instructions)
11	RegistrationNumber	Registration number (for settlement instructions and confirmations)
12	RegisteredAddressForConfirmation	Registered address (for confirmation purposes)
13	RegulatoryStatus	Regulatory status (for confirmation purposes)
14	RegistrationName	Registration name (for settlement instructions)
15	CashAccountNumber	Cash account number (for settlement instructions)
16	BIC	BIC
17	CSDParticipantMemberCode	CSD participant member code
18	RegisteredAddress	Registered address
19	FundAccountName	Fund account name
20	TelexNumber	Telex number
21	FaxNumber	Fax number
22	SecuritiesAccountName	Securities account name
23	CashAccountName	Cash account name
24	Department	Department
25	LocationDesk	Location desk
26	PositionAccountType	Position account type
27	SecurityLocateID	Security locate ID
28	MarketMaker	Market maker
29	EligibleCounterparty	Eligible counterparty
30	ProfessionalClient	Professional client
31	Location	Location
32	ExecutionVenue	Execution venue
33	CurrencyDeliveryIdentifier	Currency delivery identifier

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<b>Code</b>	<b>Name</b>	<b>Description</b>
34	AddressCity	Address City
35	AddressStateOrProvince	Address State/Province
36	AddressPostalCode	Address Postal Code
37	AddressStreet	Address Street
38	AddressISOCountryCode	Address Country (ISO country code)
39	ISOCountryCode	ISO country code
40	MarketSegment	Market segment
41	CustomerAccountType	Customer account type
42	OmnibusAccount	Omnibus account
43	FundsSegregationType	Funds segregation type
44	GuaranteeFund	Guarantee fund. Identifies a guarantee fund related to an account. Used when one account has multiple funds of collateral, each guaranteeing different positions. Can be used for PartyRole(452) = Customer Account(24).
45	SwapDealer	Swap dealer. The US regulator's defined term for identifying the trade counterparty as "any person who holds itself out as a dealer in swaps, makes a market in swaps, regularly enters into swaps with counterparties as an ordinary course of business for its own account, or engages in activity causing itself to be commonly known in the trade as a dealer or market maker in swaps".
46	MajorParticipant	Major participant. When PartySubID(523)=Y the counterparty is not the swap dealer but is a major swap participant as defined in the regulations.
47	FinancialEntity	Financial entity. When PartySubID(523)=Y the counterparty is neither a swap dealer nor a major swap participant but is a financial entity as defined in the regulations.
48	USPerson	U.S. person. A legal term referring to any U.S. person or legal entity anywhere in the world that should be taxed under U.S. law.
49	ReportingEntityIndicator	Reporting entity indicator. Indicates the entity obligated or delegated to report to their regulator, a non-regulatory agency or data repository. Set PartySubID(523)=Y if true.
50	ElectedClearingRequirementException	Elected clearing requirement exception
51	BusinessCenter	Business center.
52	ReferenceText	Reference text
53	ShortMarkingExemptAccount	Short-marking exempt account



<b>Code</b>	<b>Name</b>	<b>Description</b>
54	ParentFirmIdentifier	Parent firm identifier. Implementation-specific identifier of this party's parent entity.
55	ParentFirmName	Parent firm name. Full name of this party's parent entity.
56	DealIdentifier	Deal identifier. The internal identifier assigned to the trade by this party, particularly by a Clearing Organization.
57	SystemTradeID	System trade identifier
58	SystemTradeSubID	System trade sub-identifier
59	FCMCode	Futures Commission Merchant (FCM) code. The FCM's code or identifier in relation to the PartyRole(452). For example, if PartyRole(452) is the exchange or clearinghouse, the FCM code/ID specified in PartySubID(523) is the FCM's identifier at the exchange or clearinghouse.
60	DlvryTrmlCode	Delivery terminal customer account/code. Usually used for gas delivery to identify whose account the gas is allocated to at the delivery terminal. Often referred to as "HUB" code.
61	VolntyRptEntity	Voluntary reporting entity. The entity voluntarily reporting the trade to the regulator. Set PartySubID(523)=Y if true.
62	RptObligJurisdiction	Reporting obligation jurisdiction. For a trade that falls under multiple jurisdictions this may be used to identify, through PartySubID(523), the reporting jurisdiction to which the party is obligated to report.
63	VolntyRptJurisdiction	Voluntary reporting jurisdiction. For a trade that falls under multiple jurisdictions this may be used to identify, through PartySubID(523), the regulatory jurisdiction to which the party is submitting a voluntary report.

Code	Name	Description
64	CompanyActivities	Company activities. For regulatory reporting. ID values include: A = Assurance undertaking authorized in accordance with Directive 2002/83/EC C=Credit institution authorized in accordance with Directive 2006/48/EC F=Investment firm in accordance with Directive 2004/39/EC I=Insurance undertaking authorized in accordance with Directive 73/239/EC L=Alternative investment fund managed by AIFMs authorized or registered in accordance with Directive 2011/61/EC O=Institution for occupational retirement provision within the meaning of Article 6(a) of Directive 2003/41/EC R=Reinsurance undertaking authorized in accordance with Directive 2005/68/EC U=UCITS and its management company, authorized in accordance with Directive 2009/65/EC or blank in case of coverage by LEI or in case of non-financial counterparties. In the context of EU SFTR reporting use the appropriate 4- or 1-character code noted in the regulations. See SFTR ITS "Commission Implementing Regulation (EU) 2019/363" Annexes 1 and 2 for values.
65	EEAreaDomiciled	European Economic Area domiciled. ID values: Y or N
66	ContractLinked	Contract linked to commercial or treasury financing for this counterparty. ID values: Y or N
67	ContractAbove	Contract above clearing threshold for this counterparty. ID values: Y or N
68	VolntyRptPty	Voluntary reporting party. When PartySubID(523)=Y, identifies that the trading party is reporting voluntarily when VoluntaryRegulatoryReport(1935)=Y.
69	EndUser	End user. When PartySubID(523)=Y, the counterparty is neither the swap dealer, major swap participant nor financial entity as defined in the regulations.
70	LocationOrJurisdiction	Location or jurisdiction. One or more instances may be used in combination with PartySubIDType(803) = 49 (Reporting entity indicator) or 102 (Data repository) to identify the jurisdiction, countries, regions or provinces for which the party is a reporting entity or data repository when that characteristic is ambiguous or where there are multiple locations. The party sub-ID value is either a jurisdiction acronym, a 2-character ISO 3166 country code, or a hyphenated combination of the country code and the standard post-office abbreviation for province, state or region if necessary. E.g. "US" for United States or "CA-QC" for Quebec Canada.

<b>Code</b>	<b>Name</b>	<b>Description</b>
71	DerivativesDealer	Derivatives dealer. Indicates whether the party is a derivatives dealer or not (Y/N). The Canadian regulator's defined term for identifying the trade counterparty as "a person or company engaging in or holding himself, herself or itself out as engaging in the business of trading in derivatives in Ontario as principal or agent".
72	Domicile	Domicile. Country and optionally province, state or region of domicile. The party sub-ID value is either a 2-character ISO 3166 country code or a hyphenated combination of the country code and the standard post-office abbreviation of province, state or region if necessary. E.g. "US" for United States or "CA-QC" for Quebec Canada.
73	ExemptFromRecognition	Exempt from recognition. Used with party role 21 "Clearing Organization" to indicate exemption (Y/N). Identifies a clearing agency as exempt from oversight in Ontario, i.e. one that 1) only provides limited services and does not present significant risks or 2) is foreign-based, intends to operate in Ontario but is subject to regulatory oversight in another jurisdiction.
74	Payer	Payer. Identifies the party as the payer of a particular payment stream or bullet payment by quoting the stream's StreamDesc(40051) (or LegStreamDesc(40243) or UnderlyingStreamDesc(40542)) or payment's PaymentDesc(43087) in the associated party sub-identifier field.
75	Receiver	Receiver. Identifies the party as the receiver of a particular payment stream or bullet payment by quoting the stream's StreamDesc(40051) (or LegStreamDesc(40243) or UnderlyingStreamDesc(40542)) or payment's PaymentDesc(43087) in the associated party sub-identifier field.
76	SystematicInternaliser	Systematic Internaliser (SI). In the context of ESMA reporting, this is used to indicate whether the specified party is a Systematic Internaliser or not for the security defined in the Instrument component (Y/N).
77	PublishingEntityIndicator	Publishing entity indicator. Indicates the entity obligated or delegated to publish to the market. Set PartySubID(523)=Y if true.
78	FirstName	First name. The first name(s) of a natural person. If multiple names, separate entries by a comma.
79	Surname	Surname. The surname(s) or lastname(s) of a natural person. If multiple names, separate entries by a comma.

Code	Name	Description
80	DateOfBirth	Date of birth. The date of birth of a natural person in the format YYYYMMDD.
81	OrderTransmittingFirm	Order transmitting firm. Identifies whether the party specified in PartyID(448) is the firm that transmitted the order. In the context of RTS 22 Article 4, when "true" the PartySubID(523)=Y shall be set "by the transmitting firm within the transmitting firm's report where conditions for transmission specified in Article 4 were not satisfied."
82	OrderTransmittingFirmBuyer	Order transmitting firm for buyer. Identifies the firm that transmitted the order for the buyer. In the context of ESMA RTS 22, PartySubID(523)=Y is used to indicate the firm identified in PartyID(448) is the firm that transmitted the order for the buyer. "This shall be populated by the receiving firm within the receiving firm's report with the identification code provided by the transmitting firm."
83	OrderTransmitterSeller	Order transmitter for seller. Identifies the order transmitting firm for the seller. In the context of ESMA RTS 22, PartySubID(523)=Y is used to indicate the firm identified in PartyID(448) is the firm that transmitted the order for the seller. "This shall be populated by the receiving firm within the receiving firm's report with the identification code provided by the transmitting firm."
84	LegalEntityIdentifier	Legal Entity Identifier (ISO 17442) LEI
85	SubSectorClassification	Sub-sector classification. Supplemental to party sub-ID type "64" (Company activities) for regulatory reporting. For EU SFTR reporting use the appropriate 4-character code noted in the regulations applying the conditional association rules. See SFTR ITS "Commission Implementing Regulation (EU) 2019/363" Annexes 1 and 2 for values.
86	PartySide	Party side. May be used, when appropriate, to explicitly indicate the transaction side of the party, e.g. Buyer, Seller, Lender, Borrower, Maker, Taker, etc. in the ID. In the context of EU SFTR reporting, use values as required by SFTR, "GIVE" and "TAKE" in the ID, to identify collateral giver and taker.
87	LegalRegistrationCountry	Legal registration country. ISO Country Code where the registered office of the party is located as specified in the LEI reference data.

Used in groups: [DerivativeInstrumentPartySubIDsGrp](#)

**170.2.680 DerivativeInTheMoneyCondition**

Specifies an option instrument's "in the money" condition in general terms.

See InTheMoneyCondition(2681) for complete definition.

Type: **int**

Allowed values in InTheMoneyConditionCodeSet:

Code	Name	Description
0	StandardITM	Standard in-the-money. The option's strike price is less than the underlying settlement price for a call or greater than the underlying settlement price for a put.
1	ATMITM	At-the-money is in-the-money. The option's strike price of either the put or call is equal to the underlying settlement price in addition to standard in-the-money behavior.
2	ATMCallITM	At-the-money call is in-the-money. The call option's strike price is equal to the underlying settlement price in addition to standard in-the-money behavior.
3	ATMPutITM	At-the-money put is in-the-money. The put option's strike price is equal to the underlying settlement price in addition to standard in-the-money behavior.

Used in components: **DerivativeInstrument**

**170.2.681 DerivativeIssueDate**

The date on which the security is issued.

See IssueDate(225) for complete definition.

Type: **LocalMktDate**

Used in components: **DerivativeInstrument**

**170.2.682 DerivativeIssuer**

Name of security issuer.

See Issuer(106) for complete definition.

Type: **String**

Used in components: **DerivativeInstrument**

**170.2.683 DerivativeListMethod**

Indicates whether instruments are pre-listed only or can also be defined via user request.

See ListMethod(1198) for complete definition.

Type: **int**

Allowed values in ListMethodCodeSet:

Code	Name	Description
0	PreListedOnly	pre-listed only
1	UserRequested	user requested

Used in components: **DerivativeInstrument**

**170.2.684 DerivativeLocaleOfIssue**

Identifies the locale or region of issue.

See LocaleOfIssue(472) for complete definition.

Type: **String**

Used in components: **DerivativeInstrument**

**170.2.685 DerivativeMaturityDate**

Date of maturity.

See MaturityDate(541) for complete definition.

Type: **LocalMktDate**

Used in components: **DerivativeInstrument**

**170.2.686 DerivativeMaturityMonthYear**

Month and Year of the maturity (used for standardized futures and options).

See MaturityMonthYear(200) for complete definition.

Type: **MonthYear**

Used in components: **DerivativeInstrument**

### **170.2.687 DerivativeMaturityTime**

Time of security's maturity expressed in local time with offset to UTC specified.

See MaturityTime(1079) for complete definition.

Type: **TZTimeOnly**

Used in components: **DerivativeInstrument**

### **170.2.688 DerivativeMinPriceIncrement**

Minimum price increase for a given exchange-traded Instrument.

See MinPriceIncrement(969) for complete definition.

Type: **float**

Used in components: **DerivativeInstrument**

### **170.2.689 DerivativeMinPriceIncrementAmount**

Minimum price increment amount associated with the minimum price increment.

See MinPriceIncrementAmount(1146) for complete definition.

Type: **Amt**

Used in components: **DerivativeInstrument**

### **170.2.690 DerivativeNTPositionLimit**

Position limit in the near-term contract for a given exchange-traded product.

See NTPositionLimit(971) for complete definition.

Type: **int**

Used in components: **DerivativeInstrument**

### **170.2.691 DerivativeOptAttribute**

Provided to support versioning of option contracts as a result of corporate actions or events. Use of this field is defined by counterparty agreement or market conventions.

See OptAttribute(206) for complete definition.

Type: **char**

Used in components: **DerivativeInstrument**

### **170.2.692 DerivativeOptPayoutAmount**

Cash amount indicating the pay out associated with an option. For binary options this is a fixed amount.

See OptPayoutAmount(1195) for complete definition.

Type: **Amt**

Used in components: **DerivativeInstrument**

### **170.2.693 DerivativePositionLimit**

Position limit for a given exchange-traded product.

See PositionLimit(970) for complete definition.

Type: **int**

Used in components: **DerivativeInstrument**

### **170.2.694 DerivativePriceQuoteCurrency**

Default currency in which the price is quoted. Defined at the instrument level. Used in place of Currency(tag 15) to express the currency of a product when the former is implemented as the FX dealt currency.

See PriceQuoteCurrency(1524) for complete definition.

Type: **Currency**

Used in components: **DerivativeInstrument**

### **170.2.695 DerivativePriceQuoteCurrencyCodeSource**

Identifies class or source of the DerivativePriceQuoteCurrency(1576) value.

Type: **String**



Allowed values in CurrencyCodeSourceCodeSet:

Code	Name	Description
1	CUSIP	CUSIP
2	SEDOL	SEDOL
4	ISINNumber	ISIN
6	ISOCurrencyCode	ISO Currency Code (ISO 4217)
S	FinancialInstrumentGlobalIdentifier	Financial Instrument Global Identifier. An Object Management Group (OMG) standard. Also referred to as FIGI. Formerly known as "Bloomberg Open Symbology BBGID".
Y	DigitalTokenIdentifier	Digital Token Identifier (ISO 24165)

Used in components: [DerivativeInstrument](#)

### 170.2.696 DerivativePriceQuoteMethod

Specifies the method for price quotation.

See PriceQuoteMethod(1196) for complete definition.

Type: [String](#)

Allowed values in PriceQuoteMethodCodeSet:

Code	Name	Description
STD	Standard	Standard, money per unit of a physical
INX	Index	Index
INT	InterestRateIndex	Interest rate Index
PCTPAR	PercentOfPar	Percent of Par

Used in components: [DerivativeInstrument](#)

### 170.2.697 DerivativePriceUnitOfMeasure

Used to express the UOM of the price if different from the contract.

See PriceUnitOfMeasureQty(1191) for complete definition.

Type: [String](#)

## Allowed values in UnitOfMeasureCodeSet:

<b>Code</b>	<b>Name</b>	<b>Description</b>
Alw	Allowances	Allowances
Bcf	BillionCubicFeet	Billion cubic feet
Bbl	Barrels	Barrels. Equal to 42 US gallons
CBM	CubicMeters	Cubic Meters
BDFT	BoardFeet	Board feet. Equal to 144 cubic inches
GJ	Gigajoules	gigajoules
Bu	Bushels	Bushels
kHR	HeatRate	Heat rate. The number of BTUs required to produce one kilowatt hour of electricity, typically 3,412.14 BTUs per 1 kWh.
Ccy	Currency	Amount of currency
kWh	KilowattHours	Kilowatt hours
CDD	CoolingDegreeDay	Cooling degree day
MHR	MegaHeatRate	Mega heat rate. The number of million BTUs required to produce one megawatt hour of electricity, typically 3.41214 million BTUs per 1 MWh.
CER	CertifiedEmissionsReduction	Certified emissions reduction
MMBtu	OneMillionBTU	One Million BTU
CPD	CriticalPrecipDay	Critical precipitation day
MWh	MegawattHours	Megawatt hours
CRT	ClimateReserveTonnes	Climate reserve tonnes
thm	Therms	therms. Equal to 100,000 BTU
cwt	Hundredweight	Hundredweight(US). Equal to 100 lbs
tnCO2	TonsOfCarbonDioxide	Tons of carbon dioxide
day	Day	Days
dt	DryMetricTons	Dry metric tons
EnvAllwnc	EnvAllwncCert	Environmental allowance certificates
EnvCrd	EnvironmentalCredit	Environmental credit
EnvOfst	EnvironmentalOffset	Environmental Offset
g	Grams	Grams
Gal	Gallons	Gallons
GT	GrossTons	Gross tons. Also known as long tons or imperial tons, equal to 2240 lbs
HDD	HeatingDegreeDay	Heating degree day
IPNT	IndexPoint	Index point

<b>Code</b>	<b>Name</b>	<b>Description</b>
kg	Kilograms	Kilograms
kL	Kiloliters	kiloliters
kW-a	KilowattYear	Kilowatt year (electrical capacity)
kW-d	KilowattDay	Kilowatt day (electrical capacity)
kW-h	KilowattHour	Kilowatt hour (electrical capacity)
kW-M	KilowattMonth	Kilowatt month (electrical capacity)
kW-min	KilowattMinute	Kilowatt-Minute (electrical capacity)
L	Liters	liters
lbs	Pounds	pounds
MW-a	MegawattYear	Megawatt year (electrical capacity)
MW-d	MegawattDay	Megawatt day (electrical capacity)
MW-h	MegawattHour	Megawatt hour (electrical capacity)
MW-M	MegawattMonth	Megawatt month (electrical capacity)
MW-min	MegawattMinute	Megawatt minute (electrical capacity)
oz_tr	TroyOunces	Troy ounces
PRINC	PrincipalWithRelationToDebtInstrument	Principal with relation to debt instrument
t	MetricTons	Metric tons. Also known as Tonnes, equal to 1000 kg
tn	Tons	Tons (US). Equal to 2000 lbs
a	Are	Are
ac	Acre	Acre
cL	Centiliter	Centiliter
cM	Centimeter	Centimeter
DGE	DieselGallonEquivalent	Diesel gallon equivalent
ft	Foot	Foot
Gal_gb	GBGallon	GB Gallon
GGE	GasolineGallonEquivalent	Gasonline gallon equivalent
ha	Hectare	Hectare
in	Inch	Inch
kM	Kilometer	Kilometer
M	Meter	Meter
mi	Mile	Mile
mL	Milliliter	Milliliter
mM	Millimeter	Millimeter

Code	Name	Description
oz	USOunce	US ounce
pc	Piece	Piece
pt	USPint	US Pint
pt_gb	GBPint	GB pint
qt	USQuart	US Quart
qt_gb	GBQuart	GB Quart
SqcM	SquareCentimeter	Square centimeter
Sqft	SquareFoot	Square foot
Sqin	SquareInch	Square inch
SqkM	SquareKilometer	Square kilometer
SqM	SquareMeter	Square meter
Sqmi	SquareMile	Square mile
SqmM	SquareMillimeter	Square millimeter
Sqyd	SquareYard	Square yard
yd	Yard	Yard
MMbbl	MillionBarrels	Million Barrels
USD	USDollars	US Dollars

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Used in components: [DerivativeInstrument](#)

#### **170.2.698 DerivativePriceUnitOfMeasureCurrency**

Indicates the currency of the price unit of measure.

Conditionally required when DerivativePriceUnitOfMeasure(1315) = Ccy.

See PriceUnitOfMeasureCurrency(1717) for complete definition.

Type: [Currency](#)

Used in components: [DerivativeInstrument](#)

#### **170.2.699 DerivativePriceUnitOfMeasureCurrencyCodeSource**

Identifies class or source of the DerivativePriceUnitOfMeasureCurrency(1723) value.

Type: [String](#)

Allowed values in CurrencyCodeSourceCodeSet:

Code	Name	Description
1	CUSIP	CUSIP
2	SEDOL	SEDOL
4	ISINNumber	ISIN
6	ISOCurrencyCode	ISO Currency Code (ISO 4217)
S	FinancialInstrumentGlobalIdentifier	Financial Instrument Global Identifier. An Object Management Group (OMG) standard. Also referred to as FIGI. Formerly known as "Bloomberg Open Symbology BBGID".
Y	DigitalTokenIdentifier	Digital Token Identifier (ISO 24165)

Used in components: [DerivativeInstrument](#)

### 170.2.700 DerivativePriceUnitOfMeasureQty

Used to express the UOM Quantity of the price if different from the contract.

See PriceUnitOfMeasureQty(1192) for complete definition.

Type: [Qty](#)

Used in components: [DerivativeInstrument](#)

### 170.2.701 DerivativeProduct

The type of product the security is associated with.

See Product(460) for complete definition.

Type: [int](#)

Allowed values in ProductCodeSet:

Code	Name	Description
1	AGENCY	AGENCY
2	COMMODITY	COMMODITY
3	CORPORATE	CORPORATE
4	CURRENCY	CURRENCY
5	EQUITY	EQUITY

---

Code	Name	Description
6	GOVERNMENT	GOVERNMENT
7	INDEX	INDEX
8	LOAN	LOAN
9	MONEYMARKET	MONEYMARKET
10	MORTGAGE	MORTGAGE
11	MUNICIPAL	MUNICIPAL
12	OTHER	OTHER
13	FINANCING	FINANCING

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Used in components: [DerivativeInstrument](#)

### 170.2.702 DerivativeProductComplex

Identifies an entire suite of products for a given market.

See ProductComplex(1227) for complete definition.

Type: [String](#)

Used in components: [DerivativeInstrument](#)

### 170.2.703 DerivativePutOrCall

Indicates whether an option contract is a put, call, chooser or undetermined.

See PutOrCall(201) for complete definition.

Type: [int](#)

Allowed values in PutOrCallCodeSet:

---

Code	Name	Description
0	Put	Put. Also used for the case in which the buyer of a Swaption has the right to enter into an IRS contract as a fixed-rate receiver or into a CDS contract as a seller of protection or for the case of a Floor.

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Code	Name	Description
1	Call	Call. Also used for the case in which the buyer of a Swaption has the right to enter into an IRS contract as a fixed-rate payer or into a CDS contract as a buyer of protection or for the case of a Cap.
2	Other	Other. In the context of ESMA RTS 22 reporting, this value may be used when, at the time of execution, the option right cannot be determined.
3	Chooser	Chooser. Indicates that the option buyer may choose to buy or sell the underlying security on exercise or if a Swaption to pay or receive the underlying IRS cash flow stream or to buy or sell CDS protection.

Used in components: [DerivativeInstrument](#)

#### 170.2.704 DerivativeSecurityAltID

Alternate derivative security identifier value of DerivativeSecurityAltIDSource(1220) type.

Requires DerivativeSecurityAltIDSource(1220).

Type: [String](#)

Used in groups: [DerivativeSecurityAltIDGrp](#)

#### 170.2.705 DerivativeSecurityAltIDGrp

Name	Mult.	Type	Description
<a href="#">NoDerivativeSecurityAltID</a>	[1..1]	NumInGroup	
<a href="#">DerivativeSecurityAltID</a>	[0..1]	String	
<a href="#">DerivativeSecurityAltIDSource</a>	[0..1]	CodeSet	

Used in components: [DerivativeInstrument](#)

#### 170.2.706 DerivativeSecurityAltIDSource

Identifies class or source of the DerivativeSecurityAltID(1219) value.

Type: **String**

Allowed values in SecurityIDSourceCodeSet:

Code	Name	Description
1	CUSIP	CUSIP
2	SEDOL	SEDOL
3	QUIK	QUIK
4	ISINNumber	ISIN
5	RICCode	RIC
6	ISOCurrencyCode	ISO Currency Code (ISO 4217)
7	ISOCountryCode	ISO Country Code
8	ExchangeSymbol	Exchange symbol
9	ConsolidatedTapeAssociation	Consolidated Tape Association (CTA) Symbol (SIAC CTS/CQS line format)
A	BloombergSymbol	Bloomberg Symbol
B	Wertpapier	Wertpapier
C	Dutch	Dutch
D	Valoren	Valoren
E	Sicovam	Sicovam
F	Belgian	Belgian
G	Common	"Common" (Clearstream and Euroclear)
H	ClearingHouse	Clearing house / Clearing organization
I	ISDAFpMLSpecification	ISDA/FpML product specification (XML in SecurityXML(1185))
J	OptionPriceReportingAuthority	Option Price Reporting Authority
K	ISDAFpMLURL	ISDA/FpML product URL (URL in SecurityID(48))
L	LetterOfCredit	Letter of credit
M	MarketplaceAssignedIdentifier	Marketplace-assigned Identifier
N	MarkitREDEntityCLIP	Markit RED entity CLIP
P	MarkitREDPairCLIP	Markit RED pair CLIP
Q	CFTCCommodityCode	CFTC commodity code
R	ISDACommodityReferencePrice	ISDA Commodity Reference Price
S	FinancialInstrumentGlobalIdentifier	Financial Instrument Global Identifier. An Object Management Group (OMG) standard. Also referred to as FIGI. Formerly known as "Bloomberg Open Symbology BBGID".
T	LegalEntityIdentifier	Legal entity identifier



Code	Name	Description
U	Synthetic	Synthetic. Used to specify that the security identifier is synthetic for linking nested underliers when there is no market identifier for the collection.
V	FidessaInstrumentMnemonic	Fidessa Instrument Mnemonic (FIM)
W	IndexName	Index name. Standard name of the index or rate index, e.g. "LIBOR" or "iTraxx Australia".
X	UniformSymbol	Uniform Symbol (UMTF Symbol)
Y	DigitalTokenIdentifier	Digital Token Identifier (ISO 24165)

Used in groups: [DerivativeSecurityAltIDGrp](#)

### 170.2.707 DerivativeSecurityDefinition

Name	Mult.	Type	Description
<a href="#">DerivativeInstrument</a>	[0..1]	Component	Optional block which can be used to summarize common attributes shared across a set of option instruments which belong to the same series.
<a href="#">DerivativeInstrumentAttribute</a>	[0..*]	Group	Additional attribution for the instrument series
<a href="#">MarketSegmentGrp</a>	[0..*]	Group	Security trading and listing attributes for the series level
<a href="#">SecurityClassificationGrp</a>	[0..*]	Group	Used to specify forms of product classifications

Used in messages: [DerivativeSecurityList](#), [DerivativeSecurityListUpdateReport](#)

### 170.2.708 DerivativeSecurityDesc

Can be used by the venue or one of the trading parties to provide a non-normative textual description for the financial instrument.

See SecurityDesc(107) for complete definition.

Type: [String](#)

Used in components: [DerivativeInstrument](#)

**170.2.709 DerivativeSecurityExchange**

Market used to help identify a security.

See SecurityExchange(207) for complete definition.

Type: **Exchange**

Used in components: **DerivativeInstrument**

**170.2.710 DerivativeSecurityGroup**

An exchange specific name assigned to a group of related securities which may be concurrently affected by market events and actions.

See SecurityGroup(1151) for complete definition.

Type: **String**

Used in components: **DerivativeInstrument**

**170.2.711 DerivativeSecurityID**

Security identifier value (e.g. CUSIP, SEDOL, ISIN, etc).

Requires DerivativeSecurityIDSource(1217).

See SecurityID(48) for complete definition.

Type: **String**

Used in components: **DerivativeInstrument**

**170.2.712 DerivativeSecurityIDSource**

Identifies class or source of the DerivativeSecurityID(1217) value.

See SecurityIDSource(22) for complete definition.

Type: **String**

Allowed values in SecurityIDSourceCodeSet:

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<b>Code</b>	<b>Name</b>	<b>Description</b>
1	CUSIP	CUSIP

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<b>Code</b>	<b>Name</b>	<b>Description</b>
2	SEDOL	SEDOL
3	QUIK	QUIK
4	ISINNumber	ISIN
5	RICCode	RIC
6	ISOCurrencyCode	ISO Currency Code (ISO 4217)
7	ISOCountryCode	ISO Country Code
8	ExchangeSymbol	Exchange symbol
9	ConsolidatedTapeAssociation	Consolidated Tape Association (CTA) Symbol (SIAC CTS/CQS line format)
A	BloombergSymbol	Bloomberg Symbol
B	Wertpapier	Wertpapier
C	Dutch	Dutch
D	Valoren	Valoren
E	Sicovam	Sicovam
F	Belgian	Belgian
G	Common	"Common" (Clearstream and Euroclear)
H	ClearingHouse	Clearing house / Clearing organization
I	ISDAFpMLSpecification	ISDA/FpML product specification (XML in SecurityXML(1185))
J	OptionPriceReportingAuthority	Option Price Reporting Authority
K	ISDAFpMLURL	ISDA/FpML product URL (URL in SecurityID(48))
L	LetterOfCredit	Letter of credit
M	MarketplaceAssignedIdentifier	Marketplace-assigned Identifier
N	MarkitREDEntityCLIP	Markit RED entity CLIP
P	MarkitREDPairCLIP	Markit RED pair CLIP
Q	CFTCCommodityCode	CFTC commodity code
R	ISDACommodityReferencePrice	ISDA Commodity Reference Price
S	FinancialInstrumentGlobalIdentifier	Financial Instrument Global Identifier. An Object Management Group (OMG) standard. Also referred to as FIGI. Formerly known as "Bloomberg Open Symbology BBGID".
T	LegalEntityIdentifier	Legal entity identifier
U	Synthetic	Synthetic. Used to specify that the security identifier is synthetic for linking nested underliers when there is no market identifier for the collection.
V	FidessaInstrumentMnemonic	Fidessa Instrument Mnemonic (FIM)
W	IndexName	Index name. Standard name of the index or rate index, e.g. "LIBOR" or "iTraxx Australia".

Code	Name	Description
X	UniformSymbol	Uniform Symbol (UMTF Symbol)
Y	DigitalTokenIdentifier	Digital Token Identifier (ISO 24165)

Used in components: [DerivativeInstrument](#)

### 170.2.713 DerivativeSecurityStatus

Indicates the current state of the derivative instrument.

See SecurityStatus(965) for complete definition.

Type: [String](#)

Allowed values in SecurityStatusCodeSet:

Code	Name	Description
1	Active	Active. Instrument is active, i.e. trading is possible.
2	Inactive	Inactive. Instrument has previously been active and is now no longer traded but has not expired yet. The instrument may become active again.
3	ActiveClosingOrdersOnly	Active, closing orders only. Instrument is active but only orders closing positions (reducing risk) are allowed.
4	Expired	Expired. Instrument has expired. E.g. An instrument may expire due to reaching maturity or expired based on contract definitions or exchange rules.
5	Delisted	Delisted. Instrument has been removed from securities reference data. Delisting rules varies from exchange to exchange, which may include non-compliance of capitalization, revenue, consecutive minimum closing price. The instrument may become listed again once the instrument is back in compliance. A delisted instrument would not trade on the exchange but it may still be traded over-the-counter (e.g. OTCBB) or on Pink Sheets, or other similar trading service.
6	KnockedOut	Knocked-out. Instrument has breached a pre-defined price threshold.
7	KnockOutRevoked	Knock-out revoked. Instrument reinstated, i.e. threshold has not been breached.

Code	Name	Description
8	PendingExpiry	Pending Expiry. Instrument is currently still active but will expire after the current business day. For example, a contract that expires intra-day (e.g. at noon time) and is no longer tradeable but will still show up in the current day's order book with related statistics.
9	Suspended	Suspended. Instrument has been temporarily disabled for trading (i.e. halted).
10	Published	Published. Instrument information is provided prior to its first activation.
11	PendingDeletion	Pending Deletion. Instrument is awaiting deletion from security reference data.

Used in components: [DerivativeInstrument](#)

#### 170.2.714 DerivativeSecuritySubType

Sub-type qualification/identification of the security type.

See SecuritySubType(762) for complete definition.

Type: [String](#)

Used in components: [DerivativeInstrument](#)

#### 170.2.715 DerivativeSecurityType

The type of security.

See SecurityType(167) for complete definition.

Type: [String](#)

Allowed values in SecurityTypeCodeSet:

Code	Name	Description
ABS	AssetBackedSecurities	Asset-backed Securities
AN	OtherAnticipationNotes	Other Anticipation Notes (BAN, GAN, etc.)
BA	BankersAcceptance	Bankers Acceptance
BRADY	BradyBond	Brady Bond

<b>Code</b>	<b>Name</b>	<b>Description</b>
CORP	CorporateBond	Corporate Bond
CS	CommonStock	Common Stock
EUSUPRA	EuroSupranationalCoupons	Euro Supranational Coupons. Identify the issuer name in Issuer(106).
FOR	ForeignExchangeContract	Foreign Exchange Contract
MF	MutualFund	Mutual Fund
REPO	Repurchase	Repurchase
TERM	TermLoan	Term Loan
BDN	BankDepositoryNote	Bank Depository Note
CAN	CanadianTreasuryNotes	Canadian Treasury Notes
CAP	Cap	Cap. In an interest rate cap, the buyer receives payments at the end of each period in which the rate indec exceeds the agreed strike rate.
CMB	CanadianMortgageBonds	Canadian Mortgage Bonds
COFO	CertificateOfObligation	Certificate Of Obligation
CPP	CorporatePrivatePlacement	Corporate Private Placement
FAC	FederalAgencyCoupon	Federal Agency Coupon
FORWARD	Forward	Forward
FXNDF	NonDeliverableForward	Non-deliverable forward
MLEG	MultilegInstrument	Multileg Instrument
PS	PreferredStock	Preferred Stock
RVLV	RevolverLoan	Revolver Loan
BN	BankNotes	Bank Notes
BUYSELL	BuySellback	Buy Sellback
CB	ConvertibleBond	Convertible Bond
CDS	CreditDefaultSwap	Credit Default Swap
CMBS	Corp	Corp. Mortgage-backed Securities
COFP	CertificateOfParticipation	Certificate Of Participation
CTB	CanadianTreasuryBills	Canadian Treasury Bills
DR	DepositoryReceipts	Depository Receipts
FADN	FederalAgencyDiscountNote	Federal Agency Discount Note
FXSPOT	FXSpot	FX Spot
NONE	NoSecurityType	No Security Type
RVLVTRM	Revolver	Revolver/Term Loan
BOX	BillOfExchanges	Bill Of Exchanges

<b>Code</b>	<b>Name</b>	<b>Description</b>
BRIDGE	BridgeLoan	Bridge Loan
CLLR	Collar	Collar. In an interest rate collar, this is a combination of a cap and a floor.
CMO	CollateralizedMortgageObligation	Collateralized Mortgage Obligation
DUAL	DualCurrency	Dual Currency
EUSOV	EuroSovereigns	Euro Sovereigns. Identify the issuer name in Issuer(106).
FXFWD	FXForward	FX Forward
GO	GeneralObligationBonds	General Obligation Bonds
PEF	PrivateExportFunding	Private Export Funding. Identify the issuer name in Issuer(106).
SECLOAN	SecuritiesLoan	Securities Loan
UST	USTreasuryNoteOld	US Treasury Note (Deprecated Value Use TNOTE)
CAMM	CanadianMoneyMarkets	Canadian Money Markets
CMDTYSWAP	CommoditySwap	Commodity swap
EUCORP	EuroCorporateBond	Euro Corporate Bond
FXSWAP	FXSwap	FX Swap
IET	IOETTEMortgage	IOETTE Mortgage
LOFC	LetterOfCredit	Letter Of Credit
MT	MandatoryTender	Mandatory Tender
PROV	CanadianProvincialBonds	Canadian Provincial Bonds
SECPLEDGE	SecuritiesPledge	Securities Pledge
SUPRA	USDSupranationalCoupons	USD Supranational Coupons. Identify the issuer name in Issuer(106).
USTB	USTreasuryBillOld	US Treasury Bill (Deprecated Value Use TBILL)
?	Wildcard	Wildcard entry for use on Security Definition Request
CD	CertificateOfDeposit	Certificate Of Deposit
DVPLDG	DeliveryVersusPledge	Delivery versus pledge
EUFNRN	EuroCorporateFloatingRateNotes	Euro Corporate Floating Rate Notes
EXOTIC	Exotic	Exotic
FXNDS	NonDeliverableSwap	Non-deliverable Swap
MBS	MortgageBackedSecurities	Mortgage-backed Securities
RAN	RevenueAnticipationNote	Revenue Anticipation Note
SWING	SwingLineFacility	Swing Line Facility
TB	TreasuryBill	Treasury Bill - non US
CASH	Cash	Cash
CL	CallLoans	Call Loans

<b>Code</b>	<b>Name</b>	<b>Description</b>
COLLBSKT	CollateralBasket	Collateral basket. A collection of securities held as collateral in the customer's collateral fund. The collateral fund is usually managed by a custodian.
DINP	DebtorInPossession	Debtor In Possession
FLR	Floor	Floor. In an interest rate floor, the buyer receives payments at the end of each period in which the rate index is below the agreed strike rate.
FRN	USCorporateFloatingRateNotes	US Corporate Floating Rate Notes
FXBN	FXBankNote	FX Bank Note
MIO	MortgageInterestOnly	Mortgage Interest Only
OOB	OptionsOnCombo	Options on Combo
REV	RevenueBonds	Revenue Bonds
TBOND	USTreasuryBond	US Treasury Bond
CP	CommercialPaper	Commercial Paper
DEFLTED	Defaulted	Defaulted
FRA	FRA	Forward Rate Agreement
FXDN	ForeignCurrencyDiscountNote	Foreign Currency Discount Note. Discount notes issued in foreign currency by Fannie Mae.
MPO	MortgagePrincipalOnly	Mortgage Principal Only
Other	Other	Other
SFP	StructuredFinanceProduct	Structured finance product
SPCLA	SpecialAssessment	Special Assessment
TINT	InterestStripFromAnyBondOrNote	Interest Strip From Any Bond Or Note
XLINKD	IndexedLinked	Indexed Linked
DN	DepositNotes	Deposit Notes
ETN	ExchangeTradedNote	Exchange traded note
FUT	Future	Future
MPP	MortgagePrivatePlacement	Mortgage Private Placement
SPCLO	SpecialObligation	Special Obligation
STRUCT	StructuredNotes	Structured Notes
TBILL	USTreasuryBill	US Treasury Bill
TIPS	TreasuryInflationProtectedSecurities	Treasury Inflation Protected Securities
WITHDRN	Withdrawn	Withdrawn
EUCD	EuroCertificateOfDeposit	Euro Certificate Of Deposit
FWD	DerivativeForward	Derivative forward



<b>Code</b>	<b>Name</b>	<b>Description</b>
MPT	MiscellaneousPassThrough	Miscellaneous Pass-through
MRGNLOAN	MarginLoan	Margin loan
REPLACD	Replaced	Replaced
SPCLT	SpecialTax	Special Tax
TCAL	PrincipalStripOfACallableBon- dOrNote	Principal Strip Of A Callable Bond Or Note
YANK	YankeeCorporateBond	Yankee Corporate Bond
DIMSUMCORP	OffshoreIssuedChineseYuanCorpo- rateBond	Offshore issued Chinese Yuan (CNY) denominated corporate bond
EUCP	EuroCommercialPaper	Euro Commercial Paper
IRS	InterestRateSwap	Interest Rate Swap
MATURED	Matured	Matured
PFAND	Pfandbrief	Pfandbrief. Identify the issuer name in Issuer(106).
SECDERIV	SecuritizedDerivative	Securitized derivative
TAN	TaxAnticipationNote	Tax Anticipation Note
TPRN	PrincipalStripFromANonCallable- BondOrNote	Principal Strip From A Non-Callable Bond Or Note
TRS	TotalReturnSwap	Total return swap
AMENDED	Amended	Amended and restated
ETF	ExchangeTradedFund	Exchange Traded Fund
LOANLEASE	LoanLease	Loan/lease
LQN	LiquidityNote	Liquidity Note
PRCORP	PreferredCorporateBond	Preferred Corporate Bond
TAXA	TaxAllocation	Tax Allocation
TBA	ToBeAnnounced	To Be Announced
TNOTE	USTreasuryNote	US Treasury Note
DIGITAL	DigitalAsset	Digital Asset. Asset that exists only in digital form or which is the digital representation of another asset (Source: ISO 24165 - Terms and Definitions).
DIMSUMSOV	OffshoreIssuedChine- seYuanSovereignBond	Offshore issued Chinese Yuan (CNY) denominated sovereign bond
MTN	MediumTermNotes	Medium Term Notes
RETIRED	Retired	Retired
TECP	TaxExemptCommercialPaper	Tax Exempt Commercial Paper
ONITE	Overnight	Overnight
OOF	OptionsOnFutures	Options on Futures

<b>Code</b>	<b>Name</b>	<b>Description</b>
SOV	SovereignBond	Sovereign Bond. Sovereign or government bond other than Euro and US issuer. Specify sovereign issuer in Issuer(106).
TMCP	TaxableMunicipalCP	Taxable Municipal CP
OOP	OptionsOnPhysical	Options on Physical - use not recommended
PN	PromissoryNote	Promissory Note
STN	ShortTermLoanNote	Short Term Loan Note
TFRN	USTreasuryFloatingRateNote	US Treasury Floating Rate Note
TRAN	TaxRevenueAnticipationNote	Tax Revenue Anticipation Note
OPT	Option	Option
PZFJ	PlazosFijos	Plazos Fijos
VRDN	VariableRateDemandNote	Variable Rate Demand Note
SLQN	SecuredLiquidityNote	Secured Liquidity Note
SPOTFWD	SpotForward	Spot forward
WAR	Warrant	Warrant
MCPIB	MunicipalInterestBearingCommercialPaper	Municipal Interest Bearing Commercial Paper
SWAPTION	SwapOption	Swap option
TD	TimeDeposit	Time Deposit
TMB	TaxableMunicipalBond	Taxable Municipal Bond
XMISSION	Transmission	Transmission
INDEX	Index	General type for a contract based on an established index
TLQN	TermLiquidityNote	Term Liquidity Note
VRDO	VariableRateDemandObligation	Variable Rate Demand Obligation
BDBSKT	BondBasket	Bond basket
XCN	ExtendedCommNote	Extended Comm Note
CFD	ContractForDifference	Contract for difference
YCD	YankeeCertificateOfDeposit	Yankee Certificate Of Deposit
BAB	BankAcceptedBill	Bank Accepted Bill. Also known as Bank Bill.
CRLNSWAP	CorrelationSwap	Correlation swap
BNST	ShortTermBankNote	Short Term Bank Note
DVDNSWAP	DividendSwap	Dividend swap
CLCP	CallableCommercialPaper	Callable Commercial Paper
EQBSKT	EquityBasket	Equity basket
CN	CommercialNote	Commercial Note
EQFWD	EquityForward	Equity forward

Code	Name	Description
CPIB	InterestBearingCommercialPaper	Interest Bearing Commercial Paper
RTRNSWAP	ReturnSwap	Return swap
EUMTN	EuroMediumTermNote	Euro Medium Term Note
VARSWAP	VarianceSwap	Variance swap
EUNCP	EuroNegotiableCommercialPaper	Euro Negotiable Commercial Paper
PRTFLIOSWAP	PortfolioSwaps	Portfolio swap
EUSTLQN	EuroStructuredLiquidityNote	Euro Structured Liquidity Note
FUTSWAP	FuturesOnASwap	Futures on a Swap
EUTD	EuroTimeDeposit	Euro Time Deposit
FWDSWAP	ForwardsOnASwap	Forwards on a Swap
FWDFRTAGMT	ForwardFreightAgreement	Forward Freight Agreement
JCD	JumboCertificateOfDeposit	Jumbo Certificate of Deposit
MMF	MoneyMarketFund	Money Market Fund
SPREADBET	SpreadBetting	Spread Betting
ETC	ExchangeTradedCommodity	Exchange traded commodity
MN	MasterNote	Master Note. Short term notes issued by Federal Farm Credit Banks Funding Corporation to provide loans and funding under Federal Farm Credit System (FFCS).
NCD	NegotiableCertificateOfDeposit	Negotiable Certificate of Deposit
NCP	NegotiableCommercialPaper	Negotiable Commercial Paper
RCD	RetailCertificateOfDeposit	Retail Certificate of Deposit
TDR	TermDepositReceipt	Term Deposit Receipt

Used in components: [DerivativeInstrument](#)

#### 170.2.716 DerivativeSecurityXML

XML definition for the security.

See SecurityXML(1185) for complete definition.

Type: [XMLData](#)

Used in components: [DerivativeSecurityXML](#)

#### 170.2.717 DerivativeSecurityXML

Name	Mult.	Type	Description
DerivativeSecurityXMLLen	[0..1]	Length	Must be set if DerivativeSecurityXML(1283) field is specified and must immediately precede it.
DerivativeSecurityXML	[0..1]	XMLData	
DerivativeSecurityXMLSchema	[0..1]	String	

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Used in components: [DerivativeInstrument](#)

#### **170.2.718 DerivativeSecurityXMLLen**

The length of the DerivativeSecurityXML(1283) data block.

See SecurityXMLLen(1184) for complete definition.

Type: [Length](#)

Used in components: [DerivativeSecurityXML](#)

#### **170.2.719 DerivativeSecurityXMLSchema**

The schema used to validate the contents of DerivativeSecurityXML(1283).

See SecurityXMLSchema(1186) for complete definition.

Type: [String](#)

Used in components: [DerivativeSecurityXML](#)

#### **170.2.720 DerivativeSettleOnOpenFlag**

Indicator to determine if instrument is settle on open.

See SettleOnOpenFlag(966) for complete definition.

Type: [String](#)

Used in components: [DerivativeInstrument](#)

**170.2.721 DerivativeSettlMethod**

Settlement method for a contract or instrument.

See SettlMethod(1193) for complete definition.

Type: **String**

Allowed values in SettlMethodCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
C	CashSettlementRequired	Cash settlement required
P	PhysicalSettlementRequired	Physical settlement required
E	Election	Election at exercise. The settlement method will be elected at the time of contract exercise.

---

Used in components: **DerivativeInstrument**

**170.2.722 DerivativeStateOrProvinceOfIssue**

A two-character state or province abbreviation.

See StateOrProvinceOfIssue(471) for complete definition.

Type: **String**

Used in components: **DerivativeInstrument**

**170.2.723 DerivativeStrikeCurrency**

Currency in which the strike price is denominated.

See StrikeCurrency(947) for complete definition.

Type: **Currency**

Used in components: **DerivativeInstrument**

**170.2.724 DerivativeStrikeCurrencyCodeSource**

Identifies class or source of the DerivativeStrikeCurrency(1262) value.

Type: **String**

Allowed values in CurrencyCodeSourceCodeSet:

Code	Name	Description
1	CUSIP	CUSIP
2	SEDOL	SEDOL
4	ISINNumber	ISIN
6	ISOCurrencyCode	ISO Currency Code (ISO 4217)
S	FinancialInstrumentGlobalIdentifier	Financial Instrument Global Identifier. An Object Management Group (OMG) standard. Also referred to as FIGI. Formerly known as "Bloomberg Open Symbology BBGID".
Y	DigitalTokenIdentifier	Digital Token Identifier (ISO 24165)

Used in components: [DerivativeInstrument](#)

#### **170.2.725 DerivativeStrikeMultiplier**

Multiplier applied to the strike price for the purpose of calculating the settlement value.

See StrikeMultiplier(967) for complete definition.

Type: [float](#)

Used in components: [DerivativeInstrument](#)

#### **170.2.726 DerivativeStrikePrice**

Strike price for an option.

See StrikePrice(202) for complete definition.

Type: [Price](#)

Used in components: [DerivativeInstrument](#)

#### **170.2.727 DerivativeStrikeValue**

The number of shares/units for the financial instrument involved in the option trade.

See StrikeValue(968) for complete definition.

Type: [float](#)

Used in components: [DerivativeInstrument](#)

**170.2.728 DerivativeSymbol**

Ticker symbol. Common, human understood representation of the security.

See Symbol(55) for complete definition.

Type: **String**

Used in components: **DerivativeInstrument**

**170.2.729 DerivativeSymbolSfx**

Additional information about the security (e.g. preferred, warrants, etc.).

See SymbolSfx(65) for complete definition.

Type: **String**

Allowed values in SymbolSfxCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
CD	EUCPWithLumpSumInterest	EUCP with lump-sum interest rather than discount price
WI	WhenIssued	"When Issued" for a security to be reissued under an old CUSIP or ISIN

---

Used in components: **DerivativeInstrument**

**170.2.730 DerivativeTimeUnit**

Unit of time associated with the contract.

NOTE: Additional values may be used by mutual agreement of the counterparties.

See TimeUnit(997) for complete definition.

Type: **String**

Allowed values in TimeUnitCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
H	Hour	Hour
Min	Minute	Minute
S	Second	Second

---

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
D	Day	Day
Wk	Week	Week
Mo	Month	Month
Yr	Year	Year
Q	Quarter	Quarter
EOM	EndOfMonth	End of Month. End of Month identifies a relative time unit, e.g. until the third Friday of each month.
F	Flexible	Flexible. A flexible time unit indicates that a specific time unit for the contract is currently undetermined.

---

Used in components: [DerivativeInstrument](#)

### **170.2.731 DerivativeUnitOfMeasure**

The unit of measure of the underlying commodity upon which the contract is based.

See UnitOfMeasure(996) for complete definition.

Type: [String](#)

Allowed values in UnitOfMeasureCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
Alw	Allowances	Allowances
Bcf	BillionCubicFeet	Billion cubic feet
Bbl	Barrels	Barrels. Equal to 42 US gallons
CBM	CubicMeters	Cubic Meters
BDFT	BoardFeet	Board feet. Equal to 144 cubic inches
GJ	Gigajoules	gigajoules
Bu	Bushels	Bushels
kHR	HeatRate	Heat rate. The number of BTUs required to produce one kilowatt hour of electricity, typically 3,412.14 BTUs per 1 kWh.
Ccy	Currency	Amount of currency
kWh	KilowattHours	Kilowatt hours
CDD	CoolingDegreeDay	Cooling degree day

---



<b>Code</b>	<b>Name</b>	<b>Description</b>
MHR	MegaHeatRate	Mega heat rate. The number of million BTUs required to produce one megawatt hour of electricity, typically 3.41214 million BTUs per 1 MWh.
CER	CertifiedEmissionsReduction	Certified emissions reduction
MMBtu	OneMillionBTU	One Million BTU
CPD	CriticalPrecipDay	Critical precipitation day
MWh	MegawattHours	Megawatt hours
CRT	ClimateReserveTonnes	Climate reserve tonnes
thm	Therms	therms. Equal to 100,000 BTU
cwt	Hundredweight	Hundredweight(US). Equal to 100 lbs
tnCO2	TonsOfCarbonDioxide	Tons of carbon dioxide
day	Day	Days
dt	DryMetricTons	Dry metric tons
EnvAllwnc	EnvAllwncCert	Environmental allowance certificates
EnvCrd	EnvironmentalCredit	Environmental credit
EnvOfst	EnvironmentalOffset	Environmental Offset
g	Grams	Grams
Gal	Gallons	Gallons
GT	GrossTons	Gross tons. Also known as long tons or imperial tons, equal to 2240 lbs
HDD	HeatingDegreeDay	Heating degree day
IPNT	IndexPoint	Index point
kg	Kilograms	Kilograms
kL	Kiloliters	kiloliters
kW-a	KilowattYear	Kilowatt year (electrical capacity)
kW-d	KilowattDay	Kilowatt day (electrical capacity)
kW-h	KilowattHour	Kilowatt hour (electrical capacity)
kW-M	KilowattMonth	Kilowatt month (electrical capacity)
kW-min	KilowattMinute	Kilowatt-Minute (electrical capacity)
L	Liters	liters
lbs	Pounds	pounds
MW-a	MegawattYear	Megawatt year (electrical capacity)
MW-d	MegawattDay	Megawatt day (electrical capacity)
MW-h	MegawattHour	Megawatt hour (electrical capacity)
MW-M	MegawattMonth	Megawatt month (electrical capacity)

<b>Code</b>	<b>Name</b>	<b>Description</b>
MW-min	MegawattMinute	Megawatt minute (electrical capacity)
oz_tr	TroyOunces	Troy ounces
PRINC	PrincipalWithRelationToDebtInstrument	Principal with relation to debt instrument
t	MetricTons	Metric tons. Also known as Tonnes, equal to 1000 kg
tn	Tons	Tons (US). Equal to 2000 lbs
a	Are	Are
ac	Acre	Acre
cL	Centiliter	Centiliter
cM	Centimeter	Centimeter
DGE	DieselGallonEquivalent	Diesel gallon equivalent
ft	Foot	Foot
Gal_gb	GBGallon	GB Gallon
GGE	GasolineGallonEquivalent	Gasonline gallon equivalent
ha	Hectare	Hectare
in	Inch	Inch
kM	Kilometer	Kilometer
M	Meter	Meter
mi	Mile	Mile
mL	Milliliter	Milliliter
mM	Millimeter	Millimeter
oz	USOunce	US ounce
pc	Piece	Piece
pt	USPint	US Pint
pt_gb	GBPint	GB pint
qt	USQuart	US Quart
qt_gb	GBQuart	GB Quart
SqcM	SquareCentimeter	Square centimeter
Sqft	SquareFoot	Square foot
Sqin	SquareInch	Square inch
SqkM	SquareKilometer	Square kilometer
SqM	SquareMeter	Square meter
Sqmi	SquareMile	Square mile
SqmM	SquareMillimeter	Square millimeter

Code	Name	Description
Sqyd	SquareYard	Square yard
yd	Yard	Yard
MMbbl	MillionBarrels	Million Barrels
USD	USDollars	US Dollars

Used in components: [DerivativeInstrument](#)

### 170.2.732 DerivativeUnitOfMeasureCurrency

Indicates the currency of the unit of measure.

Conditionally required when DerivativeUnitOfMeasure(1269) = Ccy.

See UnitOfMeasureCurrency(1716) for complete definition.

Type: [Currency](#)

Used in components: [DerivativeInstrument](#)

### 170.2.733 DerivativeUnitOfMeasureCurrencyCodeSource

Identifies class or source of the DerivativeUnitOfMeasureCurrency(1722) value.

Type: [String](#)

Allowed values in CurrencyCodeSourceCodeSet:

Code	Name	Description
1	CUSIP	CUSIP
2	SEDOL	SEDOL
4	ISINNumber	ISIN
6	ISOCurrencyCode	ISO Currency Code (ISO 4217)
S	FinancialInstrumentGlobalIdentifier	Financial Instrument Global Identifier. An Object Management Group (OMG) standard. Also referred to as FIGI. Formerly known as "Bloomberg Open Symbology BBGID".
Y	DigitalTokenIdentifier	Digital Token Identifier (ISO 24165)

Used in components: [DerivativeInstrument](#)

**170.2.734 DerivativeUnitOfMeasureQty**

Used to indicate the quantity of the underlying commodity unit of measure on which the contract is based.

See UnitOfMeasureQty(1147) for complete definition.

Type: [Qty](#)

Used in components: [DerivativeInstrument](#)

**170.2.735 DerivativeUPICode**

Uniquely identifies the product of a derivative instrument using ISO 4914. See UPICode(2891) for complete definition.

Type: [String](#)

Used in components: [DerivativeInstrument](#)

**170.2.736 DerivativeValuationMethod**

Specifies the method for price quotation.

See ValuationMethod(1197) for complete definition.

Type: [String](#)

Allowed values in ValuationMethodCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
EQTY	PremiumStyle	premium style
FUT	FuturesStyleMarkToMarket	futures style mark-to-market
FUTDA	FuturesStyleWithAnAttachedCashAdjustment	futures style with an attached cash adjustment
CDS	CDSStyleCollateralization	CDS style collateralization of market to market and coupon
CSDS	CDSInDeliveryUseRecoveryRateToCalculate	CDS in delivery - use recovery rate to calculate obligation

---

Used in components: [DerivativeInstrument](#)

**170.2.737 DerivFlexProductEligibilityIndicator**

Used to indicate if a product or group of product supports the creation of flexible securities.

See FlexProductEligibilityIndicator(1242) for complete definition.

Type: **Boolean**

Used in components: **DerivativeInstrument**

**170.2.738 Designation**

Free format text defining the designation to be associated with a holding on the register. Used to identify assets of a specific underlying investor using a common registration, e.g. a broker's nominee or street name.

Type: **String**

Used in groups: **ListOrdGrp**

Used in messages: **CrossOrderCancelReplaceRequest**, **ExecutionReport**, **MultilegOrderCancelReplace**, **NewOrderCross**, **NewOrderMultileg**, **NewOrderSingle**, **OrderCancelReplaceRequest**

**170.2.739 DeskID**

Identification of a Market Maker's desk

Type: **String**

Used in groups: **CompIDReqGrp**, **CompIDStatGrp**, **MDFullGrp**, **MDIncGrp**

**170.2.740 DeskOrderHandlingInst**

Codes that apply special information that the broker-dealer needs to report.

Type: **MultipleStringValue**

Allowed values in CustOrderHandlingInstCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
A	PhoneSimple	Phone simple
G	GOrderAndFCMAPlorFIX	G Order(FINRA OATS), FCM API or FIX(FIA Execution Source)
ADD	AddOnOrder	Add-on order

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
B	PhoneComplex	Phone complex
AON	AllOrNone	All or none
C	FCMProvidedScreen	FCM provided screen
CND	ConditionalOrder	Conditional order
D	OtherProvidedScreen	Other provided screen
CNH	CashNotHeld	Cash not held
E	ClientProvidedPlatformControlled-ByFCM	Client provided platform controlled by FCM
CSH	DeliveryInstructionsCash	Delivery instructions - cash
F	ClientProvidedPlatformDirectToExchange	Client provided platform direct to exchange
DIR	DirectedOrder	Directed order
DLO	DiscretionaryLimitOrder	Discretionary limit order
H	AlgoEngine	Algo engine
E.W	ExchangeForPhysicalTransaction	Exchange for physical transaction
J	PriceAtExecution	Price at execution (price added at initial order entry, trading, middle office or time of give-up)
FOK	FillOrKill	Fill or kill
W	DeskElectronic	Desk - electronic
X	DeskPit	Desk - pit
IDX	IntraDayCross	Intraday cross
Y	ClientElectronic	Client - electronic
IO	ImbalanceOnly	Imbalance only
Z	ClientPit	Client - pit
IOC	ImmediateOrCancel	Immediate or cancel
ISO	IntermarketSweepOrder	Intermarket sweep order
LOO	LimitOnOpen	Limit on open
LOC	LimitOnClose	Limit on Close
MAO	MarketAtOpen	Market at Open
MAC	MarketAtClose	Market at close
MOO	MarketOnOpen	Market on open
MOC	MarketOnClose	Market on close
MPT	MergerRelatedTransferPosition	Merger related transfer position
MQT	MinimumQuantity	Minimum quantity
MTL	MarketToLimit	Market to limit

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
ND	DeliveryInstructionsNextDay	Delivery instructions - next day
NH	NotHeld	Not held
OPT	OptionsRelatedTransaction	Options related transaction
OVD	OverTheDay	Over the day
PEG	Pegged	Pegged
RSV	ReserveSizeOrder	Reserve size order
S.W	StopStockTransaction	Stop stock transaction
SCL	Scale	Scale
SLR	DeliveryInstructionsSellersOption	Delivery instructions - sellers option
TMO	TimeOrder	Time order
TS	TrailingStop	Trailing stop
WRK	Work	Work
F0	StayOnOfferside	Stay on offerside
F3	GoAlong	Go along
F6	ParticipateDoNotInitiate	Participate do not initiate
F7	StrictScale	Strict scale
F8	TryToScale	Try to scale
F9	StayOnBidside	Stay on bidside
FA	NoCross	No cross
FB	OKToCross	OK to cross
FC	CallFirst	Call first
FD	PercentOfVolume	Percent of volume
FH	ReinstateOnSystemFailure	Reinstate on system failure
FI	InstitutionOnly	Institution only
FJ	ReinstateOnTradingHalt	Reinstate on trading halt
FK	CancelOnTradingHalf	Cancel on trading half
FL	LastPeg	Last peg
FM	MidPricePeg	Mid-price peg
FN	NonNegotiable	Non-negotiable
FO	OpeningPeg	Opening peg
FP	MarketPeg	Market peg
FQ	CancelOnSystemFailure	Cancel on system failure
FR	PrimaryPeg	Primary peg
FS	Suspend	Suspend

---

---

Code	Name	Description
FT	FixedPegToLocalBBO	Fixed peg to local best bid or offer at time of order
FW	PegToVWAP	Peg to VWAP
FX	TradeAlong	Trade along
FY	TryToStop	Try to stop
FZ	CancelIfNotBest	Cancel if not best
Fb	StrictLimit	Strict limit
Fc	IgnorePriceValidityChecks	Ignore price validity checks
Fd	PegToLimitPrice	Peg to Limit Price
Fe	WorkToTargetStrategy	Work to target strategy

---

Used in groups: [TrdRegTimestamps](#)

### 170.2.741 DeskType

Identifies the type of Trading Desk.

Conditionally required when InformationBarrierID(1727) is specified for OATS.

Type: [String](#)

Allowed values in DeskTypeCodeSet:

---

Code	Name	Description
A	Agency	Agency
AR	Arbitrage	Arbitrage
B	BlockTrading	Block trading
C	ConvertibleDesk	Convertible desk
CR	CentralRiskBooks	Central risk books
D	Derivatives	Derivatives
EC	EquityCapitalMarkets	Equity capital markets
IN	International	International
IS	Institutional	Institutional
O	Other	Other
PF	PreferredTrading	Preferred trading
PR	Proprietary	Proprietary
PT	ProgramTrading	Program trading

---



---

Code	Name	Description
S	Sales	Sales
SW	Swaps	Swaps
T	TradingDeskSystem	Trading desk or system non-market maker
TR	Treasury	Treasury
FB	FloorBroker	Floor Broker

---

Used in groups: [TrdRegTimestamps](#)

### 170.2.742 DeskTypeSource

Identifies the class or source of DeskType(1033) values. Conditionally required when DeskType(1033) is specified.

Type: [int](#)

Allowed values in DeskTypeSourceCodeSet:

---

Code	Name	Description
1	FINRAOATS	FINRA OATS

---

Used in groups: [TrdRegTimestamps](#)

### 170.2.743 DetachmentPoint

Upper bound percentage of the loss the tranche can endure.

Type: [Percentage](#)

Used in components: [Instrument](#)

### 170.2.744 DifferentialPrice

Used to specify the differential price when reporting the individual leg of a spread trade. Both leg price and differential price may be provided on such a report. Note that MultiLegReportingType(442) will be set to 2 (Individual leg of a multi-leg security) in this case.

Also used in pricing Trade at Settlement (TAS) and Trade At Marker (TAM) contracts for which the value is the negotiated currency offset either at settlement (TAS) or at time specified in the product definition (TAM). The final contract price is specified in LastPx(31).

Type: [PriceOffset](#)

Used in messages: [TradeCaptureReport](#)

### 170.2.745 DisclosureInstruction

Instruction to disclose information or to use default value of the receiver.

Type: [int](#)

Allowed values in DisclosureInstructionCodeSet:

---

Code	Name	Description
0	No	No
1	Yes	Yes
2	UseDefaultSetting	Use default setting

---

Used in groups: [DisclosureInstructionGrp](#)

### 170.2.746 DisclosureInstructionGrp

Repeating group of instructions, each of which relates to one or more elements of an order. The instruction itself conveys whether the information should be disclosed, e.g. in market data, or not.

---

Name	Mult.	Type	Description
<a href="#">NoDisclosureInstructions</a>	[1..1]	NumInGroup	
<a href="#">DisclosureType</a>	[0..1]	CodeSet	Required when NoDisclosureInstructions(1812) > 0.
<a href="#">DisclosureInstruction</a>	[0..1]	CodeSet	

---

Used in messages: [ExecutionReport](#), [MultilegOrderCancelReplace](#), [NewOrderMultileg](#), [NewOrderSingle](#), [OrderCancelReplaceRequest](#)

**170.2.747 DisclosureType**

Information subject to disclosure.

Type: **int**

Allowed values in DisclosureTypeCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
1	Volume	Volume
2	Price	Price
3	Side	Side
4	AON	AON
5	General	General. General is used for bilateral agreed disclosure information type(s).
6	ClearingAccount	Clearing account
7	CMTAAccount	CMTA account

---

Used in groups: **DisclosureInstructionGrp**

**170.2.748 DiscountFactor**

Used to calculate the present value of an amount to be paid in the future.

Type: **float**

Used in groups: **ClearingPriceParametersGrp, MDFullGrp, MDIncGrp**

Used in messages: **PositionMaintenanceReport, PositionReport**

**170.2.749 DiscretionInst**

Code to identify the price a DiscretionOffsetValue (389) is related to and should be mathematically added to.

Type: **char**

Allowed values in DiscretionInstCodeSet:

Code	Name	Description
0	RelatedToDisplayedPrice	Related to displayed price
1	RelatedToMarketPrice	Related to market price
2	RelatedToPrimaryPrice	Related to primary price
3	RelatedToLocalPrimaryPrice	Related to local primary price
4	RelatedToMidpointPrice	Related to midpoint price
5	RelatedToLastTradePrice	Related to last trade price
6	RelatedToVWAP	Related to VWAP
7	AveragePriceGuarantee	Average Price Guarantee

Used in components: [DiscretionInstructions](#)

### 170.2.750 DiscretionInstructions

The presence of DiscretionInstructions component block on an order indicates that the trader wishes to display one price but will accept trades at another price.

Name	Mult.	Type	Description
<a href="#">DiscretionInst</a>	[0..1]	CodeSet	What the discretionary price is related to (e.g. primary price, display price etc)
<a href="#">DiscretionOffsetValue</a>	[0..1]	float	Amount (signed) added to the "related to" price specified via DiscretionInst, in the context of DiscretionOffsetType
<a href="#">DiscretionMoveType</a>	[0..1]	CodeSet	Describes whether discretion price is static/fixed or floats
<a href="#">DiscretionOffsetType</a>	[0..1]	CodeSet	Type of Discretion Offset (e.g. price offset, tick offset etc)
<a href="#">DiscretionLimitType</a>	[0..1]	CodeSet	Specifies the nature of the resulting discretion price (e.g. or better limit, strict limit etc)
<a href="#">DiscretionRoundDirection</a>	[0..1]	CodeSet	If the calculated discretion price is not a valid tick price, specifies how to round the price (e.g. to be more or less aggressive)
<a href="#">DiscretionScope</a>	[0..1]	CodeSet	The scope of "related to" price of the discretion (e.g. local, global etc)

Used in groups: [ListOrdGrp](#)

Used in messages: [CrossOrderCancelReplaceRequest](#), [ExecutionReport](#), [MultilegOrderCancelReplace](#), [NewOrderCross](#), [NewOrderMultileg](#), [NewOrderSingle](#), [OrderCancelReplaceRequest](#)

### 170.2.751 DiscretionLimitType

Type of Discretion Limit

Type: [int](#)

Allowed values in DiscretionLimitTypeCodeSet:

---

Code	Name	Description
0	OrBetter	Or better (default) - price improvement allowed
1	Strict	Strict - limit is a strict limit
2	OrWorse	Or worse - for a buy the discretion price is a minimum and for a sell the discretion price is a maximum (for use for orders which have a price range)

---

Used in components: [DiscretionInstructions](#)

### 170.2.752 DiscretionMoveType

Describes whether discretionary price is static or floats

Type: [int](#)

Allowed values in DiscretionMoveTypeCodeSet:

---

Code	Name	Description
0	Floating	Floating (default)
1	Fixed	Fixed

---

Used in components: [DiscretionInstructions](#)

### 170.2.753 DiscretionOffsetType

Type of Discretion Offset value

Type: [int](#)

Allowed values in DiscretionOffsetTypeCodeSet:

Code	Name	Description
0	Price	Price (default)
1	BasisPoints	Basis Points
2	Ticks	Ticks
3	PriceTier	Price Tier / Level

Used in components: [DiscretionInstructions](#)

#### **170.2.754 DiscretionOffsetValue**

Amount (signed) added to the "related to" price specified via DiscretionInst (388), in the context of DiscretionOffsetType (842)

(Prior to FIX 4.4 this field was of type PriceOffset)

Type: [float](#)

Used in components: [DiscretionInstructions](#)

#### **170.2.755 DiscretionPrice**

The current discretionary price of the order

Type: [Price](#)

Used in messages: [ExecutionReport](#)

#### **170.2.756 DiscretionRoundDirection**

If the calculated discretionary price is not a valid tick price, specifies whether to round the price to be more or less aggressive

Type: [int](#)

Allowed values in DiscretionRoundDirectionCodeSet:

Code	Name	Description
1	MoreAggressive	More aggressive - on a buy order round the price up to the nearest tick; on a sell round down to the nearest tick
2	MorePassive	More passive - on a buy order round down to the nearest tick; on a sell order round up to the nearest tick

Used in components: [DiscretionInstructions](#)

### 170.2.757 DiscretionScope

The scope of the discretion

Type: [int](#)

Allowed values in DiscretionScopeCodeSet:

Code	Name	Description
1	Local	Local (Exchange, ECN, ATS)
2	National	National
3	Global	Global
4	NationalExcludingLocal	National excluding local

Used in components: [DiscretionInstructions](#)

### 170.2.758 DisplayHighQty

Defines the upper quantity limit to a randomized refresh of DisplayQty.

Type: [Qty](#)

Used in components: [DisplayInstruction](#)

### 170.2.759 DisplayInstruction

The DisplayInstruction component block is used to convey instructions on how a reserved order is to be handled in terms of when and how much of the order quantity is to be displayed to the market.

Name	Mult.	Type	Description
DisplayQty	[0..1]	Qty	
SecondaryDisplayQty	[0..1]	Qty	
InitialDisplayQty	[0..1]	Qty	Only to be used in the ExecutionReport
CurrentDisplayPrice	[0..1]	Price	
DisplayWhen	[0..1]	CodeSet	
DisplayMethod	[0..1]	CodeSet	
DisplayLowQty	[0..1]	Qty	Required when DisplayMethod = 3
DisplayHighQty	[0..1]	Qty	Required when DisplayMethod = 3
DisplayMinIncr	[0..1]	Qty	Can be used to specify larger increments than the standard increment provided by the market. Optionally used when DisplayMethod = 3
RefreshQty	[0..1]	Qty	Required when DisplayMethod = 2

Used in components: [TradeReportOrderDetail](#)

Used in groups: [ListOrdGrp](#)

Used in messages: [CrossOrderCancelReplaceRequest](#), [ExecutionReport](#), [MultilegOrderCancelReplace](#), [NewOrderCross](#), [NewOrderMultileg](#), [NewOrderSingle](#), [OrderCancelReplaceRequest](#)

### 170.2.760 DisplayLowQty

Defines the lower quantity limit to a randomized refresh of DisplayQty.

Type: [Qty](#)

Used in components: [DisplayInstruction](#)

### 170.2.761 DisplayMethod

Defines what value to use in DisplayQty (1138). If not specified the default DisplayMethod is "1"

Type: [char](#)

Allowed values in DisplayMethodCodeSet:

Code	Name	Description
1	Initial	Initial (use original DisplayQty)



---

Code	Name	Description
2	New	New (use RefreshQty)
3	Random	Random (randomize value)
4	Undisclosed	Undisclosed (invisible order)

---

Used in components: [DisplayInstruction](#)

### 170.2.762 DisplayMinIncr

Defines the minimum increment to be used when calculating a random refresh of DisplayQty. A user specifies this when he wants a larger increment than the standard provided by the market (e.g. the round lot size).

Type: [Qty](#)

Used in components: [DisplayInstruction](#)

### 170.2.763 DisplayQty

The quantity to be displayed . Required for reserve orders. On orders specifies the qty to be displayed, on execution reports the currently displayed quantity.

Type: [Qty](#)

Used in components: [DisplayInstruction](#)

### 170.2.764 DisplayWhen

Instructs when to refresh DisplayQty (1138).

Type: [char](#)

Allowed values in DisplayWhenCodeSet:

---

Code	Name	Description
1	Immediate	Immediate (after each fill)
2	Exhaust	Exhaust (when DisplayQty = 0)

---

Used in components: [DisplayInstruction](#)

---

**170.2.765 DistribPaymentMethod**

Identifies the payment method for a (fractional) distribution. Used for CIV.

Type: **int**

Allowed values in DistribPaymentMethodCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
1	CREST	CREST
2	NSCC	NSCC
3	Euroclear	Euroclear
4	Clearstream	Clearstream
5	Cheque	Cheque
6	TelegraphicTransfer	Telegraphic Transfer
7	FedWire	Fed Wire
8	DirectCredit	Direct Credit (BECS, BACS)
9	ACHCredit	ACH Credit
10	BPAY	BPAY
11	HighValueClearingSystemHVACS	High Value Clearing System HVACS
12	ReinvestInFund	Reinvest In Fund
999	Other	Other

---

Used in groups: **RgstDistInstGrp**

**170.2.766 DistribPercentage**

The amount of each distribution to go to this beneficiary, expressed as a percentage

Type: **Percentage**

Used in groups: **RgstDistInstGrp**

**170.2.767 DividendAccrualFixedRate**

The dividend accrual fixed rate per annum expressed as a decimal.

A value of 5% would be represented as "0.05".

Type: **Percentage**

Used in components: **DividendConditions**

### 170.2.768 DividendAccrualFloatingRate

The DividendAccrualFloatingRate component is a subcomponent of DividendConditions used to define the dividend accrual floating rate attributes of dividend payment conditions.

Name	Mult.	Type	Description
DividendFloatingRateIndex	[0..1]	String	
DividendFloatingRateIndexCurvePeriod	[0..1]	int	Conditionally required when DividendFloatingRateIndexCurveUnit(42220) is specified.
DividendFloatingRateIndexCurveUnit	[0..1]	CodeSet	Conditionally required when DividendFloatingRateIndexCurvePeriod(42219) is specified.
DividendFloatingRateMultiplier	[0..1]	float	
DividendFloatingRateSpread	[0..1]	PriceOffset	
DividendFloatingRateSpreadPositionType	[0..1]	CodeSet	
DividendFloatingRateTreatment	[0..1]	CodeSet	
DividendCapRate	[0..1]	Percentage	
DividendCapRateBuySide	[0..1]	CodeSet	
DividendCapRateSellSide	[0..1]	CodeSet	
DividendFloorRate	[0..1]	Percentage	
DividendFloorRateBuySide	[0..1]	CodeSet	
DividendFloorRateSellSide	[0..1]	CodeSet	
DividendInitialRate	[0..1]	Percentage	
DividendFinalRateRoundingDirection	[0..1]	CodeSet	
DividendFinalRatePrecision	[0..1]	int	
DividendAveragingMethod	[0..1]	CodeSet	
DividendNegativeRateTreatment	[0..1]	CodeSet	

Used in components: [DividendConditions](#)

### 170.2.769 DividendAccrualPaymentDateBusinessDayConvention

Accrual payment date adjustment business day convention.

Type: `int`

Allowed values in BusinessDayConventionCodeSet:

Code	Name	Description
0	NotApplicable	Not applicable. Business day convention is not applicable.
1	None	None (current day)
2	FollowingDay	Following day. The following business day.
3	FloatingRateNote	Floating rate note. The FRN business day convention.
4	ModifiedFollowingDay	Modified following day. The modified following business day.
5	PrecedingDay	Preceding day. The preceding business day.
6	ModifiedPrecedingDay	Modified preceding day. The modified preceding business day.
7	NearestDay	Nearest day. The nearest applicable business day.

Used in components: [DividendAccrualPaymentDate](#)

#### **170.2.770 DividendAccrualPaymentDateAdjusted**

The adjusted accrual payment date.

Type: [LocalMktDate](#)

Used in components: [DividendAccrualPaymentDate](#)

#### **170.2.771 DividendAccrualPaymentDateBusinessCenter**

The business center calendar used for date adjustment of the instrument's dividend accrual payment date, e.g. "GBLO".

See <http://www.fpml.org/coding-scheme/business-center> for standard 4-character code values.

Type: [String](#)

Used in groups: [DividendAccrualPaymentDateBusinessCenterGrp](#)

#### **170.2.772 DividendAccrualPaymentDateBusinessCenterGrp**

DividendAccrualPaymentDateBusinessCenterGrp is a repeating subcomponent within the DividendAccrualPaymentDate component. It is used to specify the set of business centers whose calendars drive the date adjustment.

Name	Mult.	Type	Description
NoDividendAccrualPaymentDateBusinessCenters	[1..1]	NumInGroup	
DividendAccrualPaymentDateBusinessCenter	[0..1]	String	Required if NoDividendAccrualPaymentDateBusinessCenters(42236) > 0.

Used in components: [DividendAccrualPaymentDate](#)

### 170.2.773 DividendAccrualPaymentDate

The DividendAccrualPaymentDate component is a subcomponent of DividendConditions used to report the dividend accrual payment date.

Name	Mult.	Type	Description
DividendAccrualPaymentDateRelativeTo	[0..1]	int	
DividendAccrualPaymentDateOffsetPeriod	[0..1]	int	Conditionally required when DividendAccrualPaymentDateOffsetUnit(42240) is specified.
DividendAccrualPaymentDateOffsetUnit	[0..1]	CodeSet	Conditionally required when DividendAccrualPaymentDateOffsetPeriod(42239) is specified.
DividendAccrualPaymentDateOffsetDayType	[0..1]	CodeSet	
DividendAccrualPaymentDateUnadjusted	[0..1]	LocalMktDate	
DividendAccrualPaymentDateBusinessDayConvention	[0..1]	CodeSet	When specified, this overrides the business day convention defined in the DateAdjustment component in Instrument. The value would be specific to this instance of DividendAccrualPaymentDate.
DividendAccrualPaymentDateBusinessCenterGrp	[0..*]	Group	When specified, this overrides the business centers defined in the DateAdjustment component in Instrument. The values would be specific to this instance of DividendAccrualPaymentDate.
DividendAccrualPaymentDateAdjusted	[0..1]	LocalMktDate	

Used in components: [DividendConditions](#)

**170.2.774 DividendAccrualPaymentDateOffsetDayType**

Specifies the day type of the relative accrual payment date offset.

Type: **int**

Allowed values in PaymentStreamPaymentDateOffsetDayTypeCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	Business	Business
1	Calendar	Calendar
2	CommodityBusiness	Commodity business
3	CurrencyBusiness	Currency business
4	ExchangeBusiness	Exchange business
5	ScheduledTradingDay	Scheduled trading day

---

Used in components: [DividendAccrualPaymentDate](#)

**170.2.775 DividendAccrualPaymentDateOffsetPeriod**

Time unit multiplier for the relative accrual payment date offset.

Type: **int**

Used in components: [DividendAccrualPaymentDate](#)

**170.2.776 DividendAccrualPaymentDateOffsetUnit**

Time unit associated with the relative accrual payment date offset.

Type: **String**

Allowed values in PaymentStreamPaymentDateOffsetUnitCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
D	Day	Day
Wk	Week	Week
Mo	Month	Month
Yr	Year	Year

---

Used in components: [DividendAccrualPaymentDate](#)

**170.2.777 DividendAccrualPaymentDateRelativeTo**

Specifies the anchor date when the accrual payment date is relative to an anchor date.

See [http://www.fixtradingcommunity.org/codelists#Relative\\_To\\_Date](http://www.fixtradingcommunity.org/codelists#Relative_To_Date) for values.

Type: **int**

Used in components: **DividendAccrualPaymentDate**

**170.2.778 DividendAccrualPaymentDateUnadjusted**

The unadjusted accrual payment date.

Type: **LocalMktDate**

Used in components: **DividendAccrualPaymentDate**

**170.2.779 DividendAmountType**

Indicates how the gross cash dividend amount per share is determined.

Type: **int**

Allowed values in DividendAmountTypeCodeSet:

Code	Name	Description
0	RecordAmount	Record amount. 100% of the gross cash dividend per share paid over record date during relevant dividend period.
1	ExAmount	Ex amount. 100% of gross cash dividend per share paid after the ex-dividend date during relevant dividend period.
2	PaidAmount	Paid amount. 100% of gross cash dividend per share paid during relevant dividend period.
3	PerMasterConfirm	As specified in master confirmation. The amount is determined as provided in the relevant master confirmation.

Used in components: **DividendConditions**

**170.2.780 DividendAveragingMethod**

When averaging is applicable, used to specify whether a weighted or unweighted average method of calculation is to be used.

Type: **int**

Allowed values in PaymentStreamAveragingMethodCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	Unweighted	Unweighted
1	Weighted	Weighted

---

Used in components: **DividendAccrualFloatingRate**

### **170.2.781 DividendCapRate**

The cap rate, if any, which applies to the floating rate. It is only required where the floating rate is capped at a certain level. The cap rate is assumed to be exclusive of any spread and is a per annum rate, expressed as a decimal. A cap rate of 5% would be represented as "0.05".

Type: **Percentage**

Used in components: **DividendAccrualFloatingRate**

### **170.2.782 DividendCapRateBuySide**

Reference to the buyer of the cap rate option through its trade side.

Type: **int**

Allowed values in PaymentStreamCapRateBuySideCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
1	Buyer	Buyer of the trade
2	Seller	Seller of the trade

---

Used in components: **DividendAccrualFloatingRate**

### **170.2.783 DividendCapRateSellSide**

Reference to the seller of the cap rate option through its trade side.

Type: **int**



Allowed values in PaymentStreamCapRateBuySideCodeSet:

---

Code	Name	Description
1	Buyer	Buyer of the trade
2	Seller	Seller of the trade

---

Used in components: [DividendAccrualFloatingRate](#)

### **170.2.784 DividendCashEquivalentPercentage**

Declared cash-equivalent dividend percentage.

A value of 5% would be represented as "0.05".

Type: [Percentage](#)

Used in components: [DividendConditions](#)

### **170.2.785 DividendCashPercentage**

Declared cash dividend percentage.

A value of 5% would be represented as "0.05".

Type: [Percentage](#)

Used in components: [DividendConditions](#)

### **170.2.786 DividendComposition**

Defines how the composition of dividends is to be determined.

Type: [int](#)

Allowed values in DividendCompositionCodeSet:

---

Code	Name	Description
0	EquityAmountReceiver	Equity amount receiver election. The equity amount receiver determines the composition of dividends (subject to conditions).

---

Code	Name	Description
1	CalculationAgent	Calculation agent election. The calculation agent determines the composition of dividends (subject to conditions).

Used in components: [DividendConditions](#)

### 170.2.787 DividendCompoundingMethod

The compounding method to be used when more than one dividend period contributes to a single payment.

Type: `int`

Allowed values in PaymentStreamCompoundingMethodCodeSet:

Code	Name	Description
0	None	None
1	Flat	Flat
2	Straight	Straight
3	SpreadExclusive	Spread exclusive

Used in components: [DividendConditions](#)

### 170.2.788 DividendConditions

The DividendConditions component is a subcomponent of PaymentStream used to specify the conditions' valuations and dates governing the payment of dividends.

Name	Mult.	Type	Description
<a href="#">DividendReinvestmentIndicator</a>	[0..1]	Boolean	
<a href="#">DividendEntitlementEvent</a>	[0..1]	CodeSet	
<a href="#">DividendAmountType</a>	[0..1]	CodeSet	
<a href="#">DividendUnderlierRefID</a>	[0..1]	String	
<a href="#">DividendPeriodGrp</a>	[0..*]	Group	
<a href="#">ExtraordinaryDividendPartySide</a>	[0..1]	CodeSet	
<a href="#">ExtraordinaryDividendAmountType</a>	[0..1]	CodeSet	

Name	Mult.	Type	Description
ExtraordinaryDividendCurrency	[0..1]	Currency	
ExtraordinaryDividendDetermination-Method	[0..1]	String	
DividendFXTriggerDate	[0..1]	Component	
DividendAccrualFloatingRate	[0..1]	Component	
DividendAccrualFixedRate	[0..1]	Percentage	
DividendAccrualPaymentDate	[0..1]	Component	
DividendCompoundingMethod	[0..1]	CodeSet	
DividendNumOfIndexUnits	[0..1]	int	
DividendCashPercentage	[0..1]	Percentage	
DividendCashEquivalentPercentage	[0..1]	Percentage	
NonCashDividendTreatment	[0..1]	CodeSet	
DividendComposition	[0..1]	CodeSet	
SpecialDividendsIndicator	[0..1]	Boolean	
MaterialDividendsIndicator	[0..1]	Boolean	
OptionsExchangeDividendsIndicator	[0..1]	Boolean	
AdditionalDividendsIndicator	[0..1]	Boolean	
AllDividendsIndicator	[0..1]	Boolean	

Used in components: [PaymentStreamFloatingRate](#)

### 170.2.789 DividendEntitlementEvent

Defines the contract event which the receiver of the derivative is entitled to the dividend.

Type: [int](#)

Allowed values in DividendEntitlementEventCodeSet:

Code	Name	Description
0	ExDate	Ex-date. Dividend entitlement is on the dividend ex-date.
1	RecordDate	Record date. Dividend entitlement is on the dividend record date.

Used in components: [DividendConditions](#)

**170.2.790 DividendFinalRatePrecision**

Specifies the rounding precision of the final rate in terms of a number of decimal places. Note how a percentage rate rounding of 5 decimal places is expressed as a rounding precision of 7.

Type: **int**

Used in components: **DividendAccrualFloatingRate**

**170.2.791 DividendFinalRateRoundingDirection**

Specifies the rounding direction of the final rate.

Type: **char**

Allowed values in RoundingDirectionCodeSet:

---

Code	Name	Description
0	RoundToNearest	Round to nearest
1	RoundDown	Round down
2	RoundUp	Round up

---

Used in components: **DividendAccrualFloatingRate**

**170.2.792 DividendFloatingRateIndex**

The dividend accrual floating rate index.

Type: **String**

Used in components: **DividendAccrualFloatingRate**

**170.2.793 DividendFloatingRateIndexCurvePeriod**

Time unit multiplier for the dividend accrual floating rate index curve.

Type: **int**

Used in components: **DividendAccrualFloatingRate**

**170.2.794 DividendFloatingRateIndexCurveUnit**

Time unit associated with the dividend accrual floating rate index curve period.

Type: **String**

Allowed values in PaymentStreamRateIndexCurveUnitCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
D	Day	Day
Wk	Week	Week
Mo	Month	Month
Yr	Year	Year

---

Used in components: **DividendAccrualFloatingRate**

**170.2.795 DividendFloatingRateMultiplier**

A rate multiplier to apply to the floating rate. The multiplier can be less than or greater than 1 (one). This should only be included if the multiplier is not equal to 1 (one) for the term of the contract.

Type: **float**

Used in components: **DividendAccrualFloatingRate**

**170.2.796 DividendFloatingRateSpread**

The basis points spread from the index specified in DividendFloatingRateIndex(42218).

Type: **PriceOffset**

Used in components: **DividendAccrualFloatingRate**

**170.2.797 DividendFloatingRateSpreadPositionType**

Identifies whether the rate spread is applied to a long or short position.

Type: **int**

Allowed values in PaymentStreamRateSpreadPositionTypeCodeSet:

---

Code	Name	Description
0	Short	Short
1	Long	Long

---

Used in components: [DividendAccrualFloatingRate](#)

### 170.2.798 DividendFloatingRateTreatment

Specifies the yield calculation treatment for the index.

Type: [int](#)

Allowed values in PaymentStreamRateTreatmentCodeSet:

---

Code	Name	Description
0	BondEquivalentYield	Bond equivalent yield
1	MoneyMarketYield	Money market yield

---

Used in components: [DividendAccrualFloatingRate](#)

### 170.2.799 DividendFloorRate

The floor rate, if any, which applies to the floating rate. The floor rate (strike) is only required where the floating rate is floored at a certain strike level. The floor rate is assumed to be exclusive of any spread and is a per annum rate. The rate is expressed as a decimal, e.g. 5% is represented as "0.05".

Type: [Percentage](#)

Used in components: [DividendAccrualFloatingRate](#)

### 170.2.800 DividendFloorRateBuySide

Reference to the buyer of the floor rate option through its trade side.

Type: [int](#)

Allowed values in PaymentStreamFloorRateBuySideCodeSet:

---

Code	Name	Description
1	Buyer	Buyer of the trade
2	Seller	Seller of the trade

---

Used in components: [DividendAccrualFloatingRate](#)

### 170.2.801 DividendFloorRateSellSide

Reference to the seller of the floor rate option through its trade side.

Type: [int](#)

Allowed values in PaymentStreamFloorRateBuySideCodeSet:

---

Code	Name	Description
1	Buyer	Buyer of the trade
2	Seller	Seller of the trade

---

Used in components: [DividendAccrualFloatingRate](#)

### 170.2.802 DividendFXTriggerDateAdjusted

The adjusted FX trigger date.

Type: [LocalMktDate](#)

Used in components: [DividendFXTriggerDate](#)

### 170.2.803 DividendFXTriggerDateBusinessCenter

The business center calendar used for date adjustment of the instrument's FX trigger date, e.g. "GBLO".

See <http://www.fpml.org/coding-scheme/business-center> for standard 4-character code values.

Type: [String](#)

Used in groups: [DividendFXTriggerDateBusinessCenterGrp](#)

### 170.2.804 DividendFXTriggerDateBusinessCenterGrp

DividendFXTriggerDateBusinessCenterGrp is a repeating subcomponent within the DividendFXTriggerDate component. It is used to specify the set of business centers whose calendars drive the date adjustment.

Name	Mult.	Type	Description
NoDividendFXTriggerDateBusinessCenters	[1..1]	NumInGroup	
DividendFXTriggerDateBusinessCenter	[0..1]	String	Required if NoDividendFXTriggerDateBusinessCenters(42272) > 0.

Used in components: [DividendFXTriggerDate](#)

### 170.2.805 DividendFXTriggerDateBusinessDayConvention

The business day convention used for the FX trigger date adjustment.

Type: [int](#)

Allowed values in BusinessDayConventionCodeSet:

Code	Name	Description
0	NotApplicable	Not applicable. Business day convention is not applicable.
1	None	None (current day)
2	FollowingDay	Following day. The following business day.
3	FloatingRateNote	Floating rate note. The FRN business day convention.
4	ModifiedFollowingDay	Modified following day. The modified following business day.
5	PrecedingDay	Preceding day. The preceding business day.
6	ModifiedPrecedingDay	Modified preceding day. The modified preceding business day.
7	NearestDay	Nearest day. The nearest applicable business day.

Used in components: [DividendFXTriggerDate](#)

### 170.2.806 DividendFXTriggerDate

The DividendFXTriggerDate component is a subcomponent of DividendConditions used to report the dividend date when a foreign exchange trade is triggered.



Name	Mult.	Type	Description
DividendFXTriggerDateRelativeTo	[0..1]	int	
DividendFXTriggerDateOffsetPeriod	[0..1]	int	Conditionally required when DividendFXTriggerDateOffsetUnit(42267) is specified.
DividendFXTriggerDateOffsetUnit	[0..1]	CodeSet	Conditionally required when DividendFXTriggerDateOffsetPeriod(42266) is specified.
DividendFXTriggerDateOffsetDayType	[0..1]	CodeSet	
DividendFXTriggerDateUnadjusted	[0..1]	LocalMktDate	
DividendFXTriggerDateBusinessDay-Convention	[0..1]	CodeSet	When specified, this overrides the business day convention defined in the DateAdjustment component in Instrument. The value would be specific to this instance of DividendFXTriggerDate.
DividendFXTriggerDateBusinessCenterGrp	[0..*]	Group	When specified, this overrides the business centers defined in the DateAdjustment component in Instrument. The values would be specific to this instance of DividendFXTriggerDate.
DividendFXTriggerDateAdjusted	[0..1]	LocalMktDate	

Used in components: [DividendConditions](#)

### 170.2.807 DividendFXTriggerDateOffsetDayType

Specifies the day type of the relative FX trigger date offset.

Type: [int](#)

Allowed values in PaymentStreamPaymentDateOffsetDayTypeCodeSet:

Code	Name	Description
0	Business	Business
1	Calendar	Calendar
2	CommodityBusiness	Commodity business
3	CurrencyBusiness	Currency business
4	ExchangeBusiness	Exchange business
5	ScheduledTradingDay	Scheduled trading day

Used in components: [DividendFXTriggerDate](#)

**170.2.808 DividendFXTriggerDateOffsetPeriod**

Time unit multiplier for the relative FX trigger date offset.

Type: **int**

Used in components: **DividendFXTriggerDate**

**170.2.809 DividendFXTriggerDateOffsetUnit**

Time unit associated with the relative FX trigger date offset.

Type: **String**

Allowed values in PaymentStreamPaymentDateOffsetUnitCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
D	Day	Day
Wk	Week	Week
Mo	Month	Month
Yr	Year	Year

---

Used in components: **DividendFXTriggerDate**

**170.2.810 DividendFXTriggerDateRelativeTo**

Specifies the anchor date when the FX trigger date is relative to an anchor date.

See [http://www.fixtradingcommunity.org/codelists#Relative\\_To\\_Date](http://www.fixtradingcommunity.org/codelists#Relative_To_Date) for values.

Type: **int**

Used in components: **DividendFXTriggerDate**

**170.2.811 DividendFXTriggerDateUnadjusted**

The unadjusted FX trigger date.

Type: **LocalMktDate**

Used in components: **DividendFXTriggerDate**

**170.2.812 DividendInitialRate**

The initial floating rate reset agreed between the principal parties involved in the trade. This is assumed to be the first required reset rate for the first regular calculation period. It should only be included when the rate is not equal to the rate published on the source implied by the floating rate index. The initial rate is expressed in decimal form, e.g. 5% is represented as "0.05".

Type: **Percentage**

Used in components: **DividendAccrualFloatingRate**

**170.2.813 DividendNegativeRateTreatment**

The specification of any provisions for calculating payment obligations when a floating rate is negative (either due to a quoted negative floating rate or by operation of a spread that is subtracted from the floating rate).

Type: **int**

Allowed values in PaymentStreamNegativeRateTreatmentCodeSet:

Code	Name	Description
0	ZeroInterestRateMethod	Zero interest rate method
1	NegativeInterestRateMethod	Negative interest rate method

Used in components: **DividendAccrualFloatingRate**

**170.2.814 DividendNumOfIndexUnits**

The number of index units applicable to dividends.

Type: **int**

Used in components: **DividendConditions**

**170.2.815 DividendPeriodBusinessCenter**

The business center calendar used for date adjustment of the instrument's dividend period date, e.g. "GBLO".

See <http://www.fpml.org/coding-scheme/business-center> for standard 4-character code values.

Type: **String**

Used in groups: **DividendPeriodBusinessCenterGrp**

### 170.2.816 DividendPeriodBusinessCenterGrp

DividendPeriodBusinessCenterGrp is a repeating subcomponent within the DividendPeriodGrp component. It is used to specify the set of business centers whose calendars drive the date adjustment.

Name	Mult.	Type	Description
NoDividendPeriodBusinessCenters	[1..1]	NumInGroup	
DividendPeriodBusinessCenter	[0..1]	String	Required if NoDividendPeriodBusinessCenters(42294) > 0.

Used in groups: **DividendPeriodGrp**

### 170.2.817 DividendPeriodBusinessDayConvention

The dividend period dates business day convention.

Type: **int**

Allowed values in BusinessDayConventionCodeSet:

Code	Name	Description
0	NotApplicable	Not applicable. Business day convention is not applicable.
1	None	None (current day)
2	FollowingDay	Following day. The following business day.
3	FloatingRateNote	Floating rate note. The FRN business day convention.
4	ModifiedFollowingDay	Modified following day. The modified following business day.
5	PrecedingDay	Preceding day. The preceding business day.
6	ModifiedPrecedingDay	Modified preceding day. The modified preceding business day.
7	NearestDay	Nearest day. The nearest applicable business day.

Used in groups: **DividendPeriodGrp**

**170.2.818 DividendPeriodEndDateUnadjusted**

The unadjusted date on which the dividend period will end.

Type: [LocalMktDate](#)

Used in groups: [DividendPeriodGrp](#)

**170.2.819 DividendPeriodGrp**

DividendPeriodGrp is a repeating subcomponent within the DividendConditions component. It is used to specify the valuation and payments dates of the dividend leg of a dividend swap.

Name	Mult.	Type	Description
<a href="#">NoDividendPeriods</a>	[1..1]	NumInGroup	
<a href="#">DividendPeriodSequence</a>	[0..1]	int	Required if <a href="#">NoDividendPeriods(42274)</a> > 0.
<a href="#">DividendPeriodStartDateUnadjusted</a>	[0..1]	LocalMktDate	
<a href="#">DividendPeriodEndDateUnadjusted</a>	[0..1]	LocalMktDate	
<a href="#">DividendPeriodUnderlierRefID</a>	[0..1]	String	When specified, this overrides <a href="#">DividendUnderlierRefID(42248)</a> . The specified value would be specific to this dividend period instance.
<a href="#">DividendPeriodStrikePrice</a>	[0..1]	Price	
<a href="#">DividendPeriodBusinessDayConvention</a>	[0..1]	CodeSet	When specified, this overrides the business day convention defined in the <a href="#">DateAdjustment</a> component in Instrument. The specified value would be specific to this dividend period instance.
<a href="#">DividendPeriodBusinessCenterGrp</a>	[0..*]	Group	When specified, this overrides the business centers defined in the <a href="#">DateAdjustment</a> component in Instrument. The specified values would be specific to this dividend period instance.
<a href="#">DividendPeriodValuationDateUnadjusted</a>	[0..1]	LocalMktDate	
<a href="#">DividendPeriodValuationDateRelativeTo</a>	[0..1]	int	
<a href="#">DividendPeriodValuationDateOffsetPeriod</a>	[0..1]	int	Conditionally required when <a href="#">DividendPeriodValuationDateOffsetUnit(42284)</a> is specified.
<a href="#">DividendPeriodValuationDateOffsetUnit</a>	[0..1]	CodeSet	Conditionally required when <a href="#">DividendPeriodValuationDateOffsetPeriod(42283)</a> is specified.

Name	Mult.	Type	Description
DividendPeriodValuationDateOffset-DayType	[0..1]	CodeSet	
DividendPeriodValuationDateAdjusted	[0..1]	LocalMktDate	
DividendPeriodPaymentDateUnadjusted	[0..1]	LocalMktDate	
DividendPeriodPaymentDateRelativeTo	[0..1]	int	
DividendPeriodPaymentDateOffsetPeriod	[0..1]	int	Conditionally required when DividendPeriodPaymentDateOffsetUnit(42290) is specified.
DividendPeriodPaymentDateOffsetUnit	[0..1]	CodeSet	Conditionally required when DividendPeriodPaymentDateOffsetPeriod(42289) is specified.
DividendPeriodPaymentDateOffset-DayType	[0..1]	CodeSet	
DividendPeriodPaymentDateAdjusted	[0..1]	LocalMktDate	
DividendPeriodXID	[0..1]	XID	

Used in components: [DividendConditions](#)

### 170.2.820 DividendPeriodPaymentDateAdjusted

The adjusted dividend period payment date.

Type: [LocalMktDate](#)

Used in groups: [DividendPeriodGrp](#)

### 170.2.821 DividendPeriodPaymentDateOffsetDayType

Specifies the day type of the relative dividend period payment date offset.

Type: [int](#)

Allowed values in PaymentStreamPaymentDateOffsetDayTypeCodeSet:

Code	Name	Description
0	Business	Business

---

Code	Name	Description
1	Calendar	Calendar
2	CommodityBusiness	Commodity business
3	CurrencyBusiness	Currency business
4	ExchangeBusiness	Exchange business
5	ScheduledTradingDay	Scheduled trading day

---

Used in groups: [DividendPeriodGrp](#)

#### **170.2.822 DividendPeriodPaymentDateOffsetPeriod**

Time unit multiplier for the relative dividend period payment date offset.

Type: [int](#)

Used in groups: [DividendPeriodGrp](#)

#### **170.2.823 DividendPeriodPaymentDateOffsetUnit**

Time unit associated with the relative dividend period payment date offset.

Type: [String](#)

Allowed values in PaymentStreamPaymentDateOffsetUnitCodeSet:

---

Code	Name	Description
D	Day	Day
Wk	Week	Week
Mo	Month	Month
Yr	Year	Year

---

Used in groups: [DividendPeriodGrp](#)

#### **170.2.824 DividendPeriodPaymentDateRelativeTo**

Specifies the anchor date when the dividend period payment date is relative to an anchor date.

See [http://www.fixtradingcommunity.org/codelists#Relative\\_To\\_Date](http://www.fixtradingcommunity.org/codelists#Relative_To_Date) for values.

Type: **int**

Used in groups: **DividendPeriodGrp**

#### **170.2.825 DividendPeriodPaymentDateUnadjusted**

The unadjusted dividend period payment date.

Type: **LocalMktDate**

Used in groups: **DividendPeriodGrp**

#### **170.2.826 DividendPeriodSequence**

Defines the ordinal dividend period. E.g. 1 = First period, 2 = Second period, etc.

Type: **int**

Used in groups: **DividendPeriodGrp**

#### **170.2.827 DividendPeriodStartDateUnadjusted**

The unadjusted date on which the dividend period will begin.

Type: **LocalMktDate**

Used in groups: **DividendPeriodGrp**

#### **170.2.828 DividendPeriodStrikePrice**

Specifies the fixed strike price of the dividend period.

Type: **Price**

Used in groups: **DividendPeriodGrp**

#### **170.2.829 DividendPeriodUnderlierRefID**

References the dividend underlier through the instrument's UnderlyingSecurityID(309) which must be fully specified in an instance of the UnderlyingInstrument component.

Type: **String**

Used in groups: **DividendPeriodGrp**



**170.2.830 DividendPeriodValuationDateAdjusted**

The adjusted dividend period valuation date.

Type: **LocalMktDate**

Used in groups: **DividendPeriodGrp**

**170.2.831 DividendPeriodValuationDateOffsetDayType**

Specifies the day type of the relative dividend period valuation date offset.

Type: **int**

Allowed values in PaymentStreamPaymentDateOffsetDayTypeCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	Business	Business
1	Calendar	Calendar
2	CommodityBusiness	Commodity business
3	CurrencyBusiness	Currency business
4	ExchangeBusiness	Exchange business
5	ScheduledTradingDay	Scheduled trading day

---

Used in groups: **DividendPeriodGrp**

**170.2.832 DividendPeriodValuationDateOffsetPeriod**

Time unit multiplier for the relative dividend period valuation date offset.

Type: **int**

Used in groups: **DividendPeriodGrp**

**170.2.833 DividendPeriodValuationDateOffsetUnit**

Time unit associated with the relative dividend period valuation date offset.

Type: **String**

Allowed values in PaymentStreamPaymentDateOffsetUnitCodeSet:

---

Code	Name	Description
D	Day	Day
Wk	Week	Week
Mo	Month	Month
Yr	Year	Year

---

Used in groups: [DividendPeriodGrp](#)

#### **170.2.834 DividendPeriodValuationDateRelativeTo**

Specifies the anchor date when the dividend period valuation date is relative to an anchor date.

See [http://www.fixtradingcommunity.org/codelists#Relative\\_To\\_Date](http://www.fixtradingcommunity.org/codelists#Relative_To_Date) for values.

Type: [int](#)

Used in groups: [DividendPeriodGrp](#)

#### **170.2.835 DividendPeriodValuationDateUnadjusted**

The unadjusted dividend period valuation date.

Type: [LocalMktDate](#)

Used in groups: [DividendPeriodGrp](#)

#### **170.2.836 DividendPeriodXID**

Identifier for linking this stream dividend period to an underlier through an instance of RelatedInstrumentGrp.

Type: [XID](#)

Used in groups: [DividendPeriodGrp](#)

#### **170.2.837 DividendReinvestmentIndicator**

Indicates whether the dividend will be reinvested.

Type: [Boolean](#)

Used in components: [DividendConditions](#)

**170.2.838 DividendUnderlierRefID**

References the dividend underlier through the instrument's UnderlyingSecurityID(309) which must be fully specified in an instance of the UnderlyingInstrument component.

Type: **String**

Used in components: **DividendConditions**

**170.2.839 DividendYield**

The continuously-compounded annualized dividend yield of the underlying(s) of an option. Used as a parameter to theoretical option pricing models.

Type: **Percentage**

Used in messages: **ExecutionReport, TradeCaptureReport**

**170.2.840 DKReason**

Reason for execution rejection.

Type: **char**

Allowed values in DKReasonCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
A	UnknownSymbol	Unknown security
B	WrongSide	Wrong side
C	QuantityExceedsOrder	Quantity exceeds order
D	NoMatchingOrder	No matching order
E	PriceExceedsLimit	Price exceeds limit
F	CalculationDifference	Calculation difference
G	NoMatchingExecutionReport	No matching ExecutionReport(35=8)
Z	Other	Other

---

Used in messages: **DontKnowTrade, ExecutionAck**

**170.2.841 DlvInstGrp**

Name	Mult.	Type	Description
NoDlvInst	[1..1]	NumInGroup	
SettlInstSource	[0..1]	CodeSet	
DlvInstType	[0..1]	CodeSet	
SettlParties	[0..*]	Group	

Used in components: [SettlInstructionsData](#)

**170.2.842 DlvInstType**

Used to indicate whether a delivery instruction is used for securities or cash settlement.

Type: [char](#)

Allowed values in DlvInstTypeCodeSet:

Code	Name	Description
C	Cash	Cash
S	Securities	Securities

Used in groups: [DlvInstGrp](#)

**170.2.843 DocumentationText**

A sentence or phrase pertinent to the trade, not a reference to an external document. E.g. "To be registered with the U.S. Environmental Protection Agency, Acid Rain Division, SO2 Allowance Tracking System"

Type: [String](#)

Used in components: [FinancingDetails](#)

**170.2.844 DueToRelated**

Indicates whether or not the halt was due to the Related Security being halted.

Type: **Boolean**

Allowed values in DueToRelatedCodeSet:

Code	Name	Description
N	NotRelatedToSecurityHalt	Halt was not related to a halt of the related security
Y	RelatedToSecurityHalt	Halt was due to related security being halted

Used in messages: **SecurityStatus**

### 170.2.845 DuplicateCLOrdIDIndicator

Used to indicate that a CLOrdID(11) value is an intentional duplicate of a previously sent value. Allows to avoid the rejection of an order with OrdRejReason(103) = 6 (Duplicate Order).

Type: **Boolean**

Allowed values in DuplicateCLOrdIDIndicatorCodeSet:

Code	Name	Description
N	UniqueCLOrdID	Unique CLOrdID(11)
Y	DuplicateCLOrdID	Duplicate CLOrdID(11)

Used in messages: **NewOrderSingle, OrderCancelReplaceRequest**

### 170.2.846 EffectiveBusinessDate

Specifies an explicit business date for associated reference data or transaction. Used when an implicit date is not sufficiently specific.

Type: **LocalMktDate**

Used in messages: **MarketDefinition, MarketDefinitionUpdateReport, PartyActionReport, SecurityDefinition, SecurityDefinitionUpdateReport**

### 170.2.847 EffectiveTime

Time the details within the message should take effect (always expressed in UTC (Universal Time Coordinated, also known as "GMT"))

Type: **UTCTimestamp**

Used in groups: **ListOrdGrp, SettlInstGrp, SettlObligationInstructions**

Used in messages: **CrossOrderCancelReplaceRequest, ExecutionReport, MultilegOrderCancelReplace, NewOrderCross, NewOrderMultileg, NewOrderSingle, OrderCancelReplaceRequest, SettlementInstructionRequest**

### **170.2.848 EFPTrackingError**

Eg Used in EFP trades 2% (EFP - Exchange for Physical ). Represented as a percentage.

Type: **Percentage**

Used in groups: **BidDescReqGrp**

### **170.2.849 EmailThreadID**

Unique identifier for an email thread (new and chain of replies)

Type: **String**

Used in messages: **Email**

### **170.2.850 EmailType**

Email message type.

Type: **char**

Allowed values in EmailTypeCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	New	New
1	Reply	Reply
2	AdminReply	Admin Reply

---

Used in messages: **Email**

**170.2.851 EncodedAdditionalTermBondDesc**

Encoded (non-ASCII characters) representation of the AdditionalTermBondDesc(40003) field in the encoded format specified via the MessageEncoding (347) field. If used, the ASCII (English) representation should also be specified in the AdditionalTermBondDesc(40003) field.

Type: **data**

Used in groups: **AdditionalTermBondRefGrp**

**170.2.852 EncodedAdditionalTermBondDescLen**

Byte length of encoded (non-ASCII characters) EncodedAdditionalTermBondDesc(40005) field.

Type: **Length**

Used in groups: **AdditionalTermBondRefGrp**

**170.2.853 EncodedAdditionalTermBondIssuer**

Encoded (non-ASCII characters) representation of the AdditionalTermBondIssuer(40007) field in the encoded format specified via the MessageEncoding (347) field. If used, the ASCII (English) representation should also be specified in the AdditionalTermBondIssuer(40007) field.

Type: **data**

Used in groups: **AdditionalTermBondRefGrp**

**170.2.854 EncodedAdditionalTermBondIssuerLen**

Byte length of encoded (non-ASCII characters) EncodedAdditionalTermBondIssuer(40009) field.

Type: **Length**

Used in groups: **AdditionalTermBondRefGrp**

**170.2.855 EncodedAllocCommissionDesc**

Encoded (non-ASCII characters) representation of the AllocCommissionDesc(2664) field in the encoded format specified via the MessageEncoding(347) field. If used, the ASCII (English) representation should also be specified in the AllocCommissionDesc(2664) field.

Type: **data**

Used in groups: [AllocCommissionDataGrp](#)

#### **170.2.856 EncodedAllocCommissionDescLen**

Byte length of the encoded (non-ASCII characters) EncodedAllocCommissionDesc(2666) field.

Type: [Length](#)

Used in groups: [AllocCommissionDataGrp](#)

#### **170.2.857 EncodedAllocText**

Encoded (non-ASCII characters) representation of the AllocText (161) field in the encoded format specified via the MessageEncoding (347) field. If used, the ASCII (English) representation should also be specified in the AllocText field.

Type: [data](#)

Used in groups: [AllocAckGrp](#), [AllocGrp](#), [TrdAllocGrp](#)

#### **170.2.858 EncodedAllocTextLen**

Byte length of encoded (non-ASCII characters) EncodedAllocText (361) field.

Type: [Length](#)

Used in groups: [AllocAckGrp](#), [AllocGrp](#), [TrdAllocGrp](#)

#### **170.2.859 EncodedAttachment**

The content of the attachment in the encoding format specified in the AttachmentEncodingType(2109) field.

Type: [data](#)

Used in groups: [AttachmentGrp](#)

#### **170.2.860 EncodedAttachmentLen**

Byte length of encoded the EncodedAttachment(2112) field.

Type: [Length](#)

Used in groups: [AttachmentGrp](#)



**170.2.861 EncodedCancelText**

Encoded (non-ASCII characters) representation of the CancelText(2807) field in the encoded format specified via the MessageEncoding(347) field. If used, the ASCII (English) representation should also be specified in the CancelText(2807) field.

Type: **data**

Used in messages: **PayManagementRequest**

**170.2.862 EncodedCancelTextLen**

Byte length of encoded (non-ASCII characters) EncodedCancelText(2808) field.

Type: **Length**

Used in messages: **PayManagementRequest**

**170.2.863 EncodedCommissionDesc**

Encoded (non-ASCII characters) representation of the CommissionDesc(2650) field in the encoded format specified via the MessageEncoding(347) field. If used, the ASCII (English) representation should also be specified in the CommissionDesc(2650) field.

Type: **data**

Used in groups: **CommissionDataGrp**

**170.2.864 EncodedCommissionDescLen**

Byte length of the encoded (non-ASCII characters) EncodedCommissionDesc(2652) field.

Type: **Length**

Used in groups: **CommissionDataGrp**

**170.2.865 EncodedComplianceText**

Encoded (non-ASCII characters) representation of the ComplianceText(2404) field in the encoded format specified via the MessageEncoding (347) field. If used, the ASCII (English) representation should also be specified in the ComplianceText(2404) field.

Type: **data**

Used in groups: [ListOrdGrp](#), [SideCrossOrdCxlGrp](#), [TrdCapRptAckSideGrp](#), [TrdCapRptSideGrp](#), [TrdMatchSideGrp](#)

Used in messages: [ExecutionReport](#), [MassQuote](#), [MassQuoteAck](#), [MultilegOrderCancelReplace](#), [NewOrderMultileg](#), [NewOrderSingle](#), [OrderCancelReplaceRequest](#), [OrderCancelRequest](#), [OrderMassActionReport](#), [OrderMassActionRequest](#), [Quote](#), [QuoteRequest](#), [SecurityDefinitionRequest](#)

#### **170.2.866 EncodedComplianceTextLen**

Byte length of encoded (non-ASCII characters) [EncodedComplianceText\(2352\)](#) field.

Type: [Length](#)

Used in groups: [ListOrdGrp](#), [SideCrossOrdCxlGrp](#), [TrdCapRptAckSideGrp](#), [TrdCapRptSideGrp](#), [TrdMatchSideGrp](#)

Used in messages: [ExecutionReport](#), [MassQuote](#), [MassQuoteAck](#), [MultilegOrderCancelReplace](#), [NewOrderMultileg](#), [NewOrderSingle](#), [OrderCancelReplaceRequest](#), [OrderCancelRequest](#), [OrderMassActionReport](#), [OrderMassActionRequest](#), [Quote](#), [QuoteRequest](#), [SecurityDefinitionRequest](#)

#### **170.2.867 EncodedDeliveryStreamCycleDesc**

Encoded (non-ASCII characters) representation of the [DeliveryStreamCycleDesc\(41082\)](#) field in the encoded format specified via the [MessageEncoding\(347\)](#) field. If used, the ASCII (English) representation should also be specified in the [DeliveryStreamCycleDesc\(41082\)](#) field.

Type: [data](#)

Used in groups: [DeliveryStreamCycleGrp](#)

#### **170.2.868 EncodedDeliveryStreamCycleDescLen**

Byte length of encoded (non-ASCII characters) [EncodedDeliveryStreamCycleDesc\(41084\)](#) field.

Type: [Length](#)

Used in groups: [DeliveryStreamCycleGrp](#)

#### **170.2.869 EncodedDocumentationText**

Encoded (non-ASCII characters) representation of the [DocumentationText\(1513\)](#) field in the encoded format specified via the [MessageEncoding\(347\)](#) field. If used, the ASCII (English) representation should also be specified in the [DocumentationText\(1513\)](#) field.

Type: **data**

Used in components: **FinancingDetails**

#### **170.2.870 EncodedDocumentationTextLen**

Byte length of encoded (non-ASCII characters) EncodedDocumentationText(1527) field.

Type: **Length**

Used in components: **FinancingDetails**

#### **170.2.871 EncodedEventText**

Encoded (non-ASCII characters) representation of the EventText(868) field in the encoded format specified via the MessageEncoding (347) field. If used, the ASCII (English) representation should also be specified in the EventText(868) field.

Type: **data**

Used in groups: **EvntGrp**

#### **170.2.872 EncodedEventTextLen**

Byte length of encoded (non-ASCII characters) EncodedEventText(868) field.

Type: **Length**

Used in groups: **EvntGrp**

#### **170.2.873 EncodedExerciseDesc**

Encoded (non-ASCII characters) representation of the ExerciseDesc(41106) field in the encoded format specified via the MessageEncoding (347) field. If used, the ASCII (English) representation should also be specified in the ExerciseDesc(41106) field.

Type: **data**

Used in components: **OptionExercise**

**170.2.874 EncodedExerciseDescLen**

Byte length of encoded (non-ASCII characters) EncodedExerciseDesc(41102) field.

Type: **Length**

Used in components: **OptionExercise**

**170.2.875 EncodedFinancialInstrumentFullName**

Encoded (non-ASCII characters) representation of the FinancialInstrumentFullName(2714) field in the encoded format specified via the MessageEncoding(347) field. If used, the ASCII (English) representation should also be specified in the FinancialInstrumentFullName(2714) field.

Type: **data**

Used in components: **Instrument**

**170.2.876 EncodedFinancialInstrumentFullNameLen**

Byte length of encoded (non-ASCII characters) EncodedFinancialInstrumentFullName(2716) field.

Type: **Length**

Used in components: **Instrument**

**170.2.877 EncodedFirmAllocText**

Encoded (non-ASCII characters) representation of the FirmAllocText(1732) field in the encoded format specified via the MessageEncoding(347) field. If used, the ASCII (English) representation should also be specified in FirmAllocText(1732) field.

Type: **data**

Used in groups: **AllocAckGrp, AllocGrp, TrdAllocGrp**

**170.2.878 EncodedFirmAllocTextLen**

Byte length of encoded (non-ASCII characters) EncodedFirmAllocText(1734) field.

Type: **Length**

Used in groups: **AllocAckGrp, AllocGrp, TrdAllocGrp**

**170.2.879 EncodedHeadline**

Encoded (non-ASCII characters) representation of the Headline (148) field in the encoded format specified via the MessageEncoding (347) field. If used, the ASCII (English) representation should also be specified in the Headline field.

Type: **data**

Used in messages: **News**

**170.2.880 EncodedHeadlineLen**

Byte length of encoded (non-ASCII characters) EncodedHeadline (359) field.

Type: **Length**

Used in messages: **News**

**170.2.881 EncodedIssuer**

Encoded (non-ASCII characters) representation of the Issuer field in the encoded format specified via the MessageEncoding (347) field. If used, the ASCII (English) representation should also be specified in the Issuer field.

Type: **data**

Used in components: **Instrument**

**170.2.882 EncodedIssuerLen**

Byte length of encoded (non-ASCII characters) EncodedIssuer (349) field.

Type: **Length**

Used in components: **Instrument**

**170.2.883 EncodedLegAdditionalTermBondDesc**

Encoded (non-ASCII characters) representation of the LegAdditionalTermBondDesc(41319) field in the encoded format specified via the MessageEncoding (347) field. If used, the ASCII (English) representation should also be specified in the LegAdditionalTermBondDesc(41319) field.

Type: **data**

Used in groups: [LegAdditionalTermBondRefGrp](#)

#### **170.2.884 EncodedLegAdditionalTermBondDescLen**

Byte length of encoded (non-ASCII characters) EncodedLegAdditionalTermBondDesc(41321) field.

Type: [Length](#)

Used in groups: [LegAdditionalTermBondRefGrp](#)

#### **170.2.885 EncodedLegAdditionalTermBondIssuer**

Encoded (non-ASCII characters) representation of the LegAdditionalTermBondIssuer(41323) field in the encoded format specified via the MessageEncoding (347) field. If used, the ASCII (English) representation should also be specified in the LegAdditionalTermBondIssuer(41323) field.

Type: [data](#)

Used in groups: [LegAdditionalTermBondRefGrp](#)

#### **170.2.886 EncodedLegAdditionalTermBondIssuerLen**

Byte length of encoded (non-ASCII characters) EncodedLegAdditionalTermBondIssuer(41325) field.

Type: [Length](#)

Used in groups: [LegAdditionalTermBondRefGrp](#)

#### **170.2.887 EncodedLegDeliveryStreamCycleDesc**

Encoded (non-ASCII characters) representation of the LegDeliveryStreamCycleDesc(41457) field in the encoded format specified via the MessageEncoding (347) field. If used, the ASCII (English) representation should also be specified in the LegLeg DeliveryStream(41457) field.

Type: [data](#)

Used in groups: [LegDeliveryStreamCycleGrp](#)

#### **170.2.888 EncodedLegDeliveryStreamCycleDescLen**

Byte length of encoded (non-ASCII characters) EncodedLegDeliveryStreamCycleDesc(41459) field.

Type: **Length**

Used in groups: **LegDeliveryStreamCycleGrp**

#### **170.2.889 EncodedLegDocumentationText**

Encoded (non-ASCII characters) representation of the LegDocumentationText(2505) field in the encoded format specified via the MessageEncoding(347) field. If used, the ASCII (English) representation should also be specified in the LegDocumentationText(2505) field.

Type: **data**

Used in components: **LegFinancingDetails**

#### **170.2.890 EncodedLegDocumentationTextLen**

Byte length of encoded (non-ASCII characters) EncodedLegDocumentationText(2493) field.

Type: **Length**

Used in components: **LegFinancingDetails**

#### **170.2.891 EncodedLegEventText**

Encoded (non-ASCII characters) representation of the LegEventText(2066) field in the encoded format specified via the MessageEncoding (347) field. If used, the ASCII (English) representation should also be specified in the LegEventText(2066) field.

Type: **data**

Used in groups: **LegEvntGrp**

#### **170.2.892 EncodedLegEventTextLen**

Byte length of encoded (non-ASCII characters) EncodedLegEventText(2075) field.

Type: **Length**

Used in groups: **LegEvntGrp**

**170.2.893 EncodedLegExerciseDesc**

Encoded (non-ASCII characters) representation of the LegExerciseDesc(41481) field in the encoded format specified via the MessageEncoding (347) field. If used, the ASCII (English) representation should also be specified in the LegExerciseDesc(41481) field.

Type: **data**

Used in components: **LegOptionExercise**

**170.2.894 EncodedLegExerciseDescLen**

Byte length of encoded (non-ASCII characters) EncodedLegExerciseDesc(41483) field.

Type: **Length**

Used in components: **LegOptionExercise**

**170.2.895 EncodedLegFinancialInstrumentFullName**

Encoded (non-ASCII characters) representation of the LegFinancialInstrumentFullName(2717) field in the encoded format specified via the MessageEncoding(347) field. If used, the ASCII (English) representation should also be specified in the LegFinancialInstrumentFullName(2717) field.

Type: **data**

Used in components: **InstrumentLeg**

**170.2.896 EncodedLegFinancialInstrumentFullNameLen**

Byte length of encoded (non-ASCII characters) individual multileg instrument's EncodedLegFinancialInstrumentFullName(2719).

Type: **Length**

Used in components: **InstrumentLeg**

**170.2.897 EncodedLegIssuer**

Multileg instrument's individual security's EncodedIssuer.

See EncodedIssuer (349) field for description



Type: **data**

Used in components: **InstrumentLeg**

### **170.2.898 EncodedLegIssuerLen**

Multileg instrument's individual security's EncodedIssuerLen.

See EncodedIssuerLen (348) field for description

Type: **Length**

Used in components: **InstrumentLeg**

### **170.2.899 EncodedLegMarketDisruptionFallbackUnderlierSecurityDesc**

Encoded (non-ASCII characters) representation of the LegMarketDisruptionFallbackUnderlierSecurityDesc(41475) field in the encoded format specified via the MessageEncoding (347) field. If used, the ASCII (English) representation should also be specified in the LegMarketDisruptionFallbackUnderlierSecurityDesc(41475) field.

Type: **data**

Used in groups: **LegMarketDisruptionFallbackReferencePriceGrp**

### **170.2.900 EncodedLegMarketDisruptionFallbackUnderlierSecurityDescLen**

Byte length of encoded (non-ASCII characters) EncodedLegMarketDisruptionFallbackUnderlierSecurityDesc (41477) field.

Type: **Length**

Used in groups: **LegMarketDisruptionFallbackReferencePriceGrp**

### **170.2.901 EncodedLegOptionExpirationDesc**

Encoded (non-ASCII characters) representation of the LegOptionExpirationDesc(2178) field in the encoded format specified via the MessageEncoding (347) field. If used, the ASCII (English) representation should also be specified in the LegOptionExpirationDesc(2178).

Type: **data**

Used in components: **InstrumentLeg**

### **170.2.902 EncodedLegOptionExpirationDescLen**

Byte length of encoded (non-ASCII characters) EncodedLegOptionExpirationDesc(2180) field.

Type: **Length**

Used in components: **InstrumentLeg**

### **170.2.903 EncodedLegProvisionText**

Encoded (non-ASCII characters) representation of the LegProvisionText(40472) field in the encoded format specified via the MessageEncoding (347) field. If used, the ASCII (English) representation should also be specified in the LegProvisionText(40472) field.

Type: **data**

Used in groups: **LegProvisionGrp**

### **170.2.904 EncodedLegProvisionTextLen**

Byte length of encoded (non-ASCII characters) EncodedLegProvisionText(40472) field.

Type: **Length**

Used in groups: **LegProvisionGrp**

### **170.2.905 EncodedLegSecurityDesc**

Multileg instrument's individual security's EncodedSecurityDesc.

See EncodedSecurityDesc (35) field for description

Type: **data**

Used in components: **InstrumentLeg**

### **170.2.906 EncodedLegSecurityDescLen**

Multileg instrument's individual security's EncodedSecurityDescLen.

See EncodedSecurityDescLen (350) field for description

Type: **Length**

Used in components: **InstrumentLeg**

**170.2.907 EncodedLegStreamCommodityDesc**

Encoded (non-ASCII characters) representation of the LegStreamCommodityDesc(41652) field in the encoded format specified via the MessageEncoding (347) field. If used, the ASCII (English) representation should also be specified in the LegStreamCommodityDesc(41652) field.

Type: **data**

Used in components: **LegStreamCommodity**

**170.2.908 EncodedLegStreamCommodityDescLen**

Byte length of encoded (non-ASCII characters) EncodedLegStreamCommodityDesc(41654) field.

Type: **Length**

Used in components: **LegStreamCommodity**

**170.2.909 EncodedLegStreamText**

Encoded (non-ASCII characters) representation of the LegStreamText(40248) field in the encoded format specified via the MessageEncoding (347) field. If used, the ASCII (English) representation should also be specified in the LegStreamText(40248) field.

Type: **data**

Used in groups: **LegStreamGrp**

**170.2.910 EncodedLegStreamTextLen**

Byte length of encoded (non-ASCII characters) EncodedLegStreamText(40979) field.

Type: **Length**

Used in groups: **LegStreamGrp**

**170.2.911 EncodedListExecInst**

Encoded (non-ASCII characters) representation of the ListExecInst (69) field in the encoded format specified via the MessageEncoding (347) field. If used, the ASCII (English) representation should also be specified in the ListExecInst field.

Type: **data**

Used in messages: [NewOrderList](#)

#### **170.2.912 EncodedListExecInstLen**

Byte length of encoded (non-ASCII characters) EncodedListExecInst (353) field.

Type: [Length](#)

Used in messages: [NewOrderList](#)

#### **170.2.913 EncodedListStatusText**

Encoded (non-ASCII characters) representation of the ListStatusText (444) field in the encoded format specified via the MessageEncoding (347) field. If used, the ASCII (English) representation should also be specified in the ListStatusText field.

Type: [data](#)

Used in messages: [ListStatus](#)

#### **170.2.914 EncodedListStatusTextLen**

Byte length of encoded (non-ASCII characters) EncodedListStatusText (446) field.

Type: [Length](#)

Used in messages: [ListStatus](#)

#### **170.2.915 EncodedMarketDisruptionFallbackUnderlierSecurityDesc**

Encoded (non-ASCII characters) representation of the MarketDisruptionFallbackUnderlierSecurityDesc(41100) field in the encoded format specified via the MessageEncoding (347) field. If used, the ASCII (English) representation should also be specified in the MarketDisruptionFallbackUnderlierSecurityDesc(41100) field.

Type: [data](#)

Used in groups: [MarketDisruptionFallbackReferencePriceGrp](#)

#### **170.2.916 EncodedMarketDisruptionFallbackUnderlierSecurityDescLen**

Byte length of encoded (non-ASCII characters) EncodedMarketDisruptionFallbackUnderlierSecurityDesc(41102) field.

Type: **Length**

Used in groups: **MarketDisruptionFallbackReferencePriceGrp**

#### **170.2.917 EncodedMatchExceptionText**

Encoded (non-ASCII characters) representation of the MatchExceptionText(2780) field in the encoded format specified via the MessageEncoding(347) field.

If used, the ASCII (English) representation should also be specified in the MatchExceptionText(2780) field.

Type: **data**

Used in groups: **MatchExceptionGrp**

#### **170.2.918 EncodedMatchExceptionTextLen**

Byte length of encoded (non-ASCII characters) EncodedMatchExceptionText(2798) field.

Type: **Length**

Used in groups: **MatchExceptionGrp**

#### **170.2.919 EncodedMDStatisticDesc**

Encoded (non-ASCII characters) representation of the MDStatisticDesc(2455) field in the encoded format specified via the MessageEncoding (347) field. If used, the ASCII (English) representation should also be specified in the MDStatisticDesc(2455) field.

Type: **data**

Used in components: **MDStatisticParameters**

#### **170.2.920 EncodedMDStatisticDescLen**

Byte length of encoded (non-ASCII characters) EncodedMDStatisticDesc(2482) field.

Type: **Length**

Used in components: **MDStatisticParameters**

#### **170.2.921 EncodedMiscFeeSubTypeDesc**

Encoded (non-ASCII characters) representation of the MiscFeeSubTypeDesc(2636) field in the encoded format specified via the MessageEncoding (347) field. If used, the ASCII (English) representation should also be specified in the MiscFeeSubTypeDesc(2636) field.

Type: **data**

Used in groups: **MiscFeesSubGrp**

#### **170.2.922 EncodedMiscFeeSubTypeDescLen**

Byte length of encoded (non-ASCII characters) EncodedMiscFeeSubTypeDesc(2638) field.

Type: **Length**

Used in groups: **MiscFeesSubGrp**

#### **170.2.923 EncodedMktSegmDesc**

Encoded (non-ASCII characters) representation of the MarketSegmDesc(1396) field in the encoded format specified via the MessageEncoding(347) field. If used, the ASCII (English) representation should also be specified in the MarketSegmDesc field.

Type: **data**

Used in messages: **MarketDataStatisticsReport, MarketDataStatisticsRequest, MarketDefinition, MarketDefinitionUpdateReport**

#### **170.2.924 EncodedMktSegmDescLen**

Byte length of encoded (non-ASCII characters) EncodedMktSegmDesc(1324) field.

Type: **Length**

Used in messages: **MarketDataStatisticsReport, MarketDataStatisticsRequest, MarketDefinition, MarketDefinitionUpdateReport**

**170.2.925 EncodedOptionExpirationDesc**

Encoded (non-ASCII characters) representation of the OptionExpirationDesc(1581) field in the encoded format specified via the MessageEncoding (347) field. If used, the ASCII (English) representation should also be specified in the OptionExpirationDesc(1581).

Type: **data**

Used in components: **Instrument**

**170.2.926 EncodedOptionExpirationDescLen**

Byte length of encoded (non-ASCII characters) EncodedOptionExpirationDesc(1697) field.

Type: **Length**

Used in components: **Instrument**

**170.2.927 EncodedPaymentText**

Encoded (non-ASCII characters) representation of the PaymentText(40229) field in the encoded format specified via the MessageEncoding (347) field. If used, the ASCII (English) representation should also be specified in the PaymentText(40229) field.

Type: **data**

Used in groups: **PaymentGrp**

**170.2.928 EncodedPaymentTextLen**

Byte length of encoded (non-ASCII characters) EncodedPaymentText(40985) field.

Type: **Length**

Used in groups: **PaymentGrp**

**170.2.929 EncodedPostTradePaymentDesc**

Encoded (non-ASCII characters) representation of the PostTradePaymentDesc(2820) field in the encoded format specified via the MessageEncoding(347) field. If used, the ASCII (English) representation should also be specified in the PostTradePaymentDesc(2820) field.

Type: **data**

Used in components: [PostTradePayment](#)

### **170.2.930 EncodedPostTradePaymentDescLen**

Byte length of encoded (non-ASCII characters) EncodedPostTradePaymentDesc(2814) field.

Type: [Length](#)

Used in components: [PostTradePayment](#)

### **170.2.931 EncodedProvisionText**

Encoded (non-ASCII characters) representation of the ProvisionText(40113) field in the encoded format specified via the MessageEncoding (347) field. If used, the ASCII (English) representation should also be specified in the ProvisionText(40113) field.

Type: [data](#)

Used in groups: [ProvisionGrp](#)

### **170.2.932 EncodedProvisionTextLen**

Byte length of encoded (non-ASCII characters) EncodedProvisionText(40987) field.

Type: [Length](#)

Used in groups: [ProvisionGrp](#)

### **170.2.933 EncodedRejectText**

Encoded (non-ASCII characters) representation of the RejectText(1328) field in the encoded format specified via the MessageEncoding(347) field. If used, the ASCII (English) representation should also be specified in the RejectText(1328) field.

Type: [data](#)

Used in groups: [PartyDetailAckGrp](#), [PartyEntitlementAckGrp](#), [PartyRiskLimitsAckGrp](#)

Used in messages: [AllocationInstructionAck](#), [AllocationInstructionAlertRequestAck](#), [AllocationReportAck](#), [CollateralReportAck](#), [CollateralResponse](#), [ExecutionReport](#), [MassOrderAck](#), [OrderCancelReject](#), [PartyActionReport](#), [PartyDetailsListReport](#), [PartyEntitlementsReport](#), [PartyRiskLimitCheckRequestAck](#), [PartyRiskLimitsReport](#), [PartyRiskLimitsReportAck](#), [PayManagementReport](#), [PayManagementReportAck](#), [PositionMaintenanceReport](#), [PositionTransferInstructionAck](#), [PositionTransferReport](#), [QuoteAck](#),



QuoteStatusReport, SettlementStatusReportAck, SettlementStatusRequestAck, TradeAggregationReport, TradeCaptureReport, TradeCaptureReportAck, TradeMatchReportAck

#### **170.2.934 EncodedRejectTextLen**

Byte length of encoded (non-ASCII characters) EncodedRejectText(1665) field.

Type: **Length**

Used in groups: **PartyDetailAckGrp, PartyEntitlementAckGrp, PartyRiskLimitsAckGrp**

Used in messages: **AllocationInstructionAck, AllocationInstructionAlertRequestAck, AllocationReportAck, CollateralReportAck, CollateralResponse, ExecutionReport, MassOrderAck, OrderCancelReject, PartyActionReport, PartyDetailsListReport, PartyEntitlementsReport, PartyRiskLimitCheckRequestAck, PartyRiskLimitsReport, PartyRiskLimitsReportAck, PayManagementReport, PayManagementReportAck, PositionMaintenanceReport, PositionTransferInstructionAck, PositionTransferReport, QuoteAck, QuoteStatusReport, SettlementStatusReportAck, SettlementStatusRequestAck, TradeAggregationReport, TradeCaptureReport, TradeCaptureReportAck, TradeMatchReportAck**

#### **170.2.935 EncodedReplaceText**

Encoded (non-ASCII characters) representation of the ReplaceText(2805) field in the encoded format specified via the MessageEncoding(347) field. If used, the ASCII (English) representation should also be specified in the ReplaceText(2805) field.

Type: **data**

Used in messages: **PayManagementReport**

#### **170.2.936 EncodedReplaceTextLen**

Byte length of encoded (non-ASCII characters) EncodedReplaceText(2801) field.

Type: **Length**

Used in messages: **PayManagementReport**

#### **170.2.937 EncodedSecurityDesc**

Encoded (non-ASCII characters) representation of the SecurityDesc (107) field in the encoded format specified via the MessageEncoding (347) field. If used, the ASCII (English) representation should also be specified in the SecurityDesc field.

Type: **data**

Used in components: **Instrument**

#### **170.2.938 EncodedSecurityDescLen**

Byte length of encoded (non-ASCII characters) EncodedSecurityDesc (351) field.

Type: **Length**

Used in components: **Instrument**

#### **170.2.939 EncodedSecurityListDesc**

Encoded (non-ASCII characters) representation of the SecurityListDesc(1467) field in the encoded format specified via the MessageEncoding(347) field. If used, the ASCII (English) representation should also be specified in the SecurityListDesc(1467) field.

Type: **data**

Used in messages: **SecurityList, SecurityListUpdateReport**

#### **170.2.940 EncodedSecurityListDescLen**

Byte length of encoded (non-ASCII characters) EncodedSecurityListDesc(1469) field.

Type: **Length**

Used in messages: **SecurityList, SecurityListUpdateReport**

#### **170.2.941 EncodedSettlStatusReasonText**

Encoded (non-ASCII characters) representation of the SettlStatusReasonText(2970) field in the encoded format specified via the MessageEncoding(347) field. If used, the ASCII (English) representation should also be specified in the SettlStatusReasonText(2970) field.

Type: **data**

Used in messages: **SettlementStatusReport**

#### **170.2.942 EncodedSettlStatusReasonTextLen**

Byte length of encoded (non-ASCII characters) EncodedSettlStatusReasonText(2972) field.

Type: **Length**

Used in messages: **SettlementStatusReport**

#### **170.2.943 EncodedStreamCommodityDesc**

Encoded (non-ASCII characters) representation of the StreamCommodityDesc(41255) field in the encoded format specified via the MessageEncoding (347) field. If used, the ASCII (English) representation should also be specified in the StreamCommodityDesc(41255) field.

Type: **data**

Used in components: **StreamCommodity**

#### **170.2.944 EncodedStreamCommodityDescLen**

Byte length of encoded (non-ASCII characters) EncodedStreamCommodityDesc(41257) field.

Type: **Length**

Used in components: **StreamCommodity**

#### **170.2.945 EncodedStreamText**

Encoded (non-ASCII characters) representation of the StreamText(40056) field in the encoded format specified via the MessageEncoding (347) field. If used, the ASCII (English) representation should also be specified in the StreamText(40056) field.

Type: **data**

Used in groups: **StreamGrp**

#### **170.2.946 EncodedStreamTextLen**

Byte length of encoded (non-ASCII characters) EncodedStreamText(40983) field.

Type: **Length**

Used in groups: **StreamGrp**

**170.2.947 EncodedSubject**

Encoded (non-ASCII characters) representation of the Subject (147) field in the encoded format specified via the MessageEncoding (347) field. If used, the ASCII (English) representation should also be specified in the Subject field.

Type: **data**

Used in messages: **Email**

**170.2.948 EncodedSubjectLen**

Byte length of encoded (non-ASCII characters) EncodedSubject (357) field.

Type: **Length**

Used in messages: **Email**

**170.2.949 EncodedText**

Encoded (non-ASCII characters) representation of the Text (58) field in the encoded format specified via the MessageEncoding (347) field. If used, the ASCII (English) representation should also be specified in the Text(58) field.

Type: **data**

Used in groups: **BidCompRspGrp, InstrmtStrkPxGrp, LinesOfTextGrp, ListOrdGrp, MDFullGrp, MDIncGrp, OrdListStatGrp, RelSymDerivSecGrp, RelSymDerivSecUpdGrp, SecListGrp, SecLstUpdRelSymGrp, SecMassStatGrp, SideCrossOrdCxlGrp, SideCrossOrdModGrp, StrmAsgnRptInstrmtGrp, TrdCapRptSideGrp, TrdMatchSideGrp, TrdSessLstGrp**

Used in messages: **Advertisement, AllocationInstruction, AllocationInstructionAck, AllocationInstructionAlert, AllocationReport, AllocationReportAck, ApplicationMessageReport, ApplicationMessageRequest, ApplicationMessageRequestAck, AssignmentReport, BidRequest, BusinessMessageReject, CollateralAssignment, CollateralInquiry, CollateralInquiryAck, CollateralReport, CollateralReportAck, CollateralRequest, CollateralResponse, Confirmation, ConfirmationAck, ConfirmationRequest, ContraryIntentionReport, DerivativeSecurityListRequest, DontKnowTrade, ExecutionAck, ExecutionReport, IOI, ListCancelRequest, ListExecute, ListStatusRequest, Logon, Logout, MarginRequirementInquiry, MarginRequirementInquiryAck, MarginRequirementReport, MarketDataRequestReject, MarketDataStatisticsReport, MarketDataStatisticsRequest, MarketDefinition, MarketDefinitionUpdateReport, MassOrder, MassOrderAck, MassQuoteAck, MultilegOrderCancelReplace, NewOrderMultileg, NewOrderSingle, OrderCancelReject, OrderCancelReplaceRequest,**

OrderCancelRequest, OrderMassActionReport, OrderMassActionRequest, OrderMassCancelReport, OrderMassCancelRequest, PartyActionReport, PartyActionRequest, PartyDetailsDefinitionRequest, PartyDetailsDefinitionRequestAck, PartyDetailsListReport, PartyDetailsListRequest, PartyDetailsListUpdateReport, PartyEntitlementsDefinitionRequest, PartyEntitlementsDefinitionRequestAck, PartyEntitlementsReport, PartyEntitlementsRequest, PartyEntitlementsUpdateReport, PartyRiskLimitCheckRequest, PartyRiskLimitCheckRequestAck, PartyRiskLimitsDefinitionRequest, PartyRiskLimitsDefinitionRequestAck, PartyRiskLimitsReport, PartyRiskLimitsReportAck, PartyRiskLimitsRequest, PartyRiskLimitsUpdateReport, PayManagementReport, PayManagementRequest, PositionMaintenanceReport, PositionMaintenanceRequest, PositionReport, PositionTransferInstruction, PositionTransferInstructionAck, PositionTransferReport, Quote, QuoteAck, QuoteRequest, QuoteRequestReject, QuoteResponse, QuoteStatusReport, Reject, RequestForPositions, RequestForPositionsAck, SecurityDefinition, SecurityDefinitionRequest, SecurityDefinitionUpdateReport, SecurityListRequest, SecurityStatus, SecurityTypeRequest, SecurityTypes, SettlementInstructions, SettlementObligationReport, SettlementStatusReport, SettlementStatusRequest, StreamAssignmentReportACK, TradeCaptureReportAck, TradeCaptureReportRequest, TradeCaptureReportRequestAck, TradeMatchReportAck, TradingSessionStatus, UserNotification

### **170.2.950 EncodedTextLen**

Byte length of encoded (non-ASCII characters) EncodedText (355) field.

Type: Length

Used in groups: BidCompRspGrp, InstrmtStrkPxGrp, LinesOfTextGrp, ListOrdGrp, MDFullGrp, MDIncGrp, OrdListStatGrp, RelSymDerivSecGrp, RelSymDerivSecUpdGrp, SecListGrp, SecLstUpdRelSymGrp, SecMassStatGrp, SideCrossOrdCxlGrp, SideCrossOrdModGrp, StrmAsgnRptInstrmtGrp, TrdCapRptSideGrp, TrdMatchSideGrp, TrdSessLstGrp

Used in messages: Advertisement, AllocationInstruction, AllocationInstructionAck, AllocationInstructionAlert, AllocationReport, AllocationReportAck, ApplicationMessageReport, ApplicationMessageRequest, ApplicationMessageRequestAck, AssignmentReport, BidRequest, BusinessMessageReject, CollateralAssignment, CollateralInquiry, CollateralInquiryAck, CollateralReport, CollateralReportAck, CollateralRequest, CollateralResponse, Confirmation, ConfirmationAck, ConfirmationRequest, ContraryIntentionReport, DerivativeSecurityListRequest, DontKnowTrade, ExecutionAck, ExecutionReport, IOI, ListCancelRequest, ListExecute, ListStatusRequest, Logon, Logout, MarginRequirementInquiry, MarginRequirementInquiryAck, MarginRequirementReport, MarketDataRequestReject, MarketDataStatisticsReport, MarketDataStatisticsRequest, MarketDefinition, MarketDefinitionUpdateReport, MassOrder, MassOrderAck, MassQuoteAck, MultilegOrderCancelReplace, NewOrderMultileg, NewOrderSingle, OrderCancelReject, OrderCancelReplaceRequest, OrderCancelRequest, OrderMassActionReport, OrderMassActionRequest, OrderMassCancelReport,

OrderMassCancelRequest, PartyActionReport, PartyActionRequest, PartyDetailsDefinitionRequest, PartyDetailsDefinitionRequestAck, PartyDetailsListReport, PartyDetailsListRequest, PartyDetailsListUpdateReport, PartyEntitlementsDefinitionRequest, PartyEntitlementsDefinitionRequestAck, PartyEntitlementsReport, PartyEntitlementsRequest, PartyEntitlementsUpdateReport, PartyRiskLimitCheckRequest, PartyRiskLimitCheckRequestAck, PartyRiskLimitsDefinitionRequest, PartyRiskLimitsDefinitionRequestAck, PartyRiskLimitsReport, PartyRiskLimitsReportAck, PartyRiskLimitsRequest, PartyRiskLimitsUpdateReport, PayManagementReport, PayManagementRequest, PositionMaintenanceReport, PositionMaintenanceRequest, PositionReport, PositionTransferInstruction, PositionTransferInstructionAck, PositionTransferReport, Quote, QuoteAck, QuoteRequest, QuoteRequestReject, QuoteResponse, QuoteStatusReport, Reject, RequestForPositions, RequestForPositionsAck, SecurityDefinition, SecurityDefinitionRequest, SecurityDefinitionUpdateReport, SecurityListRequest, SecurityStatus, SecurityTypeRequest, SecurityTypes, SettlementInstructions, SettlementObligationReport, SettlementStatusReport, SettlementStatusRequest, StreamAssignmentReportACK, TradeCaptureReportAck, TradeCaptureReportRequest, TradeCaptureReportRequestAck, TradeMatchReportAck, TradingSessionStatus, UserNotification

#### **170.2.951 EncodedTradeContinuationText**

Encoded (non-ASCII characters) representation of the TradeContinuationText(2374) field in the encoded format specified via the MessageEncoding(347) field. If used, the ASCII (English) representation should also be specified in the TradeContinuationText(2374) field.

Type: **data**

Used in groups: **QuotReqGrp**

Used in messages: **AllocationInstruction, AllocationReport, Confirmation, ExecutionReport, PositionReport, Quote, QuoteResponse, QuoteStatusReport, TradeCaptureReport**

#### **170.2.952 EncodedTradeContinuationTextLen**

Byte length of encoded (non-ASCII characters) EncodedTradeContinuationText(2371) field.

Type: **Length**

Used in groups: **QuotReqGrp**

Used in messages: **AllocationInstruction, AllocationReport, Confirmation, ExecutionReport, PositionReport, Quote, QuoteResponse, QuoteStatusReport, TradeCaptureReport**

**170.2.953 EncodedUnderlyingAdditionalTermBondDesc**

Encoded (non-ASCII characters) representation of the UnderlyingAdditionalTermBondDesc(41709) field in the encoded format specified via the MessageEncoding (347) field. If used, the ASCII (English) representation should also be specified in the UnderlyingAdditionalTermBondDesc(41709) field.

Type: **data**

Used in groups: **UnderlyingAdditionalTermBondRefGrp**

**170.2.954 EncodedUnderlyingAdditionalTermBondDescLen**

Byte length of encoded (non-ASCII characters) EncodedUnderlyingAdditionalTermBondDesc(41711) field.

Type: **Length**

Used in groups: **UnderlyingAdditionalTermBondRefGrp**

**170.2.955 EncodedUnderlyingAdditionalTermBondIssuer**

Encoded (non-ASCII characters) representation of the UnderlyingAdditionalTermBondIssuer(42017) field in the encoded format specified via the MessageEncoding (347) field. If used, the ASCII (English) representation should also be specified in the UnderlyingAdditionalTermBondIssuer(42017) field.

Type: **data**

Used in groups: **UnderlyingAdditionalTermBondRefGrp**

**170.2.956 EncodedUnderlyingAdditionalTermBondIssuerLen**

Byte length of encoded (non-ASCII characters) EncodedUnderlyingAdditionalTermBondIssuer(42026) field.

Type: **Length**

Used in groups: **UnderlyingAdditionalTermBondRefGrp**

**170.2.957 EncodedUnderlyingDeliveryStreamCycleDesc**

Encoded (non-ASCII characters) representation of the UnderlyingDeliveryStreamCycleDesc(41805) field in the encoded format specified via the MessageEncoding (347) field. If used, the ASCII (English) representation should also be specified in the UnderlyingDeliveryStreamCycleDesc(41805) field.

Type: **data**

Used in groups: **UnderlyingDeliveryStreamCycleGrp**

#### **170.2.958 EncodedUnderlyingDeliveryStreamCycleDescLen**

Byte length of encoded (non-ASCII characters) EncodedUnderlyingDeliveryStreamCycleDesc(41807) field.

Type: **Length**

Used in groups: **UnderlyingDeliveryStreamCycleGrp**

#### **170.2.959 EncodedUnderlyingEventText**

Encoded (non-ASCII characters) representation of the UnderlyingEventText(2071) field in the encoded format specified via the MessageEncoding (347) field. If used, the ASCII (English) representation should also be specified in the UnderlyingEventText(2071) field.

Type: **data**

Used in groups: **UnderlyingEvntGrp**

#### **170.2.960 EncodedUnderlyingEventTextLen**

Byte length of encoded (non-ASCII characters) EncodedUnderlyingEventText(2073) field.

Type: **Length**

Used in groups: **UnderlyingEvntGrp**

#### **170.2.961 EncodedUnderlyingExerciseDesc**

Encoded (non-ASCII characters) representation of the UnderlyingExerciseDesc(41810) field in the encoded format specified via the MessageEncoding (347) field. If used, the ASCII (English) representation should also be specified in the UnderlyingExerciseDesc(41810) field.

Type: **data**

Used in components: **UnderlyingOptionExercise**



**170.2.962 EncodedUnderlyingExerciseDescLen**

Byte length of encoded (non-ASCII characters) EncodedUnderlyingExerciseDesc(41812) field.

Type: **Length**

Used in components: **UnderlyingOptionExercise**

**170.2.963 EncodedUnderlyingFinancialInstrumentFullName**

Encoded (non-ASCII characters) representation of the UnderlyingFinancialInstrumentFullName(2720) field in the encoded format specified via the MessageEncoding(347) field. If used, the ASCII (English) representation should also be specified in the UnderlyingFinancialInstrumentFullName(2720) field.

Type: **data**

Used in components: **UnderlyingInstrument**

**170.2.964 EncodedUnderlyingFinancialInstrumentFullNameLen**

Byte length of encoded (non-ASCII characters) underlying instrument's EncodedUnderlyingFinancialInstrumentFullName(2722).

Type: **Length**

Used in components: **UnderlyingInstrument**

**170.2.965 EncodedUnderlyingIssuer**

Encoded (non-ASCII characters) representation of the UnderlyingIssuer (306) field in the encoded format specified via the MessageEncoding (347) field. If used, the ASCII (English) representation should also be specified in the UnderlyingIssuer field.

Type: **data**

Used in components: **UnderlyingInstrument**

**170.2.966 EncodedUnderlyingIssuerLen**

Byte length of encoded (non-ASCII characters) EncodedUnderlyingIssuer (363) field.

Type: **Length**

Used in components: **UnderlyingInstrument**

**170.2.967 EncodedUnderlyingMarketDisruptionFallbackUnderlierSecDescLen**

Byte length of encoded (non-ASCII characters) EncodedUnderlyingMarketDisruptionFallbackUnderlierSecurityDesc(41874) field.

Type: **Length**

Used in groups: **UnderlyingMarketDisruptionFallbackReferencePriceGrp**

**170.2.968 EncodedUnderlyingMarketDisruptionFallbackUnderlierSecurityDesc**

Encoded (non-ASCII characters) representation of the UnderlyingMarketDisruptionFallbackUnderlierSecurityDesc(41872) field in the encoded format specified via the MessageEncoding (347) field. If used, the ASCII (English) representation should also be specified in the UnderlyingMarketDisruptionFallbackUnderlierSecurityDesc(41872).

Type: **data**

Used in groups: **UnderlyingMarketDisruptionFallbackReferencePriceGrp**

**170.2.969 EncodedUnderlyingOptionExpirationDesc**

Encoded (non-ASCII characters) representation of the UnderlyingOptionExpirationDesc(2286) field in the encoded format specified via the MessageEncoding (347) field. If used, the ASCII (English) representation should also be specified in the UnderlyingOptionExpirationDesc(2286).

Type: **data**

Used in components: **UnderlyingInstrument**

**170.2.970 EncodedUnderlyingOptionExpirationDescLen**

Byte length of encoded (non-ASCII characters) EncodedUnderlyingOptionExpirationDesc(2288) field.

Type: **Length**

Used in components: **UnderlyingInstrument**

**170.2.971 EncodedUnderlyingProvisionText**

Encoded (non-ASCII characters) representation of the UnderlyingProvisionText(42170) field in the encoded format specified via the MessageEncoding (347) field. If used, the ASCII (English) representation should also be specified in the UnderlyingProvisionText(42170) field.

Type: **data**

Used in groups: **UnderlyingProvisionGrp**

#### **170.2.972 EncodedUnderlyingProvisionTextLen**

Byte length of encoded (non-ASCII characters) EncodedUnderlyingProvisionText(42712) field.

Type: **Length**

Used in groups: **UnderlyingProvisionGrp**

#### **170.2.973 EncodedUnderlyingSecurityDesc**

Encoded (non-ASCII characters) representation of the UnderlyingSecurityDesc (307) field in the encoded format specified via the MessageEncoding (347) field. If used, the ASCII (English) representation should also be specified in the UnderlyingSecurityeDesc field.

Type: **data**

Used in components: **UnderlyingInstrument**

#### **170.2.974 EncodedUnderlyingSecurityDescLen**

Byte length of encoded (non-ASCII characters) EncodedUnderlyingSecurityDesc (365) field.

Type: **Length**

Used in components: **UnderlyingInstrument**

#### **170.2.975 EncodedUnderlyingStreamCommodityDesc**

Encoded (non-ASCII characters) representation of the UnderlyingStreamCommodityDesc(41968) field in the encoded format specified via the MessageEncoding (347) field. If used, the ASCII (English) representation should also be specified in the UnderlyingStreamCommodityDesc(41968) field.

Type: **data**

Used in components: **UnderlyingStreamCommodity**

**170.2.976 EncodedUnderlyingStreamCommodityDescLen**

Byte length of encoded (non-ASCII characters) EncodedUnderlyingStreamCommodityDesc(41970) field.

Type: **Length**

Used in components: **UnderlyingStreamCommodity**

**170.2.977 EncodedUnderlyingStreamText**

Encoded (non-ASCII characters) representation of the UnderlyingStreamText(40547) field in the encoded format specified via the MessageEncoding (347) field. If used, the ASCII (English) representation should also be specified in the UnderlyingStreamText(40547) field.

Type: **data**

Used in groups: **UnderlyingStreamGrp**

**170.2.978 EncodedUnderlyingStreamTextLen**

Byte length of encoded (non-ASCII characters) EncodedUnderlyingStreamText(40989) field.

Type: **Length**

Used in groups: **UnderlyingStreamGrp**

**170.2.979 EncodedWarningText**

Encoded (non-ASCII characters) representation of the WarningText(2520) field in the encoded format specified via the MessageEncoding(347) field. If used, the ASCII (English) representation should also be specified in the WarningText(2520) field.

Type: **data**

Used in messages: **CollateralResponse**

**170.2.980 EncodedWarningTextLen**

Byte length of encoded (non-ASCII characters) EncodedWarningText(2521) field.

Type: **Length**

Used in messages: **CollateralResponse**

### **170.2.981 EncryptedNewPassword**

Encrypted new password - encrypted via the method specified in the field EncryptedPassword-Method(1400)

Type: **data**

Used in messages: **Logon, UserRequest**

### **170.2.982 EncryptedNewPasswordLen**

Length of the EncryptedNewPassword(1404) field

Type: **Length**

Used in messages: **Logon, UserRequest**

### **170.2.983 EncryptedPassword**

Encrypted password - encrypted via the method specified in the field EncryptedPassword-Method(1400)

Type: **data**

Used in messages: **Logon, UserRequest**

### **170.2.984 EncryptedPasswordLen**

Length of the EncryptedPassword(1402) field

Type: **Length**

Used in messages: **Logon, UserRequest**

### **170.2.985 EncryptedPasswordMethod**

Enumeration defining the encryption method used to encrypt password fields.

At this time there are no encryption methods defined by FPL.

Type: **int**

Used in messages: **Logon, UserRequest**

**170.2.986 EncryptMethod**

Method of encryption.

Type: **int**

Allowed values in EncryptMethodCodeSet:

Code	Name	Description
0	None	None / Other
1	PKCS	PKCS (Proprietary)
2	DES	DES (ECB Mode)
3	PKCSDES	PKCS / DES (Proprietary)
4	PGPDES	PGP / DES (Defunct)
5	PGPDESMD5	PGP / DES-MD5 (See app note on FIX web site)
6	PEM	PEM / DES-MD5 (see app note on FIX web site)

Used in messages: **Logon**

**170.2.987 EndAccruedInterestAmt**

Accrued Interest Amount applicable to a financing transaction on the End Date.

Type: **Amt**

Used in groups: **TrdCapRptAckSideGrp, TrdCapRptSideGrp**

Used in messages: **AllocationInstruction, AllocationInstructionAlert, AllocationReport, CollateralAssignment, CollateralInquiry, CollateralReport, CollateralRequest, CollateralResponse, Confirmation, ExecutionReport**

**170.2.988 EndCash**

Ending dirty cash consideration of a financing deal. i.e. reimbursed to the buyer on the End Date.

Type: **Amt**

Used in groups: **TrdCapRptAckSideGrp, TrdCapRptSideGrp**

Used in messages: **AllocationInstruction, AllocationInstructionAlert, AllocationReport, CollateralAssignment, CollateralInquiry, CollateralReport, CollateralRequest, CollateralResponse, Confirmation, ExecutionReport**

### **170.2.989 EndDate**

End date of a financing deal, i.e. the date the seller reimburses the buyer and takes back control of the collateral

Type: [LocalMktDate](#)

Used in components: [FinancingDetails](#)

### **170.2.990 EndMaturityMonthYear**

Ending maturity month year for an option class

Type: [MonthYear](#)

Used in groups: [MaturityRules](#)

### **170.2.991 EndPriceRange**

Upper boundary for price range.

Type: [Price](#)

Used in groups: [PriceRangeRuleGrp](#)

### **170.2.992 EndSeqNo**

Message sequence number of last message in range to be resent. If request is for a single message BeginSeqNo (7) = EndSeqNo. If request is for all messages subsequent to a particular message, EndSeqNo = "0" (representing infinity).

Type: [SeqNum](#)

Used in messages: [ResendRequest](#)

### **170.2.993 EndStrikePxRange**

Ending price of the range to which the StrikeIncrement applies. Price refers to the price of the underlying

Type: [Price](#)

Used in groups: [StrikeRules](#)

**170.2.994 EndTickPriceRange**

Ending price range for the specified tick increment

Type: **Price**

Used in groups: **TickRules**

**170.2.995 EntitlementAttribCurrency**

Currency for EntitlementAttribValue(1780). Can be used if these fields represent a price, price offset, or amount.

Type: **Currency**

Used in groups: **EntitlementAttribGrp**

**170.2.996 EntitlementAttribCurrencyCodeSource**

Identifies class or source of the EntitlementAttribCurrency(1781) value.

Type: **String**

Allowed values in CurrencyCodeSourceCodeSet:

Code	Name	Description
1	CUSIP	CUSIP
2	SEDOL	SEDOL
4	ISINNumber	ISIN
6	ISOCurrencyCode	ISO Currency Code (ISO 4217)
S	FinancialInstrumentGlobalIdentifier	Financial Instrument Global Identifier. An Object Management Group (OMG) standard. Also referred to as FIGI. Formerly known as "Bloomberg Open Symbology BBGID".
Y	DigitalTokenIdentifier	Digital Token Identifier (ISO 24165)

Used in groups: **EntitlementAttribGrp**

**170.2.997 EntitlementAttribDatatype**

Datatype of the entitlement attribute.



Type: **int**

Allowed values in EntitlementAttribDatatypeCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
1	Int	int
2	Length	Length
3	NumInGroup	NumInGroup
4	SeqNum	SeqNum
5	TagNum	TagNum
6	Float	float
7	Qty	Qty
8	Price	Price
9	PriceOffset	PriceOffset
10	Amt	Amt
11	Percentage	Percentage
12	Char	char
13	Boolean	Boolean
14	String	String
15	MultipleCharValue	MultipleCharValue
16	Currency	Currency
17	Exchange	Exchange
18	MonthYear	MonthYear
19	UTCTimestamp	UTCTimestamp
20	UTCTimeOnly	UTCTimeOnly
21	LocalMktDate	LocalMktDate
22	UTCDateOnly	UTCDateOnly
23	Data	data
24	MultipleStringValue	MultipleStringValue
25	Country	Country
26	Language	Language
27	TZTimeOnly	TZTimeOnly
28	TZTimestamp	TZTimestamp
29	Tenor	Tenor
30	DayOfMonth	DayOfMonth
31	XMLData	XMLData

---

Code	Name	Description
32	Pattern	Pattern
33	Reserved100Plus	Reserved100Plus
34	Reserved1000Plus	Reserved1000Plus
35	Reserved4000Plus	Reserved4000Plus

Used in groups: [EntitlementAttribGrp](#)

### 170.2.998 EntitlementAttribGrp

conveys a list of one or more attributes related to an entitlement. An entitlement may contain an EntitlementType, which states what can be done at a gross level, e.g. that a party can make markets. It may be limited further within EntitlementGrp, e.g. that such market making is allowed only for a list of stocks. The EntitlementAttribGrp contains fine details clarifying or limiting the EntitlementType, e.g. that such market making must be conducted with a specific minimum quote size and a specific maximum spread.

Name	Mult.	Type	Description
<a href="#">NoEntitlementAttrib</a>	[1..1]	NumInGroup	
<a href="#">EntitlementAttribType</a>	[0..1]	int	Required if NoEntitlementAttrib(1777) > 0.
<a href="#">EntitlementAttribDatatype</a>	[0..1]	CodeSet	If specified, and this is an attribute published by FPL in the external code list, this must agree with the published datatype.
<a href="#">EntitlementAttribValue</a>	[0..1]	String	Required if NoEntitlementAttrib(1777) > 0.
<a href="#">EntitlementAttribCurrency</a>	[0..1]	Currency	
<a href="#">EntitlementAttribCurrencyCodeSource</a>	[0..1]	CodeSet	

Used in groups: [EntitlementGrp](#)

### 170.2.999 EntitlementAttribType

Name of the entitlement attribute type. A code list of allowed values will be maintained on the FIX Protocol website.

Values "4000" and above are reserved for bilaterally agreed upon user defined enumerations.

Type: [int](#)

Used in groups: [EntitlementAttribGrp](#)

### 170.2.1000 EntitlementAttribValue

Value of the entitlement attribute.

Type: [String](#)

Used in groups: [EntitlementAttribGrp](#)

### 170.2.1001 EntitlementEndDate

Indicates the ending date of the entitlement.

Type: [LocalMktDate](#)

Used in groups: [EntitlementGrp](#)

### 170.2.1002 EntitlementGrp

Conveys a list of entitlements for one specific party, or relationship between two parties. Each entitlement may be further limited or clarified using optional fields and components.

---

Name	Mult.	Type	Description
<a href="#">NoEntitlements</a>	[1..1]	NumInGroup	
<a href="#">EntitlementIndicator</a>	[0..1]	Boolean	Required if NoEntitlements(1773) > 0.
<a href="#">EntitlementType</a>	[0..1]	CodeSet	Absence of this field indicates the meaning of the entitlement is implicit.
<a href="#">EntitlementSubType</a>	[0..1]	CodeSet	
<a href="#">EntitlementAttribGrp</a>	[0..*]	Group	
<a href="#">EntitlementID</a>	[0..1]	String	
<a href="#">EntitlementPlatform</a>	[0..1]	String	
<a href="#">InstrumentScopeGrp</a>	[0..*]	Group	
<a href="#">MarketSegmentScopeGrp</a>	[0..*]	Group	
<a href="#">EntitlementStartDate</a>	[0..1]	LocalMktDate	
<a href="#">EntitlementEndDate</a>	[0..1]	LocalMktDate	

---

Used in groups: [PartyEntitlementAckGrp](#), [PartyEntitlementGrp](#), [PartyEntitlementUpdateGrp](#)

#### **170.2.1003 EntitlementID**

Unique identifier for a specific NoEntitlements(1773) repeating group instance.

Type: **String**

Used in groups: **EntitlementGrp**

#### **170.2.1004 EntitlementIndicator**

Used to indicate if a party is entitled to an entitlement type specified in the EntitlementType(1775) field.

Type: **Boolean**

Used in groups: **EntitlementGrp**

#### **170.2.1005 EntitlementPlatform**

The area to which the entitlement is applicable. This can be a trading platform or an offering.

Type: **String**

Used in groups: **EntitlementGrp**

Used in messages: **PartyEntitlementsRequest**

#### **170.2.1006 EntitlementRefID**

Reference to an EntitlementID(1776). Used for modification or deletion of an entitlement.

Type: **String**

Used in groups: **PartyEntitlementAckGrp, PartyEntitlementUpdateGrp**

#### **170.2.1007 EntitlementReportID**

Identifier for the PartyEntitlementsReport(35=CV).

Type: **String**

Used in messages: **PartyEntitlementsReport, PartyEntitlementsUpdateReport**

**170.2.1008 EntitlementRequestID**

Unique identifier for PartyEntitlementsRequest(35=CU).

Type: **String**

Used in messages: **PartyEntitlementsDefinitionRequest**, **PartyEntitlementsDefinitionRequestAck**, **PartyEntitlementsReport**, **PartyEntitlementsRequest**, **PartyEntitlementsUpdateReport**

**170.2.1009 EntitlementRequestResult**

Result of risk limit definition request.

Type: **int**

Allowed values in EntitlementRequestResultCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	Successful	Successful (default)
1	InvalidParty	Invalid party(-ies)
2	InvalidRelatedParty	Invalid related party(-ies)
3	InvalidEntitlementType	Invalid entitlement type(s)
4	InvalidEntitlementID	Invalid entitlement ID(s) / ref ID(s)
5	InvalidEntitlementAttribute	Invalid entitlement attribute(s)
6	InvalidInstrumentScope	Invalid instrument scope(s)
7	InvalidMarketSegmentScope	Invalid market segment scope(s)
8	InvalidStartDate	Invalid start date
9	InvalidEndDate	Invalid end date
10	InstrumentScopeNotSupported	Instrument scope not supported
11	MarketSegmentScopeNotSupported	Market segment scope not supported
12	EntitlementNotApprovedForParty	Entitlement not approved for party(-ies)
13	EntitlementAlreadyDefinedForParty	Entitlement already defined for party(-ies)
14	InstrumentNotApprovedForParty	Instrument not approved for party(-ies)
98	NotAuthorized	Not authorized
99	Other	Other

---

Used in messages: **PartyEntitlementsDefinitionRequestAck**

**170.2.1010 EntitlementRequestStatus**

Status of party entitlements definition request.

Type: **int**

Allowed values in PartyDetailRequestStatusCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	Accepted	Accepted
1	AcceptedWithChanges	Accepted with changes
2	Rejected	Rejected
3	AcceptancePending	Acceptance pending

---

Used in messages: **PartyEntitlementsDefinitionRequestAck**

**170.2.1011 EntitlementResult**

Result of entitlement definition for one party.

Type: **int**

Allowed values in EntitlementRequestResultCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	Successful	Successful (default)
1	InvalidParty	Invalid party(-ies)
2	InvalidRelatedParty	Invalid related party(-ies)
3	InvalidEntitlementType	Invalid entitlement type(s)
4	InvalidEntitlementID	Invalid entitlement ID(s) / ref ID(s)
5	InvalidEntitlementAttribute	Invalid entitlement attribute(s)
6	InvalidInstrumentScope	Invalid instrument scope(s)
7	InvalidMarketSegmentScope	Invalid market segment scope(s)
8	InvalidStartDate	Invalid start date
9	InvalidEndDate	Invalid end date
10	InstrumentScopeNotSupported	Instrument scope not supported
11	MarketSegmentScopeNotSupported	Market segment scope not supported
12	EntitlementNotApprovedForParty	Entitlement not approved for party(-ies)

---

---

Code	Name	Description
13	EntitlementAlreadyDefinedForParty	Entitlement already defined for party(-ies)
14	InstrumentNotApprovedForParty	Instrument not approved for party(-ies)
98	NotAuthorized	Not authorized
99	Other	Other

---

Used in groups: [PartyEntitlementAckGrp](#)

### 170.2.1012 EntitlementStartDate

Indicates the starting date of the entitlement.

Type: [LocalMktDate](#)

Used in groups: [EntitlementGrp](#)

### 170.2.1013 EntitlementStatus

Status of entitlement definition for one party.

Type: [int](#)

Allowed values in EntitlementStatusCodeSet:

---

Code	Name	Description
0	Accepted	Accepted
1	AcceptedWithChanges	Accepted with changes
2	Rejected	Rejected
3	Pending	Pending. Entitlement definition request submitted that still requires an action to be taken (e.g. approval or setting up).
4	Requested	Requested. Entitlement definition has been requested.
5	Deferred	Deferred. Entitlement definition request is being postponed or delayed.

---

Used in groups: [PartyEntitlementAckGrp](#), [PartyEntitlementGrp](#), [PartyEntitlementUpdateGrp](#)

Used in messages: [PartyEntitlementsRequest](#)

**170.2.1014 EntitlementSubType**

Subtype of an entitlement specified in EntitlementType(1775).

Type: **int**

Allowed values in EntitlementSubTypeCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
1	OrderEntry	Order entry. Entitle to enter new orders
2	HitLift	Hit/Lift. Entitle to Hit/Lift
3	ViewIndicativePx	View indicative prices. Entitle to subscribe to indicative prices
4	ViewExecutablePx	View executable prices. Entitle to subscribe to executable prices
5	SingleQuote	Single quote. Entitle to submit quote request for a single quote
6	StreamingQuotes	Streaming quotes. Entitle to submit quote request for streaming quotes
7	SingleBroker	Single broker. Entitle to submit quote request for a single broker
8	MultiBrokers	Multi brokers. Entitle to submit quote request for multiple brokers

---

Used in groups: **EntitlementGrp**, **EntitlementTypeGrp**

**170.2.1015 EntitlementType**

Type of entitlement.

Type: **int**

Allowed values in EntitlementTypeCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	Trade	Trade
1	MakeMarkets	Make markets
2	HoldPositions	Hold positions
3	PerformGiveUps	Perform give-ups
4	SubmitIOIs	Submit Indications of Interest (IOIs)
5	SubscribeMarketData	Subscribe to market data

---



Code	Name	Description
6	ShortWithPreBorrow	Short with pre-borrow. Short sell order is allowed with pre-borrowing.
7	SubmitQuoteRequests	Submit quote requests. Entitled to submit quote requests into the market in order to receive quotes from the market.
8	RespondToQuoteRequests	Respond to quote requests. Entitled to respond to quote requests from the market.

Used in groups: [EntitlementGrp](#), [EntitlementTypeGrp](#)

### 170.2.1016 EntitlementTypeGrp

The EntitlementTypeGrp conveys a list of entitlement types.

Name	Mult.	Type	Description
<a href="#">NoEntitlementTypes</a>	[1..1]	NumInGroup	Number of Entitlement Types.
<a href="#">EntitlementType</a>	[0..1]	CodeSet	Required if NoEntitlementTypes(2345) > 0.
<a href="#">EntitlementSubType</a>	[0..1]	CodeSet	

Used in messages: [PartyEntitlementsRequest](#)

### 170.2.1017 EventDate

Date of event

Type: [LocalMktDate](#)

Used in groups: [EvntGrp](#)

### 170.2.1018 EventInitiatorType

Indicates the type of entity who initiated an event, e.g. modification or cancellation of an order or quote.

Type: [char](#)

Allowed values in EventInitiatorTypeCodeSet:

---

Code	Name	Description
C	CustomerOrClient	Customer or client
E	ExchangeOrExecutionVenue	Exchange or execution venue
F	FirmOrBroker	Firm or broker

---

Used in messages: [ExecutionReport](#), [QuoteStatusReport](#)

### **170.2.1019 EventMonthYear**

Used with derivatives when an event is express as a month-year with optional day or month or week of month.

Format:

YYYYMM (e.g. 199903)

YYYYMMDD (e.g. 20030323)

YYYYMMwN (e.g. 200303w2) for week

A specific date can be appended to the month-year. For instance, if multiple event types exist in the same Year and Month, but actually at a different time, a value can be appended, such as "w" or "w2" to indicate week. Likewise, the day of monty (0-31) can be appended to indicate a specific event date.

Type: [MonthYear](#)

Used in groups: [EvtGrp](#)

### **170.2.1020 EventPx**

Predetermined price of issue at event, if applicable

Type: [Price](#)

Used in groups: [EvtGrp](#)

### **170.2.1021 EventText**

Comments related to the event.

Type: [String](#)

Used in groups: [EvtGrp](#)

**170.2.1022 EventTime**

Specific time of event. To be used in combination with EventDate [866]

Type: **UTCTimestamp**

Used in groups: **EvntGrp**

**170.2.1023 EventTimePeriod**

Time unit multiplier for the event.

Type: **int**

Used in groups: **EvntGrp**

**170.2.1024 EventTimeUnit**

Time unit associated with the event.

Type: **String**

Allowed values in EventTimeUnitCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
H	Hour	Hour
Min	Minute	Minute
S	Second	Second
D	Day	Day
Wk	Week	Week
Mo	Month	Month
Yr	Year	Year

---

Used in groups: **EvntGrp**

**170.2.1025 EventType**

Code to represent the type of event

Type: **int**

## Allowed values in EventTypeCodeSet:

<b>Code</b>	<b>Name</b>	<b>Description</b>
1	Put	Put
2	Call	Call
3	Tender	Tender
4	SinkingFundCall	Sinking fund call
5	Activation	Activation
6	Inactivation	Inactivation
7	LastEligibleTradeDate	Last eligible trade date
8	SwapStartDate	Swap start date
9	SwapEndDate	Swap end date
10	SwapRollDate	Swap roll date
11	SwapNextStartDate	Swap next start date
12	SwapNextRollDate	Swap next roll date
13	FirstDeliveryDate	First delivery date
14	LastDeliveryDate	Last delivery date
15	InitialInventoryDueDate	Initial inventory due date
16	FinalInventoryDueDate	Final inventory due date
17	FirstIntentDate	First intent date
18	LastIntentDate	Last intent date
19	PositionRemovalDate	Position removal date
20	MinimumNotice	Minimum notice
21	DeliveryStartTime	Delivery start time
22	DeliveryEndTime	Delivery end time
23	FirstNoticeDate	First notice date. The first day that a notice of intent to deliver a commodity can be made by a clearing house to a buyer in fulfillment of a given month's futures contract.
24	LastNoticeDate	Last notice date. The last day on which a clearing house may inform an investor that a seller intends to make delivery of a commodity that the investor previously bought in a futures contract. The date is governed by the rules of different exchanges and clearing houses, but may also be stated in the futures contract itself.
25	FirstExerciseDate	First exercise date
26	RedemptionDate	Redemption date
27	TrdCntntnEfctvDt	Trade continuation effective date

Code	Name	Description
99	Other	Other

Used in groups: [EvtGrp](#)

### 170.2.1026 EvtGrp

The EvtGrp is a repeating subcomponent of the Instrument component used to specify straightforward events associated with the instrument. Examples include put and call dates for bonds and options; first exercise date for options; inventory and delivery dates for commodities; start, end and roll dates for swaps. Use ComplexEvents for more advanced dates such as option, futures, commodities and equity swap observation and pricing events.

Name	Mult.	Type	Description
<a href="#">NoEvents</a>	[1..1]	NumInGroup	
<a href="#">EventType</a>	[0..1]	CodeSet	Required if NoEvents(864) > 0.
<a href="#">EventDate</a>	[0..1]	LocalMktDate	Conditionally required when EventTime(1145) is specified.
<a href="#">EventTime</a>	[0..1]	UTCTimestamp	
<a href="#">EventTimeUnit</a>	[0..1]	CodeSet	Conditionally required when EventTimePeriod(1826) is specified.
<a href="#">EventTimePeriod</a>	[0..1]	int	Conditionally required when EventTimeUnit(1827) is specified.
<a href="#">EventMonthYear</a>	[0..1]	MonthYear	
<a href="#">EventPx</a>	[0..1]	Price	
<a href="#">EventText</a>	[0..1]	String	
<a href="#">EncodedEventTextLen</a>	[0..1]	Length	Must be set if EncodedEventText(1579) field is specified and must immediately precede it.
<a href="#">EncodedEventText</a>	[0..1]	data	Encoded (non-ASCII characters) representation of the EventText(868) field in the encoded format specified via the MessageEncoding(347) field.

Used in components: [Instrument](#)

### 170.2.1027 ExchangeForPhysical

Indicates whether or not to exchange for physical.

Type: **Boolean**

Allowed values in ExchangeForPhysicalCodeSet:

Code	Name	Description
N	False	False
Y	True	True

Used in messages: **BidRequest**

### **170.2.1028 ExchangeLookAlike**

For a share option trade, indicates whether the instrument is to be treated as an 'exchange look-alike'.

Type: **Boolean**

Used in components: **Instrument**

### **170.2.1029 ExchangeRule**

Used to report any exchange rules that apply to this trade.

Primarily intended for US futures markets. Certain trading practices are permitted by the CFTC, such as large lot trading, block trading, all or none trades. If the rules are used, the exchanges are required to indicate these rules on the trade.

Type: **String**

Used in groups: **TrdCapRptAckSideGrp, TrdCapRptSideGrp, TrdMatchSideGrp**

### **170.2.1030 ExchangeSpecialInstructions**

Free format text string related to exchange.

Type: **String**

Used in groups: **TrdCapRptSideGrp, TrdMatchSideGrp**

**170.2.1031 ExDate**

The date when a distribution of interest is deducted from a securities assets or set aside for payment to bondholders. On the ex-date, the securities price drops by the amount of the distribution (plus or minus any market activity).

(Note tag # was reserved in FIX 4.1, added in FIX 4.3)

(prior to FIX 4.4 field was of type UTCDate)

Type: **LocalMktDate**

Used in groups: **TrdCapRptAckSideGrp, TrdCapRptSideGrp**

Used in messages: **Confirmation, ExecutionReport**

**170.2.1032 ExDestination**

Execution destination as defined by institution when order is entered.

Valid values:

See "Appendix 6-C"

Type: **Exchange**

Used in groups: **ListOrdGrp**

Used in messages: **CrossOrderCancelReplaceRequest, ExecutionReport, MultilegOrderCancelReplace, NewOrderCross, NewOrderMultileg, NewOrderSingle, OrderCancelReject, OrderCancelReplaceRequest, OrderCancelRequest, Quote, QuoteResponse, QuoteStatusReport**

**170.2.1033 ExDestinationIDSource**

The ID source of ExDestination

Type: **char**

Allowed values in ExDestinationIDSourceCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
B	BIC	BIC (Bank Identification Code) (ISO 9362)
C	GeneralIdentifier	Generally accepted market participant identifier (e.g. NASD mnemonic)
D	Proprietary	Proprietary / Custom code

---

---

Code	Name	Description
E	ISOCountryCode	ISO Country Code
G	MIC	MIC (ISO 10383 - Market Identifier Code)

---

Used in groups: [ListOrdGrp](#)

Used in messages: [CrossOrderCancelReplaceRequest](#), [ExecutionReport](#), [MultilegOrderCancelReplace](#), [NewOrderCross](#), [NewOrderMultileg](#), [NewOrderSingle](#), [OrderCancelReject](#), [OrderCancelReplaceRequest](#), [OrderCancelRequest](#), [Quote](#), [QuoteResponse](#), [QuoteStatusReport](#)

### 170.2.1034 ExDestinationType

Identifies the type of execution destination for the order.

Type: [int](#)

Allowed values in ExDestinationTypeCodeSet:

---

Code	Name	Description
0	NoRestriction	No restriction. May be used for MiFID II to indicate no restriction on where the order is executed.
1	TradedOnlyOnTradingVenue	Can be traded only on a trading venue. May be used for MiFID II to indicate the order can only be executed on a trading venue.
2	TradedOnlyOnSI	Can be traded only on a Systematic Internaliser (SI). May be used for MiFID II to indicate the order can only be executed on a Systematic Internaliser.
3	TradedOnTradingVenueOrSI	Can be traded on a trading venue or Systematic internaliser (SI). May be used for MiFID II to indicate the order can be executed on either a trading venue or a Systematic Internaliser.

---

Used in components: [TradeReportOrderDetail](#)

Used in messages: [ExecutionReport](#), [MultilegOrderCancelReplace](#), [NewOrderMultileg](#), [NewOrderSingle](#), [OrderCancelReplaceRequest](#)

### 170.2.1035 ExecAckStatus

The status of this execution acknowledgement message.



Type: **char**

Allowed values in ExecAckStatusCodeSet:

Code	Name	Description
0	Received	Received, not yet processed
1	Accepted	Accepted
2	DontKnow	Don't know / Rejected

Used in messages: **ExecutionAck**

### 170.2.1036 ExecAllocGrp

This repeating group is used to identify individual executions or trades, including key fields such as quantity and price of the execution or trade, that are part of the allocation.

Name	Mult.	Type	Description
NoExecs	[1..1]	NumInGroup	Indicates number of individual execution or trade entries. Absence indicates that no individual execution or trade entries are included. Primarily used to support step-outs.
LastQty	[0..1]	Qty	Amount of quantity (e.g. number of shares) in individual execution. Required if NoExecs > 0
ExecID	[0..1]	String	
SecondaryExecID	[0..1]	String	
LastPx	[0..1]	Price	Price of individual execution. Required if NoExecs > 0. For FX, if specified, expressed in terms of Currency(15).
LastParPx	[0..1]	Price	Last price expressed in percent-of-par. Conditionally required for Fixed Income trades when LastPx is expressed in Yield, Spread, Discount or any other price type
LastCapacity	[0..1]	CodeSet	Used to identify whether the trade was executed on an agency or principal basis.
TradeID	[0..1]	String	
FirmTradeID	[0..1]	String	
TrdMatchID	[0..1]	String	Used to identify the match event resulting in the execution or trade.

Name	Mult.	Type	Description
ExecutionTimestamp	[0..1]	UTCTimestamp	
TradeReportingIndicator	[0..1]	CodeSet	
TrdRegPublicationGrp	[0..*]	Group	
TradePriceConditionGrp	[0..*]	Group	

Used in messages: [AllocationInstruction](#), [AllocationInstructionAlert](#), [AllocationReport](#), [Confirmation](#)

### 170.2.1037 ExecCollGrp

Name	Mult.	Type	Description
NoExecs	[1..1]	NumInGroup	Executions for which collateral is required
ExecID	[0..1]	String	Required if NoExecs > 0

Used in messages: [CollateralAssignment](#), [CollateralInquiry](#), [CollateralInquiryAck](#), [CollateralReport](#), [CollateralRequest](#), [CollateralResponse](#)

### 170.2.1038 ExecID

Unique identifier of execution message as assigned by sell-side (broker, exchange, ECN) (will be 0 (zero) for ExecType (150)=I (Order Status)).

Uniqueness must be guaranteed within a single trading day or the life of a multi-day order. Firms which accept multi-day orders should consider embedding a date within the ExecID field to assure uniqueness across days.

(Prior to FIX 4.1 this field was of type int).

Type: [String](#)

Used in groups: [ExecAllocGrp](#), [ExecCollGrp](#), [ExecutionAggregationGrp](#)

Used in messages: [DontKnowTrade](#), [ExecutionAck](#), [ExecutionReport](#), [TradeCaptureReport](#), [TradeCaptureReportAck](#), [TradeCaptureReportRequest](#)

**170.2.1039 ExecInst**

Instructions for order handling on exchange trading floor. If more than one instruction is applicable to an order, this field can contain multiple instructions separated by space. \*\*\* SOME VALUES HAVE BEEN REPLACED - See "Replaced Features and Supported Approach" \*\*\* (see Volume : "Glossary" for value definitions)

Type: **MultipleCharValue**

Allowed values in ExecInstCodeSet:

Code	Name	Description
0	StayOnOfferSide	Stay on offer side
1	NotHeld	Not held
2	Work	Work
3	GoAlong	Go along
4	OverTheDay	Over the day
5	Held	Held
6	ParticipateDoNotInitiate	Participate don't initiate
7	StrictScale	Strict scale
8	TryToScale	Try to scale
9	StayOnBidSide	Stay on bid side
A	NoCross	No cross. Cross is forbidden.
B	OKToCross	OK to cross
C	CallFirst	Call first
D	PercentOfVolume	Percent of volume. Indicates that the sender does not want to be all of the volume on the floor vs. a specific percentage.
E	DoNotIncrease	Do not increase - DNI
F	DoNotReduce	Do not reduce - DNR
G	AllOrNone	All or none - AON
H	ReinstateOnSystemFailure	Reinstate on system failure. Mutually exclusive with Q and l (lower case L).
I	InstitutionsOnly	Institutions only
J	ReinstateOnTradingHalt	Reinstate on trading halt. Mutually exclusive with K and m.
K	CancelOnTradingHalt	Cancel on trading halt. Mutually exclusive with J and m.
L	LastPeg	Last peg (last sale)
M	MidPricePeg	Mid-price peg (midprice of inside quote)
N	NonNegotiable	Non-negotiable

Code	Name	Description
O	OpeningPeg	Opening peg
P	MarketPeg	Market peg
Q	CancelOnSystemFailure	Cancel on system failure. Mutually exclusive with H and l(lower case L).
R	PrimaryPeg	Primary peg. Primary market - buy at bid, sell at offer.
S	Suspend	Suspend
T	FixedPegToLocalBestBidOrOfferAt-TimeOfOrder	Fixed peg to local best bid or offer at time of order
U	CustomerDisplayInstruction	Customer display instruction. Used in US Markets for: SEC Rule 11Ac1-1/4.
V	Netting	Netting (for Forex)
W	PegToVWAP	Peg to VWAP
X	TradeAlong	Trade along
Y	TryToStop	Try to stop
Z	CancelIfNotBest	Cancel if not best
a	TrailingStopPeg	Trailing stop peg
b	StrictLimit	Strict limit. No price improvement.
c	IgnorePriceValidityChecks	Ignore price validity checks
d	PegToLimitPrice	Peg to limit price
e	WorkToTargetStrategy	Work to target strategy
f	IntermarketSweep	Intermarket sweep
g	ExternalRoutingAllowed	External routing allowed
h	ExternalRoutingNotAllowed	External routing not allowed
i	ImbalanceOnly	Imbalance only
j	SingleExecutionRequestedForBlock-Trade	Single execution requested for block trade
k	BestExecution	Best execution
l	SuspendOnSystemFailure	Suspend on system failure. Mutually exclusive with H and Q.
m	SuspendOnTradingHalt	Suspend on trading halt. Mutually exclusive with J and K.
n	ReinstateOnConnectionLoss	Reinstate on connection loss. Mutually exclusive with o and p.
o	CancelOnConnectionLoss	Cancel on connection loss. Mutually exclusive with n and p.
p	SuspendOnConnectionLoss	Suspend on connection loss. Mutually exclusive with n and o.
q	Release	Release. Mutually exclusive with S and w.
r	ExecuteAsDeltaNeutral	Execute as delta neutral using volatility provided
s	ExecuteAsDurationNeutral	Execute as duration neutral

Code	Name	Description
t	ExecuteAsFXNeutral	Execute as FX neutral
u	MinGuaranteedFillEligible	Minimum guaranteed fill eligible
v	BypassNonDisplayLiquidity	Bypass non-displayed liquidity
w	Lock	Lock. Mutually exclusive with q.
x	IgnoreNotionalValueChecks	Ignore notional value checks
y	TrdAtRefPx	Trade at reference price. In the context of Reg NMS and the Tick Size Pilot Program, this is intended to indicate the order should Trade At Intermarket Sweep Order (TAISO) price.
z	AllowFacilitation	Allow facilitation. Express explicit consent to receive facilitation services from the counterparty. Facilitation services are when an institutional client allows a broker to assume a risk-taking principal position rather than an agency position, to obtain liquidity or achieve a guaranteed execution price on the client's behalf. Interpretation of absence of this value needs to be bilaterally agreed, if applicable. In the context of Hong Kong's SFC, this can be used to comply with SFC regulations for disclosure of client facilitation.

Used in components: [TradeReportOrderDetail](#)

Used in groups: [ListOrdGrp](#), [MDFullGrp](#), [MDIncGrp](#)

Used in messages: [CrossOrderCancelReplaceRequest](#), [ExecutionReport](#), [MultilegOrderCancelReplace](#), [NewOrderCross](#), [NewOrderMultileg](#), [NewOrderSingle](#), [OrderCancelReplaceRequest](#)

#### 170.2.1040 ExecInstRules

Name	Mult.	Type	Description
<a href="#">NoExecInstRules</a>	[1..1]	NumInGroup	Number of execution instructions
<a href="#">ExecInstValue</a>	[0..1]	CodeSet	Indicates execution instructions that are valid for the specified market segment

Used in components: [TradingSessionRules](#)

Used in messages: [MarketDefinition](#), [MarketDefinitionUpdateReport](#)

**170.2.1041 ExecInstValue**

Indicates execution instructions that are valid for the specified market segment

Type: **MultipleCharValue**

Allowed values in ExecInstCodeSet:

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	StayOnOfferSide	Stay on offer side
1	NotHeld	Not held
2	Work	Work
3	GoAlong	Go along
4	OverTheDay	Over the day
5	Held	Held
6	ParticipateDoNotInitiate	Participate don't initiate
7	StrictScale	Strict scale
8	TryToScale	Try to scale
9	StayOnBidSide	Stay on bid side
A	NoCross	No cross. Cross is forbidden.
B	OKToCross	OK to cross
C	CallFirst	Call first
D	PercentOfVolume	Percent of volume. Indicates that the sender does not want to be all of the volume on the floor vs. a specific percentage.
E	DoNotIncrease	Do not increase - DNI
F	DoNotReduce	Do not reduce - DNR
G	AllOrNone	All or none - AON
H	ReinstateOnSystemFailure	Reinstate on system failure. Mutually exclusive with Q and l (lower case L).
I	InstitutionsOnly	Institutions only
J	ReinstateOnTradingHalt	Reinstate on trading halt. Mutually exclusive with K and m.
K	CancelOnTradingHalt	Cancel on trading halt. Mutually exclusive with J and m.
L	LastPeg	Last peg (last sale)
M	MidPricePeg	Mid-price peg (midprice of inside quote)
N	NonNegotiable	Non-negotiable
O	OpeningPeg	Opening peg
P	MarketPeg	Market peg

<b>Code</b>	<b>Name</b>	<b>Description</b>
Q	CancelOnSystemFailure	Cancel on system failure. Mutually exclusive with H and l(lower case L).
R	PrimaryPeg	Primary peg. Primary market - buy at bid, sell at offer.
S	Suspend	Suspend
T	FixedPegToLocalBestBidOrOfferAt-TimeOfOrder	Fixed peg to local best bid or offer at time of order
U	CustomerDisplayInstruction	Customer display instruction. Used in US Markets for: SEC Rule 11Ac1-1/4.
V	Netting	Netting (for Forex)
W	PegToVWAP	Peg to VWAP
X	TradeAlong	Trade along
Y	TryToStop	Try to stop
Z	CancelIfNotBest	Cancel if not best
a	TrailingStopPeg	Trailing stop peg
b	StrictLimit	Strict limit. No price improvement.
c	IgnorePriceValidityChecks	Ignore price validity checks
d	PegToLimitPrice	Peg to limit price
e	WorkToTargetStrategy	Work to target strategy
f	IntermarketSweep	Intermarket sweep
g	ExternalRoutingAllowed	External routing allowed
h	ExternalRoutingNotAllowed	External routing not allowed
i	ImbalanceOnly	Imbalance only
j	SingleExecutionRequestedForBlock-Trade	Single execution requested for block trade
k	BestExecution	Best execution
l	SuspendOnSystemFailure	Suspend on system failure. Mutually exclusive with H and Q.
m	SuspendOnTradingHalt	Suspend on trading halt. Mutually exclusive with J and K.
n	ReinstateOnConnectionLoss	Reinstate on connection loss. Mutually exclusive with o and p.
o	CancelOnConnectionLoss	Cancel on connection loss. Mutually exclusive with n and p.
p	SuspendOnConnectionLoss	Suspend on connection loss. Mutually exclusive with n and o.
q	Release	Release. Mutually exclusive with S and w.
r	ExecuteAsDeltaNeutral	Execute as delta neutral using volatility provided
s	ExecuteAsDurationNeutral	Execute as duration neutral
t	ExecuteAsFXNeutral	Execute as FX neutral
u	MinGuaranteedFillEligible	Minimum guaranteed fill eligible

Code	Name	Description
v	BypassNonDisplayLiquidity	Bypass non-displayed liquidity
w	Lock	Lock. Mutually exclusive with q.
x	IgnoreNotionalValueChecks	Ignore notional value checks
y	TrdAtRefPx	Trade at reference price. In the context of Reg NMS and the Tick Size Pilot Program, this is intended to indicate the order should Trade At Intermarket Sweep Order (TAISO) price.
z	AllowFacilitation	Allow facilitation. Express explicit consent to receive facilitation services from the counterparty. Facilitation services are when an institutional client allows a broker to assume a risk-taking principal position rather than an agency position, to obtain liquidity or achieve a guaranteed execution price on the client's behalf. Interpretation of absence of this value needs to be bilaterally agreed, if applicable. In the context of Hong Kong's SFC, this can be used to comply with SFC regulations for disclosure of client facilitation.

Used in groups: [ExecInstRules](#)

### 170.2.1042 ExecMethod

Specifies how the transaction was executed, e.g. via an automated execution platform or other method.

Type: [int](#)

Allowed values in ExecMethodCodeSet:

Code	Name	Description
0	Unspecified	Undefined/unspecified - (default when not specified). In the context of Market Model Typology (MMT), this value represents an off book non-automated transaction type.
1	Manual	Manual. The transaction was executed in a manual or other non-automated manner, e.g. by voice directly between the counterparties. Also used to identify MTT code M "Off Book Non-Automated".



Code	Name	Description
2	Automated	Automated. The transaction was executed on an automated execution platform such as an automated systematic internaliser system, broker crossing network, broker crossing system, dark pool trading, "direct to capital" systems, broker position unwind mechanisms, etc.
3	VoiceBrokered	Voice brokered. The transaction was negotiated by voice through an intermediary.

Used in groups: [MDFullGrp](#), [MDIncGrp](#)

Used in messages: [TradeCaptureReport](#)

### 170.2.1043 ExecPriceAdjustment

For CIV the amount or percentage by which the fund unit/share price was adjusted, as indicated by ExecPriceType (484)

Type: [float](#)

Used in messages: [ExecutionReport](#)

### 170.2.1044 ExecPriceType

For CIV - Identifies how the execution price LastPx (31) was calculated from the fund unit/share price(s) calculated at the fund valuation point.

Type: [char](#)

Allowed values in ExecPriceTypeCodeSet:

Code	Name	Description
B	BidPrice	Bid price
C	CreationPrice	Creation price
D	CreationPricePlusAdjustmentPercent	Creation price plus adjustment percent
E	CreationPricePlusAdjustmentAmount	Creation price plus adjustment amount
O	OfferPrice	Offer price
P	OfferPriceMinusAdjustmentPercent	Offer price minus adjustment percent

---

Code	Name	Description
Q	OfferPriceMinusAdjustmentAmount	Offer price minus adjustment amount
S	SinglePrice	Single price

---

Used in messages: [ExecutionReport](#)

#### 170.2.1045 ExecRefID

Reference identifier used with Trade, Trade Cancel and Trade Correct execution types.

(Prior to FIX 4.1 this field was of type int)

Type: [String](#)

Used in messages: [ExecutionReport](#), [TradeCaptureReport](#)

#### 170.2.1046 ExecRestatementReason

The reason for restatement when an ExecutionReport(35=8) or TradeCaptureReport(35=AE) message is sent with ExecType(150) = D (Restated) or used when communicating an unsolicited cancel.

Type: [int](#)

Allowed values in ExecRestatementReasonCodeSet:

---

Code	Name	Description
0	GTCorporateAction	GT corporate action
1	GTRenewal	GT renewal / restatement (no corporate action)
2	VerbalChange	Verbal change
3	RepricingOfOrder	Repricing of order
4	BrokerOption	Broker option
5	PartialDeclineOfOrderQty	Partial decline of OrderQty (e.g. exchange initiated partial cancel)
6	CancelOnTradingHalt	Cancel on Trading Halt
7	CancelOnSystemFailure	Cancel on System Failure
8	Market	Market (Exchange) option
9	Canceled	Canceled, not best
10	WarehouseRecap	Warehouse Recap

---

Code	Name	Description
11	PegRefresh	Peg Refresh
12	CancelOnConnectionLoss	Cancel On Connection Loss
13	CancelOnLogout	Cancel On Logout
14	AssignTimePriority	Assign Time Priority
15	CancelledForTradePriceViolation	Cancelled, Trade Price Violation
16	CancelledForCrossImbalance	Cancelled, Cross Imbalance
17	CxldSMP	Cancelled, self-match prevention. Cancelled order based on standing rules for self-match prevention (i.e. SelfMatchPreventionInstruction(2964) not specified or used).
18	CxldSMPAggressive	Cancelled, self-match prevention aggressive order. Cancelled due to incoming order with the same SelfMatchPreventionID(2362) and SelfMatchPreventionInstruction(2964)=1 (Cancel aggressive).
19	CxldSMPPassive	Cancelled, self-match prevention passive order. Cancelled due to incoming order with the same SelfMatchPreventionID(2362) and SelfMatchPreventionInstruction(2964)=2 (Cancel passive).
20	CxldSMPAggressivePassive	Cancelled, self-match prevention aggressive and passive order. Cancelled due to incoming order with the same SelfMatchPreventionID(2362) and SelfMatchPreventionInstruction(2964)=3 (Cancel aggressive and passive).
99	Other	Other

Used in messages: [ExecutionReport](#), [TradeCaptureReport](#), [TradeCaptureReportAck](#)

### 170.2.1047 ExecType

Describes the specific ExecutionRpt (e.g. Pending Cancel) while OrdStatus(39) will always identify the current order status (e.g. Partially Filled).

Type: [char](#)

Allowed values in ExecTypeCodeSet:

Code	Name	Description
0	New	New
3	DoneForDay	Done for day

Code	Name	Description
4	Canceled	Canceled
5	Replaced	Replaced
6	PendingCancel	Pending Cancel (e.g. result of Order Cancel Request)
7	Stopped	Stopped
8	Rejected	Rejected
9	Suspended	Suspended
A	PendingNew	Pending New
B	Calculated	Calculated
C	Expired	Expired
D	Restated	Restated (Execution Report sent unsolicited by sellside, with ExecRestatementReason (378) set)
E	PendingReplace	Pending Replace (e.g. result of Order Cancel/Replace Request)
F	Trade	Trade (partial fill or fill)
G	TradeCorrect	Trade Correct
H	TradeCancel	Trade Cancel
I	OrderStatus	Order Status
J	TradeInAClearingHold	Trade in a Clearing Hold
K	TradeHasBeenReleasedToClearing	Trade has been released to Clearing
L	TriggeredOrActivatedBySystem	Triggered or Activated by System
M	Locked	Locked
N	Released	Released

---

Used in groups: [OrderEntryAckGrp](#)

Used in messages: [ExecutionReport](#), [TradeCaptureReport](#), [TradeCaptureReportAck](#), [TradeCaptureReportRequest](#)

### 170.2.1048 ExecTypeReason

The initiating event when an ExecutionReport(35=8) is sent.

Type: [int](#)

Allowed values in ExecTypeReasonCodeSet:

Code	Name	Description
1	OrdAddedOnRequest	Order added upon request
2	OrdReplacedOnRequest	Order replaced upon request
3	OrdCxlOnRequest	Order cancelled upon request
4	UnsolicitedOrdCxl	Unsolicited order cancellation
5	NonRestingOrdAddedOnRequest	Non-resting order added upon request
6	OrdReplacedWithNonRestingOrdOnRequest	Order replaced with non-resting order upon request
7	TriggerOrdReplacedOnRequest	Trigger order replaced upon request
8	SuspendedOrdReplacedOnRequest	Suspended order replaced upon request
9	SuspendedOrdCxlOnRequest	Suspended order canceled upon request
10	OrdCxlPending	Order cancellation pending
11	PendingCxlExecuted	Pending cancellation executed
12	RestingOrdTriggered	Resting order triggered
13	SuspendedOrdActivated	Suspended order activated
14	ActiveOrdSuspended	Active order suspended
15	OrdExpired	Order expired

Used in groups: [OrderEntryAckGrp](#)

Used in messages: [ExecutionReport](#)

### 170.2.1049 ExecutionAggregationGrp

Identifies the fills being aggregated together.

Name	Mult.	Type	Description
NoExecs	[1..1]	NumInGroup	
LastQty	[0..1]	Qty	Required if NoExecs(124) > 0
ExecID	[0..1]	String	Either ExecID(17) or TradeID(1003) must be specified.
TradeID	[0..1]	String	Either ExecID(17) or TradeID(1003) must be specified.
LastPx	[0..1]	Price	

Used in messages: [TradeAggregationRequest](#)

**170.2.1050 ExecutionTimestamp**

Time of the individual execution.

Type: **UTCTimestamp**

Used in groups: **ExecAllocGrp**

**170.2.1051 ExecValuationPoint**

For CIV - a date and time stamp to indicate the fund valuation point with respect to which a order was priced by the fund manager.

Type: **UTCTimestamp**

Used in messages: **ExecutionReport**

**170.2.1052 ExerciseConfirmationMethod**

Indicates whether follow-up confirmation of exercise (written or electronic) is required following telephonic notice by the buyer to the seller or seller's agent.

Type: **int**

Allowed values in ExerciseConfirmationMethodCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	NotRequired	Not required
1	NonElectronic	Non-electronic
2	Electronic	Electronic
3	Unknown	Unknown at time of report

---

Used in components: **OptionExercise**

**170.2.1053 ExerciseDesc**

A description of the option exercise.

Type: **String**

Used in components: **OptionExercise**

**170.2.1054 ExerciseMethod**

Exercise Method used to in performing assignment.

Type: **char**

Allowed values in ExerciseMethodCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
A	Automatic	Automatic
M	Manual	Manual

---

Used in messages: **AssignmentReport**

**170.2.1055 ExerciseSplitTicketIndicator**

Indicates in physical settlement of bond and convertible bond options whether the party required to deliver the bonds will divide those to be delivered as notifying party desires to facilitate delivery obligations.

Type: **Boolean**

Used in components: **OptionExercise**

**170.2.1056 ExerciseStyle**

Type of exercise of a derivatives security

Type: **int**

Allowed values in ExerciseStyleCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	European	European
1	American	American
2	Bermuda	Bermuda
99	Other	Other

---

Used in components: **Instrument**

**170.2.1057 ExpirationCycle**

Part of trading cycle when an instrument expires. Field is applicable for derivatives.

Type: **int**

Allowed values in ExpirationCycleCodeSet:

---

Code	Name	Description
0	ExpireOnTradingSessionClose	Expire on trading session close (default)
1	ExpireOnTradingSessionOpen	Expire on trading session open
2	SpecifiedExpiration	Trading eligibility expiration specified in the date and time fields [EventDate(866) and EventTime(1145)] associated with EventType(865)=7(Last Eligible Trade Date)

---

Used in components: **BaseTradingRules**

Used in messages: **SecurityDefinitionRequest**

**170.2.1058 ExpirationQty**

The ExpirationQty component block identified the expiration quantities and type of expiration.

---

Name	Mult.	Type	Description
NoExpiration	[1..1]	NumInGroup	
ExpirationQtyType	[0..1]	CodeSet	Required if NoExpiration > 1
ExpQty	[0..1]	Qty	

---

Used in messages: **ContraryIntentionReport**

**170.2.1059 ExpirationQtyType**

Expiration Quantity type

Type: **int**

Allowed values in ExpirationQtyTypeCodeSet:



---

Code	Name	Description
1	AutoExercise	Auto Exercise
2	NonAutoExercise	Non Auto Exercise
3	FinalWillBeExercised	Final Will Be Exercised
4	ContraryIntention	Contrary Intention
5	Difference	Difference

---

Used in groups: [ExpirationQty](#)

### **170.2.1060 ExpireDate**

Date of order expiration (last day the order can trade), always expressed in terms of the local market date. The time at which the order expires is determined by the local market's business practices

Type: [LocalMktDate](#)

Used in groups: [ListOrdGrp](#), [MDFullGrp](#), [MDIncGrp](#)

Used in messages: [AssignmentReport](#), [CrossOrderCancelReplaceRequest](#), [ExecutionReport](#), [Multi-legOrderCancelReplace](#), [NewOrderCross](#), [NewOrderMultileg](#), [NewOrderSingle](#), [OrderCancelReplaceRequest](#)

### **170.2.1061 ExpireTime**

Time/Date of order expiration (always expressed in UTC (Universal Time Coordinated, also known as "GMT"))

The meaning of expiration is specific to the context where the field is used.

For orders, this is the expiration time of a Good Til Date TimeInForce.

For Quotes - this is the expiration of the quote.

Expiration time is provided across the quote message dialog to control the length of time of the overall quoting process.

For collateral requests, this is the time by which collateral must be assigned.

For collateral assignments, this is the time by which a response to the assignment is expected.

For credit/risk limit checks, this is the time when the reserved credit limit will expire for the requested transaction.

Type: **UTCTimestamp**

Used in components: **TradeReportOrderDetail**

Used in groups: **ListOrdGrp, MDFullGrp, MDIncGrp, QuotReqGrp, QuotReqRjctGrp, SettInstGrp, SettObligationInstructions**

Used in messages: **CollateralAssignment, CollateralRequest, CrossOrderCancelReplaceRequest, ExecutionReport, MultilegOrderCancelReplace, NewOrderCross, NewOrderMultileg, NewOrderSingle, OrderCancelReplaceRequest, PartyRiskLimitCheckRequestAck, QuoteStatusReport, SettlementInstructionRequest**

### **170.2.1062 ExposureDuration**

This is the time in seconds of a "Good for Time" (GFT) TimeInForce.

Positive integer value which represents the time in seconds in which the new order remains active in the market before it is automatically cancelled (e.g. expired).

Bi-lateral agreements will dictate the maximum value of this field. It is assumed that most systems will impose a max limit of 86,400 seconds (i.e. 24 hours).

For Quotes: The period of time a quoted price is tradable (i.e. on-the-wire) before it becomes indicative (i.e. off-the-wire).

Type: **int**

Used in components: **MDStatisticParameters, TradeReportOrderDetail**

Used in groups: **ListOrdGrp, MDFullGrp, MDIncGrp, QuotReqGrp**

Used in messages: **CrossOrderCancelReplaceRequest, ExecutionReport, MultilegOrderCancelReplace, NewOrderCross, NewOrderMultileg, NewOrderSingle, OrderCancelReplaceRequest, Quote**

### **170.2.1063 ExposureDurationUnit**

Time unit in which the ExposureDuration(1629) is expressed.

Type: **int**

Allowed values in OrderDelayUnitCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	Seconds	Seconds (default if not specified)

---

Code	Name	Description
1	TenthsOfASecond	Tenths of a second
2	HundredthsOfASecond	Hundredths of a second
3	Milliseconds	milliseconds
4	Microseconds	microseconds
5	Nanoseconds	nanoseconds
10	Minutes	minutes
11	Hours	hours
12	Days	days
13	Weeks	weeks
14	Months	months
15	Years	years

Used in components: [MDStatisticParameters](#), [TradeReportOrderDetail](#)

Used in groups: [ListOrdGrp](#), [MDFullGrp](#), [MDIncGrp](#), [QuotReqGrp](#)

Used in messages: [CrossOrderCancelReplaceRequest](#), [ExecutionReport](#), [MultilegOrderCancelReplace](#), [NewOrderCross](#), [NewOrderMultileg](#), [NewOrderSingle](#), [OrderCancelReplaceRequest](#), [Quote](#)

### 170.2.1064 ExpQty

Expiration Quantity associated with the Expiration Type

Type: [Qty](#)

Used in groups: [ExpirationQty](#)

### 170.2.1065 ExtraordinaryDividendAmountType

Indicates how the extraordinary gross cash dividend per share is determined.

Type: [int](#)

Allowed values in DividendAmountTypeCodeSet:

Code	Name	Description
0	RecordAmount	Record amount. 100% of the gross cash dividend per share paid over record date during relevant dividend period.

Code	Name	Description
1	ExAmount	Ex amount. 100% of gross cash dividend per share paid after the ex-dividend date during relevant dividend period.
2	PaidAmount	Paid amount. 100% of gross cash dividend per share paid during relevant dividend period.
3	PerMasterConfirm	As specified in master confirmation. The amount is determined as provided in the relevant master confirmation.

Used in components: [DividendConditions](#)

### 170.2.1066 ExtraordinaryDividendCurrency

The currency in which the excess dividend is denominated. Uses ISO 4217 currency codes.

Type: [Currency](#)

Used in components: [DividendConditions](#)

### 170.2.1067 ExtraordinaryDividendDeterminationMethod

Specifies the method in which the excess amount is determined.

See <http://www.fpml.org/coding-scheme/determination-method> for values.

Type: [String](#)

Used in components: [DividendConditions](#)

### 170.2.1068 ExtraordinaryDividendPartySide

Reference to the party through its side in the trade who makes the determination whether dividends are extraordinary in relation to normal levels.

Type: [int](#)

Allowed values in PaymentStreamCapRateBuySideCodeSet:

Code	Name	Description
1	Buyer	Buyer of the trade
2	Seller	Seller of the trade

Used in components: [DividendConditions](#)

### 170.2.1069 ExtraordinaryEventAdjustmentMethod

Defines how adjustments will be made to the contract should one or more of the extraordinary events occur.

Type: [int](#)

Allowed values in ExtraordinaryEventAdjustmentMethodCodeSet:

Code	Name	Description
0	CalculationAgent	Calculation agent. The Calculation Agent has the right to adjust the terms of the trade following a corporate action.
1	OptionsExchange	Options exchange. The trade will be adjusted in accordance with any adjustment made by the exchange on which options on the underlying are listed.

Used in components: [Instrument](#)

### 170.2.1070 ExtraordinaryEventGrp

The ExtraordinaryEventGrp is a repeating component within the Instrument component. It is used to report extraordinary and disruptive events applicable to the reference entity that affects the contract.

Name	Mult.	Type	Description
<a href="#">NoExtraordinaryEvents</a>	[1..1]	NumInGroup	
<a href="#">ExtraordinaryEventType</a>	[0..1]	String	Required if NoExtraordinaryEvents(42296) > 0.
<a href="#">ExtraordinaryEventValue</a>	[0..1]	String	Required if NoExtraordinaryEvents(42296) > 0.

Used in components: [Instrument](#)

### 170.2.1071 ExtraordinaryEventType

Identifies the type of extraordinary or disruptive event applicable to the reference entity.

See [http://www.fixtradingcommunity.org/codelists#Extraordinary\\_Event\\_Type](http://www.fixtradingcommunity.org/codelists#Extraordinary_Event_Type) for code list of extraordinary event types and values.

Type: **String**

Used in groups: **ExtraordinaryEventGrp**

#### **170.2.1072 ExtraordinaryEventValue**

The extraordinary or disruptive event value appropriate to ExtraordinaryEventType(42297).

See [http://www.fixtradingcommunity.org/codelists#Extraordinary\\_Event\\_Type](http://www.fixtradingcommunity.org/codelists#Extraordinary_Event_Type) for code list of extraordinary event types and values.

Type: **String**

Used in groups: **ExtraordinaryEventGrp**

#### **170.2.1073 Factor**

For Fixed Income: Amorization Factor for deriving Current face from Original face for ABS or MBS securities, note the fraction may be greater than, equal to or less than . In TIPS securities this is the Inflation index.

$Qty * Factor * Price = \text{Gross Trade Amount}$

For Derivatives: Contract Value Factor by which price must be adjusted to determine the true nominal value of one futures/options contract.

$(Qty * Price) * Factor = \text{Nominal Value}$

(Note tag # was reserved in FIX 4.1, added in FIX 4.3)

Type: **float**

Used in components: **Instrument**

#### **170.2.1074 FairValue**

Used in EFP trades

Type: **Amt**

Used in groups: **BidCompRspGrp, BidDescReqGrp**

**170.2.1075 FallbackExerciseIndicator**

Indicates whether the notional amount of the underlying swap, not previously exercised under the option, will be automatically exercised at the expiration time on the expiration date if at such time the buyer is in-the-money, provided that the difference between the settlement rate and the fixed rate under the relevant underlying swap is not less than one tenth of a percentage point (0.10% or 0.001).

Type: **Boolean**

Used in components: **OptionExercise**

**170.2.1076 FastMarketIndicator**

Indicates if the instrument is in "fast market" state.

Type: **Boolean**

Used in groups: **MDFullGrp, MDIncGrp, QuoteSizeRuleGrp**

Used in messages: **MarketDataRequest, SecurityMassStatus, SecurityStatus, TradingSessionStatus**

**170.2.1077 FastMarketPercentage**

The percentage factor to be applied to trading rule parameters (e.g. price ranges, size ranges, etc.) when fast market conditions are applicable.

Type: **Percentage**

Used in components: **BaseTradingRules**

**170.2.1078 FeeMultiplier**

This is a multiplier that Clearing (Fee system) will use to calculate fees and will be sent to the firms on their confirms.

Type: **float**

Used in messages: **TradeCaptureReport, TradeCaptureReportAck**

**170.2.1079 FillExecID**

Refer to ExecID(17). Used when multiple partial fills are reported in single Execution Report. ExecID and FillExecID should not overlap,

Type: **String**

Used in groups: **FillsGrp**

### 170.2.1080 FillLiquidityInd

Indicator to identify whether this fill was a result of a liquidity provider providing or liquidity taker taking the liquidity. Applicable only for OrdStatus of Partial or Filled

Type: **int**

Allowed values in LastLiquidityIndCodeSet:

Code	Name	Description
0	NeitherAddedNorRemovedLiquidity	Neither added nor removed liquidity. May be used by venues where market rules do not define "add" or "remove" liquidity. In the context of the SEC amendment of Regulation NMS Rule 606(b), may be used to identify executions that are only reported as part of total shares executed and not as part of shares providing or removing liquidity (see <a href="https://www.sec.gov/rules/final/2018/34-84528.pdf">https://www.sec.gov/rules/final/2018/34-84528.pdf</a> for details).
1	AddedLiquidity	Added Liquidity
2	RemovedLiquidity	Removed Liquidity
3	LiquidityRoutedOut	Liquidity Routed Out
4	Auction	Auction execution
5	TriggeredStopOrder	Triggered stop order. Fill was the result of a stop order being triggered and immediately executed.
6	TriggeredContingencyOrder	Triggered contingency order. Fill was the result of a contingency order (OCO, OTO, OTO) becoming active (after cancelling or updating another order) and being immediately executed.
7	TriggeredMarketOrder	Triggered market order. Fill was the result of a market order being triggered due to an executable orderbook situation.
8	RemovedLiquidityAfterFirmOrder-Commitment	Removed liquidity after firm order commitment. An order that was submitted for continuous trading that required a firm order commit prior to execution. "Conditional order" is an alternate term used for such orders.
9	AuctionExecutionAfterFirmOrder-Commitment	Auction execution after firm order commitment. An order that was submitted for auction trading that required a firm order commit prior to execution. "Conditional order" is an alternate term used for such orders.
10	Unknown	Unknown. The liquidity indicator of the execution cannot be determined or was not provided upon execution.



Code	Name	Description
11	Other	Other. None of the existing liquidity indicators are applicable for the execution (e.g. due to a venue's new order type that does not fit existing values).

Used in groups: [FillsGrp](#)

#### **170.2.1081 FillMatchID**

Identifier assigned by a matching system to a match event containing multiple executions.

Type: [String](#)

Used in groups: [FillsGrp](#)

#### **170.2.1082 FillMatchSubID**

Identifier assigned by a matching system to a price level (e.g. match step, clip) within a match event containing multiple executions.

Type: [String](#)

Used in groups: [FillsGrp](#)

#### **170.2.1083 FillPx**

Price of Fill. Refer to LastPx(31).

Type: [Price](#)

Used in groups: [FillsGrp](#)

#### **170.2.1084 FillQty**

Quantity of Fill. Refer to LastQty(32).

Type: [Qty](#)

Used in groups: [FillsGrp](#)

**170.2.1085 FillRefID**

A reference to either the value of the FillExecID(1363) or an implicit position of a fills instance in the FillsGrp component.

Type: **String**

Used in groups: **InstrmtLegExecGrp**

**170.2.1086 FillsGrp**

<b>Name</b>	<b>Mult.</b>	<b>Type</b>	<b>Description</b>
<b>NoFills</b>	[1..1]	NumInGroup	Specifies the number of partial fills included in this Execution Report
<b>FillExecID</b>	[0..1]	String	Unique identifier of execution as assigned by sell-side (broker, exchange, ECN). Must not overlap ExecID(17). Required if NoFills(1362) > 0.
<b>FillPx</b>	[0..1]	Price	Price of this partial fill. Required if NoFills(1362) > 0. Refer to LastPx(31).
<b>FillQty</b>	[0..1]	Qty	Quantity (e.g. shares) bought/sold on this partial fill. Required if NoFills(1362) > 0.
<b>FillMatchID</b>	[0..1]	String	Can be used to refer to the related match event.
<b>FillMatchSubID</b>	[0..1]	String	Can be used to refer to a price level (e.g. match step, clip) within the related match event.
<b>FillLiquidityInd</b>	[0..1]	CodeSet	
<b>FillYieldType</b>	[0..1]	String	
<b>FillYield</b>	[0..1]	Percentage	
<b>NestedParties4</b>	[0..*]	Group	Contraparty information

Used in messages: **ExecutionReport**

**170.2.1087 FillYield**

Yield Percentage, using same values as Yield (236)

Type: **Percentage**

Used in groups: **FillsGrp**

**170.2.1088 FillYieldType**

Yield Type, using same values as YieldType (235)

Type: **String**

Used in groups: **FillsGrp**

**170.2.1089 FinancialInstrumentFullName**

The full normative name of the financial instrument.

Type: **String**

Used in components: **Instrument**

**170.2.1090 FinancialInstrumentShortName**

Short name of the financial instrument. Uses ISO 18774 (FINS) values.

Type: **String**

Used in components: **Instrument**

**170.2.1091 FinancialStatus**

Identifies a firm's or a security's financial status

Type: **MultipleCharValue**

Allowed values in FinancialStatusCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
1	Bankrupt	Bankrupt
2	PendingDelisting	Pending delisting
3	Restricted	Restricted

---

Used in groups: **MDIncGrp**, **SecMassStatGrp**

Used in messages: **CollateralReport**, **CollateralResponse**, **MarketDataSnapshotFullRefresh**, **SecurityStatus**

### 170.2.1092 FinancingContractualDefinitionGrp

The FinancingContractualDefinitionGrp is a repeating component within the FinancingDetails component used to report the definitions published by ISDA that define the terms of a derivative trade.

Name	Mult.	Type	Description
NoContractualDefinitions	[1..1]	NumInGroup	
ContractualDefinition	[0..1]	String	Required if NoContractualDefinitions(40040) > 0.

Used in components: [FinancingDetails](#)

### 170.2.1093 FinancingContractualMatrixGrp

The FinancingContractualMatrixGrp is a repeating component within the FinancingDetails component used to report the ISDA Physical Settlement Matrix Transaction Type.

Name	Mult.	Type	Description
NoContractualMatrices	[1..1]	NumInGroup	
ContractualMatrixSource	[0..1]	String	Required if NoContractualMatrices(40042) > 0.
ContractualMatrixDate	[0..1]	LocalMktDate	
ContractualMatrixTerm	[0..1]	String	

Used in components: [FinancingDetails](#)

### 170.2.1094 FinancingDetails

Component block is optionally used for financial transaction where legal contracts, master agreements or master confirmations is to be referenced. This component identifies the legal agreement under which the deal was made and other unique characteristics of the transaction. For example, the AgreementDesc(913) field refers to base standard documents such as MRA 1996 Repurchase Agreement, GMRA 2000 Bills Transaction (U.K.), MSLA 1993 Securities Loan – Amended 1998, for example.

Name	Mult.	Type	Description
AgreementDesc	[0..1]	String	The full name of the base standard agreement, annexes and amendments in place between the principals and applicable to this deal
AgreementID	[0..1]	String	A common reference to the applicable standing agreement between the principals
AgreementVersion	[0..1]	String	
AgreementDate	[0..1]	LocalMktDate	A reference to the date the underlying agreement was executed.
AgreementCurrency	[0..1]	Currency	Currency of the underlying agreement.
AgreementCurrencyCodeSource	[0..1]	CodeSet	
MasterConfirmationDesc	[0..1]	String	
MasterConfirmationDate	[0..1]	LocalMktDate	
MasterConfirmationAnnexDesc	[0..1]	String	
MasterConfirmationAnnexDate	[0..1]	LocalMktDate	
BrokerConfirmationDesc	[0..1]	String	
FinancingContractualDefinitionGrp	[0..*]	Group	
FinancingTermSupplementGrp	[0..*]	Group	
FinancingContractualMatrixGrp	[0..*]	Group	
CreditSupportAgreementDesc	[0..1]	String	
CreditSupportAgreementDate	[0..1]	LocalMktDate	
CreditSupportAgreementID	[0..1]	String	
GoverningLaw	[0..1]	String	
DocumentationText	[0..1]	String	
EncodedDocumentationTextLen	[0..1]	Length	Must be set if EncodedDocumentationText(1527) field is specified and must immediately precede it.
EncodedDocumentationText	[0..1]	data	Encoded (non-ASCII characters) representation of the DocumentationText(1513) field in the encoded format specified via the MessageEncoding(347) field.
TerminationType	[0..1]	CodeSet	For Repos the timing or method for terminating the agreement.
StartDate	[0..1]	LocalMktDate	Settlement date of the beginning of the deal
EndDate	[0..1]	LocalMktDate	Repayment / repurchase date
DeliveryType	[0..1]	CodeSet	Delivery or custody arrangement for the underlying securities

<b>MarginRatio</b>	[0..1]	Percentage	Percentage of cash value that underlying security collateral must meet.
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Used in groups: **InstrmtGrp**, **InstrmtMDReqGrp**, **MDIncGrp**, **QuotCxlEntriesGrp**, **QuotReqGrp**, **QuotReqRjctGrp**, **SecListGrp**, **SecLstUpdRelSymGrp**, **SecMassStatGrp**

Used in messages: **Advertisement**, **AllocationInstruction**, **AllocationInstructionAlert**, **AllocationReport**, **CollateralAssignment**, **CollateralInquiry**, **CollateralInquiryAck**, **CollateralReport**, **CollateralRequest**, **CollateralResponse**, **Confirmation**, **ExecutionReport**, **IOI**, **MarketDataSnapshotFullRefresh**, **MarketDataStatisticsReport**, **MarketDataStatisticsRequest**, **NewOrderSingle**, **OrderCancelReplaceRequest**, **OrderCancelRequest**, **OrderStatusRequest**, **PositionReport**, **Quote**, **QuoteResponse**, **QuoteStatusReport**, **QuoteStatusRequest**, **SecurityDefinition**, **SecurityDefinitionRequest**, **SecurityDefinitionUpdateReport**, **SecurityListRequest**, **SecurityStatus**, **SecurityStatusRequest**, **TradeCaptureReport**, **TradeCaptureReportAck**, **TradeCaptureReportRequest**

#### 170.2.1095 **FinancingTermSupplementDate**

The publication date of the applicable version of the contractual supplement.

Type: **LocalMktDate**

Used in groups: **FinancingTermSupplementGrp**

#### 170.2.1096 **FinancingTermSupplementDesc**

Identifies the applicable contractual supplement. See <http://www.fpml.org/coding-scheme/contractual-supplement> for values.

Type: **String**

Used in groups: **FinancingTermSupplementGrp**

#### 170.2.1097 **FinancingTermSupplementGrp**

The **FinancingTermSupplementGrp** is a repeating component within the **FinancingDetails** component used to report contractual terms supplements of derivative trades.

Name	Mult.	Type	Description
<b>NoFinancingTermSupplements</b>	[1..1]	NumInGroup	

Name	Mult.	Type	Description
FinancingTermSupplementDesc	[0..1]	String	Required if NoFinancingTermSupplements(40046) > 0.
FinancingTermSupplementDate	[0..1]	LocalMktDate	

Used in components: [FinancingDetails](#)

#### **170.2.1098 FirmAllocText**

Firm reference information, usually internal information, that is part of the initial message. The information would not be carried forward (e.g to Take-up Firm) and preserved with the transaction.

Type: [String](#)

Used in groups: [AllocAckGrp](#), [AllocGrp](#), [TrdAllocGrp](#)

#### **170.2.1099 FirmGroupID**

Firm assigned group allocation entity identifier.

Type: [String](#)

Used in messages: [AllocationInstruction](#), [AllocationInstructionAck](#), [AllocationInstructionAlert](#), [AllocationReport](#), [AllocationReportAck](#)

#### **170.2.1100 FirmMnemonic**

Allocation identifier assigned by the Firm submitting the allocation for an individual allocation instruction (as opposed to the overall message level identifier).

Type: [String](#)

Used in groups: [AllocAckGrp](#), [AllocGrp](#), [TrdAllocGrp](#)

#### **170.2.1101 FirmTradeEventID**

An identifier created by the trading party for the life cycle event associated with this report.

Type: [String](#)

Used in groups: [TrdCapRptSideGrp](#)

**170.2.1102 FirmTradeID**

The ID assigned to a trade by the Firm to track a trade within the Firm system. This ID can be assigned either before or after submission to the exchange or central counterparty

Type: **String**

Used in groups: **ExecAllocGrp**

Used in messages: **TradeCaptureReport, TradeCaptureReportAck, TradeCaptureReportRequest, Trade-CaptureReportRequestAck**

**170.2.1103 FirmTransactionID**

The unique transaction entity identifier assigned by the firm.

Type: **String**

Used in messages: **CollateralAssignment, CollateralReport, CollateralResponse**

**170.2.1104 FirstPx**

Indicates the first trade price of the day/session

Type: **Price**

Used in groups: **MDFullGrp, MDIncGrp**

Used in messages: **SecurityStatus**

**170.2.1105 FlexibleIndicator**

Used to indicate a derivatives security that can be defined using flexible terms. The terms commonly permitted to be defined by market participants are expiration date and strike price. FlexibleIndicator is an alternative CFICode(461) Standard/Non-standard attribute.

Type: **Boolean**

Used in components: **Instrument**



**170.2.1106 FlexProductEligibilityComplex**

Identifies an entire suite of products which are eligible for the creation of flexible securities.

Type: **String**

Used in groups: **FlexProductEligibilityGrp**

**170.2.1107 FlexProductEligibilityGrp**

The FlexProductEligibilityGrp component is used to specify whether securities within a product group or complex are eligible for creating flexible securities.

---

<b>Name</b>	<b>Mult.</b>	<b>Type</b>	<b>Description</b>
<b>NoFlexProductEligibilities</b>	[1..1]	NumInGroup	
<b>FlexProductEligibilityIndicator</b>	[0..1]	Boolean	Required if NoFlexProductEligibilities(2560) > 0.
<b>FlexProductEligibilityComplex</b>	[0..1]	String	Required if NoFlexProductEligibilities(2560) > 0. Used to specify a product suite related to an eligibility indicator.

---

Used in messages: **MarketDefinition**, **MarketDefinitionUpdateReport**

**170.2.1108 FlexProductEligibilityIndicator**

Used to indicate if a product or group of product supports the creation of flexible securities

Type: **Boolean**

Used in components: **Instrument**

Used in groups: **FlexProductEligibilityGrp**

**170.2.1109 FloatingRateIndex**

Used to identify the rate index for a floating rate coupon.

---

<b>Name</b>	<b>Mult.</b>	<b>Type</b>	<b>Description</b>
<b>FloatingRateIndexID</b>	[0..1]	String	Conditionally required when FloatingRateIndexIDSource(2732) is specified.

---

Name	Mult.	Type	Description
FloatingRateIndexIDSource	[0..1]	CodeSet	Conditionally required when FloatingRateIndexID(2731) is specified.
FloatingRateIndexCurveUnit	[0..1]	CodeSet	Conditionally required when FloatingRateIndexCurvePeriod(2728) is specified.
FloatingRateIndexCurvePeriod	[0..1]	int	Conditionally required when FloatingRateIndexCurveUnit(2730) is specified.
FloatingRateIndexCurveSpread	[0..1]	PriceOffset	

Used in components: [InstrumentExtension](#)

#### 170.2.1110 FloatingRateIndexCurvePeriod

Time unit multiplier for the floating rate index identified in FloatingRateIndexID(2731).

Type: [int](#)

Used in components: [FloatingRateIndex](#)

#### 170.2.1111 FloatingRateIndexCurveSpread

Spread from the floating rate index.

Type: [PriceOffset](#)

Used in components: [FloatingRateIndex](#)

#### 170.2.1112 FloatingRateIndexCurveUnit

Time unit associated with the floating rate index identified in FloatingRateIndexID(2731).

Type: [String](#)

Allowed values in PaymentStreamRateIndexCurveUnitCodeSet:

Code	Name	Description
D	Day	Day
Wk	Week	Week
Mo	Month	Month

Code	Name	Description
Yr	Year	Year

Used in components: [FloatingRateIndex](#)

### 170.2.1113 FloatingRateIndexID

Security identifier of the floating rate index.

Type: [String](#)

Used in components: [FloatingRateIndex](#)

### 170.2.1114 FloatingRateIndexIDSource

Source for the floating rate index identified in FloatingRateIndexID(2731).

Type: [String](#)

Allowed values in SecurityIDSourceCodeSet:

Code	Name	Description
1	CUSIP	CUSIP
2	SEDOL	SEDOL
3	QUIK	QUIK
4	ISINNumber	ISIN
5	RICCode	RIC
6	ISOCurrencyCode	ISO Currency Code (ISO 4217)
7	ISOCountryCode	ISO Country Code
8	ExchangeSymbol	Exchange symbol
9	ConsolidatedTapeAssociation	Consolidated Tape Association (CTA) Symbol (SIAC CTS/CQS line format)
A	BloombergSymbol	Bloomberg Symbol
B	Wertpapier	Wertpapier
C	Dutch	Dutch
D	Valoren	Valoren
E	Sicovam	Sicovam

Code	Name	Description
F	Belgian	Belgian
G	Common	"Common" (Clearstream and Euroclear)
H	ClearingHouse	Clearing house / Clearing organization
I	ISDAFpMLSpecification	ISDA/FpML product specification (XML in SecurityXML(1185))
J	OptionPriceReportingAuthority	Option Price Reporting Authority
K	ISDAFpMLURL	ISDA/FpML product URL (URL in SecurityID(48))
L	LetterOfCredit	Letter of credit
M	MarketplaceAssignedIdentifier	Marketplace-assigned Identifier
N	MarkitREDEntityCLIP	Markit RED entity CLIP
P	MarkitREDPairCLIP	Markit RED pair CLIP
Q	CFTCCommodityCode	CFTC commodity code
R	ISDACommodityReferencePrice	ISDA Commodity Reference Price
S	FinancialInstrumentGlobalIdentifier	Financial Instrument Global Identifier. An Object Management Group (OMG) standard. Also referred to as FIGI. Formerly known as "Bloomberg Open Symbology BBGID".
T	LegalEntityIdentifier	Legal entity identifier
U	Synthetic	Synthetic. Used to specify that the security identifier is synthetic for linking nested underliers when there is no market identifier for the collection.
V	FidessaInstrumentMnemonic	Fidessa Instrument Mnemonic (FIM)
W	IndexName	Index name. Standard name of the index or rate index, e.g. "LIBOR" or "iTraxx Australia".
X	UniformSymbol	Uniform Symbol (UMTF Symbol)
Y	DigitalTokenIdentifier	Digital Token Identifier (ISO 24165)

Used in components: [FloatingRateIndex](#)

### 170.2.1115 FloorPrice

Used to express the floor price of a capped put

Type: [Price](#)

Used in components: [Instrument](#)

**170.2.1116 FlowScheduleType**

The industry standard flow schedule by which electricity or natural gas is traded. Schedules may exist by regions and on-peak and off-peak status, such as "Western Peak".

Type: **int**

Allowed values in FlowScheduleTypeCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	NERCEasternOffPeak	NERC Eastern Off-Peak
1	NERCWesternOffPeak	NERC Western Off-Peak
2	NERCCalendarAllDaysInMonth	NERC Calendar-All Days in month
3	NERCEasternPeak	NERC Eastern Peak
4	NERCWesternPeak	NERC Western Peak
5	AllTimes	All times
6	OnPeak	On peak
7	OffPeak	Off peak
8	Base	Base
9	Block	Block
99	Other	Other

---

Used in components: **Instrument**

**170.2.1117 ForexReq**

Indicates request for forex accommodation trade to be executed along with security transaction.

Type: **Boolean**

Allowed values in ForexReqCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
N	DoNotExecuteForexAfterSecurity-Trade	Do Not Execute Forex After Security Trade
Y	ExecuteForexAfterSecurityTrade	Execute Forex After Security Trade

---

Used in groups: **ListOrdGrp**, **SideCrossOrdModGrp**

Used in messages: [BidRequest](#), [MultilegOrderCancelReplace](#), [NewOrderMultileg](#), [NewOrderSingle](#), [OrderCancelReplaceRequest](#)

### 170.2.1118 FundingSource

Specifies the funding source used to finance margin or collateralized loan.

Type: [int](#)

Allowed values in FundingSourceCodeSet:

---

Code	Name	Description
0	Repo	Repurchase agreement. Repurchase agreements or Buy Sellbacks. In the context of EU SFTR reporting this corresponds to code "REPO".
1	Cash	Cash. Cash collateral from securities lending. In the context of EU SFTR reporting this corresponds to code "SECL".
2	FreeCredits	Free credits. In the context of EU SFTR reporting this corresponds to code "FREE".
3	CustomerShortSales	Customer short sales. Proceeds from customer short sales. In the context of EU SFTR reporting this corresponds to code "CSHS".
4	BrokerShortSales	Broker short sales. Proceeds from broker short sales. In the context of EU SFTR reporting this corresponds to code "BSHS".
5	UnsecuredBorrowing	Unsecured borrowing. In the context of EU SFTR reporting this corresponds to code "UBOR".
99	Other	Other. In the context of EU SFTR reporting this corresponds to code "OTHR".

---

Used in groups: [FundingSourceGrp](#)

### 170.2.1119 FundingSourceCurrency

Currency denomination of the market value of the funding source.

FundingSourceCurrencyCodeSource(2954) may be used to disambiguate the code source scheme used, and ISO 4217 is the default scheme if absent.

Type: [Currency](#)

Used in groups: [FundingSourceGrp](#)

**170.2.1120 FundingSourceCurrencyCodeSource**

Identifies class or source of the FundingSourceCurrency(2847) value.

Type: **String**

Allowed values in CurrencyCodeSourceCodeSet:

Code	Name	Description
1	CUSIP	CUSIP
2	SEDOL	SEDOL
4	ISINNumber	ISIN
6	ISOCurrencyCode	ISO Currency Code (ISO 4217)
S	FinancialInstrumentGlobalIdentifier	Financial Instrument Global Identifier. An Object Management Group (OMG) standard. Also referred to as FIGI. Formerly known as "Bloomberg Open Symbology BBGID".
Y	DigitalTokenIdentifier	Digital Token Identifier (ISO 24165)

Used in groups: **FundingSourceGrp**

**170.2.1121 FundingSourceGrp**

This component is used to specify the funding source(s) used to finance a margin loan or collateralized loan.

Name	Mult.	Type	Description
<b>NoFundingSources</b>	[1..1]	NumInGroup	
<b>FundingSource</b>	[0..1]	CodeSet	Required if NoFundingSources(2849) > 0.
<b>FundingSourceMarketValue</b>	[0..1]	Amt	
<b>FundingSourceCurrency</b>	[0..1]	Currency	
<b>FundingSourceCurrencyCodeSource</b>	[0..1]	CodeSet	

Used in messages: **CollateralReport**

**170.2.1122 FundingSourceMarketValue**

Market value of the funding source.

Type: **Amt**

Used in groups: **FundingSourceGrp**

### **170.2.1123 FundRenewWaiv**

A one character code identifying whether the Fund based renewal commission is to be waived.

Type: **char**

Allowed values in FundRenewWaivCodeSet:

<b>Code</b>	<b>Name</b>	<b>Description</b>
N	No	No
Y	Yes	Yes

Used in components: **CommissionData**

### **170.2.1124 FXBenchmarkRateFix**

Specifies the foreign exchange benchmark rate fixing to be used in valuing the transaction. For example "London 4 p.m." or "Tokyo 3 p.m."

Type: **String**

Used in groups: **RateSource**

### **170.2.1125 GapFillFlag**

Indicates that the Sequence Reset message is replacing administrative or application messages which will not be resent.

Type: **Boolean**

Allowed values in GapFillFlagCodeSet:

<b>Code</b>	<b>Name</b>	<b>Description</b>
N	SequenceReset	Sequence Reset, Ignore Msg Seq Num (N/A For FIXML - Not Used)
Y	GapFillMessage	Gap Fill Message, Msg Seq Num Field Valid

Used in messages: **SequenceReset**



**170.2.1126 GoverningLaw**

Identification of the law governing the transaction. See <http://www.fpml.org/coding-scheme/governing-law> for values.

Type: **String**

Used in components: **FinancingDetails**

**170.2.1127 GrossTradeAmt**

Total amount traded expressed in units of currency - usually quantity \* price. For FX Futures this is used to express the notional value of a fill when quantity fields are expressed in terms of contract size (i.e. quantity \* price \* contract size).

Type: **Amt**

Used in components: **SettlTradeDetails**

Used in messages: **AllocationInstruction, AllocationInstructionAlert, AllocationReport, Confirmation, ExecutionReport, TradeCaptureReport, TradeCaptureReportAck**

**170.2.1128 GroupAmount**

Indicates the total notional units or amount of an allocation group. Includes any allocated units or amount.

Type: **Amt**

Used in groups: **TrdCapRptAckSideGrp, TrdCapRptSideGrp**

Used in messages: **AllocationInstructionAlert, AllocationReport**

**170.2.1129 GroupRemainingAmount**

Indicates the remaining notional units or amount of an allocation group that has not yet been allocated.

Type: **Amt**

Used in messages: **AllocationInstructionAlert**

**170.2.1130 GTBookingInst**

Code to identify whether to book out executions on a part-filled GT order on the day of execution or to accumulate.

Type: **int**

Allowed values in GTBookingInstCodeSet:

---

Code	Name	Description
0	BookOutAllTradesOnDayOfExecution	Book out all trades on day of execution
1	AccumulateUntilFilledOrExpired	Accumulate executions until order is filled or expires
2	AccumulateUntilVerballyNotifiedOtherwise	Accumulate until verbally notified otherwise

---

Used in groups: **ListOrdGrp**

Used in messages: **CrossOrderCancelReplaceRequest**, **ExecutionReport**, **MultilegOrderCancelReplace**, **NewOrderCross**, **NewOrderMultileg**, **NewOrderSingle**, **OrderCancelReplaceRequest**

**170.2.1131 HaircutIndicator**

Indicates, if "Y", that a stated valuation includes a haircut, e.g. that the stated value reflects the subtraction of the haircut. Note that a value of "N" does not imply a haircut is not applicable, only that the haircut (if any) is not reflected in the stated valuation.

Type: **Boolean**

Used in groups: **CollateralAmountGrp**

**170.2.1132 HaltReason**

Denotes the reason for the Opening Delay or Trading Halt.

Type: **int**

Allowed values in HaltReasonCodeSet:

---

Code	Name	Description
0	NewsDissemination	News Dissemination
1	OrderInflux	Order Influx

---

---

Code	Name	Description
2	OrderImbalance	Order Imbalance
3	AdditionalInformation	Additional Information
4	NewsPending	News Pending
5	EquipmentChangeover	Equipment Changeover

---

Used in groups: [MDFullGrp](#), [MDIncGrp](#), [SecMassStatGrp](#)

Used in messages: [SecurityStatus](#)

### 170.2.1133 HandInst

Instructions for order handling on Broker trading floor

Type: [char](#)

Allowed values in HandInstCodeSet:

---

Code	Name	Description
1	AutomatedExecutionNoIntervention	Automated execution order, private, no Broker intervention
2	AutomatedExecutionInterventionOK	Automated execution order, public, Broker intervention OK
3	ManualOrder	Manual order, best execution

---

Used in groups: [ListOrdGrp](#)

Used in messages: [CrossOrderCancelReplaceRequest](#), [ExecutionReport](#), [MultilegOrderCancelReplace](#), [NewOrderCross](#), [NewOrderMultileg](#), [NewOrderSingle](#), [OrderCancelReplaceRequest](#)

### 170.2.1134 Headline

The headline of a News message

Type: [String](#)

Used in messages: [News](#)

### **170.2.1135 HeartBtInt**

Heartbeat interval (seconds)

Type: **int**

Used in messages: **Logon**

### **170.2.1136 HighLimitPrice**

Allowable high limit price for the trading day. A key parameter in validating order price. Used as the upper band for validating order prices. Orders submitted with prices above the upper limit will be rejected

Type: **Price**

Used in components: **PriceLimits**

### **170.2.1137 HighPx**

Represents an indication of the high end of the price range for a security prior to the open or reopen

Type: **Price**

Used in groups: **MDFullGrp, MDIncGrp**

Used in messages: **AllocationInstructionAlert, SecurityStatus**

### **170.2.1138 HistoricalReportIndicator**

Indicates that the trade or event being reported occurred in the past and the trade is terminated or no longer active.

Type: **Boolean**

Used in messages: **TradeCaptureReport**

### **170.2.1139 HopCompID**

Assigned value used to identify the third party firm which delivered a specific message either from the firm which originated the message or from another third party (if multiple "hops" are performed). It is recommended that this value be the SenderCompID (49) of the third party.

Applicable when messages are communicated/re-distributed via third parties which function as service bureaus or "hubs". Only applicable if OnBehalfOfCompID (115) is being used.

Type: **String**

Used in groups: **HopGrp**

### **170.2.1140 HopGrp**

---

<b>Name</b>	<b>Mult.</b>	<b>Type</b>	<b>Description</b>
<b>NoHops</b>	[1..1]	NumInGroup	
<b>HopCompID</b>	[0..1]	String	
<b>HopSendingTime</b>	[0..1]	UTCTimestamp	
<b>HopRefID</b>	[0..1]	SeqNum	

---

Used in components: **StandardHeader**

### **170.2.1141 HopRefID**

Reference identifier assigned by HopCompID (628) associated with the message sent. It is recommended that this value be the MsgSeqNum (34) of the message sent by the third party.

Applicable when messages are communicated/re-distributed via third parties which function as service bureaus or "hubs". Only applicable if OnBehalfOfCompID (115) is being used.

Type: **SeqNum**

Used in groups: **HopGrp**

### **170.2.1142 HopSendingTime**

Time that HopCompID (628) sent the message. It is recommended that this value be the SendingTime (52) of the message sent by the third party.

Applicable when messages are communicated/re-distributed via third parties which function as service bureaus or "hubs". Only applicable if OnBehalfOfCompID (115) is being used.

Type: **UTCTimestamp**

Used in groups: **HopGrp**

**170.2.1143 HostCrossID**

Host assigned entity ID that can be used to reference all components of a cross; sides + strategy + legs. Used as the primary key with which to refer to the Cross Order for cancellation and replace. The HostCrossID will also be used to link together components of the Cross Order. For example, each individual Execution Report associated with the order will carry HostCrossID in order to tie back to the original cross order.

Type: **String**

Used in messages: **CrossOrderCancelReplaceRequest, CrossOrderCancelRequest, ExecutionReport**

**170.2.1144 ImpliedMarketIndicator**

Indicates that an implied market should be created for either the legs of a multi-leg instrument (Implied-in) or for the multi-leg instrument based on the existence of the legs (Implied-out). Determination as to whether implied markets should be created is generally done at the level of the multi-leg instrument. Commonly used in listed derivatives.

Type: **int**

Allowed values in ImpliedMarketIndicatorCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	NotImplied	Not implied
1	ImpliedIn	Implied-in - The existence of a multi-leg instrument is implied by the legs of that instrument
2	ImpliedOut	Implied-out - The existence of the underlying legs are implied by the multi-leg instrument
3	BothImpliedInAndImpliedOut	Both Implied-in and Implied-out

---

Used in components: **BaseTradingRules**

**170.2.1145 IncTaxInd**

Code to represent whether value is net (inclusive of tax) or gross.

Type: **int**

Allowed values in IncTaxIndCodeSet:

---

Code	Name	Description
1	Net	Net
2	Gross	Gross

---

Used in messages: [BidRequest](#)

#### **170.2.1146 IndexAnnexDate**

The date of a credit default swap index series annex.

Type: [LocalMktDate](#)

Used in components: [Instrument](#)

#### **170.2.1147 IndexAnnexSource**

The source of a credit default swap series annex.

Type: [String](#)

Used in components: [Instrument](#)

#### **170.2.1148 IndexAnnexVersion**

The version of a credit default swap index annex.

Type: [int](#)

Used in components: [Instrument](#)

#### **170.2.1149 IndexRollMonth**

Month identified in the index roll.

Type: [String](#)

Used in groups: [IndexRollMonthGrp](#)

**170.2.1150 IndexRollMonthGrp**

Used for specifying multiple roll months in a given year for an index.

Name	Mult.	Type	Description
NoIndexRollMonths	[1..1]	NumInGroup	
IndexRollMonth	[0..1]	String	Required if NoIndexRollMonths(2734) > 0.

Used in components: [InstrumentExtension](#)

**170.2.1151 IndexSeries**

The series identifier of a credit default swap index.

Type: [int](#)

Used in components: [Instrument](#)

**170.2.1152 IndividualAllocID**

Unique identifier for a specific NoAllocs (78) repeating group instance (e.g. for an AllocAccount).

Type: [String](#)

Used in components: [SettlTradeDetails](#)

Used in groups: [AllocAckGrp](#), [AllocGrp](#), [PreAllocGrp](#), [PreAllocMlegGrp](#), [TrdAllocGrp](#)

Used in messages: [Confirmation](#), [ConfirmationRequest](#)

**170.2.1153 IndividualAllocRejCode**

Identified reason for rejecting an individual AllocAccount (79) detail.

Same values as AllocRejCode (88)

Type: [int](#)

Allowed values in AllocRejCodeCodeSet:



Code	Name	Description
0	UnknownAccount	Unknown or missing account(s)
1	IncorrectQuantity	Incorrect or missing block quantity
2	IncorrectAveragePrice	Incorrect or missing average price
3	UnknownExecutingBrokerMnemonic	Unknown executing broker mnemonic
4	CommissionDifference	Incorrect or missing commission
5	UnknownOrderID	Unknown OrderID(37)
6	UnknownListID	Unknown ListID(66)
7	OtherSeeText	Other (further in Text (58))
8	IncorrectAllocatedQuantity	Incorrect or missing allocated quantity
9	CalculationDifference	Calculation difference
10	UnknownOrStaleExecID	Unknown or Stale ExecID(17)
11	MismatchedData	Mismatched data
12	UnknownCLOrdID	Unknown CLOrdID(11)
13	WarehouseRequestRejected	Warehouse request rejected
14	DuplicateOrMissingIndividualAllocID	Duplicate or missing IndividualAllocID(467)
15	TradeNotRecognized	Trade not recognized
16	DuplicateTrade	Trade previously allocated
17	IncorrectOrMissingInstrument	Incorrect or missing instrument
18	IncorrectOrMissingSettlDate	Incorrect or missing settlement date
19	IncorrectOrMissingFundIDOrFund-Name	Incorrect or missing fund ID or fund name
20	IncorrectOrMissingSettlInstructions	Incorrect or missing settlement instructions
21	IncorrectOrMissingFees	Incorrect or missing fees
22	IncorrectOrMissingTax	Incorrect or missing tax
23	UnknownOrMissingParty	Unknown or missing party
24	IncorrectOrMissingSide	Incorrect or missing side
25	IncorrectOrMissingNetMoney	Incorrect or missing net-money
26	IncorrectOrMissingTradeDate	Incorrect or missing trade date
27	IncorrectOrMissingSettlCcyInstructions	Incorrect or missing settlement currency instructions
28	IncorrectOrMissingProcessCode	Incorrect or missing ProcessCode(81)
99	Other	Other. Use Text(58) for further reject reasons.

Used in groups: [AllocAckGrp](#)

**170.2.1154 IndividualAllocType**

Identifies whether the allocation is to be sub-allocated or allocated to a third party

Type: **int**

Allowed values in IndividualAllocTypeCodeSet:

Code	Name	Description
1	SubAllocate	Sub Allocate
2	ThirdPartyAllocation	Third Party Allocation

Used in groups: **AllocAckGrp**, **AllocGrp**

**170.2.1155 InformationBarrierID**

The identifier of the information barrier in place for a trading unit that will meet the criteria of the "no-knowledge" exception in FINRA Rule 5320.02.

Type: **String**

Used in groups: **TrdRegTimestamps**

**170.2.1156 InitialDisplayQty**

Used to convey the initially requested display quantity specified in DisplayQty(1138) on order entry and modification messages in ExecutionReport message. Applicable only in ExecutionReport message where DisplayQty(1138) is the currently displayed quantity and the requested display quantity of the order also needs to be conveyed. The values of the two fields are different as soon as the order is partially filled and also after a refresh of the order whenever DisplayMethod(1084) is not 1=Initial.

Type: **Qty**

Used in components: **DisplayInstruction**

**170.2.1157 InputSource**

Originating source of the request.

Type: **String**

Used in messages: **ContraryIntentionReport**, **PositionMaintenanceReport**

**170.2.1158 InstrAttribType**

Code to represent the type of instrument attribute

Type: **int**

Allowed values in InstrAttribTypeCodeSet:

<b>Code</b>	<b>Name</b>	<b>Description</b>
1	Flat	Flat (securities pay interest on a current basis but are traded without interest)
2	ZeroCoupon	Zero coupon
3	InterestBearing	Interest bearing (for Euro commercial paper when not issued at discount)
4	NoPeriodicPayments	No periodic payments
5	VariableRate	Variable rate
6	LessFeeForPut	Less fee for put
7	SteppedCoupon	Stepped coupon
8	CouponPeriod	Coupon period (if not semi-annual). Supply redemption date in the InstrAttribValue(872) field.
9	When	When [and if] issued
10	OriginalIssueDiscount	Original issue discount
11	Callable	Callable, puttable
12	EscrowedToMaturity	Escrowed to Maturity
13	EscrowedToRedemptionDate	Escrowed to redemption date - callable. Supply redemption date in the InstrAttribValue(872) field.
14	PreRefunded	Pre-refunded
15	InDefault	In default
16	Unrated	Unrated
17	Taxable	Taxable
18	Indexed	Indexed
19	SubjectToAlternativeMinimumTax	Subject To Alternative Minimum Tax
20	OriginalIssueDiscountPrice	Original issue discount price. Supply price in the InstrAttribValue(872) field.
21	CallableBelowMaturityValue	Callable below maturity value
22	CallableWithoutNotice	Callable without notice by mail to holder unless registered
23	PriceTickRulesForSecurity	Price tick rules for security
24	TradeTypeEligibilityDetailsForSecurity	Trade type eligibility details for security

Code	Name	Description
25	InstrumentDenominator	Instrument denominator
26	InstrumentNumerator	Instrument numerator
27	InstrumentPricePrecision	Instrument price precision
28	InstrumentStrikePrice	Instrument strike price
29	TradeableIndicator	Tradeable indicator
30	InstrumentEligibleAnonOrders	Instrument is eligible to accept anonymous orders
31	MinGuaranteedFillVolume	Minimum guaranteed fill volume
32	MinGuaranteedFillStatus	Minimum guaranteed fill status
33	TradeAtSettlementEligibility	Trade at settlement (TAS) eligibility
34	TestInstrument	Test instrument. Instrument that is tradable but has no effect on the positions, exchange turnover etc.
35	DummyInstrument	Dummy instrument. Instrument that is normally halted and is only activated for trading under very special conditions (e.g. temporarily assigned for newly listed instrument). Use of a dummy instrument generally applies to systems that are unable to add reference data for new instruments intraday.
36	NegativeSettlementPriceEligibility	Negative settlement price eligibility
37	NegativeStrikePriceEligibility	Negative strike price eligibility
38	USStdContractInd	US standard contract indicator. Indicates through InstrAttribValue(872) - values Y or N - whether the underlying asset in the trade references or is economically related to a contract listed in Appendix B of CFTC Part 43 regulation. See <a href="http://www.ecfr.gov/cgi-bin/text-idx?SID=4b2d1078ad68f6564a89d7ff6c52ec43&amp;node=17:2.0.1.1.3.0.1.8.2&amp;rgn=div">http://www.ecfr.gov/cgi-bin/text-idx?SID=4b2d1078ad68f6564a89d7ff6c52ec43&amp;node=17:2.0.1.1.3.0.1.8.2&amp;rgn=div</a> or refer to Appendix B to Part 43 in the final rule at <a href="http://www.cftc.gov/ucm/groups/public/@lrfederalregister/documents/file/2013-12133a.pdf">http://www.cftc.gov/ucm/groups/public/@lrfederalregister/documents/file/2013-12133a.pdf</a>
39	AdmittedToTradingOnTradingVenue	Admitted to trading on a trading venue
40	AverageDailyNotionalAmount	Average daily notional amount
41	AverageDailyNumberTrades	Average daily number of trades
99	Text	Text. Supply the text value in InstrAttribValue(872).

Used in groups: **AttrbGrp**

### 170.2.1159 InstrAttribValue

Attribute value appropriate to the InstrAttribType (871) field.

Type: **String**

Used in groups: **AttrbGrp**

### 170.2.1160 InstrmtAssignmentMethod

Method under which assignment was conducted

Type: **char**

Allowed values in InstrmtAssignmentMethodCodeSet:

---

Code	Name	Description
P	ProRata	Pro rata
R	Random	Random

---

Used in components: **Instrument**

### 170.2.1161 InstrmtGrp

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Name	Mult.	Type	Description
<b>NoRelatedSym</b>	[1..1]	NumInGroup	Specifies the number of repeating symbols (instruments) specified
<b>Instrument</b>	[0..1]	Component	Insert here the set of "Instrument" (symbology) fields defined in "Common Components of Application Messages"
<b>InstrumentExtension</b>	[0..1]	Component	
<b>FinancingDetails</b>	[0..1]	Component	
<b>RelatedInstrumentGrp</b>	[0..*]	Group	

---

Used in messages: **AdjustedPositionReport, Email, News**

### 170.2.1162 InstrmtLegExecGrp

Name	Mult.	Type	Description
NoLegs	[1..1]	NumInGroup	Number of leg executions.
InstrumentLeg	[0..1]	Component	Required if NoLegs(555) > 0.
LegOrderQty	[0..1]	Qty	Quantity ordered for this leg as provided during order entry.
LegQty	[0..1]	Qty	The LegQty(687) field is deprecated. The use of LegOrderQty(685) is recommended instead.
LegMidPx	[0..1]	Price	
LegSwapType	[0..1]	CodeSet	Instead of LegOrderQty(685) requests that the sellside calculate LegOrderQty(685) based on opposite Leg.
LegStipulations	[0..*]	Group	
LegAllocID	[0..1]	String	
LegPreAllocGrp	[0..*]	Group	
LegAccount	[0..1]	String	
LegClearingAccountType	[0..1]	CodeSet	Provide if different from the value specified for the overall multileg security in ClearingAccountType(1816) in the Instrument component.
LegPositionEffect	[0..1]	CodeSet	Provide if different from the value specified for the overall multileg security in PositionEffect(77) in the Instrument component.
LegCoveredOrUncovered	[0..1]	CodeSet	Provide if different from the value specified for the overall multileg security in CoveredOrUncovered(203) in the Instrument component.
NestedParties3	[0..*]	Group	
LegRefID	[0..1]	String	Use of LegRefID(654) in this component is deprecated. Recommend the use of LegID(1788) in the InstrumentLeg component.
LegSettlType	[0..1]	CodeSet	
LegSettlDate	[0..1]	LocalMktDate	Takes precedence over a calculated LegSettlType(587) when specified regardless of LegSettlType(587) value. Conditionally required when LegSettlType(587) = B(Broken date).
LegLastPx	[0..1]	Price	Used to report the execution price assigned to the leg of the multileg instrument.
LegSettlCurrency	[0..1]	Currency	
LegSettlCurrencyCodeSource	[0..1]	CodeSet	

Name	Mult.	Type	Description
LegLastForwardPoints	[0..1]	PriceOffset	
LegCalculatedCcyLastQty	[0..1]	Qty	
LegGrossTradeAmt	[0..1]	Amt	For FX Futures can be used to express the notional value of a trade when LegLastQty(1418) and other quantity fields are expressed in terms of number of contracts - LegContractMultiplier(231) is required in this case.
LegShortSaleExemptionReason	[0..1]	CodeSet	Available for optional use when LegSide(624) = 6 (Sell short exempt) in InstrumentLeg component.
LegVolatility	[0..1]	float	
LegDividendYield	[0..1]	Percentage	
LegCurrencyRatio	[0..1]	float	
LegExecInst	[0..1]	CodeSet	
LegLastQty	[0..1]	Qty	Quantity executed for this leg.
FillRefID	[0..1]	String	Use to reference the partial execution of a multi-leg order to which this leg execution belongs.

Used in messages: [ExecutionReport](#)

### 170.2.1163 InstrmtLegGrp

Name	Mult.	Type	Description
NoLegs	[1..1]	NumInGroup	Number of legs
InstrumentLeg	[0..1]	Component	Required if NoLegs(555) > 0.
LegFinancingDetails	[0..1]	Component	

Used in groups: [InstrmtMDReqGrp](#), [InstrmtMatchSideGrp](#), [MDIncGrp](#), [QuotCxlEntriesGrp](#), [QuotEntryAckGrp](#), [QuotEntryGrp](#), [RFQReqGrp](#), [RelSymDerivSecGrp](#), [RelSymDerivSecUpdGrp](#), [SecMassStatGrp](#)

Used in messages: [Advertisement](#), [AllocationInstruction](#), [AllocationInstructionAlert](#), [AllocationReport](#), [AssignmentReport](#), [CollateralAssignment](#), [CollateralInquiry](#), [CollateralInquiryAck](#), [CollateralReport](#), [CollateralRequest](#), [CollateralResponse](#), [Confirmation](#), [CrossOrderCancelReplaceRequest](#), [CrossOrderCancelRequest](#), [DontKnowTrade](#), [Email](#), [ExecutionAck](#), [MarketDataSnapshotFullRefresh](#), [MarketDataStatisticsReport](#), [MarketDataStatisticsRequest](#), [NewOrderCross](#), [News](#), [PositionMaintenanceReport](#),

PositionMaintenanceRequest, PositionReport, QuoteStatusRequest, RequestForPositions, RequestForPositionsAck, SecurityDefinition, SecurityDefinitionRequest, SecurityDefinitionUpdateReport, SecurityListRequest, SecurityStatus, SecurityStatusRequest, TradeCaptureReportRequest, TradeCaptureReportRequestAck

### 170.2.1164 InstrmtLegIOIGrp

Name	Mult.	Type	Description
NoLegs	[1..1]	NumInGroup	Required for multileg IOIs
InstrumentLeg	[0..1]	Component	Required for multileg IOIs. For Swaps one leg is Buy and other leg is Sell
LegIOIQty	[0..1]	CodeSet	Required for multileg IOIs and for each leg.
LegStipulations	[0..*]	Group	

Used in messages: [IOI](#)

### 170.2.1165 InstrmtLegSecListGrp

Name	Mult.	Type	Description
NoLegs	[1..1]	NumInGroup	Number of legs that make up the Security
InstrumentLeg	[0..1]	Component	Insert here the set of "Instrument Legs" (leg symbology) fields defined in "Common Components of Application Messages". Required if NoLegs > 0
LegSwapType	[0..1]	CodeSet	
LegSettlType	[0..1]	CodeSet	
LegStipulations	[0..*]	Group	Insert here the set of "LegStipulations" (leg symbology) fields defined in "Common Components of Application Messages". Required if NoLegs > 0
LegBenchmarkCurveData	[0..1]	Component	Insert here the set of "LegBenchmarkCurveData" (leg symbology) fields defined in "Common Components of Application Messages". Required if NoLegs > 0

Used in groups: [SecListGrp](#)



**170.2.1166 InstrmtMatchSideGrp**

The InstrmtMatchSideGrp component is used to convey all trades for a given match event reported by instrument and trade side.

Name	Mult.	Type	Description
NoInstrmtMatchSides	[1..1]	NumInGroup	
Instrument	[0..1]	Component	Required if NoInstrmtMatchSides(1889) > 0.
InstrmtLegGrp	[0..*]	Group	LegID(1788) in the InstrmtLegGrp component can be used to reference individual leg executions referenced in the TrdInstrmtLegExecGrp component with LegRefID(654).
UndInstrmtGrp	[0..*]	Group	
TrdMatchSubID	[0..1]	String	
Quantity	[0..1]	Qty	Total quantity for this instrument in this match event. This is the cumulative sum of LastQty(32) for all match steps for this instrument.
Currency	[0..1]	Currency	
CurrencyCodeSource	[0..1]	CodeSet	
SettlCurrency	[0..1]	Currency	
SettlCurrencyCodeSource	[0..1]	CodeSet	
QtyType	[0..1]	CodeSet	
LastQty	[0..1]	Qty	Required if NoInstrmtMatchSides(1889) > 0. Trade quantity for this instrument within this match step. The value is the greater of the sum of SideLastQty(1009) of each side (i.e. buy or sell) for each TrdMatchSideGrp instance within the current InstrmtMatchSideGrp instance.
PriceType	[0..1]	CodeSet	
LastPx	[0..1]	Price	Required if NoInstrmtMatchSides(1889) > 0.
LastMkt	[0..1]	Exchange	
TrdMatchSideGrp	[0..*]	Group	Required if NoInstrmtMatchSides(1889) > 0.

Used in messages: [TradeMatchReport](#)

**170.2.1167 InstrmtMDReqGrp**

Name	Mult.	Type	Description
NoRelatedSym	[1..1]	NumInGroup	Number of symbols (instruments) requested.
Instrument	[1..1]	Component	Insert here the set of "Instrument" (symbology) fields defined in "Common Components of Application Messages"
InstrumentExtension	[0..1]	Component	
FinancingDetails	[0..1]	Component	
UndInstrmtGrp	[0..*]	Group	
InstrmtLegGrp	[0..*]	Group	
RelatedInstrumentGrp	[0..*]	Group	
SpreadOrBenchmarkCurveData	[0..1]	Component	
Currency	[0..1]	Currency	
CurrencyCodeSource	[0..1]	CodeSet	
QuoteType	[0..1]	CodeSet	
SettlType	[0..1]	CodeSet	For NDFs either SettlType (specifying the tenor) or SettlDate must be specified.
SettlDate	[0..1]	LocalMktDate	SettlType (specifying the tenor) or SettlDate must be specified.
MDEntrySize	[0..1]	Qty	Quantity or volume represented by the Market Data Entry. In the context of the Market Data Request this allows the Initiator to indicate the quantity of the market data request. Specific to FX this field indicates the ceiling amount the customer is seeking prices for.
MDStreamID	[0..1]	String	

Used in messages: [MarketDataRequest](#)

### 170.2.1168 InstrmtStrkPxGrp

Name	Mult.	Type	Description
NoStrikes	[1..1]	NumInGroup	Number of strike price entries
Instrument	[1..1]	Component	Insert here the set of "Instrument" (symbology) fields defined in "Common Components of Application Messages". Required if NoStrikes > 0. Must be first field in repeating group.
UndInstrmtGrp	[0..*]	Group	Underlying Instruments

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Name	Mult.	Type	Description
PrevClosePx	[0..1]	Price	Useful for verifying security identification
ClOrdID	[0..1]	String	Can use client order identifier or the symbol and side to uniquely identify the stock in the list.
SecondaryClOrdID	[0..1]	String	
Side	[0..1]	CodeSet	
Price	[0..1]	Price	
Currency	[0..1]	Currency	
CurrencyCodeSource	[0..1]	CodeSet	
Text	[0..1]	String	
EncodedTextLen	[0..1]	Length	Must be set if EncodedText field is specified and must immediately precede it.
EncodedText	[0..1]	data	Encoded (non-ASCII characters) representation of the Text field in the encoded format specified via the MessageEncoding field.

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Used in messages: [ListStrikePrice](#)

### 170.2.1169 InstrRegistry

Values may include BIC for the depository or custodian who maintain ownership records, the ISO country code for the location of the record, or the value "ZZ" to specify physical ownership of the security (e.g. stock certificate).

Type: [String](#)

Used in components: [Instrument](#)

### 170.2.1170 Instrument

The Instrument component block contains all the fields commonly used to describe a security or instrument. Typically the data elements in this component block are considered the static data of a security, data that may be commonly found in a security master database. The Instrument component block can be used to describe any asset type supported by FIX.

Name	Mult.	Type	Description
Symbol	[0..1]	String	Common, "human understood" representation of the security. SecurityID value can be specified if no symbol exists (e.g. non-exchange traded Collective Investment Vehicles). Use "[N/A]" for products which do not have a symbol. Required if the Instrument component is marked as required where the component is used.
SymbolSfx	[0..1]	CodeSet	Used in Fixed Income with a value of "WI" to indicate "When Issued" for a security to be reissued under an old CUSIP or ISIN or with a value of "CD" to indicate a EUCP with lump-sum interest rather than discount price.
SecurityID	[0..1]	String	Takes precedence in identifying security to counterparty over SecurityAltID block. Requires SecurityIDSource if specified.
SecurityIDSource	[0..1]	CodeSet	Conditionally required when SecurityID(48) is specified.
SecAltIDGrp	[0..*]	Group	Number of alternate Security Identifiers
Product	[0..1]	CodeSet	Indicates the type of product the security is associated with (high-level category)
ProductComplex	[0..1]	String	Identifies an entire suite of products for a given market. In Futures this may be "interest rates", "agricultural", "equity indexes", etc
SecurityGroup	[0..1]	String	An exchange specific name assigned to a group of related securities which may be concurrently affected by market events and actions.
CFICode	[0..1]	String	Indicates the type of security using ISO 10962 standard, Classification of Financial Instruments (CFI code) values. It is recommended that CFICode be used instead of SecurityType for non-Fixed Income instruments.
UPICode	[0..1]	String	
SecurityType	[0..1]	CodeSet	It is recommended that CFICode be used instead of SecurityType for non-Fixed Income instruments. Required for Fixed Income. Refer to Volume 7 - Fixed Income. Futures and Options should be specified using the CFICode[461] field instead of SecurityType[167] (Refer to Volume 7 - Recommendations and Guidelines for Futures and Options Markets.)

Name	Mult.	Type	Description
SecuritySubType	[0..1]	String	Sub-type qualification/identification of the SecurityType (e.g. for SecurityType="MLEG"). If specified, SecurityType is required.
MaturityMonthYear	[0..1]	MonthYear	Specifies the month and year of maturity. Applicable for standardized derivatives which are typically only referenced by month and year (e.g. S&P futures). Note MaturityDate (a full date) can also be specified.
MaturityDate	[0..1]	LocalMktDate	Specifies date of maturity (a full date). Note that standardized derivatives which are typically only referenced by month and year (e.g. S&P futures) may use MaturityMonthYear(200) and/or this field. When using MaturityMonthYear(200), it is recommended that markets and sell sides report the MaturityDate(541) on all outbound messages as a means of data enrichment. For NDFs this represents the fixing date of the contract.
MaturityTime	[0..1]	TZTimeOnly	For NDFs this represents the fixing time of the contract. It is optional to specify the fixing time.
MaturityFrequencyUnit	[0..1]	CodeSet	Conditionally required when MaturityFrequencyPeriod(2983) is specified.
MaturityFrequencyPeriod	[0..1]	int	Conditionally required when MaturityFrequencyUnit(2982) is specified and the value is not EOM (End of Month) or F (Flexible).
SettleOnOpenFlag	[0..1]	String	Indicator to determine if Instrument is Settle on Open.
InstrmtAssignmentMethod	[0..1]	CodeSet	
SecurityStatus	[0..1]	CodeSet	Gives the current state of the instrument
CouponPaymentDate	[0..1]	LocalMktDate	Date interest is to be paid. Used in identifying Corporate Bond issues.
RestructuringType	[0..1]	CodeSet	
Seniority	[0..1]	CodeSet	
NotionalPercentageOutstanding	[0..1]	Percentage	
OriginalNotionalPercentageOutstanding	[0..1]	Percentage	
AttachmentPoint	[0..1]	Percentage	
DetachmentPoint	[0..1]	Percentage	
ObligationType	[0..1]	CodeSet	
AssetGroup	[0..1]	CodeSet	

Name	Mult.	Type	Description
AssetClass	[0..1]	CodeSet	Required if AssetSubClass(1939) is specified.
AssetSubClass	[0..1]	CodeSet	Required if AssetType(1940) is specified.
AssetType	[0..1]	String	Required if AssetSubType(2735) is specified.
AssetSubType	[0..1]	String	
SecondaryAssetGrp	[0..*]	Group	
AssetAttributeGrp	[0..*]	Group	
SwapClass	[0..1]	CodeSet	
SwapSubClass	[0..1]	CodeSet	
NthToDefault	[0..1]	int	Conditionally required when MthToDefault(1943) is specified.
MthToDefault	[0..1]	int	
SettledEntityMatrixSource	[0..1]	String	
SettledEntityMatrixPublicationDate	[0..1]	LocalMktDate	
CouponType	[0..1]	CodeSet	
TotalIssuedAmount	[0..1]	Amt	
CouponFrequencyPeriod	[0..1]	int	Conditionally required when CouponFrequencyUnit(1949) is specified.
CouponFrequencyUnit	[0..1]	CodeSet	Conditionally required when CouponFrequencyPeriod(1948) is specified.
CouponDayCount	[0..1]	CodeSet	
CouponOtherDayCount	[0..1]	String	
ConvertibleBondEquityID	[0..1]	String	
ConvertibleBondEquityIDSource	[0..1]	CodeSet	Conditionally required when ConvertibleBondEquityID(1951) is specified.
ContractPriceRefMonth	[0..1]	MonthYear	
LienSeniority	[0..1]	CodeSet	
LoanFacility	[0..1]	CodeSet	
ReferenceEntityType	[0..1]	CodeSet	
IndexSeries	[0..1]	int	
IndexAnnexVersion	[0..1]	int	
IndexAnnexDate	[0..1]	LocalMktDate	
IndexAnnexSource	[0..1]	String	
SettlRateIndex	[0..1]	String	
SettlRateIndexLocation	[0..1]	String	
OptionExpirationDesc	[0..1]	String	

Name	Mult.	Type	Description
EncodedOptionExpirationDescLen	[0..1]	Length	Must be set if EncodedOptionExpirationDesc(1697) field is specified and must immediately precede it.
EncodedOptionExpirationDesc	[0..1]	data	Encoded (non-ASCII characters) representation of the OptionExpirationDesc(1581) field in the encoded format specified via the MessageEncoding(347) field.
IssueDate	[0..1]	LocalMktDate	Date instrument was issued. For Fixed Income IOIs for new issues, specifies the issue date.
RepoCollateralSecurityType	[0..1]	String	
RepurchaseTerm	[0..1]	int	
RepurchaseRate	[0..1]	Percentage	
Factor	[0..1]	float	For Fixed Income: Amortization Factor for deriving Current face from Original face for ABS or MBS securities, note the fraction may be greater than, equal to or less than 1. In TIPS securities this is the Inflation index. Qty * Factor * Price = Gross Trade Amount. For Derivatives: Contract Value Factor by which price must be adjusted to determine the true nominal value of one futures/options contract. (Qty * Price) * Factor = Nominal Value
CreditRating	[0..1]	String	
InstrRegistry	[0..1]	String	The location at which records of ownership are maintained for this instrument, and at which ownership changes must be recorded. Can be used in conjunction with ISIN to address ISIN uniqueness issues.
CountryOfIssue	[0..1]	Country	ISO Country code of instrument issue (e.g. the country portion typically used in ISIN). Can be used in conjunction with non-ISIN SecurityID (e.g. CUSIP for Municipal Bonds without ISIN) to provide uniqueness.
StateOrProvinceOfIssue	[0..1]	String	A two-character state or province abbreviation.
LocaleOfIssue	[0..1]	String	The three-character IATA code for a locale (e.g. airport code for Municipal Bonds).
RedemptionDate	[0..1]	LocalMktDate	
StrikePrice	[0..1]	Price	Used for derivatives, such as options and covered warrants
OrigStrikePrice	[0..1]	Price	
StrikePricePrecision	[0..1]	int	
StrikeCurrency	[0..1]	Currency	Used for derivatives

Name	Mult.	Type	Description
StrikeCurrencyCodeSource	[0..1]	CodeSet	
StrikeMultiplier	[0..1]	float	Used for derivatives. Multiplier applied to the strike price for the purpose of calculating the settlement value.
StrikeValue	[0..1]	float	Used for derivatives. The number of shares/units for the financial instrument involved in the option trade.
StrikeUnitOfMeasure	[0..1]	CodeSet	
StrikeIndex	[0..1]	String	
StrikeIndexCurvePoint	[0..1]	String	
StrikeIndexSpread	[0..1]	PriceOffset	
StrikeIndexQuote	[0..1]	CodeSet	
StrikePriceDeterminationMethod	[0..1]	CodeSet	
StrikePriceBoundaryMethod	[0..1]	CodeSet	When specified, PutOrCall(201), StrikePrice(202), and StrikePriceBoundaryPrecision(1480) must also be specified.
StrikePriceBoundaryPrecision	[0..1]	Percentage	
UnderlyingPriceDeterminationMethod	[0..1]	CodeSet	
OptAttribute	[0..1]	char	Used for derivatives, such as options and covered warrants to indicate a versioning of the contract when required due to corporate actions to the underlying. Should not be used to indicate type of option - use the CFICode[461] for this purpose.
ContractMultiplier	[0..1]	float	For Fixed Income, Convertible Bonds, Derivatives, etc. Note: If used, quantities should be expressed in the "nominal" (e.g. contracts vs. shares) amount.
ContractMultiplierUnit	[0..1]	CodeSet	
TradingUnitPeriodMultiplier	[0..1]	int	
FlowScheduleType	[0..1]	CodeSet	
MinPriceIncrement	[0..1]	float	Minimum price increment for the instrument. Could also be used to represent tick value.
MinPriceIncrementAmount	[0..1]	Amt	Minimum price increment amount associated with the MinPriceIncrement [969]. For listed derivatives, the value can be calculated by multiplying MinPriceIncrement by ContractValueFactor [231]
UnitOfMeasure	[0..1]	CodeSet	



Name	Mult.	Type	Description
UnitOfMeasureQty	[0..1]	Qty	
UnitOfMeasureCurrency	[0..1]	Currency	
UnitOfMeasureCurrencyCodeSource	[0..1]	CodeSet	
PriceUnitOfMeasure	[0..1]	CodeSet	
PriceUnitOfMeasureQty	[0..1]	Qty	
PriceUnitOfMeasureCurrency	[0..1]	Currency	
PriceUnitOfMeasureCurrencyCodeSource	[0..1]	CodeSet	
SettlMethod	[0..1]	CodeSet	Conditionally required if SettlSubMethod(2579) is specified.
SettlSubMethod	[0..1]	CodeSet	
ExerciseStyle	[0..1]	CodeSet	Type of exercise of a derivatives security
OptPayoutType	[0..1]	CodeSet	
OptPayoutAmount	[0..1]	Amt	Conditionally required if OptPayoutType(1482) = 3 (Binary).
ReturnTrigger	[0..1]	CodeSet	
PriceQuoteMethod	[0..1]	CodeSet	Method for price quotation
ValuationMethod	[0..1]	CodeSet	Indicates type of valuation method used.
ValuationSource	[0..1]	String	
ValuationReferenceModel	[0..1]	String	
PriceQuoteCurrency	[0..1]	Currency	
PriceQuoteCurrencyCodeSource	[0..1]	CodeSet	
ListMethod	[0..1]	CodeSet	Indicates whether the instruments are pre-listed only or can also be defined via user request
CapPrice	[0..1]	Price	Used to express the ceiling price of a capped call
FloorPrice	[0..1]	Price	Used to express the floor price of a capped put
PutOrCall	[0..1]	CodeSet	Used to express option right
InTheMoneyCondition	[0..1]	CodeSet	Used to express in-the-moneyness behavior in general terms for the option without the use of StrikePrice(202) and PutOrCall(201).
ContraryInstructionEligibilityIndicator	[0..1]	Boolean	
FlexibleIndicator	[0..1]	Boolean	Used to indicate if a security has been defined as flexible according to "non-standard" means. Analog to CFICode Standard/Non-standard indicator
FlexProductEligibilityIndicator	[0..1]	Boolean	Used to indicate if a product or group of product supports the creation of flexible securities

Name	Mult.	Type	Description
BlockTradeEligibilityIndicator	[0..1]	Boolean	
LowExercisePriceOptionIndicator	[0..1]	Boolean	
TimeUnit	[0..1]	CodeSet	Used to indicate a time unit for the contract (e.g., days, weeks, months, etc.)
CouponRate	[0..1]	Percentage	For Fixed Income.
SecurityExchange	[0..1]	Exchange	Can be used to identify the security.
PositionLimit	[0..1]	int	Position Limit for the instrument.
NTPositionLimit	[0..1]	int	Near-term Position Limit for the instrument.
Issuer	[0..1]	String	
EncodedIssuerLen	[0..1]	Length	Must be set if EncodedIssuer(349) field is specified and must immediately precede it.
EncodedIssuer	[0..1]	data	Encoded (non-ASCII characters) representation of the Issuer(106) field in the encoded format specified via the MessageEncoding(347) field.
FinancialInstrumentShortName	[0..1]	String	
FinancialInstrumentFullName	[0..1]	String	
EncodedFinancialInstrumentFull- NameLen	[0..1]	Length	Must be set if EncodedFinancialInstrumentFullName(2716) field is specified and must immediately precede it.
EncodedFinancialInstrumentFullName	[0..1]	data	Encoded (non-ASCII characters) representation of the FinancialInstrumentFullName(2714) field in the encoded format specified via the MessageEncoding(347) field.
SecurityDesc	[0..1]	String	
EncodedSecurityDescLen	[0..1]	Length	Must be set if EncodedSecurityDesc(351) field is specified and must immediately precede it.
EncodedSecurityDesc	[0..1]	data	Encoded (non-ASCII characters) representation of the SecurityDesc(107) field in the encoded format specified via the MessageEncoding(347) field.
SecurityXML	[0..1]	Component	Embedded XML document describing the instrument.
Pool	[0..1]	String	Identifies MBS / ABS pool
ContractSettlMonth	[0..1]	MonthYear	Must be present for MBS/TBA
CPPProgram	[0..1]	CodeSet	The program under which a commercial paper is issued
CPRRegType	[0..1]	String	The registration type of a commercial paper issuance
EvntGrp	[0..*]	Group	Number of repeating EventType group entries.

Name	Mult.	Type	Description
DatedDate	[0..1]	LocalMktDate	If different from IssueDate
InterestAccrualDate	[0..1]	LocalMktDate	If different from IssueDate and DatedDate
InstrumentParties	[0..*]	Group	Used to identify the parties related to a specific instrument.
ShortSaleRestriction	[0..1]	CodeSet	
ComplexEvents	[0..*]	Group	
RefTickTableID	[0..1]	int	Spread table code referred by the security or symbol.
StrategyType	[0..1]	CodeSet	
CommonPricingIndicator	[0..1]	Boolean	
SettlDisruptionProvision	[0..1]	CodeSet	
DeliveryRouteOrCharter	[0..1]	String	
InstrumentRoundingDirection	[0..1]	CodeSet	
InstrumentRoundingPrecision	[0..1]	int	
InstrumentPricePrecision	[0..1]	int	
SecurityReferenceDataSupplement	[0..1]	String	
DateAdjustment	[0..1]	Component	
PricingDateTime	[0..1]	Component	
MarketDisruption	[0..1]	Component	
OptionExercise	[0..1]	Component	
StreamGrp	[0..*]	Group	
ProvisionGrp	[0..*]	Group	
AdditionalTermGrp	[0..*]	Group	
ProtectionTermGrp	[0..*]	Group	
CashSettlTermGrp	[0..*]	Group	
PhysicalSettlTermGrp	[0..*]	Group	
ExtraordinaryEventGrp	[0..*]	Group	
ExtraordinaryEventAdjustmentMethod	[0..1]	CodeSet	
ExchangeLookAlike	[0..1]	Boolean	

Used in components: [SettlTradeDetails](#)

Used in groups: [InstrmtGrp](#), [InstrmtMDReqGrp](#), [InstrmtMatchSideGrp](#), [InstrmtStrkPxGrp](#), [ListOrdGrp](#), [MDIncGrp](#), [OrderEntryAckGrp](#), [OrderEntryGrp](#), [QuotCxlEntriesGrp](#), [QuotEntryAckGrp](#), [QuotEntryGrp](#), [QuotReqGrp](#), [QuotReqRjctGrp](#), [RFQReqGrp](#), [RelSymDerivSecGrp](#), [RelSymDerivSecUpdGrp](#), [SecList-](#)

Grp, SecLstUpdRelSymGrp, SecMassStatGrp, SettlObligationInstructions, StrmAsgnReqInstrmtGrp, StrmAsgnRptInstrmtGrp

Used in messages: Advertisement, AllocationInstruction, AllocationInstructionAck, AllocationInstructionAlert, AllocationReport, AllocationReportAck, AssignmentReport, CollateralAssignment, CollateralInquiry, CollateralInquiryAck, CollateralReport, CollateralRequest, CollateralResponse, Confirmation, ContraryIntentionReport, CrossOrderCancelReplaceRequest, CrossOrderCancelRequest, CrossRequest, CrossRequestAck, DontKnowTrade, ExecutionAck, ExecutionReport, IOI, MarginRequirementInquiry, MarginRequirementInquiryAck, MarginRequirementReport, MarketDataSnapshotFullRefresh, MarketDataStatisticsReport, MarketDataStatisticsRequest, MultilegOrderCancelReplace, NewOrderCross, NewOrderMultileg, NewOrderSingle, OrderCancelReplaceRequest, OrderCancelRequest, OrderMassActionReport, OrderMassActionRequest, OrderMassCancelReport, OrderMassCancelRequest, OrderMassStatusRequest, OrderStatusRequest, PartyRiskLimitCheckRequest, PartyRiskLimitCheckRequestAck, PayManagementReport, PayManagementRequest, PositionMaintenanceReport, PositionMaintenanceRequest, PositionReport, PositionTransferInstruction, PositionTransferReport, Quote, QuoteResponse, QuoteStatusReport, QuoteStatusRequest, RequestForPositions, RequestForPositionsAck, SecurityDefinition, SecurityDefinitionRequest, SecurityDefinitionUpdateReport, SecurityListRequest, SecurityStatus, SecurityStatusRequest, TradeAggregationReport, TradeAggregationRequest, TradeCaptureReport, TradeCaptureReportAck, TradeCaptureReportRequest, TradeCaptureReportRequestAck, TradingSessionStatus

### 170.2.1171 InstrumentExtension

The InstrumentExtension component block identifies additional security attributes that are more commonly found for Fixed Income securities.

Name	Mult.	Type	Description
DeliveryForm	[0..1]	CodeSet	Identifies the form of delivery.
PctAtRisk	[0..1]	Percentage	Percent at risk due to lowest possible call.
AttrbGrp	[0..*]	Group	Number of repeating InstrAttrib group entries.
CommodityFinalPriceType	[0..1]	CodeSet	
IndexRollMonthGrp	[0..*]	Group	
NextIndexRollDate	[0..1]	LocalMktDate	
FloatingRateIndex	[0..1]	Component	
ReferenceDataDateGrp	[0..*]	Group	

Used in groups: InstrmtGrp, InstrmtMDReqGrp, MDIncGrp, RelSymDerivSecGrp, RelSymDerivSecUpdGrp, SecListGrp, SecLstUpdRelSymGrp, SecMassStatGrp

Used in messages: [Advertisement](#), [AllocationInstruction](#), [AllocationInstructionAlert](#), [AllocationReport](#), [Confirmation](#), [IOI](#), [MarketDataSnapshotFullRefresh](#), [MarketDataStatisticsReport](#), [MarketDataStatisticsRequest](#), [SecurityDefinition](#), [SecurityDefinitionRequest](#), [SecurityDefinitionUpdateReport](#), [SecurityListRequest](#), [SecurityStatus](#), [SecurityStatusRequest](#), [TradeCaptureReport](#), [TradeCaptureReportAck](#), [TradeCaptureReportRequest](#), [TradeCaptureReportRequestAck](#)

### 170.2.1172 InstrumentLeg

The InstrumentLeg component block, like the Instrument component block, contains all the fields commonly used to describe a security or instrument. In the case of the InstrumentLeg component block it describes a security used in multileg-oriented messages.

Name	Mult.	Type	Description
<a href="#">LegSymbol</a>	[0..1]	String	Common, "human understood" representation of the security. SecurityID value can be specified if no symbol exists (e.g. non-exchange traded Collective Investment Vehicles). Use "[N/A]" for products which do not have a symbol. Required if the InstrumentLeg component is marked as required where the component is used.
<a href="#">LegSymbolsfx</a>	[0..1]	CodeSet	
<a href="#">LegSecurityID</a>	[0..1]	String	
<a href="#">LegSecurityIDSource</a>	[0..1]	CodeSet	
<a href="#">LegSecAltIDGrp</a>	[0..*]	Group	
<a href="#">LegID</a>	[0..1]	String	Used for unique identification of the leg that can subsequently be used whenever a simple leg identification is sufficient. It can also serve as input value for LegRefID(654) whenever only a simple leg reference is allowed or needed.
<a href="#">LegProduct</a>	[0..1]	CodeSet	
<a href="#">LegSecurityGroup</a>	[0..1]	String	
<a href="#">LegCFICode</a>	[0..1]	String	
<a href="#">LegUPICode</a>	[0..1]	String	
<a href="#">LegSecurityType</a>	[0..1]	CodeSet	
<a href="#">LegSecuritySubType</a>	[0..1]	String	
<a href="#">LegMaturityMonthYear</a>	[0..1]	MonthYear	
<a href="#">LegMaturityDate</a>	[0..1]	LocalMktDate	
<a href="#">LegMaturityTime</a>	[0..1]	TZTimeOnly	

Name	Mult.	Type	Description
LegMaturityFrequencyUnit	[0..1]	CodeSet	Conditionally required when LegMaturityFrequencyPeriod(2987) is specified.
LegMaturityFrequencyPeriod	[0..1]	int	Conditionally required when LegMaturityFrequencyUnit(2986) is specified and the value is not EOM (End of Month) or F (Flexible).
LegSettleOnOpenFlag	[0..1]	String	
LegInstrmtAssignmentMethod	[0..1]	CodeSet	
LegSecurityStatus	[0..1]	CodeSet	
LegCouponPaymentDate	[0..1]	LocalMktDate	
LegRestructuringType	[0..1]	CodeSet	
LegSeniority	[0..1]	CodeSet	
LegNotionalPercentageOutstanding	[0..1]	Percentage	
LegOriginalNotionalPercentageOutstanding	[0..1]	Percentage	
LegAttachmentPoint	[0..1]	Percentage	
LegDetachmentPoint	[0..1]	Percentage	
LegObligationType	[0..1]	CodeSet	
LegAssetGroup	[0..1]	CodeSet	
LegAssetClass	[0..1]	CodeSet	Required if LegAssetSubClass(2068) is specified.
LegAssetSubClass	[0..1]	CodeSet	Required if LegAssetType(2069) is specified.
LegAssetType	[0..1]	String	Required if LegAssetSubType(2739) is specified.
LegAssetSubType	[0..1]	String	
LegSecondaryAssetGrp	[0..*]	Group	
LegAssetAttributeGrp	[0..*]	Group	
LegSwapClass	[0..1]	CodeSet	
LegSwapSubClass	[0..1]	CodeSet	
LegNthToDefault	[0..1]	int	Conditionally required when LegMthToDefault(2158) is specified.
LegMthToDefault	[0..1]	int	
LegSettledEntityMatrixSource	[0..1]	String	
LegSettledEntityMatrixPublicationDate	[0..1]	LocalMktDate	
LegCouponType	[0..1]	CodeSet	
LegTotalIssuedAmount	[0..1]	Amt	
LegCouponFrequencyPeriod	[0..1]	int	Conditionally required when LegCouponFreqUnit(2164) is specified.

Name	Mult.	Type	Description
LegCouponFrequencyUnit	[0..1]	CodeSet	Conditionally required when LegCouponFreqPeriod(2163) is specified.
LegCouponDayCount	[0..1]	CodeSet	
LegCouponOtherDayCount	[0..1]	String	
LegConvertibleBondEquityID	[0..1]	String	
LegConvertibleBondEquityIDSource	[0..1]	CodeSet	Conditionally required when LegConvertibleBondEquityID(2166) is specified.
LegContractPriceRefMonth	[0..1]	MonthYear	
LegLienSeniority	[0..1]	CodeSet	
LegLoanFacility	[0..1]	CodeSet	
LegReferenceEntityType	[0..1]	CodeSet	
LegIndexSeries	[0..1]	int	
LegIndexAnnexVersion	[0..1]	int	
LegIndexAnnexDate	[0..1]	LocalMktDate	
LegIndexAnnexSource	[0..1]	String	
LegSettlRateIndex	[0..1]	String	
LegSettlRateIndexLocation	[0..1]	String	
LegOptionExpirationDesc	[0..1]	String	
EncodedLegOptionExpirationDescLen	[0..1]	Length	Must be set if EncodedLegOptionExpirationDesc(2180) field is specified and must immediately precede it.
EncodedLegOptionExpirationDesc	[0..1]	data	Encoded (non-ASCII characters) representation of the LegOptionExpirationDesc(2178) field in the encoded format specified via the MessageEncoding(347) field.
LegIssueDate	[0..1]	LocalMktDate	
LegRepoCollateralSecurityType	[0..1]	String	
LegRepurchaseTerm	[0..1]	int	
LegRepurchaseRate	[0..1]	Percentage	
LegFactor	[0..1]	float	
LegCreditRating	[0..1]	String	
LegInstrRegistry	[0..1]	String	
LegCountryOfIssue	[0..1]	Country	
LegStateOrProvinceOfIssue	[0..1]	String	
LegLocaleOfIssue	[0..1]	String	
LegRedemptionDate	[0..1]	LocalMktDate	

Name	Mult.	Type	Description
LegStrikePrice	[0..1]	Price	
LegStrikeCurrency	[0..1]	Currency	
LegStrikeCurrencyCodeSource	[0..1]	CodeSet	
LegStrikeMultiplier	[0..1]	float	
LegStrikeValue	[0..1]	float	
LegStrikeUnitOfMeasure	[0..1]	CodeSet	
LegStrikeIndex	[0..1]	String	
LegStrikeIndexCurvePoint	[0..1]	String	
LegStrikeIndexSpread	[0..1]	PriceOffset	
LegStrikeIndexQuote	[0..1]	CodeSet	
LegStrikePriceDeterminationMethod	[0..1]	CodeSet	
LegStrikePriceBoundaryMethod	[0..1]	CodeSet	When specified, LegPutOrCall(1358), LegStrikePrice(612), and LegStrikePriceBoundaryPrecision(2188) must also be specified.
LegStrikePriceBoundaryPrecision	[0..1]	Percentage	
LegUnderlyingPriceDetermination-Method	[0..1]	CodeSet	
LegOptAttribute	[0..1]	char	
LegContractMultiplier	[0..1]	float	
LegContractMultiplierUnit	[0..1]	CodeSet	
LegTradingUnitPeriodMultiplier	[0..1]	int	
LegFlowScheduleType	[0..1]	CodeSet	
LegMinPriceIncrement	[0..1]	float	
LegMinPriceIncrementAmount	[0..1]	Amt	
LegUnitOfMeasure	[0..1]	CodeSet	
LegUnitOfMeasureQty	[0..1]	Qty	
LegUnitOfMeasureCurrency	[0..1]	Currency	
LegUnitOfMeasureCurrencyCodeS- ource	[0..1]	CodeSet	
LegPriceUnitOfMeasure	[0..1]	CodeSet	
LegPriceUnitOfMeasureQty	[0..1]	Qty	
LegPriceUnitOfMeasureCurrency	[0..1]	Currency	
LegPriceUnitOfMeasureCurrency- CodeSource	[0..1]	CodeSet	
LegSettlMethod	[0..1]	CodeSet	



Name	Mult.	Type	Description
LegTimeUnit	[0..1]	CodeSet	Used to indicate a time unit for the contract (e.g., days, weeks, months, etc.)
LegExerciseStyle	[0..1]	CodeSet	
LegOptPayoutType	[0..1]	CodeSet	
LegOptPayoutAmount	[0..1]	Amt	Conditionally required if LegOptPayoutTyp(2193) = 3 (Binary).
LegReturnTrigger	[0..1]	CodeSet	
LegPriceQuoteMethod	[0..1]	CodeSet	
LegValuationMethod	[0..1]	CodeSet	
LegValuationSource	[0..1]	String	
LegValuationReferenceModel	[0..1]	String	
LegPriceQuoteCurrency	[0..1]	Currency	
LegPriceQuoteCurrencyCodeSource	[0..1]	CodeSet	
LegListMethod	[0..1]	CodeSet	
LegCapPrice	[0..1]	Price	
LegFloorPrice	[0..1]	Price	
LegFlexibleIndicator	[0..1]	Boolean	
LegFlexProductEligibilityIndicator	[0..1]	Boolean	
LegCouponRate	[0..1]	Percentage	
LegSecurityExchange	[0..1]	Exchange	
LegPositionLimit	[0..1]	int	
LegNTPositionLimit	[0..1]	int	
LegIssuer	[0..1]	String	
EncodedLegIssuerLen	[0..1]	Length	Must be set if EncodedLegIssuer(618) field is specified and must immediately precede it.
EncodedLegIssuer	[0..1]	data	Encoded (non-ASCII characters) representation of the LegIssuer(617) field in the encoded format specified via the MessageEncoding(347) field.
LegFinancialInstrumentShortName	[0..1]	String	
LegFinancialInstrumentFullName	[0..1]	String	
EncodedLegFinancialInstrumentFull-NameLen	[0..1]	Length	Must be set if EncodedLegFinancialInstrumentFullName(2719) field is specified and must immediately precede it.
EncodedLegFinancialInstrumentFull-Name	[0..1]	data	Encoded (non-ASCII characters) representation of the LegFinancialInstrumentFullName(2717) field in the encoded format specified via the MessageEncoding(347) field.

Name	Mult.	Type	Description
LegSecurityDesc	[0..1]	String	
EncodedLegSecurityDescLen	[0..1]	Length	Must be set if LegEncodedSecurityDesc(622) field is specified and must immediately precede it.
EncodedLegSecurityDesc	[0..1]	data	Encoded (non-ASCII characters) representation of the LegSecurityDesc(620) field in the encoded format specified via the MessageEncoding(347) field.
LegSecurityXML	[0..1]	Component	Embedded XML document describing the leg instrument.
LegCPPProgram	[0..1]	CodeSet	
LegCPRegType	[0..1]	String	
LegRatioQty	[0..1]	float	Specific to the <InstrumentLeg> (not in <Instrument>)
LegSide	[0..1]	CodeSet	Specific to the <InstrumentLeg> (not in <Instrument>)
LegCurrency	[0..1]	Currency	Specific to the <InstrumentLeg> (not in <Instrument>)
LegCurrencyCodeSource	[0..1]	CodeSet	
LegPool	[0..1]	String	Identifies MBS / ABS pool
LegDatedDate	[0..1]	LocalMktDate	
LegContractSettlMonth	[0..1]	MonthYear	
LegInterestAccrualDate	[0..1]	LocalMktDate	
LegPutOrCall	[0..1]	CodeSet	Used to express option right
LegInTheMoneyCondition	[0..1]	CodeSet	Used to express in-the-moneyness behavior in general terms for the option without the use of LegStrikePrice(612) and LegPutOrCall(1358).
LegContraryInstructionEligibilityIndicator	[0..1]	Boolean	
LegOptionRatio	[0..1]	float	LegOptionRatio is provided on covering leg to create a delta neutral spread. In Listed Derivatives, the delta of the leg is multiplied by LegOptionRatio and OrderQty to determine the covering quantity.
LegPrice	[0..1]	Price	Used to specify an anchor price for a leg as part of the definition or creation of the strategy - not used for execution price.
LegEvtGrp	[0..*]	Group	
LegInstrumentParties	[0..*]	Group	
LegShortSaleRestriction	[0..1]	CodeSet	

Name	Mult.	Type	Description
LegComplexEvents	[0..*]	Group	
LegStrategyType	[0..1]	CodeSet	
LegCommonPricingIndicator	[0..1]	Boolean	
LegSettlDisruptionProvision	[0..1]	CodeSet	
LegDeliveryRouteOrCharter	[0..1]	String	
LegInstrumentRoundingDirection	[0..1]	CodeSet	
LegInstrumentRoundingPrecision	[0..1]	int	
LegDateAdjustment	[0..1]	Component	
LegPricingDateTime	[0..1]	Component	
LegMarketDisruption	[0..1]	Component	
LegOptionExercise	[0..1]	Component	
LegStreamGrp	[0..*]	Group	
LegProvisionGrp	[0..*]	Group	
LegAdditionalTermGrp	[0..*]	Group	
LegProtectionTermGrp	[0..*]	Group	
LegCashSettlTermGrp	[0..*]	Group	
LegPhysicalSettlTermGrp	[0..*]	Group	
LegExtraordinaryEventGrp	[0..*]	Group	
LegExtraordinaryEventAdjustment-Method	[0..1]	CodeSet	
LegExchangeLookAlike	[0..1]	Boolean	

Used in groups: InstrmtLegExecGrp, InstrmtLegGrp, InstrmtLegIOIGrp, InstrmtLegSecListGrp, LegOrdGrp, LegQuotGrp, LegQuotStatGrp, QuotReqLegsGrp, SecLstUpdRelSymsLegGrp, TrdInstrmtLegGrp

### 170.2.1173 InstrumentParties

The use of this component block is restricted to instrument definition only and is not permitted to contain transactional information. Only a specified subset of party roles will be supported within the InstrumentParty block.

Name	Mult.	Type	Description
NoInstrumentParties	[1..1]	NumInGroup	Repeating group below should contain unique combinations of InstrumentPartyID(1019), InstrumentPartyIDSource(1050) and InstrumentPartyRole(1051).
InstrumentPartyID	[0..1]	String	Required if NoInstrumentParties(1018) > 0. Identification of the party.
InstrumentPartyIDSource	[0..1]	CodeSet	Required if NoInstrumentParties(1018) > 0. Used to identify classification source.
InstrumentPartyRole	[0..1]	CodeSet	Required if NoInstrumentParties(1018) > 0. Identifies the type of InstrumentPartyID(1019).
InstrumentPartyRoleQualifier	[0..1]	CodeSet	
InstrumentPtysSubGrp	[0..*]	Group	Repeating group of party sub-identifiers.

Used in components: **Instrument**

#### 170.2.1174 InstrumentPartyID

PartyID value within an instrument party repeating group. Same values as PartyID (448)

Type: **String**

Used in groups: **InstrumentParties**

#### 170.2.1175 InstrumentPartyIDSource

PartyIDSource value within an instrument partyrepeating group.

Same values as PartyIDSource (447)

Type: **char**

Allowed values in PartyIDSourceCodeSet:

Code	Name	Description
1	KoreanInvestorID	Korean Investor ID
6	UKNationalInsuranceOrPension-Number	UK National Insurance or Pension Number
B	BIC	BIC (Bank Identification Code - SWIFT managed) code (ISO9362 - See "Appendix 6-B")

Code	Name	Description
I	ISITCAcronym	Directed broker three character acronym as defined in ISITC "ETC Best Practice" guidelines document
2	TaiwaneseForeignInvestorID	Taiwanese Qualified Foreign Investor ID QFII/FID
7	USSocialSecurityNumber	US Social Security Number
C	GeneralIdentifier	Generally accepted market participant identifier (e.g. NASD mnemonic)
3	TaiwaneseTradingAcct	Taiwanese Trading Acct
8	USEmployerOrTaxIDNumber	US Employer or Tax ID Number
D	Proprietary	Proprietary / Custom code. Custom ID schema used between counterparties, trading platforms and repositories.
4	MalaysianCentralDepository	Malaysian Central Depository (MCD) number
9	AustralianBusinessNumber	Australian Business Number
E	ISOCountryCode	ISO Country Code
5	ChineseInvestorID	Chinese Investor ID
A	AustralianTaxFileNumber	Australian Tax File Number
F	SettlementEntityLocation	Settlement Entity Location (note if Local Market Settlement use "E=ISO Country Code") (see "Appendix 6-G" for valid values)
G	MIC	Market Identifier Code (ISO 10383) MIC
J	TaxID	Tax ID
H	CSDParticipant	CSD participant/member code (e.g. Euroclear, DTC, CREST or Kassenverein number)
K	AustralianCompanyNumber	Australian Company Number
L	AustralianRegisteredBodyNumber	Australian Registered Body Number
M	CFTCReportingFirmIdentifier	CFTC reporting firm identifier
N	LegalEntityIdentifier	Legal Entity Identifier (ISO 17442) LEI
O	InterimIdentifier	Interim identifier. An interim entity identifier assigned by a regulatory agency prior to an LEI (ISO 17442) being assigned.
P	ShortCodeIdentifier	Short code identifier. A generic means for trading venues, brokers, investment managers to convey a bilaterally agreed upon "short hand" code for an identifier that is a reference to a mapping between the parties.
Q	NationalIDNaturalPerson	National ID of natural person. An identification number generally assigned by a government authority or agency to a natural person which is unique to the person it is assigned to. Examples include, but not limited to, "social security number", "pension number".

Code	Name	Description
R	IndiaPermanentAccountNumber	India Permanent Account Number. Also referred to as PAN ID. An identifier issued by the Income Tax Department of India.
S	FDID	Firm designated identifier. Also referred to as FDID. A unique identifier required by the SEC for each trading account designated by Industry Members for purposes of reporting to CAT (Consolidated Audit Trail).
T	SPSAID	Special Segregated Account ID. Also referred to as SPSA ID. The Special Segregated Account identifier issued by Hong Kong Exchanges and Clearing.
U	MasterSPSAID	Master Special Segregated Account ID. Also referred to as Master SPSA ID. The master identifier issued by Hong Kong Exchanges and Clearing for the aggregation of SPSA IDs.

Used in groups: [InstrumentParties](#)

### 170.2.1176 InstrumentPartyRole

PartyRole value within an instrument party repeating group.

Same values as PartyRole (452)

Type: [int](#)

Allowed values in PartyRoleCodeSet:

Code	Name	Description
1	ExecutingFirm	Executing Firm (formerly FIX 4.2 ExecBroker)
2	BrokerOfCredit	Broker of Credit (formerly FIX 4.2 BrokerOfCredit)
3	ClientID	Client ID (formerly FIX 4.2 ClientID)
4	ClearingFirm	Clearing Firm (formerly FIX 4.2 ClearingFirm)
5	InvestorID	Investor ID
6	IntroducingFirm	Introducing Firm
7	EnteringFirm	Entering Firm
8	Locate	Locate / Lending Firm (for short-sales)
9	FundManagerClientID	Fund Manager Client ID (for CIV)
10	SettlementLocation	Settlement Location (formerly FIX 4.2 SettLocation)
11	OrderOriginationTrader	Order Origination Trader (associated with Order Origination Firm - i.e. trader who initiates/submits the order)

<b>Code</b>	<b>Name</b>	<b>Description</b>
12	ExecutingTrader	Executing Trader (associated with Executing Firm - actually executes)
13	OrderOriginationFirm	Order Origination Firm (e.g. buy-side firm)
14	GiveupClearingFirmDepr	Giveup Clearing Firm (firm to which trade is given up)
15	CorrespondantClearingFirm	Correspondant Clearing Firm
16	ExecutingSystem	Executing System
17	ContraFirm	Contra Firm
18	ContraClearingFirm	Contra Clearing Firm
19	SponsoringFirm	Sponsoring Firm
20	UnderlyingContraFirm	Underlying Contra Firm
21	ClearingOrganization	Clearing Organization
22	Exchange	Exchange. Identify using PartyIDSource(tag 447) = G (Market Identifier Code) if the MIC exists.
24	CustomerAccount	Customer Account
25	CorrespondentClearingOrganization	Correspondent Clearing Organization
26	CorrespondentBroker	Correspondent Broker
27	Buyer	Buyer/Seller (Receiver/Deliverer)
28	Custodian	Custodian
29	Intermediary	Intermediary
30	Agent	Agent
31	SubCustodian	Sub-custodian
32	Beneficiary	Beneficiary
33	InterestedParty	Interested party
34	RegulatoryBody	Regulatory body. In the context of regulatory reporting, this identifies the regulator the trade is being reported to.
35	LiquidityProvider	Liquidity provider
36	EnteringTrader	Entering trader
37	ContraTrader	Contra trader
38	PositionAccount	Position account. The account which positions are maintained. Typically represents the aggregation of one or more customer accounts.
39	ContraInvestorID	Contra Investor ID
40	TransferToFirm	Transfer to Firm
41	ContraPositionAccount	Contra Position Account
42	ContraExchange	Contra Exchange

<b>Code</b>	<b>Name</b>	<b>Description</b>
43	InternalCarryAccount	Internal Carry Account
44	OrderEntryOperatorID	Order Entry Operator ID
45	SecondaryAccountNumber	Secondary Account Number
46	ForeignFirm	Foreign Firm
47	ThirdPartyAllocationFirm	Third Party Allocation Firm
48	ClaimingAccount	Claiming Account
49	AssetManager	Asset Manager
50	PledgorAccount	Pledgor Account
51	PledgeeAccount	Pledgee Account
52	LargeTraderReportableAccount	Large Trader Reportable Account
53	TraderMnemonic	Trader mnemonic
54	SenderLocation	Sender Location
55	SessionID	Session ID
56	AcceptableCounterparty	Acceptable Counterparty
57	UnacceptableCounterparty	Unacceptable Counterparty
58	EnteringUnit	Entering Unit
59	ExecutingUnit	Executing Unit
60	IntroducingBroker	Introducing Broker
61	QuoteOriginator	Quote originator
62	ReportOriginator	Report originator
63	SystematicInternaliser	Systematic internaliser (SI)
64	MultilateralTradingFacility	Multilateral Trading Facility (MTF). Identify using PartyIDSource(tag 447) = G (Market Identifier Code) if the MIC exists.
65	RegulatedMarket	Regulated Market (RM). Identify using PartyIDSource(tag 447) = G (Market Identifier Code) if the MIC exists.
66	MarketMaker	Market Maker
67	InvestmentFirm	Investment Firm
68	HostCompetentAuthority	Host Competent Authority (Host CA)
69	HomeCompetentAuthority	Home Competent Authority (Home CA)
70	CompetentAuthorityLiquidity	Competent Authority of the most relevant market in terms of liquidity (CAL)
71	CompetentAuthorityTransactionVenue	Competent Authority of the Transaction (Execution) Venue (CATV)
72	ReportingIntermediary	Reporting intermediary. The medium or vendor used to report to a regulator, non-regulatory agency or data repository.



<b>Code</b>	<b>Name</b>	<b>Description</b>
73	ExecutionVenue	Execution Venue. Identify using PartyIDSource(tag 447) = G (Market Identifier Code) if the MIC exists.
74	MarketDataEntryOriginator	Market data entry originator
75	LocationID	Location ID
76	DeskID	Desk ID
77	MarketDataMarket	Market data market
78	AllocationEntity	Allocation Entity
79	PrimeBroker	Prime Broker providing General Trade Services
80	StepOutFirm	Step-Out Firm (Prime Broker)
81	BrokerClearingID	Broker clearing identifier
82	CentralRegistrationDepository	Central Registration Depository (CRD)
83	ClearingAccount	Clearing Account
84	AcceptableSettlingCounterparty	Acceptable Settling Counterparty
85	UnacceptableSettlingCounterparty	Unacceptable Settling Counterparty
86	CLSMemberBank	CLS Member Bank
87	InConcertGroup	In Concert Group
88	InConcertControllingEntity	In Concert Controlling Entity
89	LargePositionsReportingAccount	Large Positions Reporting Account
90	SettlementFirm	Settlement Firm
91	SettlementAccount	Settlement account. The account to which individual payment obligations are aggregated for netting and funds movement. Typically represents the aggregation of many margin (performance bond) accounts.
92	ReportingMarketCenter	Reporting Market Center
93	RelatedReportingMarketCenter	Related Reporting Market Center
94	AwayMarket	Away Market. Identify using PartyIDSource(tag 447) = G (Market Identifier Code) if the MIC exists.
95	GiveupTradingFirm	Give-up (trading) firm
96	TakeupTradingFirm	Take-up (trading) firm
97	GiveupClearingFirm	Give-up clearing firm
98	TakeupClearingFirm	Take-up clearing firm
99	OriginatingMarket	Originating Market. Identifies the Market using PartyIDSource(tag 447) = G (Market Identifier Code) where an order originated in the event that the order is sent to an alternative market for execution. Serves as an inverse of an away market.

<b>Code</b>	<b>Name</b>	<b>Description</b>
100	MarginAccount	Margin account. Also referred to as "performance bond account". The margin account is the calculated margin requirements. Typically represents the aggregation of one or more position accounts.
101	CollateralAssetAccount	Collateral asset account. The account at which individual collateral assets are maintained. Typically, although not always, one-for-one with the settlement account.
102	DataRepository	Data repository. Multiple instances of this PartyRole may appear for reporting purposes.
103	CalculationAgent	Calculation agent
104	ExerciseNoticeSender	Sender of exercise notice
105	ExerciseNoticeReceiver	Receiver of exercise notice
106	RateReferenceBank	Rate reference bank. The bank providing the reference rate. Multiple instance of this PartyRole may appear.
107	Correspondent	Correspondent
109	BeneficiaryBank	Beneficiary's bank or depository institution. The institution in which the beneficiary, a person or an entity, has their account with. The institution may be a bank or non-bank institution.
110	Borrower	Borrower
111	PrimaryObligator	Primary obligator
112	Guarantor	Guarantor
113	ExcludedReferenceEntity	Excluded reference entity
114	DeterminingParty	Determining party
115	HedgingParty	Hedging party
116	ReportingEntity	Reporting entity. The entity that is reporting the information.
117	SalesPerson	Sales person. The person who is involved in the sales activities for their firm.
118	Operator	Operator. The person who has the capabilities and authorization to take certain actions; for example, setting entitlements, etc.
119	CSD	Central Securities Depository (CSD)
120	ICSD	International Central Securities Depository (ICSD)
121	TradingSubAccount	Trading sub-account. Example of sub-accounts include a clearing account that has multiple trading sub-accounts, a trading account that has multiple trading sub-accounts belonging to different trading firms.

Code	Name	Description
122	InvestmentDecisionMaker	Investment decision maker. In the context of ESMA RTS reporting, this is used to specify party responsible for the investment decision. See RTS 24, Annex, Table 2, Field 4.
123	PublishingIntermediary	Publishing intermediary. The medium or vendor used to publish to the market.
124	CSDParticipant	Central Securities Depository (CSD) Participant. In the context of EU SFTR reporting the identifier of the CSD participant or indirect participant of the reporting counterparty. Where both the CSD participant and indirect participant are involved in the transaction this should identify the indirect participant.
125	Issuer	Issuer. The issuer of the security.
126	ContraCustomerAccount	Contra Customer Account. Same as PartyRole(452) = 24 (Customer Account) but for the counterparty. Can be used whenever the parties component is not nested in a repeating group representing both sides.
127	ContraInvestmentDecisionMaker	Contra Investment Decision Maker. Same as PartyRole(452) = 122 (Investment Decision Maker) but for the counterparty. Can be used whenever the parties component is not nested in a repeating group representing both sides.

Used in groups: **InstrumentParties**

### 170.2.1177 InstrumentPartyRoleQualifier

Used to further qualify the value of InstrumentPartyRole(1051).

Type: **int**

Allowed values in PartyDetailRoleQualifierCodeSet:

Code	Name	Description
0	Agency	Agency
1	Principal	Principal
2	RisklessPrincipal	Riskless principal
3	GeneralClearingMember	General clearing member
30	ExchangeOrderSubmitter	Exchange order submitter. Used to identify original or initial exchange order submitting broker when party role "1" (Executing Firm) appears more than once.

<b>Code</b>	<b>Name</b>	<b>Description</b>
4	IndividualClearingMember	Individual clearing member
5	PreferredMarketMaker	Preferred market maker. Market maker getting a part of the matched quantity before primary or default market maker.
6	DirectedMarketMaker	Directed market maker. Single market maker to handle the order provided.
7	Bank	Bank
8	Hub	Hub. Indicates that the Intermediary party is a hub system or service provider.
9	PrimaryTrdRepository	Primary trade repository. Used to differentiate the principal trade repository from the Original or Additional trade repositories when there are multiple trade repositories being reported.
10	OrigTrdRepository	Original trade repository. Used to identify the trade repository to which the trade was originally reported if different from the current repository to which the trade is being reported.
11	AddtnlIntlTrdRepository	Additional international trade repository. Used with InternationalSwapIndicator(2526) to identify the trade repository that is in addition to the local swaps data repository as required by U.S. law.
12	AddtnlDomesticTrdRepository	Additional domestic trade repository. Used with MixedSwapIndicator(1929) to identify the trade repository that is in addition to the current trade repository when the assets in the swap are subject to two different domestic regulators.
13	RelatedExchange	Related exchange
14	OptionsExchange	Options exchange
15	SpecifiedExchange	Specified exchange
16	ConstituentExchange	Constituent exchange.
17	ExemptFromTradeReporting	Exempt from trade reporting. In the context of FINRA TRACE reporting requirements, this is used to indicate the ATS has been granted a regulatory exemption from reporting.
18	Current	Current. Can be used to convey an existing party identifier for the same party role in a single message.
19	New	New. Can be used to convey a future party identifier for the same party role in a single message.
20	DesignatedSponsor	Designated sponsor. Market maker jointly providing liquidity for the same security with other market makers.
21	Specialist	Specialist. Market maker being the only one providing liquidity for a security.
22	Algorithm	Algorithm

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Code	Name	Description
23	FirmOrLegalEntity	Firm or legal entity
24	NaturalPerson	Natural person
25	RegularTrader	Regular trader. Standard trader profile.
26	HeadTrader	Head trader. Senior trader leading a group of regular traders.
27	Supervisor	Supervisor. Administrative user that has only limited rights for normal trading but possibly special rights for emergency actions.
28	TriParty	Tri-party. In the context of EU SFTR reporting, identifies the third party, not necessarily the custodian, to which the reporting counterparty has outsourced the post-trade processing of an SFT (if applicable).
29	Lender	Lender. In the context of EU SFTR reporting, identifies the agent lender involved in the securities lending transaction.

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Used in groups: [InstrumentParties](#)

#### **170.2.1178 InstrumentPartySubID**

PartySubID value within an instrument party repeating group.

Same values as PartySubID (523)

Type: [String](#)

Used in groups: [InstrumentPtysSubGrp](#)

#### **170.2.1179 InstrumentPartySubIDType**

Type of InstrumentPartySubID (1053) value.

Same values as PartySubIDType (803)

Type: [int](#)

Allowed values in PartySubIDTypeCodeSet:

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Code	Name	Description
1	Firm	Firm
2	Person	Person

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<b>Code</b>	<b>Name</b>	<b>Description</b>
3	System	System
4	Application	Application
5	FullLegalNameOfFirm	Full legal name of firm
6	PostalAddress	Postal address
7	PhoneNumber	Phone number
8	EmailAddress	Email address
9	ContactName	Contact name
10	SecuritiesAccountNumber	Securities account number (for settlement instructions)
11	RegistrationNumber	Registration number (for settlement instructions and confirmations)
12	RegisteredAddressForConfirmation	Registered address (for confirmation purposes)
13	RegulatoryStatus	Regulatory status (for confirmation purposes)
14	RegistrationName	Registration name (for settlement instructions)
15	CashAccountNumber	Cash account number (for settlement instructions)
16	BIC	BIC
17	CSDParticipantMemberCode	CSD participant member code
18	RegisteredAddress	Registered address
19	FundAccountName	Fund account name
20	TelexNumber	Telex number
21	FaxNumber	Fax number
22	SecuritiesAccountName	Securities account name
23	CashAccountName	Cash account name
24	Department	Department
25	LocationDesk	Location desk
26	PositionAccountType	Position account type
27	SecurityLocateID	Security locate ID
28	MarketMaker	Market maker
29	EligibleCounterparty	Eligible counterparty
30	ProfessionalClient	Professional client
31	Location	Location
32	ExecutionVenue	Execution venue
33	CurrencyDeliveryIdentifier	Currency delivery identifier
34	AddressCity	Address City
35	AddressStateOrProvince	Address State/Province

Code	Name	Description
36	AddressPostalCode	Address Postal Code
37	AddressStreet	Address Street
38	AddressISOCountryCode	Address Country (ISO country code)
39	ISOCountryCode	ISO country code
40	MarketSegment	Market segment
41	CustomerAccountType	Customer account type
42	OmnibusAccount	Omnibus account
43	FundsSegregationType	Funds segregation type
44	GuaranteeFund	Guarantee fund. Identifies a guarantee fund related to an account. Used when one account has multiple funds of collateral, each guaranteeing different positions. Can be used for PartyRole(452) = Customer Account(24).
45	SwapDealer	Swap dealer. The US regulator's defined term for identifying the trade counterparty as "any person who holds itself out as a dealer in swaps, makes a market in swaps, regularly enters into swaps with counterparties as an ordinary course of business for its own account, or engages in activity causing itself to be commonly known in the trade as a dealer or market maker in swaps".
46	MajorParticipant	Major participant. When PartySubID(523)=Y the counterparty is not the swap dealer but is a major swap participant as defined in the regulations.
47	FinancialEntity	Financial entity. When PartySubID(523)=Y the counterparty is neither a swap dealer nor a major swap participant but is a financial entity as defined in the regulations.
48	USPerson	U.S. person. A legal term referring to any U.S. person or legal entity anywhere in the world that should be taxed under U.S. law.
49	ReportingEntityIndicator	Reporting entity indicator. Indicates the entity obligated or delegated to report to their regulator, a non-regulatory agency or data repository. Set PartySubID(523)=Y if true.
50	ElectedClearingRequirementException	Elected clearing requirement exception
51	BusinessCenter	Business center.
52	ReferenceText	Reference text
53	ShortMarkingExemptAccount	Short-marking exempt account
54	ParentFirmIdentifier	Parent firm identifier. Implementation-specific identifier of this party's parent entity.
55	ParentFirmName	Parent firm name. Full name of this party's parent entity.

Code	Name	Description
56	DealIdentifier	Deal identifier. The internal identifier assigned to the trade by this party, particularly by a Clearing Organization.
57	SystemTradeID	System trade identifier
58	SystemTradeSubID	System trade sub-identifier
59	FCMCode	Futures Commission Merchant (FCM) code. The FCM's code or identifier in relation to the PartyRole(452). For example, if PartyRole(452) is the exchange or clearinghouse, the FCM code/ID specified in PartySubID(523) is the FCM's identifier at the exchange or clearinghouse.
60	DlvryTrmlCode	Delivery terminal customer account/code. Usually used for gas delivery to identify whose account the gas is allocated to at the delivery terminal. Often referred to as "HUB" code.
61	VolntyRptEntity	Voluntary reporting entity. The entity voluntarily reporting the trade to the regulator. Set PartySubID(523)=Y if true.
62	RptObligJurisdiction	Reporting obligation jurisdiction. For a trade that falls under multiple jurisdictions this may be used to identify, through PartySubID(523), the reporting jurisdiction to which the party is obligated to report.
63	VolntyRptJurisdiction	Voluntary reporting jurisdiction. For a trade that falls under multiple jurisdictions this may be used to identify, through PartySubID(523), the regulatory jurisdiction to which the party is submitting a voluntary report.
64	CompanyActivities	Company activities. For regulatory reporting. ID values include: A = Assurance undertaking authorized in accordance with Directive 2002/83/EC C = Credit institution authorized in accordance with Directive 2006/48/EC F = Investment firm in accordance with Directive 2004/39/EC I = Insurance undertaking authorized in accordance with Directive 73/239/EC L = Alternative investment fund managed by AIFMs authorized or registered in accordance with Directive 2011/61/EC O = Institution for occupational retirement provision within the meaning of Article 6(a) of Directive 2003/41/EC R = Reinsurance undertaking authorized in accordance with Directive 2005/68/EC U = UCITS and its management company, authorized in accordance with Directive 2009/65/EC or blank in case of coverage by LEI or in case of non-financial counterparties. In the context of EU SFTR reporting use the appropriate 4- or 1-character code noted in the regulations. See SFTR ITS "Commission Implementing Regulation (EU) 2019/363" Annexes 1 and 2 for values.
65	EEAreaDomiciled	European Economic Area domiciled. ID values: Y or N



<b>Code</b>	<b>Name</b>	<b>Description</b>
66	ContractLinked	Contract linked to commercial or treasury financing for this counterparty. ID values: Y or N
67	ContractAbove	Contract above clearing threshold for this counterparty. ID values: Y or N
68	VolntyRptPty	Voluntary reporting party. When PartySubID(523)=Y, identifies that the trading party is reporting voluntarily when VoluntaryRegulatoryReport(1935)=Y.
69	EndUser	End user. When PartySubID(523)=Y, the counterparty is neither the swap dealer, major swap participant nor financial entity as defined in the regulations.
70	LocationOrJurisdiction	Location or jurisdiction. One or more instances may be used in combination with PartySubIDType(803) = 49 (Reporting entity indicator) or 102 (Data repository) to identify the jurisdiction, countries, regions or provinces for which the party is a reporting entity or data repository when that characteristic is ambiguous or where there are multiple locations. The party sub-ID value is either a jurisdiction acronym, a 2-character ISO 3166 country code, or a hyphenated combination of the country code and the standard post-office abbreviation for province, state or region if necessary. E.g. "US" for United States or "CA-QC" for Quebec Canada.
71	DerivativesDealer	Derivatives dealer. Indicates whether the party is a derivatives dealer or not (Y/N). The Canadian regulator's defined term for identifying the trade counterparty as "a person or company engaging in or holding himself, herself or itself out as engaging in the business of trading in derivatives in Ontario as principal or agent".
72	Domicile	Domicile. Country and optionally province, state or region of domicile. The party sub-ID value is either a 2-character ISO 3166 country code or a hyphenated combination of the country code and the standard post-office abbreviation of province, state or region if necessary. E.g. "US" for United States or "CA-QC" for Quebec Canada.
73	ExemptFromRecognition	Exempt from recognition. Used with party role 21 "Clearing Organization" to indicate exemption (Y/N). Identifies a clearing agency as exempt from oversight in Ontario, i.e. one that 1) only provides limited services and does not present significant risks or 2) is foreign-based, intends to operate in Ontario but is subject to regulatory oversight in another jurisdiction.

Code	Name	Description
74	Payer	Payer. Identifies the party as the payer of a particular payment stream or bullet payment by quoting the stream's StreamDesc(40051) (or LegStreamDesc(40243) or UnderlyingStreamDesc(40542)) or payment's PaymentDesc(43087) in the associated party sub-identifier field.
75	Receiver	Receiver. Identifies the party as the receiver of a particular payment stream or bullet payment by quoting the stream's StreamDesc(40051) (or LegStreamDesc(40243) or UnderlyingStreamDesc(40542)) or payment's PaymentDesc(43087) in the associated party sub-identifier field.
76	SystematicInternaliser	Systematic Internaliser (SI). In the context of ESMA reporting, this is used to indicate whether the specified party is a Systematic Internaliser or not for the security defined in the Instrument component (Y/N).
77	PublishingEntityIndicator	Publishing entity indicator. Indicates the entity obligated or delegated to publish to the market. Set PartySubID(523)=Y if true.
78	FirstName	First name. The first name(s) of a natural person. If multiple names, separate entries by a comma.
79	Surname	Surname. The surname(s) or lastname(s) of a natural person. If multiple names, separate entries by a comma.
80	DateOfBirth	Date of birth. The date of birth of a natural person in the format YYYYMMDD.
81	OrderTransmittingFirm	Order transmitting firm. Identifies whether the party specified in PartyID(448) is the firm that transmitted the order. In the context of RTS 22 Article 4, when "true" the PartySubID(523)=Y shall be set "by the transmitting firm within the transmitting firm's report where conditions for transmission specified in Article 4 were not satisfied."
82	OrderTransmittingFirmBuyer	Order transmitting firm for buyer. Identifies the firm that transmitted the order for the buyer. In the context of ESMA RTS 22, PartySubID(523)=Y is used to indicate the firm identified in PartyID(448) is the firm that transmitted the order for the buyer. "This shall be populated by the receiving firm within the receiving firm's report with the identification code provided by the transmitting firm."

Code	Name	Description
83	OrderTransmitterSeller	Order transmitter for seller. Identifies the order transmitting firm for the seller. In the context of ESMA RTS 22, PartySubID(523)=Y is used to indicate the firm identified in PartyID(448) is the firm that transmitted the order for the seller. "This shall be populated by the receiving firm within the receiving firm's report with the identification code provided by the transmitting firm."
84	LegalEntityIdentifier	Legal Entity Identifier (ISO 17442) LEI
85	SubSectorClassification	Sub-sector classification. Supplemental to party sub-ID type "64" (Company activities) for regulatory reporting. For EU SFTR reporting use the appropriate 4-character code noted in the regulations applying the conditional association rules. See SFTR ITS "Commission Implementing Regulation (EU) 2019/363" Annexes 1 and 2 for values.
86	PartySide	Party side. May be used, when appropriate, to explicitly indicate the transaction side of the party, e.g. Buyer, Seller, Lender, Borrower, Maker, Taker, etc. in the ID. In the context of EU SFTR reporting, use values as required by SFTR, "GIVE" and "TAKE" in the ID, to identify collateral giver and taker.
87	LegalRegistrationCountry	Legal registration country. ISO Country Code where the registered office of the party is located as specified in the LEI reference data.

Used in groups: [InstrumentPtysSubGrp](#)

### 170.2.1180 InstrumentPricePrecision

Specifies the number of decimal places for instrument prices.

Type: [int](#)

Used in components: [Instrument](#)

### 170.2.1181 InstrumentPtysSubGrp

Name	Mult.	Type	Description
<a href="#">NoInstrumentPartySubIDs</a>	[1..1]	NumInGroup	
<a href="#">InstrumentPartySubID</a>	[0..1]	String	

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Name	Mult.	Type	Description
InstrumentPartySubIDType	[0..1]	CodeSet	

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Used in groups: [InstrumentParties](#)

### 170.2.1182 InstrumentRoundingDirection

Specifies the rounding direction if not overridden elsewhere.

Type: [char](#)

Allowed values in RoundingDirectionCodeSet:

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Code	Name	Description
0	RoundToNearest	Round to nearest
1	RoundDown	Round down
2	RoundUp	Round up

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Used in components: [Instrument](#)

### 170.2.1183 InstrumentRoundingPrecision

Specifies the rounding precision in terms of a number of decimal places. Note how a percentage rate rounding of 5 decimal places is expressed as a rounding precision of 7.

Type: [int](#)

Used in components: [Instrument](#)

### 170.2.1184 InstrumentScopeCFIcode

Used to limit instrument scope to specified CFIcode.

See CFIcode(461) field for description.

Type: [String](#)

Used in components: [InstrumentScope](#)

**170.2.1185 InstrumentScope**

Used to specify the instrument

Name	Mult.	Type	Description
InstrumentScopeSymbol	[0..1]	String	
InstrumentScopeSymbolSfx	[0..1]	CodeSet	
InstrumentScopeSecurityID	[0..1]	String	
InstrumentScopeSecurityIDSource	[0..1]	CodeSet	
InstrumentScopeSecurityAltIDGrp	[0..*]	Group	
InstrumentScopeProduct	[0..1]	CodeSet	
InstrumentScopeProductComplex	[0..1]	String	
InstrumentScopeSecurityGroup	[0..1]	String	
InstrumentScopeCFICode	[0..1]	String	
InstrumentScopeUPICode	[0..1]	String	
InstrumentScopeSecurityType	[0..1]	CodeSet	
InstrumentScopeSecuritySubType	[0..1]	String	
InstrumentScopeMaturityMonthYear	[0..1]	MonthYear	
InstrumentScopeMaturityTime	[0..1]	TZTimeOnly	
InstrumentScopeRestructuringType	[0..1]	String	
InstrumentScopeSeniority	[0..1]	String	
InstrumentScopePutOrCall	[0..1]	CodeSet	
InstrumentScopeFlexibleIndicator	[0..1]	Boolean	
InstrumentScopeCouponRate	[0..1]	Percentage	
InstrumentScopeSecurityExchange	[0..1]	Exchange	
InstrumentScopeSecurityDesc	[0..1]	String	
InstrumentScopeEncodedSecurityDescLen	[0..1]	Length	
InstrumentScopeEncodedSecurityDesc	[0..1]	data	
InstrumentScopeSettlType	[0..1]	CodeSet	Can be used to specify FX tenors.

Used in groups: [InstrumentScopeGrp](#), [RiskInstrumentScopeGrp](#)

Used in messages: [PartyActionReport](#), [PartyActionRequest](#), [SecurityMassStatus](#), [SecurityMassStatusRequest](#)

**170.2.1186 InstrumentScopeCouponRate**

Used to limit instrument scope to specified coupon rate.

See CouponRate(223) field for description.

Type: **Percentage**

Used in components: **InstrumentScope**

**170.2.1187 InstrumentScopeEncodedSecurityDesc**

Encoded (non-ASCII characters) representation of the InstrumentScopeSecurityDesc(1556) field in the encoded format specified via the MessageEncoding(347) field. If used, the ASCII (English) representation should also be specified in the InstrumentScopeSecurityDesc(1556) field.

Type: **data**

Used in components: **InstrumentScope**

**170.2.1188 InstrumentScopeEncodedSecurityDescLen**

Byte length of encoded (non-ASCII characters) InstrumentScopeEncodedSecurityDesc (1621) field

Type: **Length**

Used in components: **InstrumentScope**

**170.2.1189 InstrumentScopeFlexibleIndicator**

Used to limit instrument scope to securities that can be defined using flexible terms or not.

See FlexibleIndicator(1244) field for description.

Type: **Boolean**

Used in components: **InstrumentScope**

**170.2.1190 InstrumentScopeGrp**

Repeating group of InstrumentScope Components. Used to specify the instruments to which a request applies.

Name	Mult.	Type	Description
NoInstrumentScopes	[1..1]	NumInGroup	
InstrumentScopeOperator	[0..1]	CodeSet	Required when NoInstrumentScopes > 0.
InstrumentScope	[0..1]	Component	

Used in groups: [EntitlementGrp](#)

Used in messages: [MarketDefinition](#), [MarketDefinitionUpdateReport](#), [PartyEntitlementsRequest](#)

### 170.2.1191 InstrumentScopeMaturityMonthYear

Used to limit instrument scope to specified maturity month and year.

See MaturityMonthYear(200) field for description.

Type: [MonthYear](#)

Used in components: [InstrumentScope](#)

### 170.2.1192 InstrumentScopeMaturityTime

Used to limit instrument scope to specified maturity time.

See MaturityTime(1079) field for description.

Type: [TZTimeOnly](#)

Used in components: [InstrumentScope](#)

### 170.2.1193 InstrumentScopeOperator

Operator to perform on the instrument(s) specified

Type: [int](#)

Allowed values in InstrumentScopeOperatorCodeSet:

Code	Name	Description
1	Include	Include
2	Exclude	Exclude

Used in groups: [InstrumentScopeGrp](#), [RiskInstrumentScopeGrp](#)

**170.2.1194 InstrumentScopeProduct**

Used to limit instrument scope to specified instrument product category.

See Product (460) field for description.

Type: **int**

Allowed values in ProductCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
1	AGENCY	AGENCY
2	COMMODITY	COMMODITY
3	CORPORATE	CORPORATE
4	CURRENCY	CURRENCY
5	EQUITY	EQUITY
6	GOVERNMENT	GOVERNMENT
7	INDEX	INDEX
8	LOAN	LOAN
9	MONEYMARKET	MONEYMARKET
10	MORTGAGE	MORTGAGE
11	MUNICIPAL	MUNICIPAL
12	OTHER	OTHER
13	FINANCING	FINANCING

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Used in components: **InstrumentScope**

**170.2.1195 InstrumentScopeProductComplex**

Used to limit instrument scope to specified product complex.

See ProductComplex(1227) field for description.

Type: **String**

Used in components: **InstrumentScope**

**170.2.1196 InstrumentScopePutOrCall**

Used to limit instrument scope to puts or calls.



See PutOrCall(201) field for description.

Type: **int**

Allowed values in PutOrCallCodeSet:

Code	Name	Description
0	Put	Put. Also used for the case in which the buyer of a Swaption has the right to enter into an IRS contract as a fixed-rate receiver or into a CDS contract as a seller of protection or for the case of a Floor.
1	Call	Call. Also used for the case in which the buyer of a Swaption has the right to enter into an IRS contract as a fixed-rate payer or into a CDS contract as a buyer of protection or for the case of a Cap.
2	Other	Other. In the context of ESMA RTS 22 reporting, this value may be used when, at the time of execution, the option right cannot be determined.
3	Chooser	Chooser. Indicates that the option buyer may choose to buy or sell the underlying security on exercise or if a Swaption to pay or receive the underlying IRS cash flow stream or to buy or sell CDS protection.

Used in components: **InstrumentScope**

### **170.2.1197 InstrumentScopeRestructuringType**

Used to limit instrument scope to specified restructuring type.

See RestructuringType(1449) field for description.

Type: **String**

Used in components: **InstrumentScope**

### **170.2.1198 InstrumentScopeSecurityAltID**

Used to limit instrument scope to specified security alternate identifier.

See SecurityAltID(455) field for description.

Type: **String**

Used in groups: **InstrumentScopeSecurityAltIDGrp**

**170.2.1199 InstrumentScopeSecurityAltIDGrp**

Alternative SecurityIDs for an instrument specified in the InstrumentScope.

Name	Mult.	Type	Description
NoInstrumentScopeSecurityAltID	[1..1]	NumInGroup	
InstrumentScopeSecurityAltID	[0..1]	String	Required when NoInstrumentScopeSecurityAltID > 0.
InstrumentScopeSecurityAltIDSource	[0..1]	CodeSet	Required when NoInstrumentScopeSecurityAltID > 0.

Used in components: **InstrumentScope**

**170.2.1200 InstrumentScopeSecurityAltIDSource**

Used to limit instrument scope to specified security alternate identifier source.

See SecurityAltIDSource(456) field for complete definition.

Type: **String**

Allowed values in SecurityIDSourceCodeSet:

Code	Name	Description
1	CUSIP	CUSIP
2	SEDOL	SEDOL
3	QUIK	QUIK
4	ISINNumber	ISIN
5	RICCode	RIC
6	ISOCurrencyCode	ISO Currency Code (ISO 4217)
7	ISOCountryCode	ISO Country Code
8	ExchangeSymbol	Exchange symbol
9	ConsolidatedTapeAssociation	Consolidated Tape Association (CTA) Symbol (SIAC CTS/CQS line format)
A	BloombergSymbol	Bloomberg Symbol
B	Wertpapier	Wertpapier
C	Dutch	Dutch
D	Valoren	Valoren

Code	Name	Description
E	Sicovam	Sicovam
F	Belgian	Belgian
G	Common	"Common" (Clearstream and Euroclear)
H	ClearingHouse	Clearing house / Clearing organization
I	ISDAFpMLSpecification	ISDA/FpML product specification (XML in SecurityXML(1185))
J	OptionPriceReportingAuthority	Option Price Reporting Authority
K	ISDAFpMLURL	ISDA/FpML product URL (URL in SecurityID(48))
L	LetterOfCredit	Letter of credit
M	MarketplaceAssignedIdentifier	Marketplace-assigned Identifier
N	MarkitREDEntityCLIP	Markit RED entity CLIP
P	MarkitREDPairCLIP	Markit RED pair CLIP
Q	CFTCCommodityCode	CFTC commodity code
R	ISDACommodityReferencePrice	ISDA Commodity Reference Price
S	FinancialInstrumentGlobalIdentifier	Financial Instrument Global Identifier. An Object Management Group (OMG) standard. Also referred to as FIGI. Formerly known as "Bloomberg Open Symbology BBGID".
T	LegalEntityIdentifier	Legal entity identifier
U	Synthetic	Synthetic. Used to specify that the security identifier is synthetic for linking nested underliers when there is no market identifier for the collection.
V	FidessaInstrumentMnemonic	Fidessa Instrument Mnemonic (FIM)
W	IndexName	Index name. Standard name of the index or rate index, e.g. "LIBOR" or "iTraxx Australia".
X	UniformSymbol	Uniform Symbol (UMTF Symbol)
Y	DigitalTokenIdentifier	Digital Token Identifier (ISO 24165)

Used in groups: [InstrumentScopeSecurityAltIDGrp](#)

### 170.2.1201 InstrumentScopeSecurityDesc

Used to limit instrument scope to specified security description.

See SecurityDesc(107) field for description.

Type: [String](#)

Used in components: [InstrumentScope](#)

**170.2.1202 InstrumentScopeSecurityExchange**

Used to limit instrument scope to specified security exchange.

See SecurityExchange(207) field for description.

Type: **Exchange**

Used in components: **InstrumentScope**

**170.2.1203 InstrumentScopeSecurityGroup**

Used to limit instrument scope to specified security group.

See SecurityGroup(1151) field for description.

Type: **String**

Used in components: **InstrumentScope**

**170.2.1204 InstrumentScopeSecurityID**

Used to limit instrument scope to specified security identifier.

See SecurityID(48) field for description.

Type: **String**

Used in components: **InstrumentScope**

**170.2.1205 InstrumentScopeSecurityIDSource**

Used to limit instrument scope to specified security identifier source.

See SecurityIDSource(22) field for description.

Type: **String**

Allowed values in SecurityIDSourceCodeSet:

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<b>Code</b>	<b>Name</b>	<b>Description</b>
1	CUSIP	CUSIP
2	SEDOL	SEDOL
3	QUIK	QUIK

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Code	Name	Description
4	ISINNumber	ISIN
5	RICCode	RIC
6	ISOCurrencyCode	ISO Currency Code (ISO 4217)
7	ISOCountryCode	ISO Country Code
8	ExchangeSymbol	Exchange symbol
9	ConsolidatedTapeAssociation	Consolidated Tape Association (CTA) Symbol (SIAC CTS/CQS line format)
A	BloombergSymbol	Bloomberg Symbol
B	Wertpapier	Wertpapier
C	Dutch	Dutch
D	Valoren	Valoren
E	Sicovam	Sicovam
F	Belgian	Belgian
G	Common	"Common" (Clearstream and Euroclear)
H	ClearingHouse	Clearing house / Clearing organization
I	ISDAFpMLSpecification	ISDA/FpML product specification (XML in SecurityXML(1185))
J	OptionPriceReportingAuthority	Option Price Reporting Authority
K	ISDAFpMLURL	ISDA/FpML product URL (URL in SecurityID(48))
L	LetterOfCredit	Letter of credit
M	MarketplaceAssignedIdentifier	Marketplace-assigned Identifier
N	MarkitREDEntityCLIP	Markit RED entity CLIP
P	MarkitREDPairCLIP	Markit RED pair CLIP
Q	CFTCCommodityCode	CFTC commodity code
R	ISDACommodityReferencePrice	ISDA Commodity Reference Price
S	FinancialInstrumentGlobalIdentifier	Financial Instrument Global Identifier. An Object Management Group (OMG) standard. Also referred to as FIGI. Formerly known as "Bloomberg Open Symbology BBGID".
T	LegalEntityIdentifier	Legal entity identifier
U	Synthetic	Synthetic. Used to specify that the security identifier is synthetic for linking nested underliers when there is no market identifier for the collection.
V	FidessaInstrumentMnemonic	Fidessa Instrument Mnemonic (FIM)
W	IndexName	Index name. Standard name of the index or rate index, e.g. "LIBOR" or "iTraxx Australia".
X	UniformSymbol	Uniform Symbol (UMTF Symbol)
Y	DigitalTokenIdentifier	Digital Token Identifier (ISO 24165)

Code	Name	Description
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Used in components: [InstrumentScope](#)

### 170.2.1206 InstrumentScopeSecuritySubType

Used to limit instrument scope to specified security sub-type.

See SecuritySubType(762) field for description.

Type: [String](#)

Used in components: [InstrumentScope](#)

### 170.2.1207 InstrumentScopeSecurityType

Used to limit instrument scope to specified security type.

See SecurityType(167) field for description).

Type: [String](#)

Allowed values in SecurityTypeCodeSet:

Code	Name	Description
ABS	AssetBackedSecurities	Asset-backed Securities
AN	OtherAnticipationNotes	Other Anticipation Notes (BAN, GAN, etc.)
BA	BankersAcceptance	Bankers Acceptance
BRADY	BradyBond	Brady Bond
CORP	CorporateBond	Corporate Bond
CS	CommonStock	Common Stock
EUSUPRA	EuroSupranationalCoupons	Euro Supranational Coupons. Identify the issuer name in Issuer(106).
FOR	ForeignExchangeContract	Foreign Exchange Contract
MF	MutualFund	Mutual Fund
REPO	Repurchase	Repurchase
TERM	TermLoan	Term Loan
BDN	BankDepositoryNote	Bank Depository Note
CAN	CanadianTreasuryNotes	Canadian Treasury Notes

<b>Code</b>	<b>Name</b>	<b>Description</b>
CAP	Cap	Cap. In an interest rate cap, the buyer receives payments at the end of each period in which the rate index exceeds the agreed strike rate.
CMB	CanadianMortgageBonds	Canadian Mortgage Bonds
COFO	CertificateOfObligation	Certificate Of Obligation
CPP	CorporatePrivatePlacement	Corporate Private Placement
FAC	FederalAgencyCoupon	Federal Agency Coupon
FORWARD	Forward	Forward
FXNDF	NonDeliverableForward	Non-deliverable forward
MLEG	MultilegInstrument	Multileg Instrument
PS	PreferredStock	Preferred Stock
RVLV	RevolverLoan	Revolver Loan
BN	BankNotes	Bank Notes
BUYSELL	BuySellback	Buy Sellback
CB	ConvertibleBond	Convertible Bond
CDS	CreditDefaultSwap	Credit Default Swap
CMBS	Corp	Corp. Mortgage-backed Securities
COFP	CertificateOfParticipation	Certificate Of Participation
CTB	CanadianTreasuryBills	Canadian Treasury Bills
DR	DepositoryReceipts	Depository Receipts
FADN	FederalAgencyDiscountNote	Federal Agency Discount Note
FXSPOT	FXSpot	FX Spot
NONE	NoSecurityType	No Security Type
RVLVTRM	Revolver	Revolver/Term Loan
BOX	BillOfExchanges	Bill Of Exchanges
BRIDGE	BridgeLoan	Bridge Loan
CLLR	Collar	Collar. In an interest rate collar, this is a combination of a cap and a floor.
CMO	CollateralizedMortgageObligation	Collateralized Mortgage Obligation
DUAL	DualCurrency	Dual Currency
EUSOV	EuroSovereigns	Euro Sovereigns. Identify the issuer name in Issuer(106).
FXFWD	FXForward	FX Forward
GO	GeneralObligationBonds	General Obligation Bonds
PEF	PrivateExportFunding	Private Export Funding. Identify the issuer name in Issuer(106).
SECLOAN	SecuritiesLoan	Securities Loan

<b>Code</b>	<b>Name</b>	<b>Description</b>
UST	USTreasuryNoteOld	US Treasury Note (Deprecated Value Use TNOTE)
CAMM	CanadianMoneyMarkets	Canadian Money Markets
CMDTYSWAP	CommoditySwap	Commodity swap
EUCORP	EuroCorporateBond	Euro Corporate Bond
FXSWAP	FXSwap	FX Swap
IET	IOETTEMortgage	IOETTE Mortgage
LOFC	LetterOfCredit	Letter Of Credit
MT	MandatoryTender	Mandatory Tender
PROV	CanadianProvincialBonds	Canadian Provincial Bonds
SECPLEDGE	SecuritiesPledge	Securities Pledge
SUPRA	USDSupranationalCoupons	USD Supranational Coupons. Identify the issuer name in Issuer(106).
USTB	USTreasuryBillOld	US Treasury Bill (Deprecated Value Use TBILL)
?	Wildcard	Wildcard entry for use on Security Definition Request
CD	CertificateOfDeposit	Certificate Of Deposit
DVPLDG	DeliveryVersusPledge	Delivery versus pledge
EUFRN	EuroCorporateFloatingRateNotes	Euro Corporate Floating Rate Notes
EXOTIC	Exotic	Exotic
FXNDS	NonDeliverableSwap	Non-deliverable Swap
MBS	MortgageBackedSecurities	Mortgage-backed Securities
RAN	RevenueAnticipationNote	Revenue Anticipation Note
SWING	SwingLineFacility	Swing Line Facility
TB	TreasuryBill	Treasury Bill - non US
CASH	Cash	Cash
CL	CallLoans	Call Loans
COLLBSKT	CollateralBasket	Collateral basket. A collection of securities held as collateral in the customer's collateral fund. The collateral fund is usually managed by a custodian.
DINP	DebtorInPossession	Debtor In Possession
FLR	Floor	Floor. In an interest rate floor, the buyer receives payments at the end of each period in which the rate index is below the agreed strike rate.
FRN	USCorporateFloatingRateNotes	US Corporate Floating Rate Notes
FXBN	FXBankNote	FX Bank Note
MIO	MortgageInterestOnly	Mortgage Interest Only



<b>Code</b>	<b>Name</b>	<b>Description</b>
OOC	OptionsOnCombo	Options on Combo
REV	RevenueBonds	Revenue Bonds
TBOND	USTreasuryBond	US Treasury Bond
CP	CommercialPaper	Commercial Paper
DEFLTED	Defaulted	Defaulted
FRA	FRA	Forward Rate Agreement
FXDN	ForeignCurrencyDiscountNote	Foreign Currency Discount Note. Discount notes issued in foreign currency by Fannie Mae.
MPO	MortgagePrincipalOnly	Mortgage Principal Only
Other	Other	Other
SFP	StructuredFinanceProduct	Structured finance product
SPCLA	SpecialAssessment	Special Assessment
TINT	InterestStripFromAnyBondOrNote	Interest Strip From Any Bond Or Note
XLINKD	IndexedLinked	Indexed Linked
DN	DepositNotes	Deposit Notes
ETN	ExchangeTradedNote	Exchange traded note
FUT	Future	Future
MPP	MortgagePrivatePlacement	Mortgage Private Placement
SPCLO	SpecialObligation	Special Obligation
STRUCT	StructuredNotes	Structured Notes
TBILL	USTreasuryBill	US Treasury Bill
TIPS	TreasuryInflationProtectedSecurities	Treasury Inflation Protected Securities
WITHDRN	Withdrawn	Withdrawn
EUCD	EuroCertificateOfDeposit	Euro Certificate Of Deposit
FWD	DerivativeForward	Derivative forward
MPT	MiscellaneousPassThrough	Miscellaneous Pass-through
MRGNLOAN	MarginLoan	Margin loan
REPLACD	Replaced	Replaced
SPCLT	SpecialTax	Special Tax
TCAL	PrincipalStripOfACallableBondOrNote	Principal Strip Of A Callable Bond Or Note
YANK	YankeeCorporateBond	Yankee Corporate Bond
DIMSUMCORP	OffshoreIssuedChineseYuanCorporateBond	Offshore issued Chinese Yuan (CNY) denominated corporate bond
EUCP	EuroCommercialPaper	Euro Commercial Paper

<b>Code</b>	<b>Name</b>	<b>Description</b>
IRS	InterestRateSwap	Interest Rate Swap
MATURED	Matured	Matured
PFAND	Pfandbrief	Pfandbrief. Identify the issuer name in Issuer(106).
SECDERIV	SecuritizedDerivative	Securitized derivative
TAN	TaxAnticipationNote	Tax Anticipation Note
TPRN	PrincipalStripFromANonCallable-BondOrNote	Principal Strip From A Non-Callable Bond Or Note
TRS	TotalReturnSwap	Total return swap
AMENDED	Amended	Amended and restated
ETF	ExchangeTradedFund	Exchange Traded Fund
LOANLEASE	LoanLease	Loan/lease
LQN	LiquidityNote	Liquidity Note
PRCORP	PreferredCorporateBond	Preferred Corporate Bond
TAXA	TaxAllocation	Tax Allocation
TBA	ToBeAnnounced	To Be Announced
TNOTE	USTreasuryNote	US Treasury Note
DIGITAL	DigitalAsset	Digital Asset. Asset that exists only in digital form or which is the digital representation of another asset (Source: ISO 24165 - Terms and Definitions).
DIMSUMSOV	OffshoreIssuedChineseYuanSovereignBond	Offshore issued Chinese Yuan (CNY) denominated sovereign bond
MTN	MediumTermNotes	Medium Term Notes
RETIRED	Retired	Retired
TECP	TaxExemptCommercialPaper	Tax Exempt Commercial Paper
ONITE	Overnight	Overnight
OOF	OptionsOnFutures	Options on Futures
SOV	SovereignBond	Sovereign Bond. Sovereign or government bond other than Euro and US issuer. Specify sovereign issuer in Issuer(106).
TMCP	TaxableMunicipalCP	Taxable Municipal CP
OOP	OptionsOnPhysical	Options on Physical - use not recommended
PN	PromissoryNote	Promissory Note
STN	ShortTermLoanNote	Short Term Loan Note
TFRN	USTreasuryFloatingRateNote	US Treasury Floating Rate Note
TRAN	TaxRevenueAnticipationNote	Tax Revenue Anticipation Note
OPT	Option	Option

<b>Code</b>	<b>Name</b>	<b>Description</b>
PZFJ	PlazosFijos	Plazos Fijos
VRDN	VariableRateDemandNote	Variable Rate Demand Note
SLQN	SecuredLiquidityNote	Secured Liquidity Note
SPOTFWD	SpotForward	Spot forward
WAR	Warrant	Warrant
MCPIB	MunicipalInterestBearingCommer- cialPaper	Municipal Interest Bearing Commercial Paper
SWAPTION	SwapOption	Swap option
TD	TimeDeposit	Time Deposit
TMB	TaxableMunicipalBond	Taxable Municipal Bond
XMISSION	Transmission	Transmission
INDEX	Index	General type for a contract based on an established index
TLQN	TermLiquidityNote	Term Liquidity Note
VRDO	VariableRateDemandObligation	Variable Rate Demand Obligation
BDBSKT	BondBasket	Bond basket
XCN	ExtendedCommNote	Extended Comm Note
CFD	ContractForDifference	Contract for difference
YCD	YankeeCertificateOfDeposit	Yankee Certificate Of Deposit
BAB	BankAcceptedBill	Bank Accepted Bill. Also known as Bank Bill.
CRLNSWAP	CorrelationSwap	Correlation swap
BNST	ShortTermBankNote	Short Term Bank Note
DVDNSWAP	DividendSwap	Dividend swap
CLCP	CallableCommercialPaper	Callable Commercial Paper
EQBSKT	EquityBasket	Equity basket
CN	CommercialNote	Commercial Note
EQFWD	EquityForward	Equity forward
CPIB	InterestBearingCommercialPaper	Interest Bearing Commercial Paper
RTRNSWAP	ReturnSwap	Return swap
EUMTN	EuroMediumTermNote	Euro Medium Term Note
VARSWAP	VarianceSwap	Variance swap
EUNCP	EuroNegotiableCommercialPaper	Euro Negotiable Commercial Paper
PRTFLIOSWAP	PortfolioSwaps	Portfolio swap
EUSTLQN	EuroStructuredLiquidityNote	Euro Structured Liquidity Note
FUTSWAP	FuturesOnASwap	Futures on a Swap

<b>Code</b>	<b>Name</b>	<b>Description</b>
EUTD	EuroTimeDeposit	Euro Time Deposit
FWDSWAP	ForwardsOnASwap	Forwards on a Swap
FWDFRTAGMT	ForwardFreightAgreement	Forward Freight Agreement
JCD	JumboCertificateOfDeposit	Jumbo Certificate of Deposit
MMF	MoneyMarketFund	Money Market Fund
SPREADBET	SpreadBetting	Spread Betting
ETC	ExchangeTradedCommodity	Exchange traded commodity
MN	MasterNote	Master Note. Short term notes issued by Federal Farm Credit Banks Funding Corporation to provide loans and funding under Federal Farm Credit System (FFCS).
NCD	NegotiableCertificateOfDeposit	Negotiable Certificate of Deposit
NCP	NegotiableCommercialPaper	Negotiable Commercial Paper
RCD	RetailCertificateOfDeposit	Retail Certificate of Deposit
TDR	TermDepositReceipt	Term Deposit Receipt

Used in components: [InstrumentScope](#)

#### **170.2.1208 InstrumentScopeSeniority**

Used to limit instrument scope to specified seniority type.

See Seniority(1450) field for description.

Type: [String](#)

Used in components: [InstrumentScope](#)

#### **170.2.1209 InstrumentScopeSettlType**

Used to limit instrument scope to specified settlement type.

See SettlType(63) field for description.

Type: [String](#)

Allowed values in SettlTypeCodeSet:

Code	Name	Description
0	Regular	Regular / FX Spot settlement (T+1 or T+2 depending on currency)
1	Cash	Cash (TOD / T+0)
2	NextDay	Next Day (TOM / T+1)
3	TPlus2	T+2
4	TPlus3	T+3
5	TPlus4	T+4
6	Future	Future
7	WhenAndIfIssued	When And If Issued
8	SellersOption	Sellers Option
9	TPlus5	T+5
B	BrokenDate	Broken date. Use within FX to specify a non-standard tenor. The use of SettlDate(64) is required to specify the actual settlement date when SettlType(63) = B (Broken date).
C	FXSpotNextSettlement	FX Spot Next settlement (Spot+1, aka next day)

Used in components: [InstrumentScope](#)

#### **170.2.1210 InstrumentScopeSymbol**

Used to limit instrument scope to specified symbol.

See Symbol(55) field for description.

Type: [String](#)

Used in components: [InstrumentScope](#)

#### **170.2.1211 InstrumentScopeSymbolSfx**

Used to limit instrument scope to specified symbol suffix.

See SymbolSfx(65) field for description.

Type: [String](#)

Allowed values in SymbolSfxCodeSet:

Code	Name	Description
CD	EUCPWithLumpSumInterest	EUCP with lump-sum interest rather than discount price
WI	WhenIssued	"When Issued" for a security to be reissued under an old CUSIP or ISIN

Used in components: [InstrumentScope](#)

#### **170.2.1212 InstrumentScopeUPICode**

Uniquely identifies the product of a security using ISO 4914 as filter criteria. See UPICode(2891) for further detail.

Type: [String](#)

Used in components: [InstrumentScope](#)

#### **170.2.1213 InterestAccrualDate**

The start date used for calculating accrued interest on debt instruments which are being sold between interest payment dates. Often but not always the same as the Issue Date and the Dated Date

Type: [LocalMktDate](#)

Used in components: [Instrument](#)

#### **170.2.1214 InterestAtMaturity**

Amount of interest (i.e. lump-sum) at maturity.

Type: [Amt](#)

Used in groups: [TrdCapRptAckSideGrp](#), [TrdCapRptSideGrp](#)

Used in messages: [AllocationInstruction](#), [AllocationInstructionAlert](#), [AllocationReport](#), [Confirmation](#), [ExecutionReport](#)

#### **170.2.1215 InternationalSwapIndicator**

Identifies the swap trade as an "international" transaction.

Type: [Boolean](#)

Used in messages: [TradeCaptureReport](#)

**170.2.1216 InTheMoneyCondition**

Specifies an option instrument's "in the money" condition.

Type: **int**

Allowed values in InTheMoneyConditionCodeSet:

Code	Name	Description
0	StandardITM	Standard in-the-money. The option's strike price is less than the underlying settlement price for a call or greater than the underlying settlement price for a put.
1	ATMITM	At-the-money is in-the-money. The option's strike price of either the put or call is equal to the underlying settlement price in addition to standard in-the-money behavior.
2	ATMCallITM	At-the-money call is in-the-money. The call option's strike price is equal to the underlying settlement price in addition to standard in-the-money behavior.
3	ATMPutITM	At-the-money put is in-the-money. The put option's strike price is equal to the underlying settlement price in addition to standard in-the-money behavior.

Used in components: **Instrument**

**170.2.1217 IntraFirmTradeIndicator**

Indicates whether the trade or position was entered into as an intra-group transaction, i.e. between two units of the same parent entity having majority ownership interest in both counterparties.

Type: **Boolean**

Used in groups: **MDFullGrp**, **MDIncGrp**

Used in messages: **PositionReport**, **TradeCaptureReport**

**170.2.1218 InvestorCountryOfResidence**

The ISO 3166 Country code (2 character) identifying which country the beneficial investor is resident for tax purposes.

Type: **Country**

Used in groups: **RgstDtlsGrp**

**170.2.1219 InViewOfCommon**

Indicates whether or not the halt was due to Common Stock trading being halted.

Type: **Boolean**

Allowed values in InViewOfCommonCodeSet:

Code	Name	Description
N	HaltWasNotRelatedToA-HaltOfTheCommonStock	Halt was not related to a halt of the common stock
Y	HaltWasDueToCommonStockBeing-Halted	Halt was due to common stock being halted

Used in messages: **SecurityStatus**

**170.2.1220 IOIID**

Unique identifier of IOI message.

(Prior to FIX 4.1 this field was of type int)

Type: **String**

Used in groups: **ListOrdGrp**

Used in messages: **CrossOrderCancelReplaceRequest, IOI, MultilegOrderCancelReplace, NewOrder-Cross, NewOrderMultileg, NewOrderSingle, QuoteResponse**

**170.2.1221 IOINaturalFlag**

Indicates that IOI is the result of an existing agency order or a facilitation position resulting from an agency order, not from principal trading or order solicitation activity.

Type: **Boolean**

Allowed values in IOINaturalFlagCodeSet:

Code	Name	Description
N	NotNatural	Not Natural
Y	Natural	Natural

Used in messages: **IOI**



**170.2.1222 IOIQltyInd**

Relative quality of indication

Type: **char**

Allowed values in IOIQltyIndCodeSet:

---

Code	Name	Description
H	High	High
L	Low	Low
M	Medium	Medium

---

Used in messages: **IOI**

**170.2.1223 IOIQty**

Quantity (e.g. number of shares) in numeric form or relative size.

Type: **String**

Allowed values in IOIQtyCodeSet:

---

Code	Name	Description
S	Small	Small
M	Medium	Medium
L	Large	Large
U	UndisclosedQuantity	Undisclosed Quantity

---

Used in messages: **IOI**

**170.2.1224 IOIQualGrp**

---

Name	Mult.	Type	Description
<b>NoIOIQualifiers</b>	[1..1]	NumInGroup	Required if any IOIQualifiers are specified. Indicates the number of repeating IOIQualifiers.
<b>IOIQualifier</b>	[0..1]	CodeSet	Required if NoIOIQualifiers > 0

---

Used in messages: **IOI**

**170.2.1225 IOIQualifier**

Code to qualify IOI use. (see Volume : "Glossary" for value definitions)

Type: **char**

Allowed values in IOIQualifierCodeSet:

<b>Code</b>	<b>Name</b>	<b>Description</b>
A	AllOrNone	All or None (AON)
B	MarketOnClose	Market On Close (MOC) (held to close)
C	AtTheClose	At the close (around/not held to close)
D	VWAP	VWAP (Volume Weighted Average Price)
E	Axe	Axe. Indicates that a quote is an Axe, without specifying a side preference. Mutually exclusive with F(Axe on bid) and G(Axe on offer).
F	AxeOnBid	Axe on bid. Indicates that a quote is an Axe, with a preference to execute on the bid side. Mutually exclusive with E(Axe) and G (Axe on offer)
G	AxeOnOffer	Axe on offer. Indicates that a quote is an Axe, with a preference to execute on the offer side. Mutually exclusive with E(Axe) and F (Axe on bid)
H	ClientNaturalWorking	Client natural working. With reference to the AFME/IA Framework for Indications of Interest, this is to be used to denote IOIs of type C2 – Client Natural (Working). A client should be able to seek verification (from IOI publisher's management/compliance) that, for any C2 IOIs received, there was a corresponding live client order for at least the advertised size prior to the IOI being generated. Resulting trades are expected to be of a riskless nature.
I	InTouchWith	In touch with. With reference to the AFME/IA Framework for Indications of Interest, this is to be used to denote IOIs of type P1 - Potential. Post-execution, a client should be able to seek verification (from IOI publisher's management/ compliance) that, for any P1 IOIs received and executed against, there was by time of the execution, an opposing specific client order. Resulting trades are expected to be of a riskless nature. If the anticipated client order does not materialise, and the broker elects to commit capital, this must be disclosed prior to execution.

Code	Name	Description
J	PositionWanted	Position wanted. With reference to the AFME/IA Framework for Indications of Interest, this is to be used to denote IOIs of type H2 – Position Wanted. Brokers will be likely be sourcing liquidity and therefore may advertise the size of IOI they wish; however, clients can expect the broker to honour the size of IOI shown. The presumption is that there is no intent to immediately unwind the position without notification, however, brokers may provide additional granularity to the category and may offer bilateral post trade commitments. Brokers will also offer clients a feedback mechanism.
K	MarketMaking	Market making. With reference to the AFME/IA Framework for Indications of Interest, this is to be used to denote IOIs of type H3 – Market Making, no enforcement is required.
L	Limit	Limit
M	MoreBehind	More Behind
N	ClientNaturalBlock	Client natural block. With reference to the AFME/IA Framework for Indications of Interest, this is to be used to denote IOIs of type C1 - Client Natural (Block). A client should be able to seek verification (from IOI publisher's management/compliance) that, for any C1 IOIs received, there was a corresponding live client order for at least the advertised size prior to the IOI being generated. Resulting trades are expected to be of a riskless nature.
O	AtTheOpen	At the Open
P	TakingAPosition	Taking a Position
Q	AtTheMarket	At the Market (previously called Current Quote)
R	ReadyToTrade	Ready to Trade
S	PortfolioShown	Inventory or Portfolio Shown
T	ThroughTheDay	Through the Day
U	Unwind	Unwind. With reference to the AFME/IA Framework for Indications of Interest, this is to be used to denote IOIs of type H1 - Unwind. Brokers will be responsible for ensuring that the size of the IOI reflects the actual house position in the relevant business unit and should not inflate the size of the IOI. The presumption is that there is no intent to immediately replace the position without notification, however, brokers may provide additional granularity to the category and may offer bilateral post trade commitments. Brokers will also offer clients a feedback mechanism.
V	Versus	Versus

Code	Name	Description
W	Indication	Indication - Working Away
X	CrossingOpportunity	Crossing Opportunity
Y	AtTheMidpoint	At the Midpoint
Z	PreOpen	Pre-open
1	QuantityNegotiable	Quantity is negotiable. When specified, the dealer may counter with a reduced quantity in its Quotes in response to QuoteRequest(35=R). All-or-none if omitted.
2	AllowLateBids	Allow late bids. When specified in QuoteRequest(35=R) the dealer may submit quotes after certain time has elapsed.
3	ImmediateOrCounter	Immediate or counter. When specified, the buy-side customer is permitted to counter a firm quote during wiretime.
4	AutoTrade	Auto trade. Trade is in an auto-trading mode whereby the best quote that satisfies user criteria as determined by the trading platform will be accepted automatically.
a	AutomaticSpot	Automatic spot. At completion of price negotiation based on spread the trading platform will propose a benchmark spot price which may be filled immediately by the dealer or countered.
b	PlatformCalculatedSpot	Platform calculated spot. At completion of price negotiation based on spread the trading platform will supply a benchmark spot price and immediately complete the trade reporting fill. There is no dealer last look.
c	OutsideSpread	Outside spread. The IOI is identifiable outside the current bid/offer.
d	DeferredSpot	Deferred spot. At a future time after completion of price negotiation based on spread and reported in StrikeTime(443) the trading platform will propose a benchmark spot price which may be filled immediately by the dealer or countered.
n	NegotiatedSpot	Negotiated spot. Once price negotiation based on spread is completed negotiation of the benchmark spot price proceeds immediately.

Used in groups: **IOIQualGrp**

### 170.2.1226 IOIRefID

Reference identifier used with CANCEL and REPLACE, transaction types.

(Prior to FIX 4.1 this field was of type int)

Type: **String**

Used in messages: **IOI**

### **170.2.1227 IOITransType**

Identifies IOI message transaction type

Type: **char**

Allowed values in IOITransTypeCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
N	New	New
C	Cancel	Cancel
R	Replace	Replace

---

Used in messages: **IOI**

### **170.2.1228 IRSDirection**

Used to specify whether the principal is paying or receiving the fixed rate in an interest rate swap.

Type: **String**

Allowed values in IRSDirectionCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
PAY	Pay	Principal is paying fixed rate.
RCV	Rcv	Principal is receiving fixed rate
NA	NA	Swap is float/float or fixed/fixed

---

Used in messages: **TradeCaptureReport**

### **170.2.1229 IssueDate**

The date on which a bond or stock offering is issued. It may or may not be the same as the effective date ("Dated Date") or the date on which interest begins to accrue ("Interest Accrual Date")

(Note tag # was reserved in FIX 4.1, added in FIX 4.3)

(prior to FIX 4.4 field was of type UTCTDate)

Type: **LocalMktDate**

Used in components: **Instrument**

### **170.2.1230 Issuer**

Name of security issuer (e.g. International Business Machines, GNMA).

see also Volume 7: "PRODUCT: FIXED INCOME - Euro Issuer Values"

Type: **String**

Used in components: **Instrument**

### **170.2.1231 LanguageCode**

The national language in which the news item is provided.

Type: **Language**

Used in messages: **News**

### **170.2.1232 LastCapacity**

Broker capacity in order execution

Type: **char**

Allowed values in LastCapacityCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
1	Agent	Agent
2	CrossAsAgent	Cross as agent
3	CrossAsPrincipal	Cross as principal
4	Principal	Principal
5	RisklessPrincipal	Riskless principal

---

Used in groups: **ExecAllocGrp, TrdCapRptSideGrp**

Used in messages: **ExecutionReport**

**170.2.1233 LastForwardPoints**

F/X forward points added to LastSpotRate(194). May be a negative value. Expressed in decimal form. For example, 61.99 points is expressed and sent as 0.006199.

Type: **PriceOffset**

Used in messages: **ExecutionReport, TradeCaptureReport, TradeCaptureReportAck**

**170.2.1234 LastForwardPoints2**

F/X forward points of the future part of a F/X swap order added to LastSpotRate(194). May be a negative value.

Type: **PriceOffset**

Used in messages: **ExecutionReport**

**170.2.1235 LastFragment**

Indicates whether this message is the last in a sequence of messages for those messages that support fragmentation, such as Allocation Instruction, Mass Quote, Security List, Derivative Security List

Type: **Boolean**

Allowed values in LastFragmentCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
N	NotLastMessage	Not Last Message
Y	LastMessage	Last Message

---

Used in groups: **QuotSetAckGrp, QuotSetGrp**

Used in messages: **AllocationInstruction, AllocationInstructionAlert, AllocationReport, DerivativeSecurityList, DerivativeSecurityListUpdateReport, ExecutionReport, ListStatus, ListStrikePrice, MassOrder, MassOrderAck, NewOrderList, OrderMassActionReport, PartyDetailsListReport, PartyDetailsListUpdateReport, PartyEntitlementsReport, PartyEntitlementsUpdateReport, PartyRiskLimitsReport, PartyRiskLimitsUpdateReport, SecurityList, SecurityListUpdateReport, SecurityTypes**

**170.2.1236 LastLimitAmt**

The amount that has been drawn down against the counterparty for a given trade. The type of limit is specified in LimitAmtType(1631).

Bilateral agreements dictate the units and maximum value of this field.

Type: **Amt**

Used in groups: **LimitAmts**

**170.2.1237 LastLiquidityInd**

Indicator to identify whether this fill was a result of a liquidity provider providing or liquidity taker taking the liquidity.

Type: **int**

Allowed values in LastLiquidityIndCodeSet:

Code	Name	Description
0	NeitherAddedNorRemovedLiquidity	Neither added nor removed liquidity. May be used by venues where market rules do not define "add" or "remove" liquidity. In the context of the SEC amendment of Regulation NMS Rule 606(b), may be used to identify executions that are only reported as part of total shares executed and not as part of shares providing or removing liquidity (see <a href="https://www.sec.gov/rules/final/2018/34-84528.pdf">https://www.sec.gov/rules/final/2018/34-84528.pdf</a> for details).
1	AddedLiquidity	Added Liquidity
2	RemovedLiquidity	Removed Liquidity
3	LiquidityRoutedOut	Liquidity Routed Out
4	Auction	Auction execution
5	TriggeredStopOrder	Triggered stop order. Fill was the result of a stop order being triggered and immediately executed.
6	TriggeredContingencyOrder	Triggered contingency order. Fill was the result of a contingency order (OCO, OTO, OUO) becoming active (after cancelling or updating another order) and being immediately executed.
7	TriggeredMarketOrder	Triggered market order. Fill was the result of a market order being triggered due to an executable orderbook situation.
8	RemovedLiquidityAfterFirmOrder-Commitment	Removed liquidity after firm order commitment. An order that was submitted for continuous trading that required a firm order commit prior to execution. "Conditional order" is an alternate term used for such orders.



Code	Name	Description
9	AuctionExecutionAfterFirmOrder-Commitment	Auction execution after firm order commitment. An order that was submitted for auction trading that required a firm order commit prior to execution. "Conditional order" is an alternate term used for such orders.
10	Unknown	Unknown. The liquidity indicator of the execution cannot be determined or was not provided upon execution.
11	Other	Other. None of the existing liquidity indicators are applicable for the execution (e.g. due to a venue's new order type that does not fit existing values).

Used in messages: [ExecutionReport](#)

#### **170.2.1238 LastMkt**

Market of execution for last fill, or an indication of the market where an order was routed

Valid values:

See "Appendix 6-C"

Type: [Exchange](#)

Used in groups: [InstrmtMatchSideGrp](#)

Used in messages: [Advertisement](#), [AllocationInstruction](#), [AllocationInstructionAlert](#), [AllocationReport](#), [Confirmation](#), [ExecutionReport](#), [TradeCaptureReport](#), [TradeCaptureReportAck](#)

#### **170.2.1239 LastMsgSeqNumProcessed**

The last MsgSeqNum (34) value received by the FIX engine and processed by downstream application, such as trading engine or order routing system. Can be specified on every message sent. Useful for detecting a backlog with a counterparty.

Type: [SeqNum](#)

Used in components: [StandardHeader](#)

#### **170.2.1240 LastMultipliedQty**

Expresses the quantity bought or sold when LastQty(32) is expressed in number of contracts. Used in addition to LastQty(32). It is the product of LastQty(32) and ContractMultiplier(231).

Type: Qty

Used in messages: TradeCaptureReport

#### **170.2.1241 LastNetworkResponseID**

Identifier of the previous Network Response message sent to a counterparty, used to allow incremental updates.

Type: String

Used in messages: NetworkCounterpartySystemStatusResponse

#### **170.2.1242 LastParPx**

Last price expressed in percent-of-par. Conditionally required for Fixed Income trades when LastPx (31) is expressed in Yield, Spread, Discount or any other type.

Usage: Execution Report and Allocation Report repeating executions block (from sellside).

Type: Price

Used in groups: ExecAllocGrp

Used in messages: ExecutionAck, ExecutionReport, TradeCaptureReport, TradeCaptureReportAck

#### **170.2.1243 LastPx**

Price of this (last) fill.

Type: Price

Used in groups: ExecAllocGrp, ExecutionAggregationGrp, InstrmtMatchSideGrp, MDFullGrp, MDIncGrp

Used in messages: DontKnowTrade, ExecutionAck, ExecutionReport, SecurityStatus, TradeCaptureReport, TradeCaptureReportAck

#### **170.2.1244 LastQty**

Quantity (e.g. shares) bought/sold on this (last) fill.

(Prior to FIX 4.2 this field was of type int)

Type: Qty

Used in groups: [ExecAllocGrp](#), [ExecutionAggregationGrp](#), [InstrmtMatchSideGrp](#)

Used in messages: [DontKnowTrade](#), [ExecutionAck](#), [ExecutionReport](#), [TradeCaptureReport](#), [TradeCaptureReportAck](#)

### **170.2.1245 LastQtyChanged**

The positive or negative change in quantity when this report is a trade correction or continuation.

Type: [Qty](#)

Used in messages: [TradeCaptureReport](#)

### **170.2.1246 LastQtyVariance**

When LastQty is an estimated value, e.g. for a Repo “circled” trade, LastQtyVariance specifies the absolute amount that the size may vary up or down when finalized. Omitted when LastQty(32) is already final.

Type: [Qty](#)

Used in messages: [ExecutionReport](#), [TradeCaptureReport](#)

### **170.2.1247 LastRptRequested**

Indicates whether this message is the last report message in response to a request message, e.g. OrderMassStatusRequest(35=AF), TradeCaptureReportRequest(35=AD).

Type: [Boolean](#)

Allowed values in LastRptRequestedCodeSet:

Code	Name	Description
N	NotLastMessage	Not last message
Y	LastMessage	Last message

Used in messages: [AssignmentReport](#), [CollateralReport](#), [ExecutionReport](#), [MarginRequirementReport](#), [PositionReport](#), [TradeCaptureReport](#)

### **170.2.1248 LastSpotRate**

F/X spot rate.

Type: **Price**

Used in messages: **ExecutionReport, TradeCaptureReport, TradeCaptureReportAck**

### **170.2.1249 LastSwapPoints**

For FX Swap, this is used to express the last market event for the differential between the far leg's bid/offer and the near leg's bid/offer in a fill or partial fill. Value can be negative. Expressed in decimal form. For example, 61.99 points is expressed and sent as 0.006199

Type: **PriceOffset**

Used in messages: **ExecutionReport, TradeCaptureReport, TradeCaptureReportAck**

### **170.2.1250 LastUpdateTime**

Timestamp of last update to data item (or creation if no updates made since creation).

Type: **UTCTimestamp**

Used in groups: **SettlInstGrp, SettlObligationInstructions, TrdCapDtGrp**

Used in messages: **DerivativeSecurityList, DerivativeSecurityListUpdateReport, MarketDataSnapshot-FullRefresh, SecurityDefinition, SecurityDefinitionUpdateReport, SettlementInstructionRequest, Trade-CaptureReport, TradeCaptureReportAck**

### **170.2.1251 LastUpfrontPrice**

Price used to determine upfront payment for swaps contracts reported for a deal (trade).

Type: **Price**

Used in messages: **ExecutionReport, TradeCaptureReport**

### **170.2.1252 LateIndicator**

Indicates if the contrary intention was received after the exchange imposed cutoff time

Type: **Boolean**

Used in messages: **ContraryIntentionReport**

### **170.2.1253 LeavesQty**

Quantity open for further execution. If the OrdStatus (39) is Canceled, DoneForTheDay, Expired, Calculated, or Rejected (in which case the order is no longer active) then LeavesQty could be 0, otherwise  $\text{LeavesQty} = \text{OrderQty} (38) - \text{CumQty} (14)$ .

(Prior to FIX 4.2 this field was of type int)

Type: Qty

Used in components: TradeReportOrderDetail

Used in groups: OrdListStatGrp, OrderEntryAckGrp

Used in messages: ExecutionReport

### **170.2.1254 LegAccount**

Account mnemonic as agreed between buy and sell sides, e.g. broker and institution or investor/intermediary and fund manager.

Type: String

Used in groups: InstrmtLegExecGrp, LegOrdGrp, TrdInstrmtLegGrp

### **170.2.1255 LegAdditionalDividendsIndicator**

Indicates whether additional dividends are applicable.

Type: Boolean

Used in components: LegDividendConditions

### **170.2.1256 LegAdditionalTermBondCouponFrequencyPeriod**

Time unit multiplier for the frequency of the bond's coupon payment.

Type: int

Used in groups: LegAdditionalTermBondRefGrp

**170.2.1257 LegAdditionalTermBondCouponFrequencyUnit**

Time unit associated with the frequency of the bond's coupon payment.

Type: **String**

Allowed values in CouponFrequencyUnitCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
D	Day	Day
Wk	Week	Week
Mo	Month	Month
Yr	Year	Year
H	Hour	Hour
Min	Minute	Minute
S	Second	Second
T	Term	Term

---

Used in groups: **LegAdditionalTermBondRefGrp**

**170.2.1258 LegAdditionalTermBondCouponRate**

Coupon rate of the bond. See also CouponRate(223).

Type: **Percentage**

Used in groups: **LegAdditionalTermBondRefGrp**

**170.2.1259 LegAdditionalTermBondCouponType**

Specifies the coupon type of the bond.

Type: **int**

Allowed values in CouponTypeCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	Zero	Zero
1	FixedRate	Fixed rate

---

Code	Name	Description
2	FloatingRate	Floating rate
3	Structured	Structured

Used in groups: [LegAdditionalTermBondRefGrp](#)

### 170.2.1260 LegAdditionalTermBondCurrency

Specifies the currency the bond value is denominated in. Uses ISO 4217 currency codes.

Type: [Currency](#)

Used in groups: [LegAdditionalTermBondRefGrp](#)

### 170.2.1261 LegAdditionalTermBondCurrentTotalIssuedAmount

Total issued amount of the bond.

Type: [Amt](#)

Used in groups: [LegAdditionalTermBondRefGrp](#)

### 170.2.1262 LegAdditionalTermBondDayCount

The day count convention used in interest calculations for a bond or an interest bearing security.

Type: [int](#)

Allowed values in CouponDayCountCodeSet:

Code	Name	Description
0	OneOne	1/1. If parties specify the Day Count Fraction to be 1/1 then in calculating the applicable amount, 1 is simply input into the calculation as the relevant Day Count Fraction. See also 2006 ISDA Definitions, Section 4.16. Day Count Fraction, paragraph (a).
1	ThirtyThreeSixtyUS	30/360 (30U/360 or Bond Basis). See also ISO 15022 MICO code 'A001'.

Code	Name	Description
2	ThirtyThreeSixtySIA	30/360 (SIA). A variant of "30/360" - when Date1 and Date2 are both Feb. 28th or 29th convert them to 30th using the same logic in the conversion of 31st to 30th.
3	ThirtyThreeSixtyM	30/360M. Commonly used day count convention for US mortgage backed securities. Feb 28th (or 29th in a leap year) is always considered as a 30th for a start date. As a comparison, in the regular 30/360 day count as used by most US agency and corporate bonds, a start date of Feb 28th (or 29th in a leap year) is still considered as the 28th (or 29th) day of a month of 30 days.
4	ThirtyEThreeSixty	30E/360 (Eurobond Basis). See also ISO 15022 MICO code 'A007'.
5	ThirtyEThreeSixtyISDA	30E/360 (ISDA). Date adjustment rules are: (1) if Date1 is the last day of the month, then change Date1 to 30; (2) if D2 is the last day of the month (unless Date2 is the maturity date and Date2 is in February), then change Date2 to 30. See also 2006 ISDA Definitions, Section 4.16. Day Count Fraction, paragraph (h).
6	ActThreeSixty	Act/360. See also ISO 15022 MICO code 'A004'.
7	ActThreeSixtyFiveFixed	Act/365 (FIXED). See also ISO 15022 MICO code 'A005'.
8	ActActAFB	Act/Act (AFB). See also ISO 15022 MICO code 'A010'.
9	ActActICMA	Act/Act (ICMA). See also ISO 15022 MICO code 'A006'.
10	ActActISMAUltimo	Act/Act (ICMA Ultimo). The Act/Act (ICMA Ultimo) differs from Act/Act (ICMA) method only that it assumes that regular coupons always fall on the last day of the month.
11	ActActISDA	Act/Act (ISDA). See also ISO 15022 MICO code 'A008'.
12	BusTwoFiftyTwo	BUS/252. Used for Brazilian Real swaps, which is based on business days instead of calendar days. The number of business days divided by 252.
13	ThirtyEPlusThreeSixty	30E+/360. Variation on 30E/360. Date adjustment rules: (1) If Date1 falls on the 31st, then change it to the 30th; (2) If Date2 falls on the 31st, then change it to 1 and increase Month2 by one, i.e. next month.
14	ActThreeSixtyFiveL	Act/365L. See also ISO 15022 MICO code 'A009'.
15	NLThreeSixtyFive	NL365. See also ISO 15022 MICO code 'A014'.
16	NLThreeSixty	NL360. This is the same as Act/360, with the exception of leap days (29th February) which are ignored.
17	Act364	Act/364. The actual number of days between Date1 and Date2, divided by 364.



<b>Code</b>	<b>Name</b>	<b>Description</b>
18	ThirtyThreeSixtyFive	30/365. Interest is calculated based on a 30-day month in a way similar to the 30/360 (basic rule) and a 365-day year. Accrued interest to a value date on the last day of a month shall be the same as to the 30th calendar day of the same month, except for February. This means that a 31 is assumed to be a 30 and the 28 February (or 29 February for a leap year) is assumed to be a 28 (or 29). See also ISO 15022 MICO code 'A002'.
19	ThirtyActual	30/Actual. Interest is calculated based on a 30-day month in a way similar to the 30/360 (basic rule) and the assumed number of days in a year in a way similar to the Actual/Actual (ICMA). Accrued interest to a value date on the last day of a month shall be the same as to the 30th calendar day of the same month, except for February. This means that a 31 is assumed to be a 30 and the 28 February (or 29 February for a leap year) is assumed to be a 28 (or 29). The assumed number of days in a year is computed as the actual number of days in the coupon period multiplied by the number of interest payments in the year. See also ISO 15022 MICO code 'A003'.
20	ThirtyThreeSixtyICMA	30/360 (ICMA or basis rule). Interest is calculated based on a 30-day month and a 360-day year. Accrued interest to a value date on the last day of a month shall be the same as to the 30 calendar day of the same month, except for February. This means that a 31 is assumed to be a 30 and the 28 February (or 29 February for a leap year) is assumed to be a 28 (or 29). It is the most commonly used 30/360 method for non-US straight and convertible bonds issued before 1 January 1999. See also ISO 15022 MICO code 'A011'.

Code	Name	Description
21	ThirtyETwoThreeSixty	30E2/360 (Eurobond basis model two). Interest is calculated based on a 30-day month and a 360-day year. Accrued interest to a value date on the last day of a month shall be the same as to the 30th calendar day of the same month, except for the last day of February whose day of the month value shall be adapted to the value of the first day of the interest period if the latter is higher and if the period is one of a regular schedule. This means that a 31 is assumed to be a 30 and the 28 February of a non-leap year is assumed to be equivalent to a 29 February when the first day of the interest period is a 29, or to a 30 February when the first day of the interest period is a 30 or a 31. The 29 February of a leap year is assumed to be equivalent to a 30 February when the first day of the interest period is a 30 or a 31. Similarly, if the coupon period starts on the last day of February, it is assumed to produce only one day of interest in February as if it was starting on a 30 February when the end of the period is a 30 or a 31, or two days of interest in February when the end of the period is a 29, or three days of interest in February when it is the 28 February of a non-leap year and the end of the period is before the 29. See also ISO 15022 MICO code 'A012'.
22	ThirtyEThreeThreeSixty	30E3/360 (Eurobond basis model three). Interest is calculated based on a 30-day month and a 360-day year. Accrued interest to a value date on the last day of a month shall be the same as to the 30th calendar day of the same month. This means that a 31 is assumed to be a 30 and the 28 February (or 29 February for a leap year) is assumed to be equivalent to a 30 February. It is a variation of the 30E/360 (or Eurobond basis) method where the last day of February is always assumed to be a 30, even if it is the last day of the maturity coupon period. See also ISO 15022 MICO code 'A013'.
99	Other	Other. For other day count method. See also ISO 15022 MICO code 'OTHR'.

Used in groups: [LegAdditionalTermBondRefGrp](#)

### 170.2.1263 [LegAdditionalTermBondDesc](#)

Description of the bond.

Type: [String](#)

Used in groups: [LegAdditionalTermBondRefGrp](#)

**170.2.1264 LegAdditionalTermBondIssuer**

Issuer of the bond.

Type: **String**

Used in groups: **LegAdditionalTermBondRefGrp**

**170.2.1265 LegAdditionalTermBondMaturityDate**

The maturity date of the bond.

Type: **LocalMktDate**

Used in groups: **LegAdditionalTermBondRefGrp**

**170.2.1266 LegAdditionalTermBondParValue**

The par value of the bond.

Type: **Amt**

Used in groups: **LegAdditionalTermBondRefGrp**

**170.2.1267 LegAdditionalTermBondRefGrp**

The LegAdditionalTermBondRefGrp is a repeating group subcomponent of the LegAdditionalTermGrp component used to identify an underlying reference bond for a swap.

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<b>Name</b>	<b>Mult.</b>	<b>Type</b>	<b>Description</b>
<b>NoLegAdditionalTermBondRefs</b>	[1..1]	NumInGroup	
<b>LegAdditionalTermBondSecurityID</b>	[0..1]	String	Required if NoLegAdditionalTermBondRefs(41316) > 0.
<b>LegAdditionalTermBondSecurityID-Source</b>	[0..1]	CodeSet	Conditionally required when LegAdditionalTermBondSecurityID(41317) is specified.
<b>LegAdditionalTermBondDesc</b>	[0..1]	String	
<b>EncodedLegAdditionalTermBondDescLen</b>	[0..1]	Length	Must be set if EncodedLegAdditionalTermBondDesc(41321) field is specified and must immediately precede it.

---

Name	Mult.	Type	Description
EncodedLegAdditionalTermBondDesc	[0..1]	data	Encoded (non-ASCII characters) representation of the LegAdditionalTermBondDesc(41319) field in the encoded format specified via the MessageEncoding(347) field.
LegAdditionalTermBondCurrency	[0..1]	Currency	
LegAdditionalTermBondIssuer	[0..1]	String	
EncodedLegAdditionalTermBondIssuerLen	[0..1]	Length	Must be set if EncodedLegAdditionalTermBondIssuer(41325) field is specified and must immediately precede it.
EncodedLegAdditionalTermBondIssuer	[0..1]	data	Encoded (non-ASCII characters) representation of the LegAdditionalTermBondIssuer(41323) field in the encoded format specified via the MessageEncoding(347) field.
LegAdditionalTermBondSeniority	[0..1]	CodeSet	
LegAdditionalTermBondCouponType	[0..1]	CodeSet	
LegAdditionalTermBondCouponRate	[0..1]	Percentage	
LegAdditionalTermBondMaturityDate	[0..1]	LocalMktDate	
LegAdditionalTermBondParValue	[0..1]	Amt	
LegAdditionalTermBondCurrentTotalIssuedAmount	[0..1]	Amt	
LegAdditionalTermBondCouponFrequencyPeriod	[0..1]	int	Conditionally required when LegAdditionalTermBondCouponFrequencyUnit(41333) is specified.
LegAdditionalTermBondCouponFrequencyUnit	[0..1]	CodeSet	Conditionally required when LegAdditionalTermBondCouponFrequencyPeriod(41332) is specified.
LegAdditionalTermBondDayCount	[0..1]	CodeSet	

Used in groups: [LegAdditionalTermGrp](#)

### 170.2.1268 LegAdditionalTermBondSecurityID

Security identifier of the bond.

Type: [String](#)

Used in groups: [LegAdditionalTermBondRefGrp](#)

**170.2.1269 LegAdditionalTermBondSecurityIDSource**

Identifies the source scheme of the LegAdditionalTermBondSecurityID(41317) value.

Type: **String**

Allowed values in SecurityIDSourceCodeSet:

Code	Name	Description
1	CUSIP	CUSIP
2	SEDOL	SEDOL
3	QUIK	QUIK
4	ISINNumber	ISIN
5	RICCode	RIC
6	ISOCurrencyCode	ISO Currency Code (ISO 4217)
7	ISOCountryCode	ISO Country Code
8	ExchangeSymbol	Exchange symbol
9	ConsolidatedTapeAssociation	Consolidated Tape Association (CTA) Symbol (SIAC CTS/CQS line format)
A	BloombergSymbol	Bloomberg Symbol
B	Wertpapier	Wertpapier
C	Dutch	Dutch
D	Valoren	Valoren
E	Sicovam	Sicovam
F	Belgian	Belgian
G	Common	"Common" (Clearstream and Euroclear)
H	ClearingHouse	Clearing house / Clearing organization
I	ISDAFpMLSpecification	ISDA/FpML product specification (XML in SecurityXML(1185))
J	OptionPriceReportingAuthority	Option Price Reporting Authority
K	ISDAFpMLURL	ISDA/FpML product URL (URL in SecurityID(48))
L	LetterOfCredit	Letter of credit
M	MarketplaceAssignedIdentifier	Marketplace-assigned Identifier
N	MarkitREDEntityCLIP	Markit RED entity CLIP
P	MarkitREDPairCLIP	Markit RED pair CLIP
Q	CFTCCommodityCode	CFTC commodity code
R	ISDACommodityReferencePrice	ISDA Commodity Reference Price

Code	Name	Description
S	FinancialInstrumentGlobalIdentifier	Financial Instrument Global Identifier. An Object Management Group (OMG) standard. Also referred to as FIGI. Formerly known as "Bloomberg Open Symbology BBGID".
T	LegalEntityIdentifier	Legal entity identifier
U	Synthetic	Synthetic. Used to specify that the security identifier is synthetic for linking nested underliers when there is no market identifier for the collection.
V	FidessaInstrumentMnemonic	Fidessa Instrument Mnemonic (FIM)
W	IndexName	Index name. Standard name of the index or rate index, e.g. "LIBOR" or "iTraxx Australia".
X	UniformSymbol	Uniform Symbol (UMTF Symbol)
Y	DigitalTokenIdentifier	Digital Token Identifier (ISO 24165)

Used in groups: [LegAdditionalTermBondRefGrp](#)

### 170.2.1270 LegAdditionalTermBondSeniority

Specifies the bond's payment priority in the event of a default.

Type: [String](#)

Allowed values in SeniorityCodeSet:

Code	Name	Description
SD	SeniorSecured	Senior Secured
SR	Senior	Senior
SB	Subordinated	Subordinated
JR	Junior	Junior. In the context of MiFID II this value is used as identified in RTS 23 Annex I Table 3 Field 23 "Seniority of the bond".
MZ	Mezzanine	Mezzanine. In the context of MiFID II this value is used as identified in RTS 23 Annex I Table 3 Field 23 "Seniority of the bond".
SN	SeniorNonPreferred	Senior Non-Preferred. For CDS reference obligations of non-preferred senior debt issued by European Financials that constitute a layer of debt ranking between the bank's normal senior debt but above the bank's normal tier 2 subordinated debt (reference: ISDA Credit Market Infrastructure Group).

Used in groups: [LegAdditionalTermBondRefGrp](#)

### **170.2.1271 LegAdditionalTermConditionPrecedentBondIndicator**

Indicates whether the condition precedent bond is applicable. The swap contract is only valid if the bond is issued and if there is any dispute over the terms of fixed stream then the bond terms would be used.

Type: [Boolean](#)

Used in groups: [LegAdditionalTermGrp](#)

### **170.2.1272 LegAdditionalTermDiscrepancyClauseIndicator**

Indicates whether the discrepancy clause is applicable.

Type: [Boolean](#)

Used in groups: [LegAdditionalTermGrp](#)

### **170.2.1273 LegAdditionalTermGrp**

The LegAdditionalTermGrp is a repeating subcomponent of the InstrumentLeg component used to report additional contract terms.

Name	Mult.	Type	Description
<a href="#">NoLegAdditionalTerms</a>	[1..1]	NumInGroup	
<a href="#">LegAdditionalTermConditionPrecedentBondIndicator</a>	[0..1]	Boolean	Required if NoLegAdditionalTerms(41335) > 0.
<a href="#">LegAdditionalTermDiscrepancyClauseIndicator</a>	[0..1]	Boolean	
<a href="#">LegAdditionalTermBondRefGrp</a>	[0..*]	Group	

Used in components: [InstrumentLeg](#)

### **170.2.1274 LegAgreementCurrency**

Contractual currency forming the basis of a financing agreement and associated transactions. Usually, but not always, the same as the trade currency.

Type: **Currency**

Used in components: **LegFinancingDetails**

### **170.2.1275 LegAgreementCurrencyCodeSource**

Identifies class or source of the LegAgreementCurrency(2495) value.

Type: **String**

Allowed values in CurrencyCodeSourceCodeSet:

<b>Code</b>	<b>Name</b>	<b>Description</b>
1	CUSIP	CUSIP
2	SEDOL	SEDOL
4	ISINNumber	ISIN
6	ISOCurrencyCode	ISO Currency Code (ISO 4217)
S	FinancialInstrumentGlobalIdentifier	Financial Instrument Global Identifier. An Object Management Group (OMG) standard. Also referred to as FIGI. Formerly known as "Bloomberg Open Symbology BBGID".
Y	DigitalTokenIdentifier	Digital Token Identifier (ISO 24165)

Used in components: **LegFinancingDetails**

### **170.2.1276 LegAgreementDate**

A reference to the date the underlying agreement specified by LegAgreementID(2498) and LegAgreementDesc(2497) was executed.

Type: **LocalMktDate**

Used in components: **LegFinancingDetails**

### **170.2.1277 LegAgreementDesc**

The full name of the base standard agreement, annexes and amendments in place between the principals applicable to a financing transaction. See <http://www.fpml.org/coding-scheme/master-agreement-type> for derivative values.

Type: **String**

Used in components: **LegFinancingDetails**



**170.2.1278 LegAgreementID**

A common reference to the applicable standing agreement between the counterparties to a financing transaction.

Type: **String**

Used in components: **LegFinancingDetails**

**170.2.1279 LegAgreementVersion**

The version of the master agreement.

Type: **String**

Used in components: **LegFinancingDetails**

**170.2.1280 LegalConfirm**

Indicates that this message is to serve as the final and legal confirmation.

Type: **Boolean**

Allowed values in LegalConfirmCodeSet:

Code	Name	Description
N	DoesNotConstituteALegalConfirm	Does not constitute a Legal Confirm
Y	LegalConfirm	Legal Confirm

Used in messages: **AllocationInstruction, AllocationInstructionAlert, AllocationReport, Confirmation**

**170.2.1281 LegAllDividendsIndicator**

Represents the European Master Confirmation value of 'All Dividends' which, when applicable, signifies that, for a given Ex-Date, the daily observed share price for that day is adjusted (reduced) by the cash dividend and/or the cash value of any non-cash dividend per share (including extraordinary dividends) declared by the issuer.

Type: **Boolean**

Used in components: **LegDividendConditions**

**170.2.1282 LegAllocAccount**

Allocation Account for the leg

See AllocAccount (79) for description and valid values.

Type: **String**

Used in groups: **LegPreAllocGrp**

**170.2.1283 LegAllocAcctIDSource**

Identifies the source of the LegAllocAccount(671).

Type: **int**

Allowed values in AcctIDSourceCodeSet:

Code	Name	Description
1	BIC	BIC
2	SIDCode	SID Code
3	TFM	TFM (GSPTA)
4	OMGEO	OMGEO (Alert ID)
5	DTCCCode	DTCC Code
6	SPSAID	Special Segregated Account ID. Also referred to as SPSA ID. The Special Segregated Account identifier issued by Hong Kong Exchanges and Clearing.
99	Other	Other (custom or proprietary)

Used in groups: **LegPreAllocGrp**

**170.2.1284 LegAllocID**

The AllocID(70) of an individual leg of a multileg order.

Type: **String**

Used in groups: **InstrmtLegExecGrp, LegOrdGrp, SideCrossLegGrp**

**170.2.1285 LegAllocQty**

Leg allocation quantity.

See AllocQty (80) for description and valid values.

Type: Qty

Used in groups: LegPreAllocGrp

**170.2.1286 LegAllocSettlCurrency**

Identifies settlement currency for the leg level allocation.

Type: Currency

Used in groups: LegPreAllocGrp

**170.2.1287 LegAllocSettlCurrencyCodeSource**

Identifies class or source of the LegAllocSettlCurrency(1367) value.

Type: String

Allowed values in CurrencyCodeSourceCodeSet:

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Code	Name	Description
1	CUSIP	CUSIP
2	SEDOL	SEDOL
4	ISINNumber	ISIN
6	ISOCurrencyCode	ISO Currency Code (ISO 4217)
S	FinancialInstrumentGlobalIdentifier	Financial Instrument Global Identifier. An Object Management Group (OMG) standard. Also referred to as FIGI. Formerly known as "Bloomberg Open Symbology BBGID".
Y	DigitalTokenIdentifier	Digital Token Identifier (ISO 24165)

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Used in groups: LegPreAllocGrp

**170.2.1288 LegAssetAttributeGrp**

The LegAssetAttributeGrp is a repeating subcomponent of the InstrumentLeg component used to detail attributes of the instrument asset.

Name	Mult.	Type	Description
NoLegAssetAttributes	[1..1]	NumInGroup	
LegAssetAttributeType	[0..1]	String	Required if NoLegAssetAttributes(2308) > 0.
LegAssetAttributeValue	[0..1]	String	
LegAssetAttributeLimit	[0..1]	String	

---

Used in components: [InstrumentLeg](#)

#### **170.2.1289 LegAssetAttributeLimit**

Limit or lower acceptable value of the attribute.

Type: [String](#)

Used in groups: [LegAssetAttributeGrp](#)

#### **170.2.1290 LegAssetAttributeType**

Specifies the name of the attribute.

See [http://www.fixtradingcommunity.org/codelists#Asset\\_Attribute\\_Types](http://www.fixtradingcommunity.org/codelists#Asset_Attribute_Types) for code list of applicable asset attribute types.

Type: [String](#)

Used in groups: [LegAssetAttributeGrp](#)

#### **170.2.1291 LegAssetAttributeValue**

Specifies the value of the attribute.

Type: [String](#)

Used in groups: [LegAssetAttributeGrp](#)

#### **170.2.1292 LegAssetClass**

The broad asset category for assessing risk exposure.

Type: [int](#)

Allowed values in AssetClassCodeSet:

Code	Name	Description
1	InterestRate	Interest rate
2	Currency	Currency
3	Credit	Credit
4	Equity	Equity
5	Commodity	Commodity
6	Other	Other
7	Cash	Cash
8	Debt	Debt
9	Fund	Fund. Such as mutual fund, collective investment vehicle, investment program, specialized account program.
10	LoanFacility	Loan facility
11	Index	Index. A main index identified as a security type, for example under EU SFTR reporting.

Used in components: [InstrumentLeg](#)

### 170.2.1293 LegAssetGroup

Indicates the broad product or asset classification. May be used to provide grouping for the product taxonomy (Product(460), SecurityType(167), etc.) and/or the risk taxonomy (AssetClass(1938), AssetSubClass(1939), AssetType(1940), etc.).

Type: [int](#)

Allowed values in AssetGroupCodeSet:

Code	Name	Description
1	Financials	Financials. A categorization which usually includes rates, foreign exchange, credit, bonds and equity products or assets.
2	Commodities	Commodities. A categorization which usually includes hard commodities such as agricultural, metals, freight, energy products or assets.
3	AlternativeInvestments	Alternative investments. A categorization which usually includes weather, housing, and commodity indices products or assets.

Used in components: [InstrumentLeg](#)

### 170.2.1294 LegAssetSubClass

The general subcategory description of the asset class.

Type: [int](#)

Allowed values in AssetSubClassCodeSet:

---

Code	Name	Description
1	SingleCurrency	Single currency
2	CrossCurrency	Cross currency
3	Basket	Basket [for multi-currency]
4	SingleName	Single name
5	CreditIndex	Credit index
6	IndexTranche	Index tranche
7	CreditBasket	Credit basket
8	Exotic	Exotic
9	Common	Common
10	Preferred	Preferred
11	EquityIndex	Equity index
12	EquityBasket	Equity basket
13	Metals	Metals
14	Bullion	Bullion
15	Energy	Energy
16	CommodityIndex	Commodity index
17	Agricultural	Agricultural
18	Environmental	Environmental
19	Freight	Freight
20	Government	Government
21	Agency	Agency
22	Corporate	Corporate
23	Financing	Financing
24	MoneyMarket	Money market
25	Mortgage	Mortgage
26	Municipal	Municipal

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<b>Code</b>	<b>Name</b>	<b>Description</b>
27	MutualFund	Mutual fund
28	CollectiveInvestmentVehicle	Collective investment vehicle
29	InvestmentProgram	Investment program. A generalized fund for major investors.
30	SpecializedAccountProgram	Specialized account program. A specialized fund setup for a particular account or group of accounts.
31	TermLoan	Term loan
32	BridgeLoan	Bridge loan
33	LetterOfCredit	Letter of credit
34	DividendIndex	Dividend index
35	StockDividend	Stock dividend
36	ExchangeTradedFund	Exchange traded fund
37	VolatilityIndex	Volatility index
38	FXCrossRates	FX cross rates
39	FXEmergingMarkets	FX emerging markets
40	FXMajors	FX Majors
41	Fertilizer	Fertilizer
42	IndustrialProduct	Industrial product
43	Inflation	Inflation
44	Paper	Paper
45	Polypropylene	Polypropylene
46	OfficialEconomicStatistics	Official economic statistics
47	OtherC10	Other C10. Defined under MiFID II (Directive 2014/65/EU) Section C(10) of Annex I and paraphrased in ESMA RTS 2 Annex III Section 10, "Other C10" is a financial instrument "which is not a 'Freight derivative', any of the following interest rate derivatives sub-asset classes: 'Inflation multi-currency swap or cross-currency swap', a 'Future/forward on inflation multi-currency swaps or cross-currency swaps', an 'Inflation single currency swap', a 'Future/forward on inflation single currency swap' and any of the following equity derivatives sub-asset classes: a 'Volatility index option', a 'Volatility index future/forward', a swap with parameter return variance, a swap with parameter return volatility, a portfolio swap with parameter return variance, a portfolio swap with parameter return volatility".
48	Other	Other. May be used with any AssetClass(1938) values.

Used in components: [InstrumentLeg](#)

### **170.2.1295 LegAssetSubType**

Used to provide a more specific description of the asset specified in LegAssetType(2069).

See <https://www.fixtrading.org/codelists/AssetSubType> for code list of applicable values.

Type: [String](#)

Used in components: [InstrumentLeg](#)

### **170.2.1296 LegAssetType**

Used to provide more specific description of the asset specified in LegAssetSubClass(2068).

See <https://www.fixtrading.org/codelists/AssetType> for code list of applicable values. ISO 4721 Currency Code values are to be used when specific currency as an asset type is to be expressed.

Other values may be used by mutual agreement of the counterparties.

Type: [String](#)

Used in components: [InstrumentLeg](#)

### **170.2.1297 LegAttachmentPoint**

Lower bound percentage of the loss that the tranche can endure.

Type: [Percentage](#)

Used in components: [InstrumentLeg](#)

### **170.2.1298 LegAutomaticExerciseIndicator**

Indicates (when 'Y') that exercise is automatic when the strike price is crossed or the underlying trade is in the money.

Type: [Boolean](#)

Used in components: [LegOptionExercise](#)



**170.2.1299 LegAutomaticExerciseThresholdRate**

The threshold rate for triggering automatic exercise.

Type: **float**

Used in components: **LegOptionExercise**

**170.2.1300 LegBenchmarkCurveCurrency**

LegBenchmarkPrice (679) currency

See BenchmarkCurveCurrency (220) for description and valid values.

Type: **Currency**

Used in components: **LegBenchmarkCurveData**

**170.2.1301 LegBenchmarkCurveCurrencyCodeSource**

Identifies class or source of the LegBenchmarkCurveCurrency(676) value.

Type: **String**

Allowed values in CurrencyCodeSourceCodeSet:

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<b>Code</b>	<b>Name</b>	<b>Description</b>
1	CUSIP	CUSIP
2	SEDOL	SEDOL
4	ISINNumber	ISIN
6	ISOCurrencyCode	ISO Currency Code (ISO 4217)
S	FinancialInstrumentGlobalIdentifier	Financial Instrument Global Identifier. An Object Management Group (OMG) standard. Also referred to as FIGI. Formerly known as "Bloomberg Open Symbology BBGID".
Y	DigitalTokenIdentifier	Digital Token Identifier (ISO 24165)

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Used in components: **LegBenchmarkCurveData**

**170.2.1302 LegBenchmarkCurveData**

The LegBenchmarkCurveData is used to convey the benchmark information used for pricing in a multi-legged Fixed Income security.

Name	Mult.	Type	Description
LegBenchmarkCurveCurrency	[0..1]	Currency	
LegBenchmarkCurveCurrencyCodeSource	[0..1]	CodeSet	
LegBenchmarkCurveName	[0..1]	CodeSet	
LegBenchmarkCurvePoint	[0..1]	String	
LegBenchmarkPrice	[0..1]	Price	
LegBenchmarkPriceType	[0..1]	CodeSet	

Used in groups: [InstrmtLegSecListGrp](#), [LegQuotGrp](#), [QuotReqLegsGrp](#), [SecLstUpdRelSymsLegGrp](#)

### 170.2.1303 LegBenchmarkCurveName

Name of the Leg Benchmark Curve.

See [BenchmarkCurveName \(22\)](#) for description and valid values.

Type: [String](#)

Allowed values in [BenchmarkCurveNameCodeSet](#):

Code	Name	Description
EONIA	EONIA	EONIA
EUREPO	EUREPO	EUREPO
Euribor	Euribor	EURIBOR (deprecated use enum EURIBOR instead). Deprecated use of EURIBOR for the enumeration.
FutureSWAP	FutureSWAP	FutureSWAP
LIBID	LIBID	LIBID
LIBOR	LIBOR	LIBOR (London Inter-Bank Offer)
MuniAAA	MuniAAA	MuniAAA
OTHER	OTHER	OTHER
Pfandbriefe	Pfandbriefe	Pfandbriefe
SONIA	SONIA	SONIA
SWAP	SWAP	SWAP
Treasury	Treasury	Treasury

<b>Code</b>	<b>Name</b>	<b>Description</b>
FEDEFF	FedFundRateEffective	US Federal Reserve fed funds effective rate. US Federal Reserve fed funds effective rate or the weighted average of the actual negotiated rates banks pay each other to to borrow funds.
FEDOPEN	FedOpen	US fed funds target rate. Fed funds target rate as determined by the US Federal Reserve Federal Open Market Committee.
EURIBOR	EURIBOR	Euro interbank offer rate
AUBSW	AUBSW	Australian Bank Bill Swap Rate
BUBOR	BUBOR	Budapest Bank Offered Rate
CDOR	CDOR	Canadian Dollar Offered Rate
CIBOR	CIBOR	Copenhagen Interbank Offered Rate
EONIASWAP	EONIASWAP	Euro Overnight Index Average Swap Rate
ESTR	ESTR	Euro Short Term Rate. Replaces EONIA.
EURODOLLAR	EURODOLLAR	Euro Dollar Rate
EUROSWISS	EUROSWISS	Euro Swiss Franc Rate
GCFREPO	GCFREPO	DTCC General Collateral Finance Repo Index
ISDAFIX	ISDAFIX	ICE Swap Rate
JIBAR	JIBAR	Johannesburg Interbank Agreed Rate
MOSPRIM	MOSPRIM	Moscow Prime Offered Rate
NIBOR	NIBOR	Nigeria Three Month Interbank Rate
PRIBOR	PRIBOR	Czech Republic Interbank Offered Rate
SOFR	SOFR	Secured Overnight Financing Rate. Replaces LIBOR.
STIBOR	STIBOR	Stockholm Interbank Offered Rate
TELBOR	TELBOR	Bank of Israel Interbank Offered Rate
TIBOR	TIBOR	Tokyo Interbank Offered Rate
WIBOR	WIBOR	Warsaw Interbank Offered Rate
AONIA	AONIA	Reserve Bank of Australia Interbank Overnight Cash Rate. Also known as AUD Overnight Index Average.
AONIA-R	AONIAR	Realised AONIA. "Realised AONIA applies a compounding formula to the daily AONIA rate, to determine the compounded average rate over the prior 1 to 6 month period." (source <a href="https://www.asx.com.au/documents/products/realised-aonia-explained.pdf">https://www.asx.com.au/documents/products/realised-aonia-explained.pdf</a> ).
BKBM	BKBM	New Zealand Bank Bill Market Rate
CD91D	CD19D	Republic of Korea 90-Day Certificate of Deposit Rate

Code	Name	Description
CORRA	CORRA	Canadian Overnight Repo Rate Average
DIRR-TN	DIRRTN	Danish Interbank Interest Rate-Tomorrow or Next
EIBOR	EIBOR	Emirates Interbank Offered Rate
FixingRepoRate	FixingRepoRate	China Interbank Overnight Repo Rate
HIBOR	HIBOR	Hong Kong Interbank Offered Rate
IBR	IBR	Colombia Overnight Interbank Reference Rate
KLIBOR	KLIBOR	Kuala Lumpur Interbank Offered Rate
MIBOR	MIBOR	Mumbia Interbank Offered Rate
NZONIA	NZONIA	New Zealand Overnight Indexed Swaps (OIS)
PHIREF	PHIREF	Philippines Interbank Reference Rate
REIBOR	REIBOR	Reykjavik Interbank Offered Rate
SAIBOR	SAIBOR	Saudi Arabian Interbank Offered Rate
SARON	SARON	Swiss Average Rate Overnight
SORA	SORA	Singapore Swap Offer Rate
TLREF	TLREF	Turkish Lira Overnight Reference Rate
TIIE	TIIE	Mexico Interbank Equilibrium Interest Rate
THBFX	THBFX	Thai Baht Interest Rate Fixing
TONAR	TONAR	Tokyo Overnight Average Rate

Used in components: [LegBenchmarkCurveData](#)

#### 170.2.1304 LegBenchmarkCurvePoint

Identifies the point on the Leg Benchmark Curve.

See [BenchmarkCurvePoint](#) (222) for description and valid values.

Type: [String](#)

Used in components: [LegBenchmarkCurveData](#)

#### 170.2.1305 LegBenchmarkPrice

Used to identify the price of the benchmark security.

See [BenchmarkPrice](#) (662) for description and valid values.

Type: **Price**

Used in components: **LegBenchmarkCurveData**

### 170.2.1306 LegBenchmarkPriceType

The price type of the LegBenchmarkPrice(679).

Type: **int**

Allowed values in PriceTypeCodeSet:

Code	Name	Description
1	Percentage	Percentage (i.e. percent of par) (often called "dollar price" for fixed income)
2	PerUnit	Per unit (i.e. per share or contract)
3	FixedAmount	Fixed amount (absolute value)
4	Discount	Discount - percentage points below par
5	Premium	Premium - percentage points over par
6	Spread	Spread (basis points spread). Usually the difference in yield between two switched bonds or a corporate bond traded spread-to-benchmark.
7	TEDPrice	TED Price
8	TEDYield	TED Yield
9	Yield	Yield
10	FixedCabinetTradePrice	Fixed cabinet trade price (primarily for listed futures and options)
11	VariableCabinetTradePrice	Variable cabinet trade price (primarily for listed futures and options)
12	PriceSpread	Price spread. Price spread is expressed based on market convention for the asset being priced or traded. For example, the difference between the prices of a multileg switch or strategy expressed in basis points for a CDS or TBA roll; a price value to be added to a reference price, such as a "pay up" for specified pools
13	ProductTicksInHalves	Product ticks in halves
14	ProductTicksInFourths	Product ticks in fourths
15	ProductTicksInEighths	Product ticks in eighths
16	ProductTicksInSixteenths	Product ticks in sixteenths
17	ProductTicksInThirtySeconds	Product ticks in thirty-seconds

Code	Name	Description
18	ProductTicksInSixtyFourths	Product ticks in sixty-fourths
19	ProductTicksInOneTwentyEighths	Product ticks in one-twenty-eighths
20	NormalRateRepresentation	Normal rate representation (e.g. FX rate)
21	InverseRateRepresentation	Inverse rate representation (e.g. FX rate)
22	BasisPoints	Basis points. When the price is not spread based.
23	UpfrontPoints	Up front points. Used specifically for CDS pricing.
24	InterestRate	Interest rate. When the price is an interest rate. For example, used with benchmark reference rate.
25	PercentageNotional	Percentage of notional

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Used in components: [LegBenchmarkCurveData](#)

#### **170.2.1307 LegBidForwardPoints**

The bid FX forward points for the leg of an FX Swap. Value can be negative. Expressed in decimal form. For example, 61.99 points is expressed and sent as 0.006199

Type: [PriceOffset](#)

Used in groups: [LegQuotGrp](#)

#### **170.2.1308 LegBidPx**

Bid price of this leg.

See BidPx (32) for description and valid values.

Type: [Price](#)

Used in groups: [LegQuotGrp](#)

#### **170.2.1309 LegBrokerConfirmationDesc**

Describes the type of broker confirmation executed between the parties. Can be used as an alternative to MasterConfirmationDesc(1962). See <http://www.fpml.org/coding-scheme/broker-confirmation-type> for values.

Type: [String](#)

Used in components: [LegFinancingDetails](#)

**170.2.1310 LegBusinessCenter**

A business center whose calendar is used for date adjustment, e.g. "GBLO".

See <http://www.fpml.org/coding-scheme/business-center> for standard 4-character code values.

Type: **String**

Used in groups: **LegBusinessCenterGrp**

**170.2.1311 LegBusinessCenterGrp**

LegBusinessCenterGrp is a repeating subcomponent within the LegDateAdjustment component. It is used to specify the set of business centers whose calendars drive the date adjustment. The business centers defined here apply to all adjustable dates in the instrument leg unless specifically overridden elsewhere in the respective specified components further within the InstrumentLeg component.

Name	Mult.	Type	Description
NoLegBusinessCenters	[1..1]	NumInGroup	
LegBusinessCenter	[0..1]	String	Required if NoLegBusinessCenters(40923) > 0.

Used in components: **LegDateAdjustment**

**170.2.1312 LegBusinessDayConvention**

The business day convention used for adjusting dates. The value defined here applies to all adjustable dates in the instrument leg unless specifically overridden.

Type: **int**

Allowed values in BusinessDayConventionCodeSet:

Code	Name	Description
0	NotApplicable	Not applicable. Business day convention is not applicable.
1	None	None (current day)
2	FollowingDay	Following day. The following business day.
3	FloatingRateNote	Floating rate note. The FRN business day convention.
4	ModifiedFollowingDay	Modified following day. The modified following business day.
5	PrecedingDay	Preceding day. The preceding business day.

Code	Name	Description
6	ModifiedPrecedingDay	Modified preceding day. The modified preceding business day.
7	NearestDay	Nearest day. The nearest applicable business day.

Used in components: [LegDateAdjustment](#)

### **170.2.1313 LegCalculatedCcyLastQty**

Used for the calculated quantity of the other side of the currency for this leg. Can be derived from LegQty and LegLastPx.

Type: [Qty](#)

Used in groups: [InstrmtLegExecGrp](#), [TrdInstrmtLegGrp](#)

### **170.2.1314 LegCapPrice**

Used to express the ceiling price of a capped call.

Type: [Price](#)

Used in components: [InstrumentLeg](#)

### **170.2.1315 LegCashSettlAccruedInterestIndicator**

Indicates whether accrued interest is included or not in the value provided in LegCashSettlAmount(41357).

For cash settlement this specifies whether quotations should be obtained inclusive or not of accrued interest.

For physical settlement this specifies whether the buyer should deliver the obligation with an outstanding principal balance that includes or excludes accrued interest.

Type: [Boolean](#)

Used in groups: [LegCashSettlTermGrp](#)



**170.2.1316 LegCashSettlAmount**

The amount paid between the trade parties, seller to the buyer, for cash settlement on the cash settlement date.

Type: **Amt**

Used in groups: **LegCashSettlTermGrp**

**170.2.1317 LegCashSettlBusinessCenter**

Identifies the business center calendar used at valuation time for cash settlement purposes e.g. "GBLO".

See <http://www.fpml.org/coding-scheme/business-center> for standard 4-character code values.

Type: **String**

Used in groups: **LegCashSettlTermGrp**

**170.2.1318 LegCashSettlBusinessDays**

The number of business days used in the determination of the cash settlement payment date.

Type: **int**

Used in groups: **LegCashSettlTermGrp**

**170.2.1319 LegCashSettlCurrency**

Specifies the currency the LegCashSettlAmount(41357) is denominated in. Uses ISO 4217 currency codes.

Type: **Currency**

Used in groups: **LegCashSettlTermGrp**

**170.2.1320 LegCashSettlDateAdjusted**

The adjusted cash settlement date.

Type: **LocalMktDate**

Used in components: **LegCashSettlDate**

**170.2.1321 LegCashSettlDateBusinessCenter**

The business center calendar used for date adjustment of the cash settlement unadjusted or relative date, e.g. "GBLO".

See <http://www.fpml.org/coding-scheme/business-center> for standard 4-character code values.

Type: **String**

Used in groups: **LegCashSettlDateBusinessCenterGrp**

**170.2.1322 LegCashSettlDateBusinessCenterGrp**

LegCashSettlDateBusinessCenterGrp is a repeating subcomponent within the LegCashSettlDate component. It is used to specify the set of business centers whose calendars drive the date adjustment. Used only to override the business centers defined in the DateAdjustment component in Instrument.

Name	Mult.	Type	Description
NoLegCashSettlDateBusinessCenters	[1..1]	NumInGroup	
LegCashSettlDateBusinessCenter	[0..1]	String	Required if NoLegCashSettlDateBusinessCenters(42306) > 0.

Used in components: **LegCashSettlDate**

**170.2.1323 LegCashSettlDateBusinessDayConvention**

The business day convention used to adjust the cash settlement provision's date. Used only to override the business day convention defined in the InstrumentLeg component.

Type: **int**

Allowed values in BusinessDayConventionCodeSet:

Code	Name	Description
0	NotApplicable	Not applicable. Business day convention is not applicable.
1	None	None (current day)
2	FollowingDay	Following day. The following business day.
3	FloatingRateNote	Floating rate note. The FRN business day convention.
4	ModifiedFollowingDay	Modified following day. The modified following business day.

Code	Name	Description
5	PrecedingDay	Preceding day. The preceding business day.
6	ModifiedPrecedingDay	Modified preceding day. The modified preceding business day.
7	NearestDay	Nearest day. The nearest applicable business day.

Used in components: [LegCashSettlDate](#)

### 170.2.1324 LegCashSettlDate

The LegCashSettlDate component is a subcomponent within the LegCashSettlTermGrp component used to report the cash settlement date defined in the settlement provision.

Name	Mult.	Type	Description
<a href="#">LegCashSettlDateUnadjusted</a>	[0..1]	LocalMktDate	
<a href="#">LegCashSettlDateBusinessDayConvention</a>	[0..1]	CodeSet	When specified, this overrides the business day convention defined in the DateAdjustment component in the Instrument component. The specified value would be specific to this instance of the cash settlement provision.
<a href="#">LegCashSettlDateBusinessCenterGrp</a>	[0..*]	Group	When specified, this overrides the business centers defined in the DateAdjustment component in the Instrument component. The specified values would be specific to this instance of the cash settlement provision.
<a href="#">LegCashSettlDateRelativeTo</a>	[0..1]	int	
<a href="#">LegCashSettlDateOffsetPeriod</a>	[0..1]	int	Conditionally required when LegCashSettlDateOffsetUnit(42303) is specified.
<a href="#">LegCashSettlDateOffsetUnit</a>	[0..1]	CodeSet	Conditionally required when LegCashSettlDateOffsetPeriod(42302) is specified.
<a href="#">LegCashSettlDateOffsetDayType</a>	[0..1]	CodeSet	
<a href="#">LegCashSettlDateAdjusted</a>	[0..1]	LocalMktDate	

Used in groups: [LegCashSettlTermGrp](#)

### 170.2.1325 LegCashSettlDateOffsetDayType

Specifies the day type of the relative cash settlement date offset.

Type: **int**

Allowed values in PaymentStreamPaymentDateOffsetDayTypeCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	Business	Business
1	Calendar	Calendar
2	CommodityBusiness	Commodity business
3	CurrencyBusiness	Currency business
4	ExchangeBusiness	Exchange business
5	ScheduledTradingDay	Scheduled trading day

---

Used in components: [LegCashSettlDate](#)

#### **170.2.1326 LegCashSettlDateOffsetPeriod**

Time unit multiplier for the relative cash settlement date offset.

Type: **int**

Used in components: [LegCashSettlDate](#)

#### **170.2.1327 LegCashSettlDateOffsetUnit**

Time unit associated with the relative cash settlement date offset.

Type: **String**

Allowed values in PaymentStreamPaymentDateOffsetUnitCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
D	Day	Day
Wk	Week	Week
Mo	Month	Month
Yr	Year	Year

---

Used in components: [LegCashSettlDate](#)

**170.2.1328 LegCashSettlDateRelativeTo**

Specifies the anchor date when the cash settlement date is relative to an anchor date.

See [http://www.fixtradingcommunity.org/codelists#Relative\\_To\\_Date](http://www.fixtradingcommunity.org/codelists#Relative_To_Date) for values.

Type: **int**

Used in components: **LegCashSettlDate**

**170.2.1329 LegCashSettlDateUnadjusted**

The unadjusted cash settlement date.

Type: **LocalMktDate**

Used in components: **LegCashSettlDate**

**170.2.1330 LegCashSettlDealer**

Identifies the dealer from whom price quotations for the reference obligation are obtained for the purpose of cash settlement valuation calculation.

Type: **String**

Used in groups: **LegCashSettlDealerGrp**

**170.2.1331 LegCashSettlDealerGrp**

LegCashSettlDealerGrp is a repeating subcomponent of the LegCashSettlTermGrp component used to specify the dealers from whom price quotations for the reference obligation are obtained for the purpose of cash settlement valuation.

---

<b>Name</b>	<b>Mult.</b>	<b>Type</b>	<b>Description</b>
<b>NoLegCashSettlDealers</b>	[1..1]	NumInGroup	
<b>LegCashSettlDealer</b>	[0..1]	String	Required if NoLegCashSettlDealers(41342) > 0.

---

Used in groups: **LegCashSettlTermGrp**

**170.2.1332 LegCashSettlFixedTermIndicator**

Indicates whether fixed settlement is applicable or not applicable in a recovery lock.

Type: **Boolean**

Used in groups: **LegCashSettlTermGrp**

**170.2.1333 LegCashSettlMinimumQuoteAmount**

When determining the cash settlement amount, if weighted average price quotes are to be obtained for the reference obligation, this is the minimum intended threshold amount of outstanding principal balance of the reference obligation for which the quote should be obtained. If not specified, the ISDA definitions provide for a fallback amount of the lower of either USD1,000,000 (or its equivalent in the relevant obligation currency) or the (minimum) quoted amount.

Type: **Amt**

Used in groups: **LegCashSettlTermGrp**

**170.2.1334 LegCashSettlMinimumQuoteCurrency**

Specifies the currency the LegCashSettlQuoteMinimumAmount(41354) is denominated in. Uses ISO 4217 Currency Code.

Type: **Currency**

Used in groups: **LegCashSettlTermGrp**

**170.2.1335 LegCashSettlNumOfValuationDates**

Where multiple valuation dates are specified as being applicable for cash settlement, this element specifies the number of applicable valuation dates.

Type: **int**

Used in groups: **LegCashSettlTermGrp**

**170.2.1336 LegCashSettlPriceDefault**

The default election for determining settlement price.

Type: **int**

Allowed values in CashSettlPriceDefaultCodeSet:

Code	Name	Description
0	Close	Close. Official closing price.
1	Hedge	Hedge. Determined by the hedging party.

Used in groups: [LegCashSettlTermGrp](#)

#### **170.2.1337 LegCashSettlPriceSource**

The source from which the settlement price is to be obtained.

See <http://www.fpml.org/coding-scheme/settlement-price-source> for values.

Type: [String](#)

Used in groups: [LegCashSettlTermGrp](#)

#### **170.2.1338 LegCashSettlQuoteAmount**

When determining the cash settlement amount, if weighted average price quotes are to be obtained for the reference obligation, this is the upper limit to the outstanding principal balance of the reference obligation for which the quote should be obtained. If not specified, the ISDA definitions provide for a fallback amount equal to floating rate payer calculation amount.

Type: [Amt](#)

Used in groups: [LegCashSettlTermGrp](#)

#### **170.2.1339 LegCashSettlQuoteCurrency**

Specifies the currency the LegCashSettlQuoteAmount(41352) is denominated in. Uses ISO 4217 Currency Code.

Type: [Currency](#)

Used in groups: [LegCashSettlTermGrp](#)

**170.2.1340 LegCashSettlQuoteMethod**

The type of quote used to determine the cash settlement price.

Type: **int**

Allowed values in CashSettlQuoteMethodCodeSet:

Code	Name	Description
0	Bid	Bid
1	Mid	Mid
2	Offer	Offer

Used in groups: **LegCashSettlTermGrp**

**170.2.1341 LegCashSettlRecoveryFactor**

Used for fixed recovery, this specifies the recovery level as determined at contract inception, to be applied in the event of a default. The factor is used to calculate the amount paid by the seller to the buyer for cash settlement on the cash settlement date. The amount calculated is  $(1 - \text{LegCashSettlRecoveryFactor}(41358)) \times \text{floating rate payer calculation amount}$ . The currency is derived from the floating rate payer calculation amount.

Type: **float**

Used in groups: **LegCashSettlTermGrp**

**170.2.1342 LegCashSettlTermGrp**

The LegCashSettlTermGrp is a repeating component within the InstrumentLeg component used to report cash settlement terms.

Name	Mult.	Type	Description
<b>NoLegCashSettlTerms</b>	[1..1]	NumInGroup	
<b>LegCashSettlCurrency</b>	[0..1]	Currency	Required if NoLegCashSettlTerms(41344) > 0.
<b>LegCasSettlValuationFirstBusiness-DayOffset</b>	[0..1]	int	
<b>LegCashSettlValuationSubsequent-BusinessDaysOffset</b>	[0..1]	int	



Name	Mult.	Type	Description
LegCashSettlNumOfValuationDates	[0..1]	int	
LegCashSettlValuationTime	[0..1]	LocalMktTime	
LegCashSettlBusinessCenter	[0..1]	String	
LegCashSettlQuoteMethod	[0..1]	CodeSet	
LegCashSettlQuoteAmount	[0..1]	Amt	
LegCashSettlQuoteCurrency	[0..1]	Currency	
LegCashSettlMinimumQuoteAmount	[0..1]	Amt	
LegCashSettlMinimumQuoteCurrency	[0..1]	Currency	
LegCashSettlDealerGrp	[0..*]	Group	
LegCashSettlPriceSource	[0..1]	String	
LegCashSettlPriceDefault	[0..1]	CodeSet	
LegCashSettlBusinessDays	[0..1]	int	
LegCashSettlAmount	[0..1]	Amt	
LegCashSettlDate	[0..1]	Component	
LegCashSettlRecoveryFactor	[0..1]	float	
LegCashSettlFixedTermIndicator	[0..1]	Boolean	
LegCashSettlAccruedInterestIndicator	[0..1]	Boolean	
LegCashSettlValuationMethod	[0..1]	CodeSet	
LegCashSettlTermXID	[0..1]	XID	

Used in components: [InstrumentLeg](#)

#### 170.2.1343 LegCashSettlTermXID

A named string value referenced by UnderlyingSettlTermXIDRef(41315).

Type: [XID](#)

Used in groups: [LegCashSettlTermGrp](#)

#### 170.2.1344 LegCashSettlValuationMethod

The ISDA defined methodology for determining the final price of the reference obligation for purposes of cash settlement.

Type: [int](#)

Allowed values in CashSettlValuationMethodCodeSet:

Code	Name	Description
0	Market	Market
1	Highest	Highest
2	AverageMarket	Average market
3	AverageHighest	Average highest
4	BlendedMarket	Blended market
5	BlendedHighest	Blended highest
6	AverageBlendedMarket	Average blended market
7	AverageBlendedHighest	Average blended highest

Used in groups: [LegCashSettlTermGrp](#)

#### **170.2.1345 LegCashSettlValuationSubsequentBusinessDaysOffset**

The number of business days between successive valuation dates when multiple valuation dates are applicable for cash settlement.

Type: [int](#)

Used in groups: [LegCashSettlTermGrp](#)

#### **170.2.1346 LegCashSettlValuationTime**

Time of valuation.

Type: [LocalMktTime](#)

Used in groups: [LegCashSettlTermGrp](#)

#### **170.2.1347 LegCasSettlValuationFirstBusinessDayOffset**

The number of business days after settlement conditions have been satisfied, when the calculation agent is to obtain a price quotation on the reference obligation for purposes of cash settlement.

Type: [int](#)

Used in groups: [LegCashSettlTermGrp](#)

**170.2.1348 LegCFIcode**

Multileg instrument's individual security's CFIcode.

See CFIcode (461) field for description

Type: **String**

Used in components: **InstrumentLeg**

**170.2.1349 LegClearingAccountType**

Designates the capacity in which the order will be submitted to clearing.

Type: **int**

Allowed values in ClearingAccountTypeCodeSet:

Code	Name	Description
1	Customer	Customer
2	Firm	Firm
3	MarketMaker	Market maker

Used in groups: **InstrmtLegExecGrp**, **LegOrdGrp**, **SideCrossLegGrp**, **TrdInstrmtLegGrp**

**170.2.1350 LegCommonPricingIndicator**

When this element is specified and set to 'Y', it indicates that common pricing applies. Common pricing may be relevant for a transaction that references more than one commodity reference price.

Type: **Boolean**

Used in components: **InstrumentLeg**

**170.2.1351 LegComplexEvenReferencePageHeading**

Identifies the reference page heading from the rate source.

Type: **String**

Used in groups: **LegComplexEventRateSourceGrp**

**170.2.1352 LegComplexEventAveragingObservationGrp**

LegComplexEventAveragingObservationGrp is an optional subcomponent of LegComplexEventPeriodGrp for specifying the weight of each of the dated observations.

Name	Mult.	Type	Description
NoLegComplexEventAveragingObservations	[1..1]	NumInGroup	
LegComplexEventAveragingObservationNumber	[0..1]	int	Required if NoLegComplexEventAveragingObservations(41363) > 0.
LegComplexEventAveragingWeight	[0..1]	float	

Used in groups: [LegComplexEventPeriodGrp](#)

**170.2.1353 LegComplexEventAveragingObservationNumber**

Cross reference to the ordinal observation as specified either in the LegComplexEventScheduleGrp or LegComplexEventPeriodDateGrp components.

Type: [int](#)

Used in groups: [LegComplexEventAveragingObservationGrp](#)

**170.2.1354 LegComplexEventAveragingWeight**

The weight factor to be applied to the observation.

Type: [float](#)

Used in groups: [LegComplexEventAveragingObservationGrp](#)

**170.2.1355 LegComplexEventBusinessCenter**

The business center for adjusting dates and times in the schedule or date-time group.

See <http://www.fpml.org/coding-scheme/business-center> for standard 4-character code values.

Type: [String](#)

Used in groups: [LegComplexEventPeriodGrp](#)

**170.2.1356 LegComplexEventCalculationAgent**

Used to identify the calculation agent.

Type: **int**

Allowed values in ProvisionCalculationAgentCodeSet:

Code	Name	Description
0	ExercisingParty	Exercising party
1	NonExercisingParty	Non-exercising party
2	MasterAgreeent	As specified in the master agreement
3	Supplement	As specified in the standard terms supplement

Used in groups: **LegComplexEvents**

**170.2.1357 LegComplexEventCondition**

Specifies the condition between complex events when more than one event is specified.

Multiple barrier events would use an "or" condition since only one can be effective at a given time. A set of digital range events would use an "and" condition since both conditions must be in effect for a payout to result.

Type: **int**

Allowed values in ComplexEventConditionCodeSet:

Code	Name	Description
1	And	And
2	Or	Or

Used in groups: **LegComplexEvents**

**170.2.1358 LegComplexEventCreditEventBusinessCenter**

Specifies the local business center for which the credit event is to be determined. The inclusion of this business center implies that Greenwich Mean Time in Section 3.3 of the 2003 ISDA Credit Derivatives Definitions is replaced by the local time of the specified business center.

See <http://www.fpml.org/coding-scheme/business-center> for standard 4-character code values.

Type: **String**

Used in groups: **LegComplexEvents**

### **170.2.1359 LegComplexEventCreditEventCurrency**

Specifies the applicable currency when LegComplexEventCreditEventCurrency(41368) is an amount.

Uses ISO 4217 currency codes.

Type: **Currency**

Used in groups: **LegComplexEventCreditEventGrp**

### **170.2.1360 LegComplexEventCreditEventDayType**

Specifies the day type for the complex credit events.

Type: **int**

Allowed values in ComplexEventDateOffsetDayTypeCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	Business	Business
1	Calendar	Calendar
2	CommodityBusiness	Commodity business
3	CurrencyBusiness	Currency business
4	ExchangeBusiness	Exchange business
5	ScheduledTradingDay	Scheduled trading day

---

Used in groups: **LegComplexEventCreditEventGrp**

### **170.2.1361 LegComplexEventCreditEventGrp**

The LegComplexEventCreditEventGrp is a repeating component within the LegComplexEventGrp component used to report applicable option credit events.

Name	Mult.	Type	Description
NoLegComplexEventCreditEvents	[1..1]	NumInGroup	
LegComplexEventCreditEventType	[0..1]	String	Required if NoLegComplexEventCreditEvents(41366) > 0.
LegComplexEventCreditEventValue	[0..1]	String	
LegComplexEventCreditEventCurrency	[0..1]	Currency	
LegComplexEventCreditEventPeriod	[0..1]	int	Conditionally required when LegComplexEventCreditEventUnit(41371) is specified.
LegComplexEventCreditEventUnit	[0..1]	CodeSet	Conditionally required when LegComplexEventCreditEventPeriod(41370) is specified.
LegComplexEventCreditEventDayType	[0..1]	CodeSet	
LegComplexEventCreditEventRate-Source	[0..1]	int	
LegComplexEventCreditEventQualifierGrp	[0..*]	Group	

Used in groups: [LegComplexEvents](#)

#### 170.2.1362 LegComplexEventCreditEventMinimumSources

The minimum number of the specified public information sources that must publish information that reasonably confirms that a credit event has occurred. The market convention is two.

Type: [int](#)

Used in groups: [LegComplexEvents](#)

#### 170.2.1363 LegComplexEventCreditEventNotifyingParty

The notifying party is the party that notifies the other party when a credit event has occurred by means of a credit event notice. If more than one party is referenced as being the notifying party then either party may notify the other of a credit event occurring.

Type: [int](#)

Allowed values in ComplexEventCreditEventNotifyingPartyCodeSet:

Code	Name	Description
0	SellerNotifies	Seller notifies
1	BuyerNotifies	Buyer notifies
2	SellerOrBuyerNotifies	Seller or buyer notifies

Used in groups: [LegComplexEvents](#)

### 170.2.1364 LegComplexEventCreditEventPeriod

Time unit multiplier for complex credit events.

Type: [int](#)

Used in groups: [LegComplexEventCreditEventGrp](#)

### 170.2.1365 LegComplexEventCreditEventQualifier

Specifies a complex event qualifier. Used to further qualify LegComplexEventCreditEvent-  
Type(41367).

Type: [char](#)

Allowed values in ProtectionTermEventQualifierCodeSet:

Code	Name	Description
H	RestructuringMultipleHoldingObligations	Restructuring - multiple holding obligations. In relation to a restructuring credit event, unless multiple holder obligation is not specified restructurings are limited to multiple holder obligations. A multiple holder obligation means an obligation that is held by more than three holders that are not affiliates of each other and where at least two thirds of the holders must agree to the event that constitutes the restructuring credit event. ISDA 2003 Term: Multiple Holder Obligation.
E	RestructuringMultipleCreditEvent-Notices	Restructuring - multiple credit event notices. Presence of this element and value set to 'true' indicates that Section 3.9 of the 2003 Credit Derivatives Definitions shall apply. Absence of this element indicates that Section 3.9 shall not apply. NOTE: Not allowed under ISDA Credit 1999.
C	FloatingRateInterestShortfall	Floating rate interest shortfall. Indicates compounding.

Used in groups: [LegComplexEventCreditEventQualifierGrp](#)



**170.2.1366 LegComplexEventCreditEventQualifierGrp**

The LegComplexEventCreditEventQualifierGrp is a repeating component within the LegComplexEventCreditEventGrp component used to specify qualifying attributes to an event.

Name	Mult.	Type	Description
NoLegComplexEventCreditEventQualifiers	[1..1]	NumInGroup	
LegComplexEventCreditEventQualifier	[0..1]	CodeSet	Required if NoLegComplexEventCreditEventQualifiers(41374) > 0.

Used in groups: [LegComplexEventCreditEventGrp](#)

**170.2.1367 LegComplexEventCreditEventRateSource**

Identifies the source of rate information used for credit events.

See [http://www.fixtradingcommunity.org/codelists#Credit\\_Event\\_Rate\\_Source](http://www.fixtradingcommunity.org/codelists#Credit_Event_Rate_Source) for code list of applicable sources.

Type: [int](#)

Used in groups: [LegComplexEventCreditEventGrp](#)

**170.2.1368 LegComplexEventCreditEventSource**

A newspaper or electronic news service that may publish relevant information used in the determination of whether or not a credit event has occurred.

Type: [String](#)

Used in groups: [LegComplexEventCreditEventSourceGrp](#)

**170.2.1369 LegComplexEventCreditEventSourceGrp**

LegComplexEventCreditEventSourceGrp is a repeating subcomponent of the LegComplexEvents component used to specify the particular newspapers or electronic news services that may publish relevant information used in the determination of whether or not a credit event has occurred.

Name	Mult.	Type	Description
NoLegComplexEventCreditEventSources	[1..1]	NumInGroup	
LegComplexEventCreditEventSource	[0..1]	String	Required if NoLegComplexEventCreditEventSources(41398) > 0.

Used in groups: [LegComplexEvents](#)

#### **170.2.1370 LegComplexEventCreditEventStandardSources**

When this element is specified and set to 'Y', indicates that ISDA defined Standard Public Sources are applicable.

Type: [Boolean](#)

Used in groups: [LegComplexEvents](#)

#### **170.2.1371 LegComplexEventCreditEventsXIDRef**

Reference to credit event table elsewhere in the message.

Type: [XIDREF](#)

Used in groups: [LegComplexEvents](#)

#### **170.2.1372 LegComplexEventCreditEventType**

Specifies the type of credit event.

See [http://www.fixtradingcommunity.org/codelists#Credit\\_Event\\_Types](http://www.fixtradingcommunity.org/codelists#Credit_Event_Types) for code list of applicable event types.

Type: [String](#)

Used in groups: [LegComplexEventCreditEventGrp](#)

#### **170.2.1373 LegComplexEventCreditEventUnit**

Time unit associated with complex credit events.

Type: **String**

Allowed values in ProtectionTermEventUnitCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
D	Day	Day
Wk	Week	Week
Mo	Month	Month
Yr	Year	Year

---

Used in groups: **LegComplexEventCreditEventGrp**

#### **170.2.1374 LegComplexEventCreditEventValue**

The credit event value appropriate to LegComplexEventCreditEventType(41367).

See [http://www.fixtradingcommunity.org/codelists#Credit\\_Event\\_Types](http://www.fixtradingcommunity.org/codelists#Credit_Event_Types) for applicable event type values.

Type: **String**

Used in groups: **LegComplexEventCreditEventGrp**

#### **170.2.1375 LegComplexEventCurrencyOne**

Specifies the first or only reference currency of the trade.

LegComplexEventCurrencyOneCodeSource(2945) may be used to disambiguate the code source scheme used, and ISO 4217 is the default scheme if absent.

Type: **Currency**

Used in groups: **LegComplexEvents**

#### **170.2.1376 LegComplexEventCurrencyOneCodeSource**

Identifies class or source of the LegComplexEventCurrencyOne(2233) value.

Type: **String**

Allowed values in CurrencyCodeSourceCodeSet:

Code	Name	Description
1	CUSIP	CUSIP
2	SEDOL	SEDOL
4	ISINNumber	ISIN
6	ISOCurrencyCode	ISO Currency Code (ISO 4217)
S	FinancialInstrumentGlobalIdentifier	Financial Instrument Global Identifier. An Object Management Group (OMG) standard. Also referred to as FIGI. Formerly known as "Bloomberg Open Symbology BBGID".
Y	DigitalTokenIdentifier	Digital Token Identifier (ISO 24165)

Used in groups: [LegComplexEvents](#)

### 170.2.1377 LegComplexEventCurrencyTwo

Specifies the second reference currency of the trade.

LegComplexEventCurrencyTwoCodeSource(2946) may be used to disambiguate the code source scheme used, and ISO 4217 is the default scheme if absent.

Type: [Currency](#)

Used in groups: [LegComplexEvents](#)

### 170.2.1378 LegComplexEventCurrencyTwoCodeSource

Identifies class or source of the LegComplexEventCurrencyTwo(2234) value.

Type: [String](#)

Allowed values in CurrencyCodeSourceCodeSet:

Code	Name	Description
1	CUSIP	CUSIP
2	SEDOL	SEDOL
4	ISINNumber	ISIN
6	ISOCurrencyCode	ISO Currency Code (ISO 4217)
S	FinancialInstrumentGlobalIdentifier	Financial Instrument Global Identifier. An Object Management Group (OMG) standard. Also referred to as FIGI. Formerly known as "Bloomberg Open Symbology BBGID".

Code	Name	Description
Y	DigitalTokenIdentifier	Digital Token Identifier (ISO 24165)

Used in groups: [LegComplexEvents](#)

### 170.2.1379 LegComplexEventDateAdjusted

The adjusted complex event date.

Type: [LocalMktDate](#)

Used in components: [LegComplexEventRelativeDate](#)

### 170.2.1380 LegComplexEventDateBusinessCenter

The business center calendar used to adjust the event date, e.g. "GBLO".

See <http://www.fpml.org/coding-scheme/business-center> for standard 4-character code values.

Type: [String](#)

Used in groups: [LegComplexEventDateBusinessCenterGrp](#)

### 170.2.1381 LegComplexEventDateBusinessCenterGrp

[LegComplexEventDateBusinessCenterGrp](#) is a repeating subcomponent of the [LegComplexEventRelativeDate](#) component used to specify the set of business centers whose calendars drive date adjustment. Used only to override the business centers defined in the [LegDateAdjustment](#) component in [InstrumentLeg](#).

Name	Mult.	Type	Description
<a href="#">NoLegComplexEventDateBusinessCenters</a>	[1..1]	NumInGroup	
<a href="#">LegComplexEventDateBusinessCenter</a>	[0..1]	String	Required if <a href="#">NoLegComplexEventDateBusinessCenters</a> (41387) > 0.

Used in components: [LegComplexEventRelativeDate](#)

**170.2.1382 LegComplexEventDateBusinessDayConvention**

The business day convention used to adjust the event date. Used only to override the business day convention specified in the LegDateAdjustment component within the InstrumentLeg component.

Type: **int**

Allowed values in BusinessDayConventionCodeSet:

Code	Name	Description
0	NotApplicable	Not applicable. Business day convention is not applicable.
1	None	None (current day)
2	FollowingDay	Following day. The following business day.
3	FloatingRateNote	Floating rate note. The FRN business day convention.
4	ModifiedFollowingDay	Modified following day. The modified following business day.
5	PrecedingDay	Preceding day. The preceding business day.
6	ModifiedPrecedingDay	Modified preceding day. The modified preceding business day.
7	NearestDay	Nearest day. The nearest applicable business day.

Used in components: [LegComplexEventRelativeDate](#)

**170.2.1383 LegComplexEventDateOffsetDayType**

Specifies the day type of the relative date offset.

Type: **int**

Allowed values in ComplexEventDateOffsetDayTypeCodeSet:

Code	Name	Description
0	Business	Business
1	Calendar	Calendar
2	CommodityBusiness	Commodity business
3	CurrencyBusiness	Currency business
4	ExchangeBusiness	Exchange business
5	ScheduledTradingDay	Scheduled trading day

Used in components: [LegComplexEventRelativeDate](#)

**170.2.1384 LegComplexEventDateOffsetPeriod**

Time unit multiplier for the relative date offset.

Type: **int**

Used in components: **LegComplexEventRelativeDate**

**170.2.1385 LegComplexEventDateOffsetUnit**

Time unit associated with the relative date offset.

Type: **String**

Allowed values in PaymentStreamPaymentDateOffsetUnitCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
D	Day	Day
Wk	Week	Week
Mo	Month	Month
Yr	Year	Year

---

Used in components: **LegComplexEventRelativeDate**

**170.2.1386 LegComplexEventDateRelativeTo**

Specifies the anchor date when the complex event date is relative to an anchor date.

See [http://www.fixtradingcommunity.org/codelists#Relative\\_To\\_Date](http://www.fixtradingcommunity.org/codelists#Relative_To_Date) for values.

Type: **int**

Used in components: **LegComplexEventRelativeDate**

**170.2.1387 LegComplexEventDates**

The LegComplexEventDates and subcomponent LegComplexEventTimes components are used to constrain a complex event to a specific date range, and optional time range. If specified the event is only effective on or within the specified dates and times.

Name	Mult.	Type	Description
NoLegComplexEventDates	[1..1]	NumInGroup	
LegComplexEventStartDate	[0..1]	UTCDateOnly	Required if NoLegComplexEventDates(2250) > 0.
LegComplexEventEndDate	[0..1]	UTCDateOnly	Required if NoLegComplexEventDates(2250) > 0.
LegComplexEventTimes	[0..*]	Group	

Used in groups: [LegComplexEvents](#)

### **170.2.1388 LegComplexEventDateUnadjusted**

The unadjusted complex event date.

Type: [LocalMktDate](#)

Used in components: [LegComplexEventRelativeDate](#)

### **170.2.1389 LegComplexEventDeterminationMethod**

Specifies the method according to which an amount or a date is determined.

See <http://www.fpml.org/coding-scheme/determination-method> for values.

Type: [String](#)

Used in groups: [LegComplexEvents](#)

### **170.2.1390 LegComplexEventEndDate**

The end date of the date range on which a complex event is effective. The start date will be set equal to the end date for single day events such as Bermuda options.

The end date must always be greater than or equal to start date.

Type: [UTCDateOnly](#)

Used in groups: [LegComplexEventDates](#)

### **170.2.1391 LegComplexEventEndTime**

The end time of the time range on which a complex event date is effective.



The end time must always be greater than or equal to the start time.

Type: **UTCTimeOnly**

Used in groups: **LegComplexEventTimes**

#### **170.2.1392 LegComplexEventFixedFXRate**

Specifies the fixed FX rate alternative for FX Quanto options.

Type: **float**

Used in groups: **LegComplexEvents**

#### **170.2.1393 LegComplexEventFixingTime**

The local market fixing time.

Type: **LocalMktTime**

Used in components: **LegComplexEventRelativeDate**

#### **170.2.1394 LegComplexEventFixingTimeBusinessCenter**

The business center for determining the actual fixing times.

See <http://www.fpml.org/coding-scheme/business-center> for standard 4-character code values.

Type: **String**

Used in components: **LegComplexEventRelativeDate**

#### **170.2.1395 LegComplexEventForwardPoints**

FX forward points added to spot rate. May be a negative value.

Type: **PriceOffset**

Used in groups: **LegComplexEvents**

**170.2.1396 LegComplexEventFuturesPriceValuation**

Indicates whether the official settlement price as announced by the related exchange is applicable, in accordance with the ISDA 2002 definitions. Applicable only to futures contracts.

Type: **Boolean**

Used in groups: **LegComplexEvents**

**170.2.1397 LegComplexEventOptionsPriceValuation**

Indicates whether the official settlement price as announced by the related exchange is applicable, in accordance with the ISDA 2002 definitions. Applicable only to options contracts.

Type: **Boolean**

Used in groups: **LegComplexEvents**

**170.2.1398 LegComplexEventPeriodDate**

Averaging date for an Asian option.

Trigger date for a Barrier or Knock option.

Type: **LocalMktDate**

Used in groups: **LegComplexEventPeriodDateGrp**

**170.2.1399 LegComplexEventPeriodDateGrp**

LegComplexEventPeriodDateGrp is a subcomponent of LegComplexEventPeriodGrp for specifying fixed period dates and times for an Asian or Strike Schedule option or trigger dates for a Barrier or Knock option.

---

<b>Name</b>	<b>Mult.</b>	<b>Type</b>	<b>Description</b>
<b>NoLegComplexEventPeriodDateTimes</b>	[1..1]	NumInGroup	
<b>LegComplexEventPeriodDate</b>	[0..1]	LocalMktDate	Required if NoLegComplexEventPeriodDateTimes(41376) > 0.
<b>LegComplexEventPeriodTime</b>	[0..1]	LocalMktTime	

---

Used in groups: **LegComplexEventPeriodGrp**

**170.2.1400 LegComplexEventPeriodGrp**

LegComplexEventPeriodGrp is a subcomponent of LegComplexEvents for specifying the periods for an Asian, Barrier, Knock or Strike Schedule option feature.

Name	Mult.	Type	Description
NoLegComplexEventPeriods	[1..1]	NumInGroup	
LegComplexEventPeriodType	[0..1]	CodeSet	Required if NoLegComplexEventPeriods(41379) > 0.
LegComplexEventBusinessCenter	[0..1]	String	
LegComplexEventScheduleGrp	[0..*]	Group	
LegComplexEventPeriodDateGrp	[0..*]	Group	
LegComplexEventAveragingObservationGrp	[0..*]	Group	

Used in groups: [LegComplexEvents](#)

**170.2.1401 LegComplexEventPeriodTime**

Averaging time for an Asian option.

Type: [LocalMktTime](#)

Used in groups: [LegComplexEventPeriodDateGrp](#)

**170.2.1402 LegComplexEventPeriodType**

Specifies the period type.

Type: [int](#)

Allowed values in ComplexEventPeriodTypeCodeSet:

Code	Name	Description
0	AsianOut	Asian Out
1	AsianIn	Asian In
2	BarrierCap	Barrier Cap
3	BarrierFloor	Barrier Floor
4	KnockOut	Knock Out

Code	Name	Description
5	KnockIn	Knock In

Used in groups: [LegComplexEventPeriodGrp](#)

### 170.2.1403 LegComplexEventPrice

Specifies the price at which the complex event takes effect. Impact of the event price is determined by the LegComplexEventType(2219).

Type: [Price](#)

Used in groups: [LegComplexEvents](#)

### 170.2.1404 LegComplexEventPriceBoundaryMethod

Specifies the boundary condition to be used for the event price relative to the complex event price at the point the complex event outcome takes effect as determined by the LegComplexEventPriceTimeType(2231).

Type: [int](#)

Allowed values in ComplexEventPriceBoundaryMethodCodeSet:

Code	Name	Description
1	LessThanComplexEventPrice	Less than ComplexEventPrice(1486)
2	LessThanOrEqualToComplexEvent- Price	Less than or equal to ComplexEventPrice(1486)
3	EqualToComplexEventPrice	Equal to ComplexEventPrice(1486)
4	GreaterThanOrEqualToComplex- EventPrice	Greater than or equal to ComplexEventPrice(1486)
5	GreaterThanComplexEventPrice	Greater than ComplexEventPrice(1486)

Used in groups: [LegComplexEvents](#)

**170.2.1405 LegComplexEventPriceBoundaryPrecision**

Used in combination with LegComplexEventPriceBoundaryMethod(2229) to specify the percentage of the strike price in relation to the underlying price. The percentage is generally 100 or greater for puts and 100 or less for calls.

Type: **Percentage**

Used in groups: **LegComplexEvents**

**170.2.1406 LegComplexEventPricePercentage**

Specifies the price percentage at which the complex event takes effect. Impact of the event price is determined by the LegComplexEventType(2219).

Type: **Percentage**

Used in groups: **LegComplexEvents**

**170.2.1407 LegComplexEventPriceTimeType**

Specifies when the complex event outcome takes effect. The outcome of a complex event is a payout or barrier action as specified by the LegComplexEventType(2219).

Type: **int**

Allowed values in ComplexEventPriceTimeTypeCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
1	Expiration	Expiration
2	Immediate	Immediate (At Any Time)
3	SpecifiedDate	Specified Date/Time
4	Close	Close. Official closing time of the exchange on valuation date.
5	Open	Open. Official opening time of the exchange on valuation date.
6	OfficialSettlPrice	Official settlement price. Official settlement price determination time.
7	DerivativesClose	Derivatives close. Official closing time of the derivatives exchange.
8	AsSpecifiedMasterConfirmation	As specified in Master Confirmation

---

Used in groups: **LegComplexEvents**

**170.2.1408 LegComplexEventPVFinalPriceElectionFallback**

Specifies the fallback provisions for the hedging party in the determination of the final settlement price

Type: **int**

Allowed values in ComplexEventPVFinalPriceElectionFallbackCodeSet:

Code	Name	Description
0	Close	Close. In respect of the "early final valuation date", the provisions for "future present value close" shall apply.
1	HedgeElection	Hedge election. In respect of the "early final valuation date", the provisions for "future present value hedge execution" shall apply.

Used in groups: **LegComplexEvents**

**170.2.1409 LegComplexEventQuoteBasis**

For foreign exchange Quanto option feature.

Type: **int**

Allowed values in ComplexEventQuoteBasisCodeSet:

Code	Name	Description
0	Currency1PerCurrency2	Currency 1 per currency 2
1	Currency2PerCurrency1	Currency 2 per currency 1

Used in groups: **LegComplexEvents**

**170.2.1410 LegComplexEventRateSource**

Identifies the source of rate information.

For FX, the reference source to be used for the FX spot rate.

Type: **int**

Allowed values in RateSourceCodeSet:

Code	Name	Description
0	Bloomberg	Bloomberg
1	Reuters	Reuters
2	Telerate	Telerate
3	ISDARateOption	ISDA Settlement Rate Option. The source of the currency conversion as specified by the ISDA terms in Annex A to the 1998 FX and Currency Option Definitions. See <a href="http://www.fpml.org/coding-scheme/settlement-rate-option">http://www.fpml.org/coding-scheme/settlement-rate-option</a>
99	Other	Other

Used in groups: [LegComplexEventRateSourceGrp](#)

### 170.2.1411 LegComplexEventRateSourceGrp

LegComplexEventRateSourceGrp is a subcomponent of LegComplexEvents for specifying primary and secondary rate sources.

Name	Mult.	Type	Description
<a href="#">NoLegComplexEventRateSources</a>	[1..1]	NumInGroup	
<a href="#">LegComplexEventRateSource</a>	[0..1]	CodeSet	Required if <code>NoLegComplexEventRateSources(41382) &gt; 0</code> .
<a href="#">LegComplexEventRateSourceType</a>	[0..1]	CodeSet	Required if <code>NoLegComplexEventRateSources(41382) &gt; 0</code> .
<a href="#">LegComplexEventReferencePage</a>	[0..1]	String	Conditionally required when <code>LegComplexEventRateSource(41383) = 99 (Other)</code> .
<a href="#">LegComplexEventReferencePageHeading</a>	[0..1]	String	

Used in groups: [LegComplexEvents](#)

### 170.2.1412 LegComplexEventRateSourceType

Indicates whether the rate source specified is a primary or secondary source.

Type: `int`

Allowed values in RateSourceTypeCodeSet:

Code	Name	Description
0	Primary	Primary
1	Secondary	Secondary

Used in groups: [LegComplexEventRateSourceGrp](#)

### 170.2.1413 LegComplexEventReferencePage

Identifies the reference page from the rate source.

For FX, the reference page to the spot rate is to be used for the reference FX spot rate.

When `LegComplexEventRateSource(41383) = 3` (ISDA Settlement Rate Option) this contains the value from the scheme that reflects the terms of the Annex A to the ISDA 1998 FX and Currency Option Definitions. See: <http://www.fpml.org/coding-scheme/settlement-rate-option>.

Type: [String](#)

Used in groups: [LegComplexEventRateSourceGrp](#)

### 170.2.1414 LegComplexEventRelativeDate

`LegComplexEventRelativeDate` is a subcomponent of `LegComplexEvents` for specifying the event date and time for an FX or Calendar Spread option or the payout date for a Barrier or Knock option.

Name	Mult.	Type	Description
<a href="#">LegComplexEventDateUnadjusted</a>	[0..1]	LocalMktDate	
<a href="#">LegComplexEventDateRelativeTo</a>	[0..1]	int	
<a href="#">LegComplexEventDateOffsetPeriod</a>	[0..1]	int	Conditionally required when <code>LegComplexEventDateOffsetUnit(41392)</code> is specified.
<a href="#">LegComplexEventDateOffsetUnit</a>	[0..1]	CodeSet	Conditionally required when <code>LegComplexEventDateOffsetPeriod(41391)</code> is specified.
<a href="#">LegComplexEventDateOffsetDayType</a>	[0..1]	CodeSet	
<a href="#">LegComplexEventDateBusinessDay-Convention</a>	[0..1]	CodeSet	When specified, this overrides the business day convention defined in the <code>LegDateAdjustment</code> component in <code>InstrumentLeg</code> . The specified value would be specific to complex event dates.



Name	Mult.	Type	Description
<a href="#">LegComplexEventDateBusinessCenter-Grp</a>	[0..*]	Group	When specified, this overrides the business centers defined in the LegDateAdjustment component in InstrumentLeg. The specified values would be specific to complex event dates.
<a href="#">LegComplexEventDateAdjusted</a>	[0..1]	LocalMktDate	
<a href="#">LegComplexEventFixingTime</a>	[0..1]	LocalMktTime	
<a href="#">LegComplexEventFixingTimeBusiness-Center</a>	[0..1]	String	

Used in groups: [LegComplexEvents](#)

#### 170.2.1415 [LegComplexEventScheduleEndDate](#)

The end date of the schedule.

Type: [LocalMktDate](#)

Used in groups: [LegComplexEventScheduleGrp](#)

#### 170.2.1416 [LegComplexEventScheduleFrequencyPeriod](#)

Time unit multiplier for the schedule date frequency.

Type: [int](#)

Used in groups: [LegComplexEventScheduleGrp](#)

#### 170.2.1417 [LegComplexEventScheduleFrequencyUnit](#)

Time unit associated with the schedule date frequency.

Type: [String](#)

Allowed values in ProtectionTermEventUnitCodeSet:

Code	Name	Description
D	Day	Day
Wk	Week	Week
Mo	Month	Month

Code	Name	Description
Yr	Year	Year

Used in groups: [LegComplexEventScheduleGrp](#)

### 170.2.1418 LegComplexEventScheduleGrp

LegComplexEventScheduleGrp is a subcomponent of LegComplexEventPeriodGrp for specifying a periodic schedule for an Asian, Barrier or Strike Schedule option feature.

Name	Mult.	Type	Description
<a href="#">NoLegComplexEventSchedules</a>	[1..1]	NumInGroup	
<a href="#">LegComplexEventScheduleStartDate</a>	[0..1]	LocalMktDate	Required if NoLegComplexEventSchedules(41400) > 0.
<a href="#">LegComplexEventScheduleEndDate</a>	[0..1]	LocalMktDate	
<a href="#">LegComplexEventScheduleFrequencyPeriod</a>	[0..1]	int	Conditionally required when LegComplexEventScheduleFrequencyUnit(41404) is specified.
<a href="#">LegComplexEventScheduleFrequencyUnit</a>	[0..1]	CodeSet	Conditionally required when LegComplexEventScheduleFrequencyPeriod(41403) is specified.
<a href="#">LegComplexEventScheduleRollConvention</a>	[0..1]	CodeSet	When specified, this overrides the date roll convention defined in the LegDateAdjustment component in InstrumentLeg. The specified values would be specific to this instance of the option expiration dates and times.

Used in groups: [LegComplexEventPeriodGrp](#)

### 170.2.1419 LegComplexEventScheduleRollConvention

The convention for determining the sequence of dates. It is used in conjunction with a specified frequency. Used only to override the roll convention defined in the LegDateAdjustment component in InstrumentLeg.

Type: [String](#)

Allowed values in DateRollConventionCodeSet:

<b>Code</b>	<b>Name</b>	<b>Description</b>
1	FirstDay	1st day of the month
2	SecondDay	2nd day of the month
3	ThirdDay	3rd day of the month
4	FourthDay	4th day of the month
5	FifthDay	5th day of the month
6	SixthDay	6th day of the month
7	SeventhDay	7th day of the month
8	EighthDay	8th day of the month
9	NinthDay	9th day of the month
10	TenthDay	10th day of the month
11	EleventhDay	11th day of the month
12	TwelvthDay	12th day of the month
13	ThirteenthDay	13th day of the month
14	ForteenthDay	14th day of the month
15	FifteenthDay	15th day of the month
16	SixteenthDay	16th day of the month
17	SeventeenthDay	17th day of the month
18	EighteenthDay	18th day of the month
19	NineteenthDay	19th day of the month
20	TwentiethDay	20th day of the month
21	TwentyFirstDay	21st day of the month
22	TwentySecondDay	22nd day of the month
23	TwentyThirdDay	23rd day of the month
24	TwentyFourthDay	24th day of the month
25	TwentyFifthDay	25th day of the month
26	TwentySixthDay	26th day of the month
27	TwentySeventhDay	27th day of the month
28	TwentyEighthDay	28th day of the month
29	TwentyNinthDay	29th day of the month
30	ThirtiethDay	30th day of the month
EOM	EOM	The end of the month. Use EOM for 31st day of the month.
FRN	FRN	The floating rate note convention or Eurodollar convention.
IMM	IMM	The International Money Market settlement date, i.e. the 3rd Wednesday of the month.

Code	Name	Description
IMMCAD	IMMCAD	The last trading day/expiration day of the Canadian Derivatives Exchange.
IMMAUD	IMMAUD	The last trading day of the Sydney Futures Exchange Australian 90-day bank accepted bill futures contract.
IMMNZD	IMMNZD	The last trading day of the Sydney Futures Exchange New Zealand 90-day bank bill futures contract.
SFE	SFE	The Sydney Futures Exchange 90-day bank accepted bill futures settlement dates.
NONE	NONE	No adjustment
TBILL	TBILL	The 13-week and 26-week U.S. Treasury Bill auction dates.
MON	MON	Monday
TUE	TUE	Tuesday
WED	WED	Wednesday
THU	THU	Thursday
FRI	FRI	Friday
SAT	SAT	Saturday
SUN	SUN	Sunday

Used in groups: [LegComplexEventScheduleGrp](#)

#### 170.2.1420 LegComplexEventScheduleStartDate

The start date of the schedule.

Type: [LocalMktDate](#)

Used in groups: [LegComplexEventScheduleGrp](#)

#### 170.2.1421 LegComplexEvents

The LegComplexEvent Group is a repeating block which allows specifying an unlimited number and types of advanced events, such as observation and pricing over the lifetime of an option, futures, commodities or equity swap contract. Use LegEvtGrp to specify more straightforward events.

Name	Mult.	Type	Description
<a href="#">NoLegComplexEvents</a>	[1..1]	NumInGroup	

Name	Mult.	Type	Description
LegComplexEventType	[0..1]	CodeSet	Required if NoLegComplexEvents(2218) > 0.
LegComplexOptPayoutPaySide	[0..1]	CodeSet	
LegComplexOptPayoutReceiveSide	[0..1]	CodeSet	
LegComplexOptPayoutUnderlier	[0..1]	String	
LegComplexOptPayoutAmount	[0..1]	Amt	
LegComplexOptPayoutPercentage	[0..1]	Percentage	
LegComplexOptPayoutTime	[0..1]	CodeSet	
LegComplexOptPayoutCurrency	[0..1]	Currency	
LegComplexOptPayoutCurrency-CodeSource	[0..1]	CodeSet	
LegComplexEventPrice	[0..1]	Price	
LegComplexEventPricePercentage	[0..1]	Percentage	
LegComplexEventPriceBoundaryMethod	[0..1]	CodeSet	
LegComplexEventPriceBoundaryPrecision	[0..1]	Percentage	
LegComplexEventPriceTimeType	[0..1]	CodeSet	
LegComplexEventCondition	[0..1]	CodeSet	Conditionally required when there are more than one LegComplexEvents occurrences. A chain of LegComplexEvents must be linked together through use of the LegComplexEventCondition(2232) in which the relationship between any two events is described. For any two LegComplexEvents the first occurrence will specify the LegComplexEventCondition(2232) which links it with the second event.
LegComplexEventDates	[0..*]	Group	
LegComplexEventCurrencyOne	[0..1]	Currency	
LegComplexEventCurrencyOneCodeSource	[0..1]	CodeSet	
LegComplexEventCurrencyTwo	[0..1]	Currency	
LegComplexEventCurrencyTwoCodeSource	[0..1]	CodeSet	
LegComplexEventQuoteBasis	[0..1]	CodeSet	
LegComplexEventFixedFXRate	[0..1]	float	
LegComplexEventSpotRate	[0..1]	Price	

Name	Mult.	Type	Description
LegComplexEventForwardPoints	[0..1]	PriceOffset	
LegComplexEventDetermination-Method	[0..1]	String	
LegComplexEventCalculationAgent	[0..1]	CodeSet	
LegComplexEventStrikePrice	[0..1]	Price	
LegComplexEventStrikeFactor	[0..1]	float	
LegComplexEventStrikeNumberOfOptions	[0..1]	int	
LegComplexEventRateSourceGrp	[0..*]	Group	
LegComplexEventRelativeDate	[0..1]	Component	
LegComplexEventPeriodGrp	[0..*]	Group	
LegComplexEventCreditEventsXIDRef	[0..1]	XIDREF	
LegComplexEventCreditEventNotifyingParty	[0..1]	CodeSet	
LegComplexEventCreditEventBusinessCenter	[0..1]	String	
LegComplexEventCreditEventStandardSources	[0..1]	Boolean	
LegComplexEventCreditEventMinimumSources	[0..1]	int	
LegComplexEventCreditEventSourceGrp	[0..*]	Group	
LegComplexEventCreditEventGrp	[0..*]	Group	
LegComplexEventFuturesPriceValuation	[0..1]	Boolean	
LegComplexEventOptionsPriceValuation	[0..1]	Boolean	
LegComplexEventPVFinalPriceElectionFallback	[0..1]	CodeSet	
LegComplexEventXID	[0..1]	XID	
LegComplexEventXIDRef	[0..1]	XIDREF	

Used in components: [InstrumentLeg](#)

#### **170.2.1422 LegComplexEventSpotRate**

FX spot rate.

Type: **Price**

Used in groups: **LegComplexEvents**

#### **170.2.1423 LegComplexEventStartDate**

The start date of the date range on which a complex event is effective. The start date will be set equal to the end date for single day events such as Bermuda options.

The start date must always be less than or equal to end date.

Type: **UTCDateOnly**

Used in groups: **LegComplexEventDates**

#### **170.2.1424 LegComplexEventStartTime**

The start time of the time range on which a complex event date is effective.

The start time must always be less than or equal to the end time.

Type: **UTCTimeOnly**

Used in groups: **LegComplexEventTimes**

#### **170.2.1425 LegComplexEventStrikeFactor**

Strike factor for Asian option feature. Upper strike percentage for a Strike Spread.

Type: **float**

Used in groups: **LegComplexEvents**

#### **170.2.1426 LegComplexEventStrikeNumberOfOptions**

Upper string number of options for a Strike Spread.

Type: **int**

Used in groups: **LegComplexEvents**

**170.2.1427 LegComplexEventStrikePrice**

Upper strike price for Asian option feature. Strike percentage for a Strike Spread.

Type: **Price**

Used in groups: **LegComplexEvents**

**170.2.1428 LegComplexEventTimes**

The LegComplexEventTimes is a repeating subcomponent of the LegComplexEventDates component. It is used to further qualify any dates placed on the event and is used to specify time ranges for which a complex event is effective. It is always provided within the context of start and end dates. The time range is assumed to be in effect for the entirety of the date or date range specified.

Name	Mult.	Type	Description
<b>NoLegComplexEventTimes</b>	[1..1]	NumInGroup	
<b>LegComplexEventStartTime</b>	[0..1]	UTCTimeOnly	Required if NoLegComplexEventTimes(2253) > 0.
<b>LegComplexEventEndTime</b>	[0..1]	UTCTimeOnly	Required if NoLegComplexEventTimes(2253) > 0.

Used in groups: **LegComplexEventDates**

**170.2.1429 LegComplexEventType**

Identifies the type of complex event.

Type: **int**

Allowed values in ComplexEventTypeCodeSet:

Code	Name	Description
1	Capped	Capped
2	Trigger	Trigger
3	KnockInUp	Knock-in up
4	KnockInDown	Knock-in down
5	KnockOutUp	Knock-out up
6	KnockOutDown	Knock-out down
7	Underlying	Underlying



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Code	Name	Description
8	ResetBarrier	Reset Barrier
9	RollingBarrier	Rolling Barrier
10	OneTouch	One-touch
11	NoTouch	No-touch
12	DbOneTouch	Double one-touch
13	DbNoTouch	Double no-touch
14	FXComposite	Foreign exchange composite
15	FXQuanto	Foreign exchange Quanto
16	FXCrssCcy	Foreign exchange cross currency
17	StrkSpread	Strike spread
18	ClndrSpread	Calendar spread
19	PxObsvtn	Price observation (Asian or Lookback)
20	PassThrough	Pass-through
21	StrkSched	Strike schedule
22	EquityValuation	Equity valuation
23	DividendValuation	Dividend valuation

---

Used in groups: [LegComplexEvents](#)

#### **170.2.1430 LegComplexEventXID**

Identifier of this complex event for cross referencing elsewhere in the message.

Type: [XID](#)

Used in groups: [LegComplexEvents](#)

#### **170.2.1431 LegComplexEventXIDRef**

Reference to a complex event elsewhere in the message.

Type: [XIDREF](#)

Used in groups: [LegComplexEvents](#)

**170.2.1432 LegComplexOptPayoutAmount**

Cash amount indicating the pay out associated with an event. For binary options this is a fixed amount.

Type: **Amt**

Used in groups: **LegComplexEvents**

**170.2.1433 LegComplexOptPayoutCurrency**

Specifies the currency of the payout amount.

LegComplexOptPayoutCurrencyCodeSource(2944) may be used to disambiguate the code source scheme used, and ISO 4217 is the default scheme if absent.

Type: **Currency**

Used in groups: **LegComplexEvents**

**170.2.1434 LegComplexOptPayoutCurrencyCodeSource**

Identifies class or source of the LegComplexOptPayoutCurrency(2226) value.

Type: **String**

Allowed values in CurrencyCodeSourceCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
1	CUSIP	CUSIP
2	SEDOL	SEDOL
4	ISINNumber	ISIN
6	ISOCurrencyCode	ISO Currency Code (ISO 4217)
S	FinancialInstrumentGlobalIdentifier	Financial Instrument Global Identifier. An Object Management Group (OMG) standard. Also referred to as FIGI. Formerly known as "Bloomberg Open Symbology BBGID".
Y	DigitalTokenIdentifier	Digital Token Identifier (ISO 24165)

---

Used in groups: **LegComplexEvents**

**170.2.1435 LegComplexOptPayoutPaySide**

Trade side of payout payer.

Type: **int**

Allowed values in PaymentPaySideCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
1	Buy	Buy
2	Sell	Sell

---

Used in groups: **LegComplexEvents**

**170.2.1436 LegComplexOptPayoutPercentage**

Percentage of observed price for calculating the payout associated with the event.

Type: **Percentage**

Used in groups: **LegComplexEvents**

**170.2.1437 LegComplexOptPayoutReceiveSide**

Trade side of payout receiver.

Type: **int**

Allowed values in PaymentPaySideCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
1	Buy	Buy
2	Sell	Sell

---

Used in groups: **LegComplexEvents**

**170.2.1438 LegComplexOptPayoutTime**

Specifies when the payout is to occur.

Type: **int**

Allowed values in ComplexOptPayoutTimeCodeSet:

Code	Name	Description
0	Close	Close
1	Open	Open
2	OfficialSettl	Official settlement
3	ValuationTime	Valuation time
4	ExcahgneSettlTime	Exchange settlement time
5	DerivativesClose	Derivatives close
6	AsSpecified	As specified in master confirmation

Used in groups: **LegComplexEvents**

**170.2.1439 LegComplexOptPayoutUnderlier**

Reference to the underlier whose payments are being passed through.

Type: **String**

Used in groups: **LegComplexEvents**

**170.2.1440 LegContractMultiplier**

Multileg instrument's individual security's ContractMultiplier.

See ContractMultiplier (23) field for description

Type: **float**

Used in components: **InstrumentLeg**

**170.2.1441 LegContractMultiplierUnit**

Indicates the type of multiplier being applied to the contract. Can be optionally used to further define what unit LegContractMultiplier(614) is expressed in.

Type: **int**

Allowed values in ContractMultiplierUnitCodeSet:

---

Code	Name	Description
0	Shares	Shares
1	Hours	Hours
2	Days	Days

---

Used in components: **InstrumentLeg**

#### **170.2.1442 LegContractPriceRefMonth**

Reference month if there is no applicable LegMaturityMonthYear(610) value for the contract or security.

Type: **MonthYear**

Used in components: **InstrumentLeg**

#### **170.2.1443 LegContractSettlMonth**

Specifies when the contract (i.e. MBS/TBA) will settle.

Type: **MonthYear**

Used in components: **InstrumentLeg**

#### **170.2.1444 LegContractualDefinition**

Specifies which contract definition, such as those published by ISDA, will apply for the terms of the trade. See <http://www.fpml.org/coding-scheme/contractual-definitions> for values.

Type: **String**

Used in groups: **LegFinancingContractualDefinitionsGrp**

**170.2.1445 LegContractualMatrixDate**

Specifies the publication date of the applicable version of the contract matrix. If not specified, the ISDA Standard Terms Supplement defines rules for which version of the matrix is applicable.

Type: **LocalMktDate**

Used in groups: **LegFinancingContractualMatrixGrp**

**170.2.1446 LegContractualMatrixSource**

Identifies the applicable contract matrix. See <http://www.fpml.org/coding-scheme/matrix-type-1-0.xml> for values.

Type: **String**

Used in groups: **LegFinancingContractualMatrixGrp**

**170.2.1447 LegContractualMatrixTerm**

Specifies the applicable key into the relevant contract matrix. In the case of 2000 ISDA Definitions Settlement Matrix for Early Termination and Swaptions, the LegContractualMatrixTerm(42206) is not applicable and is to be omitted. See <http://www.fpml.org/coding-scheme/credit-matrix-transaction-type> for values.

Type: **String**

Used in groups: **LegFinancingContractualMatrixGrp**

**170.2.1448 LegContraryInstructionEligibilityIndicator**

Identifies whether the option instrument is eligible for contrary instructions at the time of exercise. The contrariness of an instruction will be determined in the context of LegInTheMoneyCondition(2682). When not specified, the eligibility is undefined or not applicable.

Type: **Boolean**

Used in components: **InstrumentLeg**

**170.2.1449 LegConvertibleBondEquityID**

Identifies the equity in which a convertible bond can be converted to.

Type: **String**

Used in components: **InstrumentLeg**

### 170.2.1450 LegConvertibleBondEquityIDSource

Identifies class or source of the LegConvertibleBondEquitySecurityID(2166) value.

Type: **String**

Allowed values in SecurityIDSourceCodeSet:

Code	Name	Description
1	CUSIP	CUSIP
2	SEDOL	SEDOL
3	QUIK	QUIK
4	ISINNumber	ISIN
5	RICCode	RIC
6	ISOCurrencyCode	ISO Currency Code (ISO 4217)
7	ISOCountryCode	ISO Country Code
8	ExchangeSymbol	Exchange symbol
9	ConsolidatedTapeAssociation	Consolidated Tape Association (CTA) Symbol (SIAC CTS/CQS line format)
A	BloombergSymbol	Bloomberg Symbol
B	Wertpapier	Wertpapier
C	Dutch	Dutch
D	Valoren	Valoren
E	Sicovam	Sicovam
F	Belgian	Belgian
G	Common	"Common" (Clearstream and Euroclear)
H	ClearingHouse	Clearing house / Clearing organization
I	ISDAFpMLSpecification	ISDA/FpML product specification (XML in SecurityXML(1185))
J	OptionPriceReportingAuthority	Option Price Reporting Authority
K	ISDAFpMLURL	ISDA/FpML product URL (URL in SecurityID(48))
L	LetterOfCredit	Letter of credit
M	MarketplaceAssignedIdentifier	Marketplace-assigned Identifier
N	MarkitREDEntityCLIP	Markit RED entity CLIP
P	MarkitREDPairCLIP	Markit RED pair CLIP

Code	Name	Description
Q	CFTCCommodityCode	CFTC commodity code
R	ISDACommodityReferencePrice	ISDA Commodity Reference Price
S	FinancialInstrumentGlobalIdentifier	Financial Instrument Global Identifier. An Object Management Group (OMG) standard. Also referred to as FIGI. Formerly known as "Bloomberg Open Symbology BBGID".
T	LegalEntityIdentifier	Legal entity identifier
U	Synthetic	Synthetic. Used to specify that the security identifier is synthetic for linking nested underliers when there is no market identifier for the collection.
V	FidessaInstrumentMnemonic	Fidessa Instrument Mnemonic (FIM)
W	IndexName	Index name. Standard name of the index or rate index, e.g. "LIBOR" or "iTraxx Australia".
X	UniformSymbol	Uniform Symbol (UMTF Symbol)
Y	DigitalTokenIdentifier	Digital Token Identifier (ISO 24165)

---

Used in components: [InstrumentLeg](#)

#### **170.2.1451 LegCountryOfIssue**

Multileg instrument's individual leg security's CountryOfIssue.

See CountryOfIssue (470) field for description

Type: [Country](#)

Used in components: [InstrumentLeg](#)

#### **170.2.1452 LegCouponDayCount**

The day count convention used in interest calculations for a bond or an interest bearing security.

Type: [int](#)

Allowed values in CouponDayCountCodeSet:



Code	Name	Description
0	OneOne	1/1. If parties specify the Day Count Fraction to be 1/1 then in calculating the applicable amount, 1 is simply input into the calculation as the relevant Day Count Fraction. See also 2006 ISDA Definitions, Section 4.16. Day Count Fraction, paragraph (a).
1	ThirtyThreeSixtyUS	30/360 (30U/360 or Bond Basis). See also ISO 15022 MICO code 'A001'.
2	ThirtyThreeSixtySIA	30/360 (SIA). A variant of "30/360" - when Date1 and Date2 are both Feb. 28th or 29th convert them to 30th using the same logic in the conversion of 31st to 30th.
3	ThirtyThreeSixtyM	30/360M. Commonly used day count convention for US mortgage backed securities. Feb 28th (or 29th in a leap year) is always considered as a 30th for a start date. As a comparison, in the regular 30/360 day count as used by most US agency and corporate bonds, a start date of Feb 28th (or 29th in a leap year) is still considered as the 28th (or 29th) day of a month of 30 days.
4	ThirtyEThreeSixty	30E/360 (Eurobond Basis). See also ISO 15022 MICO code 'A007'.
5	ThirtyEThreeSixtyISDA	30E/360 (ISDA). Date adjustment rules are: (1) if Date1 is the last day of the month, then change Date1 to 30; (2) if Date2 is the last day of the month (unless Date2 is the maturity date and Date2 is in February), then change Date2 to 30. See also 2006 ISDA Definitions, Section 4.16. Day Count Fraction, paragraph (h).
6	ActThreeSixty	Act/360. See also ISO 15022 MICO code 'A004'.
7	ActThreeSixtyFiveFixed	Act/365 (FIXED). See also ISO 15022 MICO code 'A005'.
8	ActActAFB	Act/Act (AFB). See also ISO 15022 MICO code 'A010'.
9	ActActICMA	Act/Act (ICMA). See also ISO 15022 MICO code 'A006'.
10	ActActISMAUltimo	Act/Act (ICMA Ultimo). The Act/Act (ICMA Ultimo) differs from Act/Act (ICMA) method only that it assumes that regular coupons always fall on the last day of the month.
11	ActActISDA	Act/Act (ISDA). See also ISO 15022 MICO code 'A008'.
12	BusTwoFiftyTwo	BUS/252. Used for Brazilian Real swaps, which is based on business days instead of calendar days. The number of business days divided by 252.
13	ThirtyEPlusThreeSixty	30E+/360. Variation on 30E/360. Date adjustment rules: (1) If Date1 falls on the 31st, then change it to the 30th; (2) If Date2 falls on the 31st, then change it to 1 and increase Month2 by one, i.e. next month.
14	ActThreeSixtyFiveL	Act/365L. See also ISO 15022 MICO code 'A009'.

<b>Code</b>	<b>Name</b>	<b>Description</b>
15	NLThreeSixtyFive	NL365. See also ISO 15022 MICO code 'A014'.
16	NLThreeSixty	NL360. This is the same as Act/360, with the exception of leap days (29th February) which are ignored.
17	Act364	Act/364. The actual number of days between Date1 and Date2, divided by 364.
18	ThirtyThreeSixtyFive	30/365. Interest is calculated based on a 30-day month in a way similar to the 30/360 (basic rule) and a 365-day year. Accrued interest to a value date on the last day of a month shall be the same as to the 30th calendar day of the same month, except for February. This means that a 31 is assumed to be a 30 and the 28 February (or 29 February for a leap year) is assumed to be a 28 (or 29). See also ISO 15022 MICO code 'A002'.
19	ThirtyActual	30/Actual. Interest is calculated based on a 30-day month in a way similar to the 30/360 (basic rule) and the assumed number of days in a year in a way similar to the Actual/Actual (ICMA). Accrued interest to a value date on the last day of a month shall be the same as to the 30th calendar day of the same month, except for February. This means that a 31 is assumed to be a 30 and the 28 February (or 29 February for a leap year) is assumed to be a 28 (or 29). The assumed number of days in a year is computed as the actual number of days in the coupon period multiplied by the number of interest payments in the year. See also ISO 15022 MICO code 'A003'.
20	ThirtyThreeSixtyICMA	30/360 (ICMA or basis rule). Interest is calculated based on a 30-day month and a 360-day year. Accrued interest to a value date on the last day of a month shall be the same as to the 30th calendar day of the same month, except for February. This means that a 31 is assumed to be a 30 and the 28 February (or 29 February for a leap year) is assumed to be a 28 (or 29). It is the most commonly used 30/360 method for non-US straight and convertible bonds issued before 1 January 1999. See also ISO 15022 MICO code 'A011'.

Code	Name	Description
21	ThirtyETwoThreeSixty	30E2/360 (Eurobond basis model two). Interest is calculated based on a 30-day month and a 360-day year. Accrued interest to a value date on the last day of a month shall be the same as to the 30th calendar day of the same month, except for the last day of February whose day of the month value shall be adapted to the value of the first day of the interest period if the latter is higher and if the period is one of a regular schedule. This means that a 31 is assumed to be a 30 and the 28 February of a non-leap year is assumed to be equivalent to a 29 February when the first day of the interest period is a 29, or to a 30 February when the first day of the interest period is a 30 or a 31. The 29 February of a leap year is assumed to be equivalent to a 30 February when the first day of the interest period is a 30 or a 31. Similarly, if the coupon period starts on the last day of February, it is assumed to produce only one day of interest in February as if it was starting on a 30 February when the end of the period is a 30 or a 31, or two days of interest in February when the end of the period is a 29, or three days of interest in February when it is the 28 February of a non-leap year and the end of the period is before the 29. See also ISO 15022 MICO code 'A012'.
22	ThirtyEThreeThreeSixty	30E3/360 (Eurobond basis model three). Interest is calculated based on a 30-day month and a 360-day year. Accrued interest to a value date on the last day of a month shall be the same as to the 30th calendar day of the same month. This means that a 31 is assumed to be a 30 and the 28 February (or 29 February for a leap year) is assumed to be equivalent to a 30 February. It is a variation of the 30E/360 (or Eurobond basis) method where the last day of February is always assumed to be a 30, even if it is the last day of the maturity coupon period. See also ISO 15022 MICO code 'A013'.
99	Other	Other. For other day count method. See also ISO 15022 MICO code 'OTHR'.

Used in components: [InstrumentLeg](#)

### 170.2.1453 LegCouponFrequencyPeriod

Time unit multiplier for the frequency of the bond's coupon payment.

Type: [int](#)

Used in components: [InstrumentLeg](#)

**170.2.1454 LegCouponFrequencyUnit**

Time unit associated with the frequency of the bond's coupon payment.

Type: **String**

Allowed values in CouponFrequencyUnitCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
D	Day	Day
Wk	Week	Week
Mo	Month	Month
Yr	Year	Year
H	Hour	Hour
Min	Minute	Minute
S	Second	Second
T	Term	Term

---

Used in components: **InstrumentLeg**

**170.2.1455 LegCouponOtherDayCount**

The industry name of the day count convention not listed in LegCouponDayCount(2165).

Type: **String**

Used in components: **InstrumentLeg**

**170.2.1456 LegCouponPaymentDate**

Multileg instrument's individual leg security's CouponPaymentDate.

See CouponPaymentDate (224) field for description

(Note tag # was reserved in FIX 4.1, added in FIX 4.3)

(prior to FIX 4.4 field was of type UTCTDate)

Type: **LocalMktDate**

Used in components: **InstrumentLeg**

**170.2.1457 LegCouponRate**

Multileg instrument's individual security's CouponRate.

See CouponRate (223) field for description

Type: **Percentage**

Used in components: **InstrumentLeg**

**170.2.1458 LegCouponType**

Specifies the coupon type of the bond.

Type: **int**

Allowed values in CouponTypeCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	Zero	Zero
1	FixedRate	Fixed rate
2	FloatingRate	Floating rate
3	Structured	Structured

---

Used in components: **InstrumentLeg**

**170.2.1459 LegCoveredOrUncovered**

CoveredOrUncovered for leg of a multileg

See CoveredOrUncovered (203) field for description

Type: **int**

Allowed values in CoveredOrUncoveredCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	Covered	Covered
1	Uncovered	Uncovered

---

Used in groups: **InstrmtLegExecGrp**, **LegOrdGrp**, **SideCrossLegGrp**, **TrdInstrmtLegExecGrp**, **TrdInstrmt-LegGrp**

**170.2.1460 LegCPPProgram**

The program under which a commercial paper is issued.

Type: **int**

Allowed values in CPPProgramCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
1	Program3a3	3(a)(3). Arising out of a current transaction with a maturity less than 9 months.
2	Program42	4(2). Issued not involving any public offering.
3	Program3a2	3(a)(2). Issued or guaranteed by the US, state or territorial government.
4	Program3a3And3c7	3(a)(3) & 3(c)(7). Combination of 3(a)(3) and 3(c)(7).
5	Program3a4	3(a)(4). Religious, education, benevolent, fraternal, charitable or reformatory purposes.
6	Program3a5	3(a)(5). Issued by an institution supervised by state or federal authority or by an exempt farmer's cooperative.
7	Program3a7	3(a)(7). Issued by a receiver or trustee in bankruptcy.
8	Program3c7	3(c)(7). Qualified hedge-fund under the Investment Company Act of 1940.
99	Other	Other

---

Used in components: **InstrumentLeg**

**170.2.1461 LegCPRegType**

The registration type of a commercial paper issuance.

Type: **String**

Used in components: **InstrumentLeg**

**170.2.1462 LegCreditRating**

Multileg instrument's individual leg security's CreditRating.

See CreditRating (255) field for description

(Note tag # was reserved in FIX 4.1, added in FIX 4.3)

Type: **String**

Used in components: **InstrumentLeg**

#### **170.2.1463 LegCreditSupportAgreementDate**

The date of the ISDA Credit Support Agreement executed between the parties and intended to govern collateral arrangements for all OTC derivatives transactions between those parties.

Type: **LocalMktDate**

Used in components: **LegFinancingDetails**

#### **170.2.1464 LegCreditSupportAgreementDesc**

The type of ISDA Credit Support Agreement. See <http://www.fpml.org/coding-scheme/credit-support-agreement-type> for values.

Type: **String**

Used in components: **LegFinancingDetails**

#### **170.2.1465 LegCreditSupportAgreementID**

A common reference or unique identifier to identify the ISDA Credit Support Agreement executed between the parties.

Type: **String**

Used in components: **LegFinancingDetails**

#### **170.2.1466 LegCurrency**

Currency associated with a particular Leg's quantity

Type: **Currency**

Used in components: **InstrumentLeg**

**170.2.1467 LegCurrencyCodeSource**

Identifies class or source of the LegCurrency(556) value.

Type: **String**

Allowed values in CurrencyCodeSourceCodeSet:

Code	Name	Description
1	CUSIP	CUSIP
2	SEDOL	SEDOL
4	ISINNumber	ISIN
6	ISOCurrencyCode	ISO Currency Code (ISO 4217)
S	FinancialInstrumentGlobalIdentifier	Financial Instrument Global Identifier. An Object Management Group (OMG) standard. Also referred to as FIGI. Formerly known as "Bloomberg Open Symbology BBGID".
Y	DigitalTokenIdentifier	Digital Token Identifier (ISO 24165)

Used in components: **InstrumentLeg**

**170.2.1468 LegCurrencyRatio**

Specifies the currency ratio between the currency used for a multileg price and the currency used by the outright book defined by the leg. Example: Multileg quoted in EUR, outright leg in USD and 1 EUR = 0,7 USD then LegCurrencyRatio = 0.7

Type: **float**

Used in groups: **InstrmtLegExecGrp, LegOrdGrp, SideCrossLegGrp, TrdInstrmtLegGrp**

**170.2.1469 LegCurrentCostBasis**

The amount that the current shares are worth. If this lot was liquidated, the total gain/loss for a trade is equal to the trade amount minus the current cost basis.

Type: **Amt**

Used in groups: **LegPreAllocGrp**



**170.2.1470 LegCustodialLotID**

An opaque identifier used to communicate the custodian's identifier for the lot. It is expected that this information would be provided by the custodian as part of a reconciliation process that occurs before trading.

Type: **String**

Used in groups: **LegPreAllocGrp**

**170.2.1471 LegDateAdjustment**

LegDateAdjustment is a subcomponent within the InstrumentLeg component. It is used to specify date adjustment parameters and rules. The date adjustments specified here applies to all adjustable dates for the instrument leg, unless specifically overridden elsewhere in the respective specified components further within the InstrumentLeg component.

Name	Mult.	Type	Description
<b>LegBusinessDayConvention</b>	[0..1]	CodeSet	
<b>LegBusinessCenterGrp</b>	[0..*]	Group	
<b>LegDateRollConvention</b>	[0..1]	CodeSet	

Used in components: **InstrumentLeg**

**170.2.1472 LegDatedDate**

The effective date of a new securities issue determined by its underwriters. Often but not always the same as the Issue Date and the Interest Accrual Date

Type: **LocalMktDate**

Used in components: **InstrumentLeg**

**170.2.1473 LegDateRollConvention**

The convention for determining a sequence of dates. It is used in conjunction with a specified frequency. The value defined here applies to all adjustable dates in the instrument leg unless specifically overridden.

Type: **String**

## Allowed values in DateRollConventionCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
1	FirstDay	1st day of the month
2	SecondDay	2nd day of the month
3	ThirdDay	3rd day of the month
4	FourthDay	4th day of the month
5	FifthDay	5th day of the month
6	SixthDay	6th day of the month
7	SeventhDay	7th day of the month
8	EighthDay	8th day of the month
9	NinthDay	9th day of the month
10	TenthDay	10th day of the month
11	EleventhDay	11th day of the month
12	TwelvthDay	12th day of the month
13	ThirteenthDay	13th day of the month
14	ForteenthDay	14th day of the month
15	FifteenthDay	15th day of the month
16	SixteenthDay	16th day of the month
17	SeventeenthDay	17th day of the month
18	EighteenthDay	18th day of the month
19	NineteenthDay	19th day of the month
20	TwentiethDay	20th day of the month
21	TwentyFirstDay	21st day of the month
22	TwentySecondDay	22nd day of the month
23	TwentyThirdDay	23rd day of the month
24	TwentyFourthDay	24th day of the month
25	TwentyFifthDay	25th day of the month
26	TwentySixthDay	26th day of the month
27	TwentySeventhDay	27th day of the month
28	TwentyEigthDa28y	28th day of the month
29	TwentyNinthDay	29th day of the month
30	ThirtiethDay	30th day of the month
EOM	EOM	The end of the month. Use EOM for 31st day of the month.
FRN	FRN	The floating rate note convention or Eurodollar convention.

---

Code	Name	Description
IMM	IMM	The International Money Market settlement date, i.e. the 3rd Wednesday of the month.
IMMCAD	IMMCAD	The last trading day/expiration day of the Canadian Derivatives Exchange.
IMMAUD	IMMAUD	The last trading day of the Sydney Futures Exchange Australian 90-day bank accepted bill futures contract.
IMMNZD	IMMNZD	The last trading day of the Sydney Futures Exchange New Zealand 90-day bank bill futures contract.
SFE	SFE	The Sydney Futures Exchange 90-day bank accepted bill futures settlement dates.
NONE	NONE	No adjustment
TBILL	TBILL	The 13-week and 26-week U.S. Treasury Bill auction dates.
MON	MON	Monday
TUE	TUE	Tuesday
WED	WED	Wednesday
THU	THU	Thursday
FRI	FRI	Friday
SAT	SAT	Saturday
SUN	SUN	Sunday

Used in components: [LegDateAdjustment](#)

#### **170.2.1474 LegDeliveryRouteOrCharter**

Specific delivery route or time charter average. Applicable to commodity freight contracts.

Type: [String](#)

Used in components: [InstrumentLeg](#)

#### **170.2.1475 LegDeliveryScheduleGrp**

The LegDeliveryScheduleGrp is a repeating subcomponent of the LegStream component used to detail step schedules associated with a delivery stream.

Name	Mult.	Type	Description
NoLegDeliverySchedules	[1..1]	NumInGroup	
LegDeliveryScheduleType	[0..1]	CodeSet	Required if NoLegDeliverySchedules(41408) > 0.
LegDeliveryScheduleXID	[0..1]	XID	
LegDeliveryScheduleNotional	[0..1]	Qty	
LegDeliveryScheduleNotionalUnitOfMeasure	[0..1]	CodeSet	
LegDeliveryScheduleNotionalCommodityFrequency	[0..1]	CodeSet	
LegDeliveryScheduleNegativeTolerance	[0..1]	float	
LegDeliverySchedulePositiveTolerance	[0..1]	float	
LegDeliveryScheduleToleranceUnitOfMeasure	[0..1]	CodeSet	
LegDeliveryScheduleToleranceType	[0..1]	CodeSet	Conditionally required when LegDeliveryScheduleNegativeTolerance(41414) or LegDeliverySchedulePositiveTolerance(41415) is specified.
LegDeliveryScheduleSettlCountry	[0..1]	Country	
LegDeliveryScheduleSettlTimeZone	[0..1]	String	
LegDeliveryScheduleSettlFlowType	[0..1]	CodeSet	
LegDeliveryScheduleSettlHolidaysProcessingInstruction	[0..1]	CodeSet	
LegDeliveryScheduleSettlDayGrp	[0..*]	Group	

Used in groups: [LegStreamGrp](#)

### 170.2.1476 LegDeliveryScheduleNegativeTolerance

Specifies the negative tolerance value. The value may be an absolute quantity or a percentage, as specified in LegDeliveryScheduleToleranceType(41417). Percentage value is to be expressed relative to "1.0" representing 100% (e.g. a value of "0.0575" represents 5.75%).

Type: **float**

Used in groups: [LegDeliveryScheduleGrp](#)

**170.2.1477 LegDeliveryScheduleNotional**

Physical delivery quantity.

Type: **Qty**

Used in groups: **LegDeliveryScheduleGrp**

**170.2.1478 LegDeliveryScheduleNotionalCommodityFrequency**

The frequency of notional delivery.

Type: **int**

Allowed values in StreamNotionalCommodityFrequencyCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	Term	Term
1	PerBusinessDay	Per business day
2	PerCalculationPeriod	Per calculation period
3	PerSettlPeriod	Per settlement period
4	PerCalendarDay	Per calendar day
5	PerHour	Per hour
6	PerMonth	Per month

---

Used in groups: **LegDeliveryScheduleGrp**

**170.2.1479 LegDeliveryScheduleNotionalUnitOfMeasure**

Specifies the delivery quantity unit of measure (UOM).

Type: **String**

Allowed values in UnitOfMeasureCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
Alw	Allowances	Allowances
Bcf	BillionCubicFeet	Billion cubic feet
Bbl	Barrels	Barrels. Equal to 42 US gallons
CBM	CubicMeters	Cubic Meters

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
BDFT	BoardFeet	Board feet. Equal to 144 cubic inches
GJ	Gigajoules	gigajoules
Bu	Bushels	Bushels
kHR	HeatRate	Heat rate. The number of BTUs required to produce one kilowatt hour of electricity, typically 3,412.14 BTUs per 1 kWh.
Ccy	Currency	Amount of currency
kWh	KilowattHours	Kilowatt hours
CDD	CoolingDegreeDay	Cooling degree day
MHR	MegaHeatRate	Mega heat rate. The number of million BTUs required to produce one megawatt hour of electricity, typically 3.41214 million BTUs per 1 MWh.
CER	CertifiedEmissionsReduction	Certified emissions reduction
MMBtu	OneMillionBTU	One Million BTU
CPD	CriticalPrecipDay	Critical precipitation day
MWh	MegawattHours	Megawatt hours
CRT	ClimateReserveTonnes	Climate reserve tonnes
thm	Therms	therms. Equal to 100,000 BTU
cwt	Hundredweight	Hundredweight(US). Equal to 100 lbs
tnCO2	TonsOfCarbonDioxide	Tons of carbon dioxide
day	Day	Days
dt	DryMetricTons	Dry metric tons
EnvAllwnc	EnvAllwncCert	Environmental allowance certificates
EnvCrd	EnvironmentalCredit	Environmental credit
EnvOfst	EnvironmentalOffset	Environmental Offset
g	Grams	Grams
Gal	Gallons	Gallons
GT	GrossTons	Gross tons. Also known as long tons or imperial tons, equal to 2240 lbs
HDD	HeatingDegreeDay	Heating degree day
IPNT	IndexPoint	Index point
kg	Kilograms	Kilograms
kL	Kiloliters	kiloliters
kW-a	KilowattYear	Kilowatt year (electrical capacity)
kW-d	KilowattDay	Kilowatt day (electrical capacity)
kW-h	KilowattHour	Kilowatt hour (electrical capacity)

<b>Code</b>	<b>Name</b>	<b>Description</b>
kW-M	KilowattMonth	Kilowatt month (electrical capacity)
kW-min	KilowattMinute	Kilowatt-Minute (electrical capacity)
L	Liters	liters
lbs	Pounds	pounds
MW-a	MegawattYear	Megawatt year (electrical capacity)
MW-d	MegawattDay	Megawatt day (electrical capacity)
MW-h	MegawattHour	Megawatt hour (electrical capacity)
MW-M	MegawattMonth	Megawatt month (electrical capacity)
MW-min	MegawattMinute	Megawatt minute (electrical capacity)
oz_tr	TroyOunces	Troy ounces
PRINC	PrincipalWithRelationToDebtInstrument	Principal with relation to debt instrument
t	MetricTons	Metric tons. Also known as Tonnes, equal to 1000 kg
tn	Tons	Tons (US). Equal to 2000 lbs
a	Are	Are
ac	Acre	Acre
cL	Centiliter	Centiliter
cM	Centimeter	Centimeter
DGE	DieselGallonEquivalent	Diesel gallon equivalent
ft	Foot	Foot
Gal_gb	GBGallon	GB Gallon
GGE	GasolineGallonEquivalent	Gasoline gallon equivalent
ha	Hectare	Hectare
in	Inch	Inch
kM	Kilometer	Kilometer
M	Meter	Meter
mi	Mile	Mile
mL	Milliliter	Milliliter
mM	Millimeter	Millimeter
oz	USOunce	US ounce
pc	Piece	Piece
pt	USPint	US Pint
pt_gb	GBPint	GB pint
qt	USQuart	US Quart

Code	Name	Description
qt_gb	GBQuart	GB Quart
SqcM	SquareCentimeter	Square centimeter
Sqft	SquareFoot	Square foot
Sqin	SquareInch	Square inch
SqkM	SquareKilometer	Square kilometer
SqM	SquareMeter	Square meter
Sqmi	SquareMile	Square mile
SqmM	SquareMillimeter	Square millimeter
Sqyd	SquareYard	Square yard
yd	Yard	Yard
MMbbl	MillionBarrels	Million Barrels
USD	USDollars	US Dollars

---

Used in groups: [LegDeliveryScheduleGrp](#)

#### **170.2.1480 LegDeliverySchedulePositiveTolerance**

Specifies the positive tolerance value. The value may be an absolute quantity or a percentage, as specified in [LegDeliveryScheduleToleranceType\(41417\)](#). Value may exceed agreed upon value. Percentage value is to be expressed relative to "1.0" representing 100% (e.g. a value of "0.0575" represents 5.75%).

Type: [float](#)

Used in groups: [LegDeliveryScheduleGrp](#)

#### **170.2.1481 LegDeliveryScheduleSettlCountry**

Specifies the country where delivery takes place. Uses ISO 3166 2-character country code.

Type: [Country](#)

Used in groups: [LegDeliveryScheduleGrp](#)

#### **170.2.1482 LegDeliveryScheduleSettlDay**

Specifies the day or group of days for delivery.



Type: **int**

Allowed values in DeliveryScheduleSettlDayCodeSet:

---

Code	Name	Description
1	Monday	Monday
2	Tuesday	Tuesday
3	Wednesday	Wednesday
4	Thursday	Thursday
5	Friday	Friday
6	Saturday	Saturday
7	Sunday	Sunday
8	AllWeekdays	All weekdays
9	AllDays	All days
10	AllWeekends	All weekends

---

Used in groups: [LegDeliveryScheduleSettlDayGrp](#)

### 170.2.1483 LegDeliveryScheduleSettlDayGrp

The LegDeliveryScheduleSettlDayGrp is a repeating subcomponent of the LegDeliveryScheduleGrp component used to detail commodity delivery days.

---

Name	Mult.	Type	Description
<a href="#">NoLegDeliveryScheduleSettlDays</a>	[1..1]	NumInGroup	
<a href="#">LegDeliveryScheduleSettlDay</a>	[0..1]	CodeSet	Required if NoLegDeliveryScheduleSettlDays(41422) > 0.
<a href="#">LegDeliveryScheduleSettlTotalHours</a>	[0..1]	int	
<a href="#">LegDeliveryScheduleSettlTimeGrp</a>	[0..*]	Group	

---

Used in groups: [LegDeliveryScheduleGrp](#)

### 170.2.1484 LegDeliveryScheduleSettlEnd

The scheduled end time for the delivery of the commodity where delivery occurs over specified times. The format of the time value is specified in LegDeliveryScheduleSettlTimeType(41428).

Type: **String**

Used in groups: **LegDeliveryScheduleSettlTimeGrp**

### **170.2.1485 LegDeliveryScheduleSettlFlowType**

Specifies the delivery flow type.

Type: **int**

Allowed values in DeliveryScheduleSettlFlowTypeCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	AllTimes	All times
1	OnPeak	On peak
2	OffPeak	Off peak
3	Base	Base
4	BlockHours	Block hours
5	Other	Other

---

Used in groups: **LegDeliveryScheduleGrp**

### **170.2.1486 LegDeliveryScheduleSettlHolidaysProcessingInstruction**

Indicates whether holidays are included in the settlement periods. Required for electricity contracts.

Type: **int**

Allowed values in DeliveryScheduleSettlHolidaysProcessingInstructionCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	DoNotIncludeHolidays	Do not include holidays
1	IncludeHolidays	Include holidays

---

Used in groups: **LegDeliveryScheduleGrp**

**170.2.1487 LegDeliveryScheduleSettlStart**

The scheduled start time for the delivery of the commodity where delivery occurs over specified times. The format of the time value is specified in LegDeliveryScheduleSettlTimeType(41428).

Type: **String**

Used in groups: **LegDeliveryScheduleSettlTimeGrp**

**170.2.1488 LegDeliveryScheduleSettlTimeGrp**

The LegDeliveryScheduleSettlTimeGrp is a repeating subcomponent of the LegDeliveryScheduleSettlDayGrp component used to detail commodity delivery time periods.

Name	Mult.	Type	Description
NoLegDeliveryScheduleSettlTimes	[1..1]	NumInGroup	
LegDeliveryScheduleSettlStart	[0..1]	String	Required if NoLegDeliveryScheduleSettlTimes(41425) > 0.
LegDeliveryScheduleSettlEnd	[0..1]	String	Required if NoLegDeliveryScheduleSettlTimes(41425) > 0.
LegDeliveryScheduleSettlTimeType	[0..1]	CodeSet	May be defaulted to market convention or bilaterally agreed if not specified.

Used in groups: **LegDeliveryScheduleSettlDayGrp**

**170.2.1489 LegDeliveryScheduleSettlTimeType**

Specifies the format of the delivery start and end time values.

Type: **int**

Allowed values in DeliveryScheduleSettlTimeTypeCodeSet:

Code	Name	Description
0	Hour	Hour of the day. Applicable for electricity contracts. Time value is expressed as an integer hour of the day (1-24). The delivery start/end hour is specified as the end of the included hour. For example, a start hour of "4" begins at 3 a.m.; an end hour of "20" ends at 8 p.m.; a start hour of "1" and end hour of "24" indicates midnight to midnight delivery.

Code	Name	Description
1	Timestamp	HH:MM time format. Applicable for gas contracts. Time value is expressed using a 24-hour time format. For example, a time value of "13:30" is 1:30 p.m.

Used in groups: [LegDeliveryScheduleSettlTimeGrp](#)

#### 170.2.1490 LegDeliveryScheduleSettlTimeZone

Delivery timezone specified as "prevailing" rather than "standard" or "daylight".

See [http://www.fixtradingcommunity.org/codelists#Prevailing\\_Timezones](http://www.fixtradingcommunity.org/codelists#Prevailing_Timezones) for code list of applicable prevailing timezones.

Type: [String](#)

Used in groups: [LegDeliveryScheduleGrp](#)

#### 170.2.1491 LegDeliveryScheduleSettlTotalHours

The sum of the total hours specified in the LegDeliveryScheduleSettlTimeGrp component.

Type: [int](#)

Used in groups: [LegDeliveryScheduleSettlDayGrp](#)

#### 170.2.1492 LegDeliveryScheduleToleranceType

Specifies the tolerance value type.

Type: [int](#)

Allowed values in DeliveryScheduleToleranceTypeCodeSet:

Code	Name	Description
0	Absolute	Absolute
1	Percentage	Percentage

Used in groups: [LegDeliveryScheduleGrp](#)

**170.2.1493 LegDeliveryScheduleToleranceUnitOfMeasure**

Specifies the tolerance value's unit of measure (UOM).

Type: **String**

Allowed values in UnitOfMeasureCodeSet:

<b>Code</b>	<b>Name</b>	<b>Description</b>
Alw	Allowances	Allowances
Bcf	BillionCubicFeet	Billion cubic feet
Bbl	Barrels	Barrels. Equal to 42 US gallons
CBM	CubicMeters	Cubic Meters
BDFT	BoardFeet	Board feet. Equal to 144 cubic inches
GJ	Gigajoules	gigajoules
Bu	Bushels	Bushels
kHR	HeatRate	Heat rate. The number of BTUs required to produce one kilowatt hour of electricity, typically 3,412.14 BTUs per 1 kWh.
Ccy	Currency	Amount of currency
kWh	KilowattHours	Kilowatt hours
CDD	CoolingDegreeDay	Cooling degree day
MHR	MegaHeatRate	Mega heat rate. The number of million BTUs required to produce one megawatt hour of electricity, typically 3.41214 million BTUs per 1 MWh.
CER	CertifiedEmissionsReduction	Certified emissions reduction
MMBtu	OneMillionBTU	One Million BTU
CPD	CriticalPrecipDay	Critical precipitation day
MWh	MegawattHours	Megawatt hours
CRT	ClimateReserveTonnes	Climate reserve tonnes
thm	Therms	therms. Equal to 100,000 BTU
cwt	Hundredweight	Hundredweight(US). Equal to 100 lbs
tnCO2	TonsOfCarbonDioxide	Tons of carbon dioxide
day	Day	Days
dt	DryMetricTons	Dry metric tons
EnvAllwnc	EnvAllwncCert	Environmental allowance certificates
EnvCrd	EnvironmentalCredit	Environmental credit
EnvOfst	EnvironmentalOffset	Environmental Offset
g	Grams	Grams

<b>Code</b>	<b>Name</b>	<b>Description</b>
Gal	Gallons	Gallons
GT	GrossTons	Gross tons. Also known as long tons or imperial tons, equal to 2240 lbs
HDD	HeatingDegreeDay	Heating degree day
IPNT	IndexPoint	Index point
kg	Kilograms	Kilograms
kL	Kiloliters	kiloliters
kW-a	KilowattYear	Kilowatt year (electrical capacity)
kW-d	KilowattDay	Kilowatt day (electrical capacity)
kW-h	KilowattHour	Kilowatt hour (electrical capacity)
kW-M	KilowattMonth	Kilowatt month (electrical capacity)
kW-min	KilowattMinute	Kilowatt-Minute (electrical capacity)
L	Liters	liters
lbs	Pounds	pounds
MW-a	MegawattYear	Megawatt year (electrical capacity)
MW-d	MegawattDay	Megawatt day (electrical capacity)
MW-h	MegawattHour	Megawatt hour (electrical capacity)
MW-M	MegawattMonth	Megawatt month (electrical capacity)
MW-min	MegawattMinute	Megawatt minute (electrical capacity)
oz_tr	TroyOunces	Troy ounces
PRINC	PrincipalWithRelationToDebtInstrument	Principal with relation to debt instrument
t	MetricTons	Metric tons. Also known as Tonnes, equal to 1000 kg
tn	Tons	Tons (US). Equal to 2000 lbs
a	Are	Are
ac	Acre	Acre
cL	Centiliter	Centiliter
cM	Centimeter	Centimeter
DGE	DieselGallonEquivalent	Diesel gallon equivalent
ft	Foot	Foot
Gal_gb	GBGallon	GB Gallon
GGE	GasolineGallonEquivalent	Gasonline gallon equivalent
ha	Hectare	Hectare
in	Inch	Inch
kM	Kilometer	Kilometer

<b>Code</b>	<b>Name</b>	<b>Description</b>
M	Meter	Meter
mi	Mile	Mile
mL	Milliliter	Milliliter
mM	Millimeter	Millimeter
oz	USOunce	US ounce
pc	Piece	Piece
pt	USPint	US Pint
pt_gb	GBPint	GB pint
qt	USQuart	US Quart
qt_gb	GBQuart	GB Quart
SqcM	SquareCentimeter	Square centimeter
Sqft	SquareFoot	Square foot
Sqin	SquareInch	Square inch
SqkM	SquareKilometer	Square kilometer
SqM	SquareMeter	Square meter
Sqmi	SquareMile	Square mile
SqmM	SquareMillimeter	Square millimeter
Sqyd	SquareYard	Square yard
yd	Yard	Yard
MMbbl	MillionBarrels	Million Barrels
USD	USDollars	US Dollars

---

Used in groups: [LegDeliveryScheduleGrp](#)

### **170.2.1494 LegDeliveryScheduleType**

Specifies the type of delivery schedule.

Type: **int**

Allowed values in DeliveryScheduleTypeCodeSet:

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	Notional	Notional
1	Delivery	Delivery

---

Code	Name	Description
2	PhysicalSettlPeriods	Physical settlement period

---

Used in groups: [LegDeliveryScheduleGrp](#)

#### 170.2.1495 LegDeliveryScheduleXID

Identifier for this instance of delivery schedule for cross referencing elsewhere in the message.

Type: [XID](#)

Used in groups: [LegDeliveryScheduleGrp](#)

#### 170.2.1496 LegDeliveryStreamCommoditySource

The SCoTA coal cargo origin, mining region, mine(s), mining complex(es), loadout(s) or river dock(s) or other point(s) of origin that seller and buyer agree are acceptable origins for the coal product. For international coal transactions, this is the origin of the coal product.

See <http://www.fpml.org/coding-scheme/commodity-coal-product-source> for values.

Type: [String](#)

Used in groups: [LegDeliveryStreamCommoditySourceGrp](#)

#### 170.2.1497 LegDeliveryStreamCommoditySourceGrp

The LegDeliveryStreamCommoditySourceGrp is a repeating subcomponent of the LegDeliveryStream component used to detail the origins or sources of the commodity.

Name	Mult.	Type	Description
<a href="#">NoLegDeliveryStreamCommoditySources</a>	[1..1]	NumInGroup	
<a href="#">LegDeliveryStreamCommoditySource</a>	[0..1]	String	Required if NoLegDeliveryStreamCommoditySources(41460) > 0.

---

Used in components: [LegDeliveryStream](#)



**170.2.1498 LegDeliveryStream**

The LegDeliveryStream component is a subcomponent of the LegStream used to detail the attributes of a physical delivery stream in a swap.

<b>Name</b>	<b>Mult.</b>	<b>Type</b>	<b>Description</b>
LegDeliveryStreamType	[0..1]	CodeSet	
LegDeliveryStreamCommoditySource-Grp	[0..*]	Group	
LegDeliveryStreamPipeline	[0..1]	String	
LegDeliveryStreamEntryPoint	[0..1]	String	
LegDeliveryStreamWithdrawalPoint	[0..1]	String	
LegDeliveryStreamDeliveryPoint	[0..1]	String	
LegDeliveryStreamDelivery-PointSource	[0..1]	CodeSet	
LegDeliveryStreamDeliveryPointDesc	[0..1]	String	
LegDeliveryStreamDeliveryRestriction	[0..1]	CodeSet	
LegDeliveryStreamDeliveryContingency	[0..1]	String	
LegDeliveryStreamDeliveryContingent-PartySide	[0..1]	CodeSet	
LegDeliveryStreamDeliverAtSourceIndicator	[0..1]	Boolean	
LegDeliveryStreamRiskApportionment	[0..1]	String	
LegDeliveryStreamRiskApportionmentSource	[0..1]	String	
LegDeliveryStreamCycleGrp	[0..*]	Group	
LegDeliveryStreamTitleTransferLocation	[0..1]	String	
LegDeliveryStreamTitleTransferCondition	[0..1]	CodeSet	
LegDeliveryStreamImporterOfRecord	[0..1]	String	
LegDeliveryStreamNegativeTolerance	[0..1]	float	
LegDeliveryStreamPositiveTolerance	[0..1]	float	
LegDeliveryStreamToleranceUnitOfMeasure	[0..1]	CodeSet	
LegDeliveryStreamToleranceType	[0..1]	CodeSet	

Name	Mult.	Type	Description
LegDeliveryStreamToleranceOption-Side	[0..1]	CodeSet	
LegDeliveryStreamTotalPositiveTolerance	[0..1]	Percentage	
LegDeliveryStreamTotalNegativeTolerance	[0..1]	Percentage	
LegDeliveryStreamNotionalConversionFactor	[0..1]	float	
LegDeliveryStreamTransportEquipment	[0..1]	String	
LegDeliveryStreamElectingPartySide	[0..1]	CodeSet	
LegDeliveryStreamRouteOrCharter	[0..1]	String	

Used in groups: [LegStreamGrp](#)

#### 170.2.1499 LegDeliveryStreamCycleDesc

The delivery cycles during which the oil product will be transported in the pipeline.

Type: [String](#)

Used in groups: [LegDeliveryStreamCycleGrp](#)

#### 170.2.1500 LegDeliveryStreamCycleGrp

The LegDeliveryStreamCycleGrp is a repeating subcomponent of the LegDeliveryStream component used to detail delivery cycles during which the oil product will be transported in the pipeline.

Name	Mult.	Type	Description
NoLegDeliveryStreamCycles	[1..1]	NumInGroup	
LegDeliveryStreamCycleDesc	[0..1]	String	Required if NoLegDeliveryStreamCycles(41456) > 0.
EncodedLegDeliveryStreamCycleDescLen	[0..1]	Length	Must be set if EncodedLegDeliveryStreamCycleDesc(41459) field is specified and must immediately precede it.

Name	Mult.	Type	Description
EncodedLegDeliveryStreamCycleDesc	[0..1]	data	Encoded (non-ASCII characters) representation of the LegDeliveryStreamCycleDesc(41457) field in the encoded format specified via the MessageEncoding(347) field.

Used in components: [LegDeliveryStream](#)

### 170.2.1501 LegDeliveryStreamDeliverAtSourceIndicator

When this element is specified and set to 'Y', delivery of the coal product is to be at its source.

Type: [Boolean](#)

Used in components: [LegDeliveryStream](#)

### 170.2.1502 LegDeliveryStreamDeliveryContingency

Specifies the electricity delivery contingency. See

<http://www.fpml.org/coding-scheme/electricity-transmission-contingency> for values.

Type: [String](#)

Used in components: [LegDeliveryStream](#)

### 170.2.1503 LegDeliveryStreamDeliveryContingentPartySide

The trade side value of the party responsible for electricity delivery contingency.

Type: [int](#)

Allowed values in DeliveryStreamElectingPartySideCodeSet:

Code	Name	Description
0	Buyer	Buyer
1	Seller	Seller

Used in components: [LegDeliveryStream](#)

**170.2.1504 LegDeliveryStreamDeliveryPoint**

The point at which the commodity product will be delivered and received. Value specified should follow market convention appropriate for the commodity product.

For bullion, see <http://www.fpml.org/coding-scheme/bullion-delivery-location> for values.

Type: **String**

Used in components: **LegDeliveryStream**

**170.2.1505 LegDeliveryStreamDeliveryPointDesc**

Description of the delivery point identified in LegDeliveryStreamDeliveryPoint(41433).

Type: **String**

Used in components: **LegDeliveryStream**

**170.2.1506 LegDeliveryStreamDeliveryPointSource**

Identifies the class or source of LegDeliveryStreamDeliveryPoint(41433).

Type: **int**

Allowed values in DeliveryStreamDeliveryPointSourceCodeSet:

Code	Name	Description
0	Proprietary	Proprietary
1	EIC	Energy Identification Code (EIC). Energy Identification Code specifies the location or connection point codes of energy delivery. See <a href="http://www.entsog.eu/eic-codes/eic-location-codes-v">http://www.entsog.eu/eic-codes/eic-location-codes-v</a> or <a href="http://www.eiccodes.eu">http://www.eiccodes.eu</a> for more information and allocated values to use in DeliveryStreamDeliveryPoint(41062).

Used in components: **LegDeliveryStream**

**170.2.1507 LegDeliveryStreamDeliveryRestriction**

Specifies under what conditions the buyer and seller should be excused of their delivery obligations.

Type: **int**

Allowed values in DeliveryStreamDeliveryRestrictionCodeSet:

---

Code	Name	Description
1	Firm	Firm. Never excused of delivery obligations.
2	NonFirm	Interruptable or non-firm. Excused when interrupted for any reason or for no reason without liability.
3	ForceMajeure	Force majeure. Excused when prevented by force majeure.
4	SystemFirm	System firm. Must be supplied from the owned or controlled generation of pre-existing purchased power assets of the system specified.
5	UnitFirm	Unit firm. Must be supplied from the generation asset specified.

---

Used in components: **LegDeliveryStream**

#### **170.2.1508 LegDeliveryStreamElectingPartySide**

A reference to the party able to choose whether the gas is delivered for a particular period e.g. a swing or interruptible contract.

Type: **int**

Allowed values in DeliveryStreamElectingPartySideCodeSet:

---

Code	Name	Description
0	Buyer	Buyer
1	Seller	Seller

---

Used in components: **LegDeliveryStream**

#### **170.2.1509 LegDeliveryStreamEntryPoint**

The point at which the commodity will enter the delivery mechanism or pipeline.

Type: **String**

Used in components: **LegDeliveryStream**

**170.2.1510 LegDeliveryStreamImporterOfRecord**

A party, not necessarily of the trade, who is the Importer of Record for the purposes of paying customs duties and applicable taxes or costs related to importation.

Type: **String**

Used in components: **LegDeliveryStream**

**170.2.1511 LegDeliveryStreamNegativeTolerance**

Specifies the negative tolerance value. The value may be an absolute quantity or a percentage, as specified in LegDeliveryStreamToleranceType(41445). Percentage value is to be expressed relative to "1.0" representing 100% (e.g. a value of "0.0575" represents 5.75%).

Type: **float**

Used in components: **LegDeliveryStream**

**170.2.1512 LegDeliveryStreamNotionalConversionFactor**

If the notional quantity is specified in a unit that does not match the unit in which the commodity reference price is quoted, the scaling or conversion factor used to convert the commodity reference price unit into the notional quantity unit should be stated here. If there is no conversion, this field is not intended to be used.

Type: **float**

Used in components: **LegDeliveryStream**

**170.2.1513 LegDeliveryStreamPipeline**

The name of the oil delivery pipeline.

Type: **String**

Used in components: **LegDeliveryStream**

**170.2.1514 LegDeliveryStreamPositiveTolerance**

Specifies the positive tolerance value. The value may be an absolute quantity or a percentage, as specified in LegDeliveryStreamToleranceType(41445). Value may exceed agreed upon value. Percent-

age value is to be expressed relative to "1.0" representing 100% (e.g. a value of "0.0575" represents 5.75%).

Type: **float**

Used in components: **LegDeliveryStream**

#### **170.2.1515 LegDeliveryStreamRiskApportionment**

Specifies how the parties to the trade apportion responsibility for the delivery of the commodity product.

See [http://www.fixtradingcommunity.org/codelists#Risk\\_Apportionment](http://www.fixtradingcommunity.org/codelists#Risk_Apportionment) for the details of the external code list.

Type: **String**

Used in components: **LegDeliveryStream**

#### **170.2.1516 LegDeliveryStreamRiskApportionmentSource**

Specifies the source or legal framework for the risk apportionment.

See [http://www.fixtradingcommunity.org/codelists#Risk\\_Apportionment\\_Source](http://www.fixtradingcommunity.org/codelists#Risk_Apportionment_Source) for the details of the external code list.

Type: **String**

Used in components: **LegDeliveryStream**

#### **170.2.1517 LegDeliveryStreamRouteOrCharter**

Specific delivery route or time charter average. Applicable to commodity freight swaps.

Type: **String**

Used in components: **LegDeliveryStream**

#### **170.2.1518 LegDeliveryStreamTitleTransferCondition**

Specifies the condition of title transfer.

Type: **int**

Allowed values in DeliveryStreamTitleTransferConditionCodeSet:

---

Code	Name	Description
0	Transfers	Transfers with risk of loss
1	DoesNotTransfer	Does not transfer with risk of loss

---

Used in components: [LegDeliveryStream](#)

### 170.2.1519 LegDeliveryStreamTitleTransferLocation

Specifies the title transfer location.

Type: [String](#)

Used in components: [LegDeliveryStream](#)

### 170.2.1520 LegDeliveryStreamToleranceOptionSide

Indicates whether the tolerance is at the seller's or buyer's option.

Type: [int](#)

Allowed values in DeliveryStreamToleranceOptionSideCodeSet:

---

Code	Name	Description
1	Buyer	Buyer
2	Seller	Seller

---

Used in components: [LegDeliveryStream](#)

### 170.2.1521 LegDeliveryStreamToleranceType

Specifies the tolerance value type.

Type: [int](#)

Allowed values in DeliveryScheduleToleranceTypeCodeSet:

---

Code	Name	Description
0	Absolute	Absolute

---



Code	Name	Description
1	Percentage	Percentage

Used in components: [LegDeliveryStream](#)

### 170.2.1522 LegDeliveryStreamToleranceUnitOfMeasure

Specifies the tolerance value's unit of measure (UOM).

Type: [String](#)

Allowed values in UnitOfMeasureCodeSet:

Code	Name	Description
Alw	Allowances	Allowances
Bcf	BillionCubicFeet	Billion cubic feet
Bbl	Barrels	Barrels. Equal to 42 US gallons
CBM	CubicMeters	Cubic Meters
BDFT	BoardFeet	Board feet. Equal to 144 cubic inches
GJ	Gigajoules	gigajoules
Bu	Bushels	Bushels
kHR	HeatRate	Heat rate. The number of BTUs required to produce one kilowatt hour of electricity, typically 3,412.14 BTUs per 1 kWh.
Ccy	Currency	Amount of currency
kWh	KilowattHours	Kilowatt hours
CDD	CoolingDegreeDay	Cooling degree day
MHR	MegaHeatRate	Mega heat rate. The number of million BTUs required to produce one megawatt hour of electricity, typically 3.41214 million BTUs per 1 MWh.
CER	CertifiedEmissionsReduction	Certified emissions reduction
MMBtu	OneMillionBTU	One Million BTU
CPD	CriticalPrecipDay	Critical precipitation day
MWh	MegawattHours	Megawatt hours
CRT	ClimateReserveTonnes	Climate reserve tonnes
thm	Therms	therms. Equal to 100,000 BTU
cwt	Hundredweight	Hundredweight(US). Equal to 100 lbs
tnCO2	TonsOfCarbonDioxide	Tons of carbon dioxide

<b>Code</b>	<b>Name</b>	<b>Description</b>
day	Day	Days
dt	DryMetricTons	Dry metric tons
EnvAllwnc	EnvAllwncCert	Environmental allowance certificates
EnvCrd	EnvironmentalCredit	Environmental credit
EnvOfst	EnvironmentalOffset	Environmental Offset
g	Grams	Grams
Gal	Gallons	Gallons
GT	GrossTons	Gross tons. Also known as long tons or imperial tons, equal to 2240 lbs
HDD	HeatingDegreeDay	Heating degree day
IPNT	IndexPoint	Index point
kg	Kilograms	Kilograms
kL	Kiloliters	kiloliters
kW-a	KilowattYear	Kilowatt year (electrical capacity)
kW-d	KilowattDay	Kilowatt day (electrical capacity)
kW-h	KilowattHour	Kilowatt hour (electrical capacity)
kW-M	KilowattMonth	Kilowatt month (electrical capacity)
kW-min	KilowattMinute	Kilowatt-Minute (electrical capacity)
L	Liters	liters
lbs	Pounds	pounds
MW-a	MegawattYear	Megawatt year (electrical capacity)
MW-d	MegawattDay	Megawatt day (electrical capacity)
MW-h	MegawattHour	Megawatt hour (electrical capacity)
MW-M	MegawattMonth	Megawatt month (electrical capacity)
MW-min	MegawattMinute	Megawatt minute (electrical capacity)
oz_tr	TroyOunces	Troy ounces
PRINC	PrincipalWithRelationToDebtInstrument	Principal with relation to debt instrument
t	MetricTons	Metric tons. Also known as Tonnes, equal to 1000 kg
tn	Tons	Tons (US). Equal to 2000 lbs
a	Are	Are
ac	Acre	Acre
cL	Centiliter	Centiliter
cM	Centimeter	Centimeter
DGE	DieselGallonEquivalent	Diesel gallon equivalent

Code	Name	Description
ft	Foot	Foot
Gal_gb	GBGallon	GB Gallon
GGE	GasolineGallonEquivalent	Gasonline gallon equivalent
ha	Hectare	Hectare
in	Inch	Inch
kM	Kilometer	Kilometer
M	Meter	Meter
mi	Mile	Mile
mL	Milliliter	Milliliter
mM	Millimeter	Millimeter
oz	USOunce	US ounce
pc	Piece	Piece
pt	USPint	US Pint
pt_gb	GBPint	GB pint
qt	USQuart	US Quart
qt_gb	GBQuart	GB Quart
SqcM	SquareCentimeter	Square centimeter
Sqft	SquareFoot	Square foot
Sqin	SquareInch	Square inch
SqkM	SquareKilometer	Square kilometer
SqM	SquareMeter	Square meter
Sqmi	SquareMile	Square mile
SqmM	SquareMillimeter	Square millimeter
Sqyd	SquareYard	Square yard
yd	Yard	Yard
MMbbl	MillionBarrels	Million Barrels
USD	USDollars	US Dollars

Used in components: [LegDeliveryStream](#)

### 170.2.1523 LegDeliveryStreamTotalNegativeTolerance

The negative percent tolerance which applies to the total quantity delivered over all shipment periods.

Percentage value is to be expressed relative to "1.0" representing 100% (e.g. a value of "0.0575" represents 5.75%).

Type: **Percentage**

Used in components: **LegDeliveryStream**

#### **170.2.1524 LegDeliveryStreamTotalPositiveTolerance**

The positive percent tolerance which applies to the total quantity delivered over all shipment periods.

Percentage value is to be expressed relative to "1.0" representing 100% (e.g. a value of "0.0575" represents 5.75%).

Type: **Percentage**

Used in components: **LegDeliveryStream**

#### **170.2.1525 LegDeliveryStreamTransportEquipment**

The transportation equipment with which the commodity product will be delivered and received.

Type: **String**

Used in components: **LegDeliveryStream**

#### **170.2.1526 LegDeliveryStreamType**

Specifies the type of delivery stream.

Type: **int**

Allowed values in DeliveryStreamTypeCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	Periodic	Periodic (default if not specified)
1	Initial	Initial
2	Single	Single

---

Used in components: **LegDeliveryStream**

**170.2.1527 LegDeliveryStreamWithdrawalPoint**

The point at which the commodity product will be withdrawn prior to delivery.

Type: **String**

Used in components: **LegDeliveryStream**

**170.2.1528 LegDeliveryType**

Identifies type of settlement.

Type: **int**

Allowed values in DeliveryTypeCodeSet:

Code	Name	Description
0	VersusPayment	"Versus Payment": Deliver (if sell) or Receive (if buy) vs. (against) Payment
1	Free	"Free": Deliver (if sell) or Receive (if buy) Free
2	TriParty	Tri-Party
3	HoldInCustody	Hold In Custody
4	DeliverByValue	Deliver-by-Value. In the context of EU SFTR reporting, indicates that the transaction is to be or was settled using the DBV mechanism.

Used in components: **LegFinancingDetails**

**170.2.1529 LegDetachmentPoint**

Upper bound percentage of the loss the tranche can endure.

Type: **Percentage**

Used in components: **InstrumentLeg**

**170.2.1530 LegDifferentialPrice**

Used in pricing a group of individual Trade at Settlement (TAS) and Trade At Marker (TAM) contracts as an atomic unit. The value is the negotiated currency offset either at settlement (TAS) or at the time specified in the product definition (TAM). The final contract price is reported in LegLastPx(637).

Type: [PriceOffset](#)

Used in groups: [TrdInstrmtLegGrp](#)

### 170.2.1531 [LegDividendAccrualFixedRate](#)

The dividend accrual fixed rate per annum expressed as a decimal.

A value of 5% would be represented as "0.05".

Type: [Percentage](#)

Used in components: [LegDividendConditions](#)

### 170.2.1532 [LegDividendAccrualFloatingRate](#)

The [LegDividendAccrualFloatingRate](#) component is a subcomponent of [LegDividendConditions](#) used to define the dividend accrual floating rate attributes of dividend payment conditions.

Name	Mult.	Type	Description
<a href="#">LegDividendFloatingRateIndex</a>	[0..1]	String	
<a href="#">LegDividendFloatingRateIndex-CurvePeriod</a>	[0..1]	int	Conditionally required when <a href="#">LegDividendFloatingRateIndexCurveUnit(42314)</a> is specified.
<a href="#">LegDividendFloatingRateIndexCurveUnit</a>	[0..1]	CodeSet	Conditionally required when <a href="#">LegDividendFloatingRateIndexCurvePeriod(42313)</a> is specified.
<a href="#">LegDividendFloatingRateMultiplier</a>	[0..1]	float	
<a href="#">LegDividendFloatingRateSpread</a>	[0..1]	<a href="#">PriceOffset</a>	
<a href="#">LegDividendFloatingRateSpreadPositionType</a>	[0..1]	CodeSet	
<a href="#">LegDividendFloatingRateTreatment</a>	[0..1]	CodeSet	
<a href="#">LegDividendCapRate</a>	[0..1]	<a href="#">Percentage</a>	
<a href="#">LegDividendCapRateBuySide</a>	[0..1]	CodeSet	
<a href="#">LegDividendCapRateSellSide</a>	[0..1]	CodeSet	
<a href="#">LegDividendFloorRate</a>	[0..1]	<a href="#">Percentage</a>	
<a href="#">LegDividendFloorRateBuySide</a>	[0..1]	CodeSet	
<a href="#">LegDividendFloorRateSellSide</a>	[0..1]	CodeSet	
<a href="#">LegDividendInitialRate</a>	[0..1]	<a href="#">Percentage</a>	
<a href="#">LegDividendFinalRateRoundingDirection</a>	[0..1]	CodeSet	

Name	Mult.	Type	Description
LegDividendFinalRatePrecision	[0..1]	int	
LegDividendAveragingMethod	[0..1]	CodeSet	
LegDividendNegativeRateTreatment	[0..1]	CodeSet	

Used in components: [LegDividendConditions](#)

### 170.2.1533 LegDividendAccrualPaymentDateAdjusted

The adjusted accrual payment date.

Type: [LocalMktDate](#)

Used in components: [LegDividendAccrualPaymentDate](#)

### 170.2.1534 LegDividendAccrualPaymentDateBusinessCenter

The business center calendar used for date adjustment of the instrument's dividend accrual payment date, e.g. "GBLO".

See <http://www.fpml.org/coding-scheme/business-center> for standard 4-character code values.

Type: [String](#)

Used in groups: [LegDividendAccrualPaymentDateBusinessCenterGrp](#)

### 170.2.1535 LegDividendAccrualPaymentDateBusinessCenterGrp

LegDividendAccrualPaymentDateBusinessCenterGrp is a repeating subcomponent within the LegDividendAccrualPaymentDate component. It is used to specify the set of business centers whose calendars drive the date adjustment.

Name	Mult.	Type	Description
NoLegDividendAccrualPaymentDateBusinessCenters	[1..1]	NumInGroup	
LegDividendAccrualPaymentDateBusinessCenter	[0..1]	String	Required if NoLegDividendAccrualPaymentDateBusinessCenters(42310) > 0.

Used in components: [LegDividendAccrualPaymentDate](#)

**170.2.1536 LegDividendAccrualPaymentDateBusinessDayConvention**

Accrual payment date adjustment business day convention.

Type: **int**

Allowed values in BusinessDayConventionCodeSet:

Code	Name	Description
0	NotApplicable	Not applicable. Business day convention is not applicable.
1	None	None (current day)
2	FollowingDay	Following day. The following business day.
3	FloatingRateNote	Floating rate note. The FRN business day convention.
4	ModifiedFollowingDay	Modified following day. The modified following business day.
5	PrecedingDay	Preceding day. The preceding business day.
6	ModifiedPrecedingDay	Modified preceding day. The modified preceding business day.
7	NearestDay	Nearest day. The nearest applicable business day.

Used in components: **LegDividendAccrualPaymentDate**

**170.2.1537 LegDividendAccrualPaymentDate**

The LegDividendAccrualPaymentDate component is a subcomponent of LegDividendConditions used to report the dividend accrual payment date.

Name	Mult.	Type	Description
LegDividendAccrualPaymentDateRelativeTo	[0..1]	int	
LegDividendAccrualPaymentDateOffsetPeriod	[0..1]	int	Conditionally required when LegDividendAccrualPaymentDateOffsetUnit(42332) is specified.
LegDividendAccrualPaymentDateOffsetUnit	[0..1]	CodeSet	Conditionally required when LegDividendAccrualPaymentDateOffsetPeriod(42331) is specified.
LegDividendAccrualPaymentDateOffsetDayType	[0..1]	CodeSet	
LegDividendAccrualPaymentDateUnadjusted	[0..1]	LocalMktDate	



Name	Mult.	Type	Description
<a href="#">LegDividendAccrualPaymentDateBusinessDayConvention</a>	[0..1]	CodeSet	When specified, this overrides the business day convention defined in the LegDateAdjustment component in InstrumentLeg. The value would be specific to this instance of LegDividendAccrualPaymentDate.
<a href="#">LegDividendAccrualPaymentDateBusinessCenterGrp</a>	[0..*]	Group	When specified, this overrides the business centers defined in the LegDateAdjustment component in InstrumentLeg. The values would be specific to this instance of LegDividendAccrualPaymentDate.
<a href="#">LegDividendAccrualPaymentDateAdjusted</a>	[0..1]	LocalMktDate	

Used in components: [LegDividendConditions](#)

### 170.2.1538 LegDividendAccrualPaymentDateOffsetDayType

Specifies the day type of the relative accrual payment date offset.

Type: [int](#)

Allowed values in PaymentStreamPaymentDateOffsetDayTypeCodeSet:

Code	Name	Description
0	Business	Business
1	Calendar	Calendar
2	CommodityBusiness	Commodity business
3	CurrencyBusiness	Currency business
4	ExchangeBusiness	Exchange business
5	ScheduledTradingDay	Scheduled trading day

Used in components: [LegDividendAccrualPaymentDate](#)

### 170.2.1539 LegDividendAccrualPaymentDateOffsetPeriod

Time unit multiplier for the relative accrual payment date offset.

Type: [int](#)

Used in components: [LegDividendAccrualPaymentDate](#)

#### **170.2.1540 LegDividendAccrualPaymentDateOffsetUnit**

Time unit associated with the relative accrual payment date offset.

Type: [String](#)

Allowed values in PaymentStreamPaymentDateOffsetUnitCodeSet:

Code	Name	Description
D	Day	Day
Wk	Week	Week
Mo	Month	Month
Yr	Year	Year

Used in components: [LegDividendAccrualPaymentDate](#)

#### **170.2.1541 LegDividendAccrualPaymentDateRelativeTo**

Specifies the anchor date when the accrual payment date is relative to an anchor date.

See [http://www.fixtradingcommunity.org/codelists#Relative\\_To\\_Date](http://www.fixtradingcommunity.org/codelists#Relative_To_Date) for values.

Type: [int](#)

Used in components: [LegDividendAccrualPaymentDate](#)

#### **170.2.1542 LegDividendAccrualPaymentDateUnadjusted**

The unadjusted accrual payment date.

Type: [LocalMktDate](#)

Used in components: [LegDividendAccrualPaymentDate](#)

#### **170.2.1543 LegDividendAmountType**

Indicates how the gross cash dividend amount per share is determined.

Type: [int](#)

Allowed values in DividendAmountTypeCodeSet:

Code	Name	Description
0	RecordAmount	Record amount. 100% of the gross cash dividend per share paid over record date during relevant dividend period.
1	ExAmount	Ex amount. 100% of gross cash dividend per share paid after the ex-dividend date during relevant dividend period.
2	PaidAmount	Paid amount. 100% of gross cash dividend per share paid during relevant dividend period.
3	PerMasterConfirm	As specified in master confirmation. The amount is determined as provided in the relevant master confirmation.

Used in components: [LegDividendConditions](#)

#### **170.2.1544 LegDividendAveragingMethod**

When averaging is applicable, used to specify whether a weighted or unweighted average method of calculation is to be used.

Type: [int](#)

Allowed values in PaymentStreamAveragingMethodCodeSet:

Code	Name	Description
0	Unweighted	Unweighted
1	Weighted	Weighted

Used in components: [LegDividendAccrualFloatingRate](#)

#### **170.2.1545 LegDividendCapRate**

The cap rate, if any, which applies to the floating rate. It is only required where the floating rate is capped at a certain level. The cap rate is assumed to be exclusive of any spread and is a per annum rate, expressed as a decimal. A cap rate of 5% would be represented as "0.05".

Type: [Percentage](#)

Used in components: [LegDividendAccrualFloatingRate](#)

**170.2.1546 LegDividendCapRateBuySide**

Reference to the buyer of the cap rate option through its trade side.

Type: **int**

Allowed values in PaymentStreamCapRateBuySideCodeSet:

---

Code	Name	Description
1	Buyer	Buyer of the trade
2	Seller	Seller of the trade

---

Used in components: **LegDividendAccrualFloatingRate**

**170.2.1547 LegDividendCapRateSellSide**

Reference to the seller of the cap rate option through its trade side.

Type: **int**

Allowed values in PaymentStreamCapRateBuySideCodeSet:

---

Code	Name	Description
1	Buyer	Buyer of the trade
2	Seller	Seller of the trade

---

Used in components: **LegDividendAccrualFloatingRate**

**170.2.1548 LegDividendCashEquivalentPercentage**

Declared cash-equivalent dividend percentage.

A value of 5% would be represented as "0.05".

Type: **Percentage**

Used in components: **LegDividendConditions**

**170.2.1549 LegDividendCashPercentage**

Declared cash dividend percentage.

A value of 5% would be represented as "0.05".

Type: **Percentage**

Used in components: **LegDividendConditions**

**170.2.1550 LegDividendComposition**

Defines how the composition of dividends is to be determined.

Type: **int**

Allowed values in DividendCompositionCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	EquityAmountReceiver	Equity amount receiver election. The equity amount receiver determines the composition of dividends (subject to conditions).
1	CalculationAgent	Calculation agent election. The calculation agent determines the composition of dividends (subject to conditions).

---

Used in components: **LegDividendConditions**

**170.2.1551 LegDividendCompoundingMethod**

The compounding method to be used when more than one dividend period contributes to a single payment.

Type: **int**

Allowed values in PaymentStreamCompoundingMethodCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	None	None
1	Flat	Flat
2	Straight	Straight
3	SpreadExclusive	Spread exclusive

---

Used in components: [LegDividendConditions](#)

### 170.2.1552 LegDividendConditions

The LegDividendConditions component is a subcomponent of LegPaymentStream used to specify the conditions' valuations and dates governing the payment of dividends.

Name	Mult.	Type	Description
<a href="#">LegDividendReinvestmentIndicator</a>	[0..1]	Boolean	
<a href="#">LegDividendEntitlementEvent</a>	[0..1]	CodeSet	
<a href="#">LegDividendAmountType</a>	[0..1]	CodeSet	
<a href="#">LegDividendUnderlierRefID</a>	[0..1]	String	
<a href="#">LegDividendPeriodGrp</a>	[0..*]	Group	
<a href="#">LegExtraordinaryDividendPartySide</a>	[0..1]	CodeSet	
<a href="#">LegExtraordinaryDividendAmountType</a>	[0..1]	CodeSet	
<a href="#">LegExtraordinaryDividendCurrency</a>	[0..1]	Currency	
<a href="#">LegExtraordinaryDividendDeterminationMethod</a>	[0..1]	String	
<a href="#">LegDividendFXTriggerDate</a>	[0..1]	Component	
<a href="#">LegDividendAccrualFloatingRate</a>	[0..1]	Component	
<a href="#">LegDividendAccrualFixedRate</a>	[0..1]	Percentage	
<a href="#">LegDividendAccrualPaymentDate</a>	[0..1]	Component	
<a href="#">LegDividendCompoundingMethod</a>	[0..1]	CodeSet	
<a href="#">LegDividendNumOfIndexUnits</a>	[0..1]	int	
<a href="#">LegDividendCashPercentage</a>	[0..1]	Percentage	
<a href="#">LegDividendCashEquivalentPercentage</a>	[0..1]	Percentage	
<a href="#">LegNonCashDividendTreatment</a>	[0..1]	CodeSet	
<a href="#">LegDividendComposition</a>	[0..1]	CodeSet	
<a href="#">LegSpecialDividendsIndicator</a>	[0..1]	Boolean	
<a href="#">LegMaterialDividendsIndicator</a>	[0..1]	Boolean	
<a href="#">LegOptionsExchangeDividendsIndicator</a>	[0..1]	Boolean	
<a href="#">LegAdditionalDividendsIndicator</a>	[0..1]	Boolean	
<a href="#">LegAllDividendsIndicator</a>	[0..1]	Boolean	

Used in components: [LegPaymentStreamFloatingRate](#)

**170.2.1553 LegDividendEntitlementEvent**

Defines the contract event which the receiver of the derivative is entitled to the dividend.

Type: **int**

Allowed values in DividendEntitlementEventCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	ExDate	Ex-date. Dividend entitlement is on the dividend ex-date.
1	RecordDate	Record date. Dividend entitlement is on the dividend record date.

---

Used in components: [LegDividendConditions](#)

**170.2.1554 LegDividendFinalRatePrecision**

Specifies the rounding precision of the final rate in terms of a number of decimal places. Note how a percentage rate rounding of 5 decimal places is expressed as a rounding precision of 7.

Type: **int**

Used in components: [LegDividendAccrualFloatingRate](#)

**170.2.1555 LegDividendFinalRateRoundingDirection**

Specifies the rounding direction of the final rate.

Type: **char**

Allowed values in RoundingDirectionCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	RoundToNearest	Round to nearest
1	RoundDown	Round down
2	RoundUp	Round up

---

Used in components: [LegDividendAccrualFloatingRate](#)

**170.2.1556 LegDividendFloatingRateIndex**

The dividend accrual floating rate index.

Type: **String**

Used in components: **LegDividendAccrualFloatingRate**

**170.2.1557 LegDividendFloatingRateIndexCurvePeriod**

Time unit multiplier for the dividend accrual floating rate index curve.

Type: **int**

Used in components: **LegDividendAccrualFloatingRate**

**170.2.1558 LegDividendFloatingRateIndexCurveUnit**

Time unit associated with the dividend accrual floating rate index curve period.

Type: **String**

Allowed values in PaymentStreamRateIndexCurveUnitCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
D	Day	Day
Wk	Week	Week
Mo	Month	Month
Yr	Year	Year

---

Used in components: **LegDividendAccrualFloatingRate**

**170.2.1559 LegDividendFloatingRateMultiplier**

A rate multiplier to apply to the floating rate. The multiplier can be less than or greater than 1 (one). This should only be included if the multiplier is not equal to 1 (one) for the term of the contract.

Type: **float**

Used in components: **LegDividendAccrualFloatingRate**



**170.2.1560 LegDividendFloatingRateSpread**

The basis points spread from the index specified in LegDividendFloatingRateIndex(42312).

Type: **PriceOffset**

Used in components: **LegDividendAccrualFloatingRate**

**170.2.1561 LegDividendFloatingRateSpreadPositionType**

Identifies whether the rate spread is applied to a long or short position.

Type: **int**

Allowed values in PaymentStreamRateSpreadPositionTypeCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	Short	Short
1	Long	Long

---

Used in components: **LegDividendAccrualFloatingRate**

**170.2.1562 LegDividendFloatingRateTreatment**

Specifies the yield calculation treatment for the index.

Type: **int**

Allowed values in PaymentStreamRateTreatmentCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	BondEquivalentYield	Bond equivalent yield
1	MoneyMarketYield	Money market yield

---

Used in components: **LegDividendAccrualFloatingRate**

**170.2.1563 LegDividendFloorRate**

The floor rate, if any, which applies to the floating rate. The floor rate (strike) is only required where the floating rate is floored at a certain strike level. The floor rate is assumed to be exclusive of any spread and is a per annum rate. The rate is expressed as a decimal, e.g. 5% is represented as "0.05".

Type: **Percentage**

Used in components: **LegDividendAccrualFloatingRate**

**170.2.1564 LegDividendFloorRateBuySide**

Reference to the buyer of the floor rate option through its trade side.

Type: **int**

Allowed values in PaymentStreamFloorRateBuySideCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
1	Buyer	Buyer of the trade
2	Seller	Seller of the trade

---

Used in components: **LegDividendAccrualFloatingRate**

**170.2.1565 LegDividendFloorRateSellSide**

Reference to the seller of the floor rate option through its trade side.

Type: **int**

Allowed values in PaymentStreamFloorRateBuySideCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
1	Buyer	Buyer of the trade
2	Seller	Seller of the trade

---

Used in components: **LegDividendAccrualFloatingRate**

**170.2.1566 LegDividendFXTriggerDateAdjusted**

The adjusted FX trigger date.

Type: [LocalMktDate](#)

Used in components: [LegDividendFXTriggerDate](#)

**170.2.1567 LegDividendFXTriggerDateBusinessCenter**

The business center calendar used for date adjustment of the instrument's FX trigger date, e.g. "GBLO".

See <http://www.fpml.org/coding-scheme/business-center> for standard 4-character code values.

Type: [String](#)

Used in groups: [LegDividendFXTriggerDateBusinessCenterGrp](#)

**170.2.1568 LegDividendFXTriggerDateBusinessCenterGrp**

[LegDividendFXTriggerDateBusinessCenterGrp](#) is a repeating subcomponent within the [LegDividendFXTriggerDate](#) component. It is used to specify the set of business centers whose calendars drive the date adjustment.

Name	Mult.	Type	Description
<a href="#">NoLegDividendFXTriggerDateBusinessCenters</a>	[1..1]	NumInGroup	
<a href="#">LegDividendFXTriggerDateBusinessCenter</a>	[0..1]	String	Required if <a href="#">NoLegDividendFXTriggerDateBusinessCenters(42364)</a> > 0.

Used in components: [LegDividendFXTriggerDate](#)

**170.2.1569 LegDividendFXTriggerDateBusinessDayConvention**

The business day convention used for the FX trigger date adjustment.

Type: [int](#)

Allowed values in [BusinessDayConventionCodeSet](#):

Code	Name	Description
0	NotApplicable	Not applicable. Business day convention is not applicable.
1	None	None (current day)
2	FollowingDay	Following day. The following business day.
3	FloatingRateNote	Floating rate note. The FRN business day convention.
4	ModifiedFollowingDay	Modified following day. The modified following business day.
5	PrecedingDay	Preceding day. The preceding business day.
6	ModifiedPrecedingDay	Modified preceding day. The modified preceding business day.
7	NearestDay	Nearest day. The nearest applicable business day.

Used in components: [LegDividendFXTriggerDate](#)

### 170.2.1570 LegDividendFXTriggerDate

The LegDividendFXTriggerDate component is a subcomponent of LegDividendConditions used to report the dividend date when a foreign exchange trade is triggered.

Name	Mult.	Type	Description
<a href="#">LegDividendFXTriggerDateRelativeTo</a>	[0..1]	int	
<a href="#">LegDividendFXTriggerDateOffsetPeriod</a>	[0..1]	int	Conditionally required when <a href="#">LegDividendFXTriggerDateOffsetUnit(42359)</a> is specified.
<a href="#">LegDividendFXTriggerDateOffsetUnit</a>	[0..1]	CodeSet	Conditionally required when <a href="#">LegDividendFXTriggerDateOffsetPeriod(42358)</a> is specified.
<a href="#">LegDividendFXTriggerDateOffsetDay-Type</a>	[0..1]	CodeSet	
<a href="#">LegDividendFXTriggerDateUnadjusted</a>	[0..1]	LocalMktDate	
<a href="#">LegDividendFXTriggerDateBusiness-DayConvention</a>	[0..1]	CodeSet	When specified, this overrides the business day convention defined in the <a href="#">LegDateAdjustment</a> component in <a href="#">InstrumentLeg</a> . The value would be specific to this instance of <a href="#">LegDividendFXTriggerDate</a> .
<a href="#">LegDividendFXTriggerDateBusiness-CenterGrp</a>	[0..*]	Group	When specified, this overrides the business centers defined in the <a href="#">LegDateAdjustment</a> component in <a href="#">InstrumentLeg</a> . The values would be specific to this instance of <a href="#">LegDividendFXTriggerDate</a> .

---

Name	Mult.	Type	Description
LegDividendFXTriggerDateAdjusted	[0..1]	LocalMktDate	

---

Used in components: [LegDividendConditions](#)

### 170.2.1571 LegDividendFXTriggerDateOffsetDayType

Specifies the day type of the relative FX trigger date offset.

Type: [int](#)

Allowed values in PaymentStreamPaymentDateOffsetDayTypeCodeSet:

---

Code	Name	Description
0	Business	Business
1	Calendar	Calendar
2	CommodityBusiness	Commodity business
3	CurrencyBusiness	Currency business
4	ExchangeBusiness	Exchange business
5	ScheduledTradingDay	Scheduled trading day

---

Used in components: [LegDividendFXTriggerDate](#)

### 170.2.1572 LegDividendFXTriggerDateOffsetPeriod

Time unit multiplier for the relative FX trigger date offset.

Type: [int](#)

Used in components: [LegDividendFXTriggerDate](#)

### 170.2.1573 LegDividendFXTriggerDateOffsetUnit

Time unit associated with the relative FX trigger date offset.

Type: [String](#)

Allowed values in PaymentStreamPaymentDateOffsetUnitCodeSet:

Code	Name	Description
D	Day	Day
Wk	Week	Week
Mo	Month	Month
Yr	Year	Year

---

Used in components: [LegDividendFXTriggerDate](#)

#### **170.2.1574 LegDividendFXTriggerDateRelativeTo**

Specifies the anchor date when the FX trigger date is relative to an anchor date.

See [http://www.fixtradingcommunity.org/codelists#Relative\\_To\\_Date](http://www.fixtradingcommunity.org/codelists#Relative_To_Date) for values.

Type: [int](#)

Used in components: [LegDividendFXTriggerDate](#)

#### **170.2.1575 LegDividendFXTriggerDateUnadjusted**

The unadjusted FX trigger date.

Type: [LocalMktDate](#)

Used in components: [LegDividendFXTriggerDate](#)

#### **170.2.1576 LegDividendInitialRate**

The initial floating rate reset agreed between the principal parties involved in the trade. This is assumed to be the first required reset rate for the first regular calculation period. It should only be included when the rate is not equal to the rate published on the source implied by the floating rate index. The initial rate is expressed in decimal form, e.g. 5% is represented as "0.05".

Type: [Percentage](#)

Used in components: [LegDividendAccrualFloatingRate](#)

**170.2.1577 LegDividendNegativeRateTreatment**

The specification of any provisions for calculating payment obligations when a floating rate is negative (either due to a quoted negative floating rate or by operation of a spread that is subtracted from the floating rate).

Type: **int**

Allowed values in PaymentStreamNegativeRateTreatmentCodeSet:

Code	Name	Description
0	ZeroInterestRateMethod	Zero interest rate method
1	NegativeInterestRateMethod	Negative interest rate method

Used in components: **LegDividendAccrualFloatingRate**

**170.2.1578 LegDividendNumOfIndexUnits**

The number of index units applicable to dividends.

Type: **int**

Used in components: **LegDividendConditions**

**170.2.1579 LegDividendPeriodBusinessCenter**

The business center calendar used for date adjustment of the instrument's dividend period date, e.g. "GBLO".

See <http://www.fpml.org/coding-scheme/business-center> for standard 4-character code values.

Type: **String**

Used in groups: **LegDividendPeriodBusinessCenterGrp**

**170.2.1580 LegDividendPeriodBusinessCenterGrp**

LegDividendPeriodBusinessCenterGrp is a repeating subcomponent within the LegDividendPeriodGrp component. It is used to specify the set of business centers whose calendars drive the date adjustment.

Name	Mult.	Type	Description
NoLegDividendPeriodBusinessCenters	[1..1]	NumInGroup	
LegDividendPeriodBusinessCenter	[0..1]	String	Required if NoLegDividendPeriodBusinessCenters(42386) > 0.

Used in groups: [LegDividendPeriodGrp](#)

### 170.2.1581 LegDividendPeriodBusinessDayConvention

The dividend period dates business day convention.

Type: [int](#)

Allowed values in BusinessDayConventionCodeSet:

Code	Name	Description
0	NotApplicable	Not applicable. Business day convention is not applicable.
1	None	None (current day)
2	FollowingDay	Following day. The following business day.
3	FloatingRateNote	Floating rate note. The FRN business day convention.
4	ModifiedFollowingDay	Modified following day. The modified following business day.
5	PrecedingDay	Preceding day. The preceding business day.
6	ModifiedPrecedingDay	Modified preceding day. The modified preceding business day.
7	NearestDay	Nearest day. The nearest applicable business day.

Used in groups: [LegDividendPeriodGrp](#)

### 170.2.1582 LegDividendPeriodEndDateUnadjusted

The unadjusted date on which the dividend period will end.

Type: [LocalMktDate](#)

Used in groups: [LegDividendPeriodGrp](#)



**170.2.1583 LegDividendPeriodGrp**

LegDividendPeriodGrp is a repeating subcomponent within the LegDividendConditions component. It is used to specify the valuation and payments dates of the dividend leg of a dividend swap.

Name	Mult.	Type	Description
NoLegDividendPeriods	[1..1]	NumInGroup	
LegDividendPeriodSequence	[0..1]	int	Required if NoLegDividendPeriods(42366) > 0.
LegDividendPeriodStartDateUnadjusted	[0..1]	LocalMktDate	
LegDividendPeriodEndDateUnadjusted	[0..1]	LocalMktDate	
LegDividendPeriodUnderlierRefID	[0..1]	String	When specified, this overrides LegDividendUnderlierRefID(42340). The specified value would be specific to this dividend period instance.
LegDividendPeriodStrikePrice	[0..1]	Price	
LegDividendPeriodBusinessDayConvention	[0..1]	CodeSet	When specified, this overrides the business day convention defined in the LegDateAdjustment component in InstrumentLeg. The specified value would be specific to this dividend period instance.
LegDividendPeriodBusinessCenterGrp	[0..*]	Group	When specified, this overrides the business centers defined in the LegDateAdjustment component in InstrumentLeg. The specified values would be specific to this dividend period instance.
LegDividendPeriodValuationDateUnadjusted	[0..1]	LocalMktDate	
LegDividendPeriodValuationDateRelativeTo	[0..1]	int	
LegDividendPeriodValuationDateOffsetPeriod	[0..1]	int	Conditionally required when LegDividendPeriodValuationDateOffsetUnit(42376) is specified.
LegDividendPeriodValuationDateOffsetUnit	[0..1]	CodeSet	Conditionally required when LegDividendPeriodValuationDateOffsetPeriod(42375) is specified.
LegDividendPeriodValuationDateOffsetDayType	[0..1]	CodeSet	
LegDividendPeriodValuationDateAdjusted	[0..1]	LocalMktDate	
LegDividendPeriodPaymentDateUnadjusted	[0..1]	LocalMktDate	

Name	Mult.	Type	Description
LegDividendPeriodPaymentDateRelativeTo	[0..1]	int	
LegDividendPeriodPaymentDateOffsetPeriod	[0..1]	int	Conditionally required when LegDividendPeriodPaymentDateOffsetUnit(42382) is specified.
LegDividendPeriodPaymentDateOffsetUnit	[0..1]	CodeSet	Conditionally required when LegDividendPeriodPaymentDateOffsetPeriod(42381) is specified.
LegDividendPeriodPaymentDateOffsetDayType	[0..1]	CodeSet	
LegDividendPeriodPaymentDateAdjusted	[0..1]	LocalMktDate	
LegDividendPeriodXID	[0..1]	XID	

Used in components: [LegDividendConditions](#)

#### 170.2.1584 LegDividendPeriodPaymentDateAdjusted

The adjusted dividend period payment date.

Type: [LocalMktDate](#)

Used in groups: [LegDividendPeriodGrp](#)

#### 170.2.1585 LegDividendPeriodPaymentDateOffsetDayType

Specifies the day type of the relative dividend period payment date offset.

Type: [int](#)

Allowed values in PaymentStreamPaymentDateOffsetDayTypeCodeSet:

Code	Name	Description
0	Business	Business
1	Calendar	Calendar
2	CommodityBusiness	Commodity business
3	CurrencyBusiness	Currency business
4	ExchangeBusiness	Exchange business
5	ScheduledTradingDay	Scheduled trading day

Used in groups: [LegDividendPeriodGrp](#)

### **170.2.1586 LegDividendPeriodPaymentDateOffsetPeriod**

Time unit multiplier for the relative dividend period payment date offset.

Type: [int](#)

Used in groups: [LegDividendPeriodGrp](#)

### **170.2.1587 LegDividendPeriodPaymentDateOffsetUnit**

Time unit associated with the relative dividend period payment date offset.

Type: [String](#)

Allowed values in PaymentStreamPaymentDateOffsetUnitCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
D	Day	Day
Wk	Week	Week
Mo	Month	Month
Yr	Year	Year

---

Used in groups: [LegDividendPeriodGrp](#)

### **170.2.1588 LegDividendPeriodPaymentDateRelativeTo**

Specifies the anchor date when the dividend period payment date is relative to an anchor date.

See [http://www.fixtradingcommunity.org/codelists#Relative\\_To\\_Date](http://www.fixtradingcommunity.org/codelists#Relative_To_Date) for values.

Type: [int](#)

Used in groups: [LegDividendPeriodGrp](#)

### **170.2.1589 LegDividendPeriodPaymentDateUnadjusted**

The unadjusted dividend period payment date.

Type: [LocalMktDate](#)

Used in groups: [LegDividendPeriodGrp](#)

### **170.2.1590 LegDividendPeriodSequence**

Defines the ordinal dividend period. E.g. 1 = First period, 2 = Second period, etc.

Type: **int**

Used in groups: **LegDividendPeriodGrp**

### **170.2.1591 LegDividendPeriodStartDateUnadjusted**

The unadjusted date on which the dividend period will begin.

Type: **LocalMktDate**

Used in groups: **LegDividendPeriodGrp**

### **170.2.1592 LegDividendPeriodStrikePrice**

Specifies the fixed strike price of the dividend period.

Type: **Price**

Used in groups: **LegDividendPeriodGrp**

### **170.2.1593 LegDividendPeriodUnderlierRefID**

References the dividend underlier through the instrument's UnderlyingSecurityID(309) which must be fully specified in an instance of the UnderlyingInstrument component.

Type: **String**

Used in groups: **LegDividendPeriodGrp**

### **170.2.1594 LegDividendPeriodValuationDateAdjusted**

The adjusted dividend period valuation date.

Type: **LocalMktDate**

Used in groups: **LegDividendPeriodGrp**

**170.2.1595 LegDividendPeriodValuationDateOffsetDayType**

Specifies the day type of the relative dividend period valuation date offset.

Type: **int**

Allowed values in PaymentStreamPaymentDateOffsetDayTypeCodeSet:

---

Code	Name	Description
0	Business	Business
1	Calendar	Calendar
2	CommodityBusiness	Commodity business
3	CurrencyBusiness	Currency business
4	ExchangeBusiness	Exchange business
5	ScheduledTradingDay	Scheduled trading day

---

Used in groups: **LegDividendPeriodGrp**

**170.2.1596 LegDividendPeriodValuationDateOffsetPeriod**

Time unit multiplier for the relative dividend period valuation date offset.

Type: **int**

Used in groups: **LegDividendPeriodGrp**

**170.2.1597 LegDividendPeriodValuationDateOffsetUnit**

Time unit associated with the relative dividend period valuation date offset.

Type: **String**

Allowed values in PaymentStreamPaymentDateOffsetUnitCodeSet:

---

Code	Name	Description
D	Day	Day
Wk	Week	Week
Mo	Month	Month
Yr	Year	Year

---

Used in groups: **LegDividendPeriodGrp**

### **170.2.1598 LegDividendPeriodValuationDateRelativeTo**

Specifies the anchor date when the dividend period valuation date is relative to an anchor date.

See [http://www.fixtradingcommunity.org/codelists#Relative\\_To\\_Date](http://www.fixtradingcommunity.org/codelists#Relative_To_Date) for values.

Type: **int**

Used in groups: **LegDividendPeriodGrp**

### **170.2.1599 LegDividendPeriodValuationDateUnadjusted**

The unadjusted dividend period valuation date.

Type: **LocalMktDate**

Used in groups: **LegDividendPeriodGrp**

### **170.2.1600 LegDividendPeriodXID**

Identifier for linking this stream dividend period to an underlier through an instance of RelatedInstrumentGrp.

Type: **XID**

Used in groups: **LegDividendPeriodGrp**

### **170.2.1601 LegDividendReinvestmentIndicator**

Indicates whether the dividend will be reinvested.

Type: **Boolean**

Used in components: **LegDividendConditions**

### **170.2.1602 LegDividendUnderlierRefID**

References the dividend underlier through the instrument's UnderlyingSecurityID(309) which must be fully specified in an instance of the UnderlyingInstrument component.

Type: **String**

Used in components: **LegDividendConditions**

### **170.2.1603 LegDividendYield**

Refer to definition for DividendYield(1380).

Type: **Percentage**

Used in groups: **InstrmtLegExecGrp, LegOrdGrp, SideCrossLegGrp, TrdInstrmtLegGrp**

### **170.2.1604 LegDocumentationText**

A sentence or phrase pertinent to the trade, not a reference to an external document. E.g. "To be registered with the U.S. Environmental Protection Agency, Acid Rain Division, SO2 Allowance Tracking System".

Type: **String**

Used in components: **LegFinancingDetails**

### **170.2.1605 LegEndDate**

End date of a financing deal, i.e. the date the seller reimburses the buyer and takes back control of the collateral.

Type: **LocalMktDate**

Used in components: **LegFinancingDetails**

### **170.2.1606 LegEventDate**

The date of the event.

Type: **LocalMktDate**

Used in groups: **LegEvntGrp**

### **170.2.1607 LegEventMonthYear**

Used with derivatives when an event is express as a month-year with optional day or month or week of month.

Format:

YYYYMM (e.g. 199903)

YYYYMMDD (e.g. 20030323)

YYYYMMwN (e.g. 200303w2) for week

A specific date can be appended to the month-year. For instance, if multiple event types exist in the same Year and Month, but actually at a different time, a value can be appended, such as "w" or "w2" to indicate week. Likewise, the day of month (0-31) can be appended to indicate a specific event date.

Type: **MonthYear**

Used in groups: **LegEvntGrp**

#### **170.2.1608 LegEventPx**

Predetermined price of issue at event, if applicable.

Type: **Price**

Used in groups: **LegEvntGrp**

#### **170.2.1609 LegEventText**

Free form text to specify additional information or enumeration description when a standard value does not apply.

Type: **String**

Used in groups: **LegEvntGrp**

#### **170.2.1610 LegEventTime**

Specific time of event. To be used in combination with LegEventDate(2061).

Type: **UTCTimestamp**

Used in groups: **LegEvntGrp**

#### **170.2.1611 LegEventTimePeriod**

Time unit multiplier for the event.

Type: **int**

Used in groups: **LegEvntGrp**



**170.2.1612 LegEventTimeUnit**

Time unit associated with the event.

Type: **String**

Allowed values in EventTimeUnitCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
H	Hour	Hour
Min	Minute	Minute
S	Second	Second
D	Day	Day
Wk	Week	Week
Mo	Month	Month
Yr	Year	Year

---

Used in groups: **LegEvntGrp**

**170.2.1613 LegEventType**

Code to represent the type of event.

Type: **int**

Allowed values in EventTypeCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
1	Put	Put
2	Call	Call
3	Tender	Tender
4	SinkingFundCall	Sinking fund call
5	Activation	Activation
6	Inactivation	Inactivation
7	LastEligibleTradeDate	Last eligible trade date
8	SwapStartDate	Swap start date
9	SwapEndDate	Swap end date
10	SwapRollDate	Swap roll date

---

Code	Name	Description
11	SwapNextStartDate	Swap next start date
12	SwapNextRollDate	Swap next roll date
13	FirstDeliveryDate	First delivery date
14	LastDeliveryDate	Last delivery date
15	InitialInventoryDueDate	Initial inventory due date
16	FinalInventoryDueDate	Final inventory due date
17	FirstIntentDate	First intent date
18	LastIntentDate	Last intent date
19	PositionRemovalDate	Position removal date
20	MinimumNotice	Minimum notice
21	DeliveryStartTime	Delivery start time
22	DeliveryEndTime	Delivery end time
23	FirstNoticeDate	First notice date. The first day that a notice of intent to deliver a commodity can be made by a clearing house to a buyer in fulfillment of a given month's futures contract.
24	LastNoticeDate	Last notice date. The last day on which a clearing house may inform an investor that a seller intends to make delivery of a commodity that the investor previously bought in a futures contract. The date is governed by the rules of different exchanges and clearing houses, but may also be stated in the futures contract itself.
25	FirstExerciseDate	First exercise date
26	RedemptionDate	Redemption date
27	TrdCntntnEfctvDt	Trade continuation effective date
99	Other	Other

Used in groups: [LegEvntGrp](#)

### 170.2.1614 LegEvntGrp

The LegEvntGrp is a repeating subcomponent of the InstrumentLeg component used to specify straight-forward events associated with the instrument. Examples include put and call dates for bonds and options; first exercise date for options; inventory and delivery dates for commodities; start, end and roll dates for swaps. Use LegComplexEvents for more advanced dates such as option, futures, commodities and equity swap observation and pricing events.

Name	Mult.	Type	Description
NoLegEvents	[1..1]	NumInGroup	
LegEventType	[0..1]	CodeSet	Required if NoLegEvents(2059) > 0.
LegEventDate	[0..1]	LocalMktDate	Conditionally required when LegEventTime(2062) is specified.
LegEventTime	[0..1]	UTCTimestamp	
LegEventTimeUnit	[0..1]	CodeSet	Conditionally required when LegEventTimePeriod(2064) is specified.
LegEventTimePeriod	[0..1]	int	Conditionally required when LegEventTimeUnit(2063) is specified.
LegEventMonthYear	[0..1]	MonthYear	
LegEventPx	[0..1]	Price	
LegEventText	[0..1]	String	
EncodedLegEventTextLen	[0..1]	Length	Must be set if EncodedLegEventText(2075) field is specified and must immediately precede it.
EncodedLegEventText	[0..1]	data	Encoded (non-ASCII characters) representation of the LegEventText(2066) field in the encoded format specified via the MessageEncoding(347) field.

Used in components: [InstrumentLeg](#)

### 170.2.1615 LegExchangeLookAlike

For a share option trade, indicates whether the instrument is to be treated as an 'exchange look-alike'.

Type: [Boolean](#)

Used in components: [InstrumentLeg](#)

### 170.2.1616 LegExecID

The ExecID(17) value corresponding to a trade leg.

Type: [String](#)

Used in groups: [TrdInstrmtLegExecGrp](#)

**170.2.1617 LegExecInst**

Refer to ExecInst(18)

Same values as ExecInst(18)

Type: **MultipleCharValue**

Allowed values in ExecInstCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	StayOnOfferSide	Stay on offer side
1	NotHeld	Not held
2	Work	Work
3	GoAlong	Go along
4	OverTheDay	Over the day
5	Held	Held
6	ParticipateDoNotInitiate	Participate don't initiate
7	StrictScale	Strict scale
8	TryToScale	Try to scale
9	StayOnBidSide	Stay on bid side
A	NoCross	No cross. Cross is forbidden.
B	OKToCross	OK to cross
C	CallFirst	Call first
D	PercentOfVolume	Percent of volume. Indicates that the sender does not want to be all of the volume on the floor vs. a specific percentage.
E	DoNotIncrease	Do not increase - DNI
F	DoNotReduce	Do not reduce - DNR
G	AllOrNone	All or none - AON
H	ReinstateOnSystemFailure	Reinstate on system failure. Mutually exclusive with Q and l (lower case L).
I	InstitutionsOnly	Institutions only
J	ReinstateOnTradingHalt	Reinstate on trading halt. Mutually exclusive with K and m.
K	CancelOnTradingHalt	Cancel on trading halt. Mutually exclusive with J and m.
L	LastPeg	Last peg (last sale)
M	MidPricePeg	Mid-price peg (midprice of inside quote)
N	NonNegotiable	Non-negotiable
O	OpeningPeg	Opening peg
P	MarketPeg	Market peg

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
Q	CancelOnSystemFailure	Cancel on system failure. Mutually exclusive with H and l(lower case L).
R	PrimaryPeg	Primary peg. Primary market - buy at bid, sell at offer.
S	Suspend	Suspend
T	FixedPegToLocalBestBidOrOfferAt-TimeOfOrder	Fixed peg to local best bid or offer at time of order
U	CustomerDisplayInstruction	Customer display instruction. Used in US Markets for: SEC Rule 11Ac1-1/4.
V	Netting	Netting (for Forex)
W	PegToVWAP	Peg to VWAP
X	TradeAlong	Trade along
Y	TryToStop	Try to stop
Z	CancelIfNotBest	Cancel if not best
a	TrailingStopPeg	Trailing stop peg
b	StrictLimit	Strict limit. No price improvement.
c	IgnorePriceValidityChecks	Ignore price validity checks
d	PegToLimitPrice	Peg to limit price
e	WorkToTargetStrategy	Work to target strategy
f	IntermarketSweep	Intermarket sweep
g	ExternalRoutingAllowed	External routing allowed
h	ExternalRoutingNotAllowed	External routing not allowed
i	ImbalanceOnly	Imbalance only
j	SingleExecutionRequestedForBlock-Trade	Single execution requested for block trade
k	BestExecution	Best execution
l	SuspendOnSystemFailure	Suspend on system failure. Mutually exclusive with H and Q.
m	SuspendOnTradingHalt	Suspend on trading halt. Mutually exclusive with J and K.
n	ReinstateOnConnectionLoss	Reinstate on connection loss. Mutually exclusive with o and p.
o	CancelOnConnectionLoss	Cancel on connection loss. Mutually exclusive with n and p.
p	SuspendOnConnectionLoss	Suspend on connection loss. Mutually exclusive with n and o.
q	Release	Release. Mutually exclusive with S and w.
r	ExecuteAsDeltaNeutral	Execute as delta neutral using volatility provided
s	ExecuteAsDurationNeutral	Execute as duration neutral
t	ExecuteAsFXNeutral	Execute as FX neutral
u	MinGuaranteedFillEligible	Minimum guaranteed fill eligible

Code	Name	Description
v	BypassNonDisplayLiquidity	Bypass non-displayed liquidity
w	Lock	Lock. Mutually exclusive with q.
x	IgnoreNotionalValueChecks	Ignore notional value checks
y	TrdAtRefPx	Trade at reference price. In the context of Reg NMS and the Tick Size Pilot Program, this is intended to indicate the order should Trade At Intermarket Sweep Order (TAISO) price.
z	AllowFacilitation	Allow facilitation. Express explicit consent to receive facilitation services from the counterparty. Facilitation services are when an institutional client allows a broker to assume a risk-taking principal position rather than an agency position, to obtain liquidity or achieve a guaranteed execution price on the client's behalf. Interpretation of absence of this value needs to be bilaterally agreed, if applicable. In the context of Hong Kong's SFC, this can be used to comply with SFC regulations for disclosure of client facilitation.

Used in groups: [InstrmtLegExecGrp](#), [LegOrdGrp](#), [SideCrossLegGrp](#), [TrdInstrmtLegGrp](#)

#### 170.2.1618 LegExecRefID

Used to reference the value from LegExecID(1893).

Type: [String](#)

Used in groups: [TrdInstrmtLegExecGrp](#)

#### 170.2.1619 LegExerciseConfirmationMethod

Indicates whether follow-up confirmation of exercise (written or electronic) is required following telephonic notice by the buyer to the seller or seller's agent.

Type: [int](#)

Allowed values in ExerciseConfirmationMethodCodeSet:

Code	Name	Description
0	NotRequired	Not required
1	NonElectronic	Non-electronic
2	Electronic	Electronic

Code	Name	Description
3	Unknown	Unknown at time of report

Used in components: [LegOptionExercise](#)

### 170.2.1620 LegExerciseDesc

A description of the option exercise.

Type: [String](#)

Used in components: [LegOptionExercise](#)

### 170.2.1621 LegExerciseSplitTicketIndicator

Indicates in physical settlement of bond and convertible bond options whether the party required to deliver the bonds will divide those to be delivered as notifying party desires to facilitate delivery obligations.

Type: [Boolean](#)

Used in components: [LegOptionExercise](#)

### 170.2.1622 LegExerciseStyle

Type of exercise of a derivatives security

Type: [int](#)

Allowed values in ExerciseStyleCodeSet:

Code	Name	Description
0	European	European
1	American	American
2	Bermuda	Bermuda
99	Other	Other

Used in components: [InstrumentLeg](#)

**170.2.1623 LegExtraordinaryDividendAmountType**

Indicates how the extraordinary gross cash dividend per share is determined.

Type: **int**

Allowed values in DividendAmountTypeCodeSet:

Code	Name	Description
0	RecordAmount	Record amount. 100% of the gross cash dividend per share paid over record date during relevant dividend period.
1	ExAmount	Ex amount. 100% of gross cash dividend per share paid after the ex-dividend date during relevant dividend period.
2	PaidAmount	Paid amount. 100% of gross cash dividend per share paid during relevant dividend period.
3	PerMasterConfirm	As specified in master confirmation. The amount is determined as provided in the relevant master confirmation.

Used in components: **LegDividendConditions**

**170.2.1624 LegExtraordinaryDividendCurrency**

The currency in which the excess dividend is denominated. Uses ISO 4217 currency codes.

Type: **Currency**

Used in components: **LegDividendConditions**

**170.2.1625 LegExtraordinaryDividendDeterminationMethod**

Specifies the method in which the excess amount is determined.

See <http://www.fpml.org/coding-scheme/determination-method> for values.

Type: **String**

Used in components: **LegDividendConditions**

**170.2.1626 LegExtraordinaryDividendPartySide**

Reference to the party through its side in the trade who makes the determination whether dividends are extraordinary in relation to normal levels.



Type: **int**

Allowed values in PaymentStreamCapRateBuySideCodeSet:

---

Code	Name	Description
1	Buyer	Buyer of the trade
2	Seller	Seller of the trade

---

Used in components: [LegDividendConditions](#)

### 170.2.1627 LegExtraordinaryEventAdjustmentMethod

Defines how adjustments will be made to the contract should one or more of the extraordinary events occur.

Type: **int**

Allowed values in ExtraordinaryEventAdjustmentMethodCodeSet:

---

Code	Name	Description
0	CalculationAgent	Calculation agent. The Calculation Agent has the right to adjust the terms of the trade following a corporate action.
1	OptionsExchange	Options exchange. The trade will be adjusted in accordance with any adjustment made by the exchange on which options on the underlying are listed.

---

Used in components: [InstrumentLeg](#)

### 170.2.1628 LegExtraordinaryEventGrp

The LegExtraordinaryEventGrp is a repeating component within the InstrumentLeg component. It is used to report extraordinary and disruptive events applicable to the reference entity that affects the contract.

---

Name	Mult.	Type	Description
<a href="#">NoLegExtraordinaryEvents</a>	[1..1]	NumInGroup	
<a href="#">LegExtraordinaryEventType</a>	[0..1]	String	Required if NoLegExtraordinaryEvents(42388) > 0.

---

Name	Mult.	Type	Description
<a href="#">LegExtraordinaryEventValue</a>	[0..1]	String	Required if NoLegExtraordinaryEvents(42388) > 0.

Used in components: [InstrumentLeg](#)

### **170.2.1629 LegExtraordinaryEventType**

Identifies the type of extraordinary or disruptive event applicable to the reference entity.

See [http://www.fixtradingcommunity.org/codelists#Extraordinary\\_Event\\_Type](http://www.fixtradingcommunity.org/codelists#Extraordinary_Event_Type) for code list of extraordinary event types and values.

Type: [String](#)

Used in groups: [LegExtraordinaryEventGrp](#)

### **170.2.1630 LegExtraordinaryEventValue**

The extraordinary or disruptive event value appropriate to [LegExtraordinaryEventType\(42389\)](#).

See [http://www.fixtradingcommunity.org/codelists#Extraordinary\\_Event\\_Type](http://www.fixtradingcommunity.org/codelists#Extraordinary_Event_Type) for code list of extraordinary event types and values.

Type: [String](#)

Used in groups: [LegExtraordinaryEventGrp](#)

### **170.2.1631 LegFactor**

Multileg instrument's individual leg security's Factor.

See [Factor \(228\)](#) field for description

(Note tag # was reserved in FIX 4.1, added in FIX 4.3)

Type: [float](#)

Used in components: [InstrumentLeg](#)

**170.2.1632 LegFallbackExerciseIndicator**

Indicates whether the notional amount of the underlying swap, not previously exercised under the option, will be automatically exercised at the expiration time on the expiration date if at such time the buyer is in-the-money, provided that the difference between the settlement rate and the fixed rate under the relevant underlying swap is not less than one tenth of a percentage point (0.10% or 0.001).

Type: **Boolean**

Used in components: **LegOptionExercise**

**170.2.1633 LegFinancialInstrumentFullName**

The full normative name of the multileg's financial instrument.

Type: **String**

Used in components: **InstrumentLeg**

**170.2.1634 LegFinancialInstrumentShortName**

Short name of the financial instrument. Uses ISO 18774 (FISN) values.

Type: **String**

Used in components: **InstrumentLeg**

**170.2.1635 LegFinancingContractualDefinitionsGrp**

The LegFinancingContractualDefinitionGrp is a repeating component within the LegFinancingDetails component used to report the definitions published by ISDA that define the terms of a derivative trade.

<b>Name</b>	<b>Mult.</b>	<b>Type</b>	<b>Description</b>
<b>NoLegContractualDefinitions</b>	[1..1]	NumInGroup	
<b>LegContractualDefinition</b>	[0..1]	String	Required if NoLegContractualDefinitions(42198) > 0.

Used in components: **LegFinancingDetails**

**170.2.1636 LegFinancingContractualMatrixGrp**

The LegFinancingContractualMatrixGrp is a repeating component within the LegFinancingDetails component used to report the ISDA Physical Settlement Matrix Transaction Type.

Name	Mult.	Type	Description
NoLegContractualMatrices	[1..1]	NumInGroup	
LegContractualMatrixSource	[0..1]	String	Required if NoLegContractualMatrices(42203) > 0.
LegContractualMatrixDate	[0..1]	LocalMktDate	
LegContractualMatrixTerm	[0..1]	String	

Used in components: [LegFinancingDetails](#)

**170.2.1637 LegFinancingDetails**

Component block is optionally used for financial transactions where legal contracts, master agreements or master confirmations are to be referenced. This component identifies the legal agreement under which the deal was made and other unique characteristics of the transaction. For example, the LegAgreementDesc(2497) field refers to base standard documents such as MRA 1996 Repurchase Agreement, GMRA 2000 Bills Transaction (U.K.), MSLA 1993 Securities Loan - Amended 1998, for example.

Name	Mult.	Type	Description
LegAgreementDesc	[0..1]	String	
LegAgreementID	[0..1]	String	
LegAgreementVersion	[0..1]	String	
LegAgreementDate	[0..1]	LocalMktDate	
LegAgreementCurrency	[0..1]	Currency	
LegAgreementCurrencyCodeSource	[0..1]	CodeSet	
LegMasterConfirmationDesc	[0..1]	String	
LegMasterConfirmationDate	[0..1]	LocalMktDate	
LegMasterConfirmationAnnexDesc	[0..1]	String	
LegMasterConfirmationAnnexDate	[0..1]	LocalMktDate	
LegBrokerConfirmationDesc	[0..1]	String	
LegFinancingContractualDefinitions-Grp	[0..*]	Group	
LegFinancingTermSupplementGrp	[0..*]	Group	

Name	Mult.	Type	Description
LegFinancingContractualMatrixGrp	[0..*]	Group	
LegCreditSupportAgreementDesc	[0..1]	String	
LegCreditSupportAgreementDate	[0..1]	LocalMktDate	
LegCreditSupportAgreementID	[0..1]	String	
LegGoverningLaw	[0..1]	String	
LegDocumentationText	[0..1]	String	
EncodedLegDocumentationTextLen	[0..1]	Length	Must be set if EncodedLegDocumentationText(2493) field is specified and must immediately precede it.
EncodedLegDocumentationText	[0..1]	data	Encoded (non-ASCII characters) representation of the LegDocumentationText(2505) field in the encoded format specified via the MessageEncoding(347) field.
LegTerminationType	[0..1]	CodeSet	
LegStartDate	[0..1]	LocalMktDate	
LegEndDate	[0..1]	LocalMktDate	
LegDeliveryType	[0..1]	CodeSet	
LegMarginRatio	[0..1]	Percentage	

Used in groups: [InstrmtLegGrp](#), [TrdInstrmtLegGrp](#)

#### 170.2.1638 LegFinancingTermSupplementDate

Specifies the publication date of the applicable version of the contractual supplement.

Type: [LocalMktDate](#)

Used in groups: [LegFinancingTermSupplementGrp](#)

#### 170.2.1639 LegFinancingTermSupplementDesc

Identifies the applicable contractual supplement. See <http://www.fpml.org/coding-scheme/contractual-supplement> for values.

Type: [String](#)

Used in groups: [LegFinancingTermSupplementGrp](#)

**170.2.1640 LegFinancingTermSupplementGrp**

The LegFinancingTermSupplementGrp is a repeating component within the LegFinancingDetails component used to report contractual terms supplements of derivative trades.

---

Name	Mult.	Type	Description
NoLegFinancingTermSupplements	[1..1]	NumInGroup	
LegFinancingTermSupplementDesc	[0..1]	String	Required if NoLegFinancingTermSupplements(42200) > 0.
LegFinancingTermSupplementDate	[0..1]	LocalMktDate	

---

Used in components: [LegFinancingDetails](#)

**170.2.1641 LegFlexibleIndicator**

Used to indicate a derivatives security that can be defined using flexible terms. The terms commonly permitted to be defined by market participants are expiration date and strike price. FlexibleIndicator is an alternative to LegCFIcode(608) Standard/Non-standard attribute.

Type: [Boolean](#)

Used in components: [InstrumentLeg](#)

**170.2.1642 LegFlexProductEligibilityIndicator**

Used to indicate if a product or group of product supports the creation of flexible securities.

Type: [Boolean](#)

Used in components: [InstrumentLeg](#)

**170.2.1643 LegFloorPrice**

Used to express the floor price of a capped put.

Type: [Price](#)

Used in components: [InstrumentLeg](#)

**170.2.1644 LegFlowScheduleType**

The industry standard flow schedule by which electricity or natural gas is traded. Schedules exist by regions and on-peak and off-peak status, such as "Western Peak".

Type: **int**

Allowed values in FlowScheduleTypeCodeSet:

---

Code	Name	Description
0	NERCEasternOffPeak	NERC Eastern Off-Peak
1	NERCWesternOffPeak	NERC Western Off-Peak
2	NERCCalendarAllDaysInMonth	NERC Calendar-All Days in month
3	NERCEasternPeak	NERC Eastern Peak
4	NERCWesternPeak	NERC Western Peak
5	AllTimes	All times
6	OnPeak	On peak
7	OffPeak	Off peak
8	Base	Base
9	Block	Block
99	Other	Other

---

Used in components: **InstrumentLeg**

**170.2.1645 LegGoverningLaw**

Identification of the law governing the transaction. See <http://www.fpml.org/coding-scheme/governing-law> for values.

Type: **String**

Used in components: **LegFinancingDetails**

**170.2.1646 LegGrossTradeAmt**

The gross trade amount of the leg. For FX Futures this is used to express the notional value of a fill when LegLastQty and other quantity fields are express in terms of contract size.

Type: **Amt**

Used in groups: **InstrmtLegExecGrp, TrdInstrmtLegGrp**

### **170.2.1647 LegID**

Unique identifier for the leg within the context of a message (the scope of uniqueness to be defined by counterparty agreement). The LegID(1788) can be referenced using LegRefID(654).

Type: **String**

Used in components: **InstrumentLeg**

### **170.2.1648 LegIndexAnnexDate**

The date of a credit default swap index series annex.

Type: **LocalMktDate**

Used in components: **InstrumentLeg**

### **170.2.1649 LegIndexAnnexSource**

The source of a credit default swap series annex.

Type: **String**

Used in components: **InstrumentLeg**

### **170.2.1650 LegIndexAnnexVersion**

The version of a credit default swap index annex.

Type: **int**

Used in components: **InstrumentLeg**

### **170.2.1651 LegIndexSeries**

The series identifier of a credit default swap index.

Type: **int**

Used in components: **InstrumentLeg**



**170.2.1652 LegIndividualAllocID**

Reference for the individual allocation ticket

See IndividualAllocID (467) for description and valid values.

Type: **String**

Used in groups: **LegPreAllocGrp**

**170.2.1653 LegInstrmtAssignmentMethod**

Specifies the method under which assignment was conducted.

Type: **char**

Allowed values in InstrmtAssignmentMethodCodeSet:

Code	Name	Description
P	ProRata	Pro rata
R	Random	Random

Used in components: **InstrumentLeg**

**170.2.1654 LegInstrRegistry**

Multileg instrument's individual leg security's InstrRegistry.

See InstrRegistry (543) field for description

Type: **String**

Used in components: **InstrumentLeg**

**170.2.1655 LegInstrumentParties**

The use of this component block is restricted to instrument definition only and is not permitted to contain transactional information. Only a specified subset of party roles will be supported within the LegInstrumentParty block.

Name	Mult.	Type	Description
NoLegInstrumentParties	[1..1]	NumInGroup	Repeating group below should contain unique combinations of LegInstrumentPartyID(2255), LegInstrumentPartyIDSource(2256) and LegInstrumentPartyRole(2257).
LegInstrumentPartyID	[0..1]	String	Used to identify the source of PartyID. Required if LegInstrumentPartyIDSource(2256) is specified. Required if NoLegInstrumentParties(2254) > 0.
LegInstrumentPartyIDSource	[0..1]	CodeSet	Used to identify class source of LegInstrumentPartyID(2255) value (e.g. BIC). Required if LegInstrumentPartyID(2255) is specified. Required if NoLegInstrumentParties(2254) > 0.
LegInstrumentPartyRole	[0..1]	CodeSet	Identifies the type of LegInstrumentPartyID(2255) (e.g. Executing Broker). Required if NoLegInstrumentParties(2254) > 0.
LegInstrumentPartyRoleQualifier	[0..1]	CodeSet	
LegInstrumentPtysSubGrp	[0..*]	Group	Repeating group of party sub-identifiers.

Used in components: [InstrumentLeg](#)

### 170.2.1656 LegInstrumentPartyID

Used to identify party id related to instrument.

Type: [String](#)

Used in groups: [LegInstrumentParties](#)

### 170.2.1657 LegInstrumentPartyIDSource

Used to identify source of instrument party id.

Type: [char](#)

Allowed values in PartyIDSourceCodeSet:

Code	Name	Description
1	KoreanInvestorID	Korean Investor ID

Code	Name	Description
6	UKNationalInsuranceOrPension-Number	UK National Insurance or Pension Number
B	BIC	BIC (Bank Identification Code - SWIFT managed) code (ISO9362 - See "Appendix 6-B")
I	ISITCAcronym	Directed broker three character acronym as defined in ISITC "ETC Best Practice" guidelines document
2	TaiwaneseForeignInvestorID	Taiwanese Qualified Foreign Investor ID QFII/FID
7	USSocialSecurityNumber	US Social Security Number
C	GeneralIdentifier	Generally accepted market participant identifier (e.g. NASD mnemonic)
3	TaiwaneseTradingAcct	Taiwanese Trading Acct
8	USEmployerOrTaxIDNumber	US Employer or Tax ID Number
D	Proprietary	Proprietary / Custom code. Custom ID schema used between counterparties, trading platforms and repositories.
4	MalaysianCentralDepository	Malaysian Central Depository (MCD) number
9	AustralianBusinessNumber	Australian Business Number
E	ISOCountryCode	ISO Country Code
5	ChineseInvestorID	Chinese Investor ID
A	AustralianTaxFileNumber	Australian Tax File Number
F	SettlementEntityLocation	Settlement Entity Location (note if Local Market Settlement use "E=ISO Country Code") (see "Appendix 6-G" for valid values)
G	MIC	Market Identifier Code (ISO 10383) MIC
J	TaxID	Tax ID
H	CSDParticipant	CSD participant/member code (e.g. Euroclear, DTC, CREST or Kassenverein number)
K	AustralianCompanyNumber	Australian Company Number
L	AustralianRegisteredBodyNumber	Australian Registered Body Number
M	CFTCReportingFirmIdentifier	CFTC reporting firm identifier
N	LegalEntityIdentifier	Legal Entity Identifier (ISO 17442) LEI
O	InterimIdentifier	Interim identifier. An interim entity identifier assigned by a regulatory agency prior to an LEI (ISO 17442) being assigned.
P	ShortCodeIdentifier	Short code identifier. A generic means for trading venues, brokers, investment managers to convey a bilaterally agreed upon "short hand" code for an identifier that is a reference to a mapping between the parties.

Code	Name	Description
Q	NationalIDNaturalPerson	National ID of natural person. An identification number generally assigned by a government authority or agency to a natural person which is unique to the person it is assigned to. Examples include, but not limited to, "social security number", "pension number".
R	IndiaPermanentAccountNumber	India Permanent Account Number. Also referred to as PAN ID. An identifier issued by the Income Tax Department of India.
S	FDID	Firm designated identifier. Also referred to as FDID. A unique identifier required by the SEC for each trading account designated by Industry Members for purposes of reporting to CAT (Consolidated Audit Trail).
T	SPSAID	Special Segregated Account ID. Also referred to as SPSA ID. The Special Segregated Account identifier issued by Hong Kong Exchanges and Clearing.
U	MasterSPSAID	Master Special Segregated Account ID. Also referred to as Master SPSA ID. The master identifier issued by Hong Kong Exchanges and Clearing for the aggregation of SPSA IDs.

Used in groups: [LegInstrumentParties](#)

### 170.2.1658 LegInstrumentPartyRole

Used to identify the role of instrument party id.

Type: [int](#)

Allowed values in PartyRoleCodeSet:

Code	Name	Description
1	ExecutingFirm	Executing Firm (formerly FIX 4.2 ExecBroker)
2	BrokerOfCredit	Broker of Credit (formerly FIX 4.2 BrokerOfCredit)
3	ClientID	Client ID (formerly FIX 4.2 ClientID)
4	ClearingFirm	Clearing Firm (formerly FIX 4.2 ClearingFirm)
5	InvestorID	Investor ID
6	IntroducingFirm	Introducing Firm
7	EnteringFirm	Entering Firm
8	Locate	Locate / Lending Firm (for short-sales)
9	FundManagerClientID	Fund Manager Client ID (for CIV)

<b>Code</b>	<b>Name</b>	<b>Description</b>
10	SettlementLocation	Settlement Location (formerly FIX 4.2 SettlLocation)
11	OrderOriginationTrader	Order Origination Trader (associated with Order Origination Firm - i.e. trader who initiates/submits the order)
12	ExecutingTrader	Executing Trader (associated with Executing Firm - actually executes)
13	OrderOriginationFirm	Order Origination Firm (e.g. buy-side firm)
14	GiveupClearingFirmDepr	Giveup Clearing Firm (firm to which trade is given up)
15	CorrespondantClearingFirm	Correspondant Clearing Firm
16	ExecutingSystem	Executing System
17	ContraFirm	Contra Firm
18	ContraClearingFirm	Contra Clearing Firm
19	SponsoringFirm	Sponsoring Firm
20	UnderlyingContraFirm	Underlying Contra Firm
21	ClearingOrganization	Clearing Organization
22	Exchange	Exchange. Identify using PartyIDSource(tag 447) = G (Market Identifier Code) if the MIC exists.
24	CustomerAccount	Customer Account
25	CorrespondentClearingOrganization	Correspondent Clearing Organization
26	CorrespondentBroker	Correspondent Broker
27	Buyer	Buyer/Seller (Receiver/Deliverer)
28	Custodian	Custodian
29	Intermediary	Intermediary
30	Agent	Agent
31	SubCustodian	Sub-custodian
32	Beneficiary	Beneficiary
33	InterestedParty	Interested party
34	RegulatoryBody	Regulatory body. In the context of regulatory reporting, this identifies the regulator the trade is being reported to.
35	LiquidityProvider	Liquidity provider
36	EnteringTrader	Entering trader
37	ContraTrader	Contra trader
38	PositionAccount	Position account. The account which positions are maintained. Typically represents the aggregation of one or more customer accounts.
39	ContraInvestorID	Contra Investor ID
40	TransferToFirm	Transfer to Firm

<b>Code</b>	<b>Name</b>	<b>Description</b>
41	ContraPositionAccount	Contra Position Account
42	ContraExchange	Contra Exchange
43	InternalCarryAccount	Internal Carry Account
44	OrderEntryOperatorID	Order Entry Operator ID
45	SecondaryAccountNumber	Secondary Account Number
46	ForeignFirm	Foreign Firm
47	ThirdPartyAllocationFirm	Third Party Allocation Firm
48	ClaimingAccount	Claiming Account
49	AssetManager	Asset Manager
50	PledgorAccount	Pledgor Account
51	PledgeeAccount	Pledgee Account
52	LargeTraderReportableAccount	Large Trader Reportable Account
53	TraderMnemonic	Trader mnemonic
54	SenderLocation	Sender Location
55	SessionID	Session ID
56	AcceptableCounterparty	Acceptable Counterparty
57	UnacceptableCounterparty	Unacceptable Counterparty
58	EnteringUnit	Entering Unit
59	ExecutingUnit	Executing Unit
60	IntroducingBroker	Introducing Broker
61	QuoteOriginator	Quote originator
62	ReportOriginator	Report originator
63	SystematicInternaliser	Systematic internaliser (SI)
64	MultilateralTradingFacility	Multilateral Trading Facility (MTF). Identify using PartyIDSource(tag 447) = G (Market Identifier Code) if the MIC exists.
65	RegulatedMarket	Regulated Market (RM). Identify using PartyIDSource(tag 447) = G (Market Identifier Code) if the MIC exists.
66	MarketMaker	Market Maker
67	InvestmentFirm	Investment Firm
68	HostCompetentAuthority	Host Competent Authority (Host CA)
69	HomeCompetentAuthority	Home Competent Authority (Home CA)
70	CompetentAuthorityLiquidity	Competent Authority of the most relevant market in terms of liquidity (CAL)

<b>Code</b>	<b>Name</b>	<b>Description</b>
71	CompetentAuthorityTransactionV- enue	Competent Authority of the Transaction (Execution) Venue (CATV)
72	ReportingIntermediary	Reporting intermediary. The medium or vendor used to report to a regulator, non-regulatory agency or data repository.
73	ExecutionVenue	Execution Venue. Identify using PartyIDSource(tag 447) = G (Market Identifier Code) if the MIC exists.
74	MarketDataEntryOriginator	Market data entry originator
75	LocationID	Location ID
76	DeskID	Desk ID
77	MarketDataMarket	Market data market
78	AllocationEntity	Allocation Entity
79	PrimeBroker	Prime Broker providing General Trade Services
80	StepOutFirm	Step-Out Firm (Prime Broker)
81	BrokerClearingID	Broker clearing identifier
82	CentralRegistrationDepository	Central Registration Depository (CRD)
83	ClearingAccount	Clearing Account
84	AcceptableSettlingCounterparty	Acceptable Settling Counterparty
85	UnacceptableSettlingCounterparty	Unacceptable Settling Counterparty
86	CLSMemberBank	CLS Member Bank
87	InConcertGroup	In Concert Group
88	InConcertControllingEntity	In Concert Controlling Entity
89	LargePositionsReportingAccount	Large Positions Reporting Account
90	SettlementFirm	Settlement Firm
91	SettlementAccount	Settlement account. The account to which individual payment obligations are aggregated for netting and funds movement. Typically represents the aggregation of many margin (performance bond) accounts.
92	ReportingMarketCenter	Reporting Market Center
93	RelatedReportingMarketCenter	Related Reporting Market Center
94	AwayMarket	Away Market. Identify using PartyIDSource(tag 447) = G (Market Identifier Code) if the MIC exists.
95	GiveupTradingFirm	Give-up (trading) firm
96	TakeupTradingFirm	Take-up (trading) firm
97	GiveupClearingFirm	Give-up clearing firm
98	TakeupClearingFirm	Take-up clearing firm

<b>Code</b>	<b>Name</b>	<b>Description</b>
99	OriginatingMarket	Originating Market. Identifies the Market using PartyIDSource(tag 447) = G (Market Identifier Code) where an order originated in the event that the order is sent to an alternative market for execution. Serves as an inverse of an away market.
100	MarginAccount	Margin account. Also referred to as "performance bond account". The margin account is the calculated margin requirements. Typically represents the aggregation of one or more position accounts.
101	CollateralAssetAccount	Collateral asset account. The account at which individual collateral assets are maintained. Typically, although not always, one-for-one with the settlement account.
102	DataRepository	Data repository. Multiple instances of this PartyRole may appear for reporting purposes.
103	CalculationAgent	Calculation agent
104	ExerciseNoticeSender	Sender of exercise notice
105	ExerciseNoticeReceiver	Receiver of exercise notice
106	RateReferenceBank	Rate reference bank. The bank providing the reference rate. Multiple instance of this PartyRole may appear.
107	Correspondent	Correspondent
109	BeneficiaryBank	Beneficiary's bank or depository institution. The institution in which the beneficiary, a person or an entity, has their account with. The institution may be a bank or non-bank institution.
110	Borrower	Borrower
111	PrimaryObligator	Primary obligator
112	Guarantor	Guarantor
113	ExcludedReferenceEntity	Excluded reference entity
114	DeterminingParty	Determining party
115	HedgingParty	Hedging party
116	ReportingEntity	Reporting entity. The entity that is reporting the information.
117	SalesPerson	Sales person. The person who is involved in the sales activities for their firm.
118	Operator	Operator. The person who has the capabilities and authorization to take certain actions; for example, setting entitlements, etc.
119	CSD	Central Securities Depository (CSD)
120	ICSD	International Central Securities Depository (ICSD)



Code	Name	Description
121	TradingSubAccount	Trading sub-account. Example of sub-accounts include a clearing account that has multiple trading sub-accounts, a trading account that has multiple trading sub-accounts belonging to different trading firms.
122	InvestmentDecisionMaker	Investment decision maker. In the context of ESMA RTS reporting, this is used to specify party responsible for the investment decision. See RTS 24, Annex, Table 2, Field 4.
123	PublishingIntermediary	Publishing intermediary. The medium or vendor used to publish to the market.
124	CSDParticipant	Central Securities Depository (CSD) Participant. In the context of EU SFTR reporting the identifier of the CSD participant or indirect participant of the reporting counterparty. Where both the CSD participant and indirect participant are involved in the transaction this should identify the indirect participant.
125	Issuer	Issuer. The issuer of the security.
126	ContraCustomerAccount	Contra Customer Account. Same as PartyRole(452) = 24 (Customer Account) but for the counterparty. Can be used whenever the parties component is not nested in a repeating group representing both sides.
127	ContraInvestmentDecisionMaker	Contra Investment Decision Maker. Same as PartyRole(452) = 122 (Investment Decision Maker) but for the counterparty. Can be used whenever the parties component is not nested in a repeating group representing both sides.

Used in groups: [LegInstrumentParties](#)

### 170.2.1659 LegInstrumentPartyRoleQualifier

Used to further qualify the value of LegInstrumentPartyRole(2257).

Type: [int](#)

Allowed values in PartyDetailRoleQualifierCodeSet:

Code	Name	Description
0	Agency	Agency
1	Principal	Principal
2	RisklessPrincipal	Riskless principal
3	GeneralClearingMember	General clearing member

Code	Name	Description
30	ExchangeOrderSubmitter	Exchange order submitter. Used to identify original or initial exchange order submitting broker when party role "1" (Executing Firm) appears more than once.
4	IndividualClearingMember	Individual clearing member
5	PreferredMarketMaker	Preferred market maker. Market maker getting a part of the matched quantity before primary or default market maker.
6	DirectedMarketMaker	Directed market maker. Single market maker to handle the order provided.
7	Bank	Bank
8	Hub	Hub. Indicates that the Intermediary party is a hub system or service provider.
9	PrimaryTrdRepository	Primary trade repository. Used to differentiate the principal trade repository from the Original or Additional trade repositories when there are multiple trade repositories being reported.
10	OrigTrdRepository	Original trade repository. Used to identify the trade repository to which the trade was originally reported if different from the current repository to which the trade is being reported.
11	AddnlIntlTrdRepository	Additional international trade repository. Used with InternationalSwapIndicator(2526) to identify the trade repository that is in addition to the local swaps data repository as required by U.S. law.
12	AddnlDomesticTrdRepository	Additional domestic trade repository. Used with MixedSwapIndicator(1929) to identify the trade repository that is in addition to the current trade repository when the assets in the swap are subject to two different domestic regulators.
13	RelatedExchange	Related exchange
14	OptionsExchange	Options exchange
15	SpecifiedExchange	Specified exchange
16	ConstituentExchange	Constituent exchange.
17	ExemptFromTradeReporting	Exempt from trade reporting. In the context of FINRA TRACE reporting requirements, this is used to indicate the ATS has been granted a regulatory exemption from reporting.
18	Current	Current. Can be used to convey an existing party identifier for the same party role in a single message.
19	New	New. Can be used to convey a future party identifier for the same party role in a single message.
20	DesignatedSponsor	Designated sponsor. Market maker jointly providing liquidity for the same security with other market makers.

---

Code	Name	Description
21	Specialist	Specialist. Market maker being the only one providing liquidity for a security.
22	Algorithm	Algorithm
23	FirmOrLegalEntity	Firm or legal entity
24	NaturalPerson	Natural person
25	RegularTrader	Regular trader. Standard trader profile.
26	HeadTrader	Head trader. Senior trader leading a group of regular traders.
27	Supervisor	Supervisor. Administrative user that has only limited rights for normal trading but possibly special rights for emergency actions.
28	TriParty	Tri-party. In the context of EU SFTR reporting, identifies the third party, not necessarily the custodian, to which the reporting counterparty has outsourced the post-trade processing of an SFT (if applicable).
29	Lender	Lender. In the context of EU SFTR reporting, identifies the agent lender involved in the securities lending transaction.

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Used in groups: [LegInstrumentParties](#)

#### **170.2.1660 LegInstrumentPartySubID**

PartySubID value within an instrument party repeating group.

Type: [String](#)

Used in groups: [LegInstrumentPtysSubGrp](#)

#### **170.2.1661 LegInstrumentPartySubIDType**

Type of LegInstrumentPartySubID (2259) value.

Type: [int](#)

Allowed values in PartySubIDTypeCodeSet:

---

Code	Name	Description
1	Firm	Firm
2	Person	Person

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
3	System	System
4	Application	Application
5	FullLegalNameOfFirm	Full legal name of firm
6	PostalAddress	Postal address
7	PhoneNumber	Phone number
8	EmailAddress	Email address
9	ContactName	Contact name
10	SecuritiesAccountNumber	Securities account number (for settlement instructions)
11	RegistrationNumber	Registration number (for settlement instructions and confirmations)
12	RegisteredAddressForConfirmation	Registered address (for confirmation purposes)
13	RegulatoryStatus	Regulatory status (for confirmation purposes)
14	RegistrationName	Registration name (for settlement instructions)
15	CashAccountNumber	Cash account number (for settlement instructions)
16	BIC	BIC
17	CSDParticipantMemberCode	CSD participant member code
18	RegisteredAddress	Registered address
19	FundAccountName	Fund account name
20	TelexNumber	Telex number
21	FaxNumber	Fax number
22	SecuritiesAccountName	Securities account name
23	CashAccountName	Cash account name
24	Department	Department
25	LocationDesk	Location desk
26	PositionAccountType	Position account type
27	SecurityLocateID	Security locate ID
28	MarketMaker	Market maker
29	EligibleCounterparty	Eligible counterparty
30	ProfessionalClient	Professional client
31	Location	Location
32	ExecutionVenue	Execution venue
33	CurrencyDeliveryIdentifier	Currency delivery identifier
34	AddressCity	Address City
35	AddressStateOrProvince	Address State/Province

<b>Code</b>	<b>Name</b>	<b>Description</b>
36	AddressPostalCode	Address Postal Code
37	AddressStreet	Address Street
38	AddressISOCountryCode	Address Country (ISO country code)
39	ISOCountryCode	ISO country code
40	MarketSegment	Market segment
41	CustomerAccountType	Customer account type
42	OmnibusAccount	Omnibus account
43	FundsSegregationType	Funds segregation type
44	GuaranteeFund	Guarantee fund. Identifies a guarantee fund related to an account. Used when one account has multiple funds of collateral, each guaranteeing different positions. Can be used for PartyRole(452) = Customer Account(24).
45	SwapDealer	Swap dealer. The US regulator's defined term for identifying the trade counterparty as "any person who holds itself out as a dealer in swaps, makes a market in swaps, regularly enters into swaps with counterparties as an ordinary course of business for its own account, or engages in activity causing itself to be commonly known in the trade as a dealer or market maker in swaps".
46	MajorParticipant	Major participant. When PartySubID(523)=Y the counterparty is not the swap dealer but is a major swap participant as defined in the regulations.
47	FinancialEntity	Financial entity. When PartySubID(523)=Y the counterparty is neither a swap dealer nor a major swap participant but is a financial entity as defined in the regulations.
48	USPerson	U.S. person. A legal term referring to any U.S. person or legal entity anywhere in the world that should be taxed under U.S. law.
49	ReportingEntityIndicator	Reporting entity indicator. Indicates the entity obligated or delegated to report to their regulator, a non-regulatory agency or data repository. Set PartySubID(523)=Y if true.
50	ElectedClearingRequirementException	Elected clearing requirement exception
51	BusinessCenter	Business center.
52	ReferenceText	Reference text
53	ShortMarkingExemptAccount	Short-marking exempt account
54	ParentFirmIdentifier	Parent firm identifier. Implementation-specific identifier of this party's parent entity.
55	ParentFirmName	Parent firm name. Full name of this party's parent entity.

Code	Name	Description
56	DealIdentifier	Deal identifier. The internal identifier assigned to the trade by this party, particularly by a Clearing Organization.
57	SystemTradeID	System trade identifier
58	SystemTradeSubID	System trade sub-identifier
59	FCMCode	Futures Commission Merchant (FCM) code. The FCM's code or identifier in relation to the PartyRole(452). For example, if PartyRole(452) is the exchange or clearinghouse, the FCM code/ID specified in PartySubID(523) is the FCM's identifier at the exchange or clearinghouse.
60	DlvryTrmlCode	Delivery terminal customer account/code. Usually used for gas delivery to identify whose account the gas is allocated to at the delivery terminal. Often referred to as "HUB" code.
61	VolntyRptEntity	Voluntary reporting entity. The entity voluntarily reporting the trade to the regulator. Set PartySubID(523)=Y if true.
62	RptObligJurisdiction	Reporting obligation jurisdiction. For a trade that falls under multiple jurisdictions this may be used to identify, through PartySubID(523), the reporting jurisdiction to which the party is obligated to report.
63	VolntyRptJurisdiction	Voluntary reporting jurisdiction. For a trade that falls under multiple jurisdictions this may be used to identify, through PartySubID(523), the regulatory jurisdiction to which the party is submitting a voluntary report.
64	CompanyActivities	Company activities. For regulatory reporting. ID values include: A = Assurance undertaking authorized in accordance with Directive 2002/83/EC C = Credit institution authorized in accordance with Directive 2006/48/EC F = Investment firm in accordance with Directive 2004/39/EC I = Insurance undertaking authorized in accordance with Directive 73/239/EC L = Alternative investment fund managed by AIFMs authorized or registered in accordance with Directive 2011/61/EC O = Institution for occupational retirement provision within the meaning of Article 6(a) of Directive 2003/41/EC R = Reinsurance undertaking authorized in accordance with Directive 2005/68/EC U = UCITS and its management company, authorized in accordance with Directive 2009/65/EC or blank in case of coverage by LEI or in case of non-financial counterparties. In the context of EU SFTR reporting use the appropriate 4- or 1-character code noted in the regulations. See SFTR ITS "Commission Implementing Regulation (EU) 2019/363" Annexes 1 and 2 for values.
65	EEAreaDomiciled	European Economic Area domiciled. ID values: Y or N

<b>Code</b>	<b>Name</b>	<b>Description</b>
66	ContractLinked	Contract linked to commercial or treasury financing for this counterparty. ID values: Y or N
67	ContractAbove	Contract above clearing threshold for this counterparty. ID values: Y or N
68	VolntyRptPty	Voluntary reporting party. When PartySubID(523)=Y, identifies that the trading party is reporting voluntarily when VoluntaryRegulatoryReport(1935)=Y.
69	EndUser	End user. When PartySubID(523)=Y, the counterparty is neither the swap dealer, major swap participant nor financial entity as defined in the regulations.
70	LocationOrJurisdiction	Location or jurisdiction. One or more instances may be used in combination with PartySubIDType(803) = 49 (Reporting entity indicator) or 102 (Data repository) to identify the jurisdiction, countries, regions or provinces for which the party is a reporting entity or data repository when that characteristic is ambiguous or where there are multiple locations. The party sub-ID value is either a jurisdiction acronym, a 2-character ISO 3166 country code, or a hyphenated combination of the country code and the standard post-office abbreviation for province, state or region if necessary. E.g. "US" for United States or "CA-QC" for Quebec Canada.
71	DerivativesDealer	Derivatives dealer. Indicates whether the party is a derivatives dealer or not (Y/N). The Canadian regulator's defined term for identifying the trade counterparty as "a person or company engaging in or holding himself, herself or itself out as engaging in the business of trading in derivatives in Ontario as principal or agent".
72	Domicile	Domicile. Country and optionally province, state or region of domicile. The party sub-ID value is either a 2-character ISO 3166 country code or a hyphenated combination of the country code and the standard post-office abbreviation of province, state or region if necessary. E.g. "US" for United States or "CA-QC" for Quebec Canada.
73	ExemptFromRecognition	Exempt from recognition. Used with party role 21 "Clearing Organization" to indicate exemption (Y/N). Identifies a clearing agency as exempt from oversight in Ontario, i.e. one that 1) only provides limited services and does not present significant risks or 2) is foreign-based, intends to operate in Ontario but is subject to regulatory oversight in another jurisdiction.

Code	Name	Description
74	Payer	Payer. Identifies the party as the payer of a particular payment stream or bullet payment by quoting the stream's StreamDesc(40051) (or LegStreamDesc(40243) or UnderlyingStreamDesc(40542)) or payment's PaymentDesc(43087) in the associated party sub-identifier field.
75	Receiver	Receiver. Identifies the party as the receiver of a particular payment stream or bullet payment by quoting the stream's StreamDesc(40051) (or LegStreamDesc(40243) or UnderlyingStreamDesc(40542)) or payment's PaymentDesc(43087) in the associated party sub-identifier field.
76	SystematicInternaliser	Systematic Internaliser (SI). In the context of ESMA reporting, this is used to indicate whether the specified party is a Systematic Internaliser or not for the security defined in the Instrument component (Y/N).
77	PublishingEntityIndicator	Publishing entity indicator. Indicates the entity obligated or delegated to publish to the market. Set PartySubID(523)=Y if true.
78	FirstName	First name. The first name(s) of a natural person. If multiple names, separate entries by a comma.
79	Surname	Surname. The surname(s) or lastname(s) of a natural person. If multiple names, separate entries by a comma.
80	DateOfBirth	Date of birth. The date of birth of a natural person in the format YYYYMMDD.
81	OrderTransmittingFirm	Order transmitting firm. Identifies whether the party specified in PartyID(448) is the firm that transmitted the order. In the context of RTS 22 Article 4, when "true" the PartySubID(523)=Y shall be set "by the transmitting firm within the transmitting firm's report where conditions for transmission specified in Article 4 were not satisfied."
82	OrderTransmittingFirmBuyer	Order transmitting firm for buyer. Identifies the firm that transmitted the order for the buyer. In the context of ESMA RTS 22, PartySubID(523)=Y is used to indicate the firm identified in PartyID(448) is the firm that transmitted the order for the buyer. "This shall be populated by the receiving firm within the receiving firm's report with the identification code provided by the transmitting firm."



Code	Name	Description
83	OrderTransmitterSeller	Order transmitter for seller. Identifies the order transmitting firm for the seller. In the context of ESMA RTS 22, PartySubID(523)=Y is used to indicate the firm identified in PartyID(448) is the firm that transmitted the order for the seller. "This shall be populated by the receiving firm within the receiving firm's report with the identification code provided by the transmitting firm."
84	LegalEntityIdentifier	Legal Entity Identifier (ISO 17442) LEI
85	SubSectorClassification	Sub-sector classification. Supplemental to party sub-ID type "64" (Company activities) for regulatory reporting. For EU SFTR reporting use the appropriate 4-character code noted in the regulations applying the conditional association rules. See SFTR ITS "Commission Implementing Regulation (EU) 2019/363" Annexes 1 and 2 for values.
86	PartySide	Party side. May be used, when appropriate, to explicitly indicate the transaction side of the party, e.g. Buyer, Seller, Lender, Borrower, Maker, Taker, etc. in the ID. In the context of EU SFTR reporting, use values as required by SFTR, "GIVE" and "TAKE" in the ID, to identify collateral giver and taker.
87	LegalRegistrationCountry	Legal registration country. ISO Country Code where the registered office of the party is located as specified in the LEI reference data.

Used in groups: [LegInstrumentPtysSubGrp](#)

### 170.2.1662 LegInstrumentPtysSubGrp

Name	Mult.	Type	Description
<a href="#">NoLegInstrumentPartySubIDs</a>	[1..1]	NumInGroup	
<a href="#">LegInstrumentPartySubID</a>	[0..1]	String	Required if NoLegInstrumentPartySubIDs(2258) > 0.
<a href="#">LegInstrumentPartySubIDType</a>	[0..1]	CodeSet	

Used in groups: [LegInstrumentParties](#)

**170.2.1663 LegInstrumentRoundingDirection**

Specifies the rounding direction if not overridden elsewhere.

Type: **char**

Allowed values in RoundingDirectionCodeSet:

---

Code	Name	Description
0	RoundToNearest	Round to nearest
1	RoundDown	Round down
2	RoundUp	Round up

---

Used in components: **InstrumentLeg**

**170.2.1664 LegInstrumentRoundingPrecision**

Specifies the rounding precision in terms of a number of decimal places. Note how a percentage rate rounding of 5 decimal places is expressed as a rounding precision of 7.

Type: **int**

Used in components: **InstrumentLeg**

**170.2.1665 LegInterestAccrualDate**

The start date used for calculating accrued interest on debt instruments which are being sold between interest payment dates. Often but not always the same as the Issue Date and the Dated Date

Type: **LocalMktDate**

Used in components: **InstrumentLeg**

**170.2.1666 LegInTheMoneyCondition**

Specifies an option instrument's "in the money" condition in general terms.

Type: **int**

Allowed values in InTheMoneyConditionCodeSet:

Code	Name	Description
0	StandardITM	Standard in-the-money. The option's strike price is less than the underlying settlement price for a call or greater than the underlying settlement price for a put.
1	ATMITM	At-the-money is in-the-money. The option's strike price of either the put or call is equal to the underlying settlement price in addition to standard in-the-money behavior.
2	ATMCallITM	At-the-money call is in-the-money. The call option's strike price is equal to the underlying settlement price in addition to standard in-the-money behavior.
3	ATMPutITM	At-the-money put is in-the-money. The put option's strike price is equal to the underlying settlement price in addition to standard in-the-money behavior.

Used in components: [InstrumentLeg](#)

### 170.2.1667 LegIOIQty

Leg-specific IOI quantity.

See IOIQty (27) for description and valid values

Type: [String](#)

Allowed values in IOIQtyCodeSet:

Code	Name	Description
S	Small	Small
M	Medium	Medium
L	Large	Large
U	UndisclosedQuantity	Undisclosed Quantity

Used in groups: [InstrmtLegIOIGrp](#)

### 170.2.1668 LegIssueDate

Multileg instrument's individual leg security's IssueDate.

See IssueDate (225) field for description

(Note tag # was reserved in FIX 4.1, added in FIX 4.3)

(prior to FIX 4.4 field was of type UTCTDate)

Type: **LocalMktDate**

Used in components: **InstrumentLeg**

#### **170.2.1669 LegIssuer**

Multileg instrument's individual security's Issuer.

See Issuer (106) field for description

Type: **String**

Used in components: **InstrumentLeg**

#### **170.2.1670 LegLastForwardPoints**

The forward points for this leg's fill event. Value can be negative. Expressed in decimal form. For example, 61.99 points is expressed and sent as 0.006199

Type: **PriceOffset**

Used in groups: **InstrmtLegExecGrp, TrdInstrmtLegGrp**

#### **170.2.1671 LegLastMultipliedQty**

Expresses the quantity bought/sold when LastQty is expressed in contracts. Used in addition to LegLastQty(1418), it is the product of LegLastQty(1418) and LegContractMultiplier(614).

Type: **Qty**

Used in groups: **TrdInstrmtLegGrp**

#### **170.2.1672 LegLastPx**

Execution price assigned to a leg of a multileg instrument.

See LastPx (31) field for description and values

Type: **Price**

Used in groups: **InstrmtLegExecGrp, TrdInstrmtLegExecGrp, TrdInstrmtLegGrp**

**170.2.1673 LegLastQty**

Fill quantity for the leg instrument

Type: **Qty**

Used in groups: **InstrmtLegExecGrp**, **TrdInstrmtLegExecGrp**, **TrdInstrmtLegGrp**

**170.2.1674 LegLienSeniority**

Indicates the seniority level of the lien in a loan.

Type: **int**

Allowed values in LienSeniorityCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	Unknown	Unknown
1	FirstLien	First lien
2	SecondLien	Second lien
3	ThirdLien	Third lien

---

Used in components: **InstrumentLeg**

**170.2.1675 LegLimitRightToConfirmIndicator**

Indicates whether the Seller may request the Buyer to confirm its intent to exercise if not done on or before the expiration time on the expiration date. If true ("Y") specific rules will apply in relation to the settlement mode.

Type: **Boolean**

Used in components: **LegOptionExercise**

**170.2.1676 LegListMethod**

Indicates whether instruments are pre-listed only or can also be defined via user request.

Type: **int**

Allowed values in ListMethodCodeSet:

---

Code	Name	Description
0	PreListedOnly	pre-listed only
1	UserRequested	user requested

---

Used in components: [InstrumentLeg](#)

### 170.2.1677 LegLoanFacility

Specifies the type of loan when the credit default swap's reference obligation is a loan.

Type: [int](#)

Allowed values in LoanFacilityCodeSet:

---

Code	Name	Description
0	BridgeLoan	Bridge loan
1	LetterOfCredit	Letter of credit
2	RevolvingLoan	Revolving loan
3	SwinglineFunding	Swingline funding
4	TermLoan	Term loan
5	TradeClaim	Trade claim

---

Used in components: [InstrumentLeg](#)

### 170.2.1678 LegLocaleOfIssue

Multileg instrument's individual leg security's LocaleOfIssue.

See LocaleOfIssue (472) field for description

Type: [String](#)

Used in components: [InstrumentLeg](#)

### 170.2.1679 LegMakeWholeAmount

Amount to be paid by the buyer of the option if the option is exercised prior to the LegMakeWhole-Date(42392).

Type: **Amt**

Used in components: [LegOptionExerciseMakeWholeProvision](#)

### **170.2.1680 LegMakeWholeBenchmarkCurveName**

Identifies the benchmark floating rate index.

Type: **String**

Used in components: [LegOptionExerciseMakeWholeProvision](#)

### **170.2.1681 LegMakeWholeBenchmarkCurvePoint**

The point on the floating rate index curve.

Sample values:

M = combination of a number between 1-12 and an "M" for month, e.g. 3M

Y = combination of number between 1-100 and a "Y" for year, e.g. 10Y

10Y-OLD = see above, then add "-OLD" when appropriate

INTERPOLATED = the point is mathematically derived

2/2031 5 3/8 = the point is stated via a combination of maturity month / year and coupon.

Type: **String**

Used in components: [LegOptionExerciseMakeWholeProvision](#)

### **170.2.1682 LegMakeWholeBenchmarkQuote**

The quote side of the benchmark to be used for calculating the "make whole" amount.

Type: **int**

Allowed values in StrikeIndexQuoteCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	Bid	Bid.
1	Mid	Mid
2	Offer	Offer

---

Used in components: [LegOptionExerciseMakeWholeProvision](#)

**170.2.1683 LegMakeWholeDate**

The date through which option cannot be exercised without penalty.

Type: [LocalMktDate](#)

Used in components: [LegOptionExerciseMakeWholeProvision](#)

**170.2.1684 LegMakeWholeInterpolationMethod**

The method used when calculating the "make whole" amount. The most common is linear method.

Type: [int](#)

Allowed values in PaymentStreamInflationInterpolationMethodCodeSet:

---

Code	Name	Description
0	None	None
1	LinearZeroYield	Linear zero yield

---

Used in components: [LegOptionExerciseMakeWholeProvision](#)

**170.2.1685 LegMakeWholeRecallSpread**

Spread over the floating rate index.

Type: [PriceOffset](#)

Used in components: [LegOptionExerciseMakeWholeProvision](#)

**170.2.1686 LegManualNoticeBusinessCenter**

Identifies the business center used for adjusting the time for manual exercise notice.

See <http://www.fpml.org/coding-scheme/business-center> for standard 4-character code values.

Type: [String](#)

Used in components: [LegOptionExercise](#)



**170.2.1687 LegMarginRatio**

The fraction of the cash consideration that must be collateralized, expressed as a percent. A MarginRatio of 2% indicates that the value of the collateral (after deducting for "haircut") must exceed the cash consideration by 2%.

Type: **Percentage**

Used in components: **LegFinancingDetails**

**170.2.1688 LegMarketDisruption**

The LegMarketDisruption component is a subcomponent of the InstrumentLeg used to specify the market disruption provisions of the swap.

<b>Name</b>	<b>Mult.</b>	<b>Type</b>	<b>Description</b>
<b>LegMarketDisruptionProvision</b>	[0..1]	CodeSet	
<b>LegMarketDisruptionEventGrp</b>	[0..*]	Group	
<b>LegMarketDisruptionFallbackProvision</b>	[0..1]	CodeSet	
<b>LegMarketDisruptionFallbackGrp</b>	[0..*]	Group	
<b>LegMarketDisruptionFallbackReferencePriceGrp</b>	[0..*]	Group	
<b>LegMarketDisruptionMaximumDays</b>	[0..1]	int	
<b>LegMarketDisruptionMaterialityPercentage</b>	[0..1]	Percentage	If specified, the disruption event should be specified in LegMarketDisruptionEventGrp.
<b>LegMarketDisruptionMinimumFuturesContracts</b>	[0..1]	int	Applicable only when LegMarketDisruptionEvent(41468)='DeMinimisTrading'.

Used in components: **InstrumentLeg**

**170.2.1689 LegMarketDisruptionEvent**

Specifies the market disruption event.

For commodities see <http://www.fpml.org/coding-scheme/commodity-market-disruption> for values.

For foreign exchange, see [http://www.fixtradingcommunity.org/codelists#Market\\_Disruption\\_Event](http://www.fixtradingcommunity.org/codelists#Market_Disruption_Event) for code list of applicable event types.

Type: **String**

Used in groups: **LegMarketDisruptionEventGrp**

### **170.2.1690 LegMarketDisruptionEventGrp**

The LegMarketDisruptionEventGrp is a repeating subcomponent of the LegMarketDisruption component used to specify the market disruption events.

<b>Name</b>	<b>Mult.</b>	<b>Type</b>	<b>Description</b>
<b>NoLegMarketDisruptionEvents</b>	[1..1]	NumInGroup	
<b>LegMarketDisruptionEvent</b>	[0..1]	String	Required if NoLegMarketDisruptionEvents(41467) > 0.
<b>LegMarketDisruptionValue</b>	[0..1]	String	

Used in components: **LegMarketDisruption**

### **170.2.1691 LegMarketDisruptionFallbackBasketCurrency**

Specifies the currency if the underlier is a basket. Uses ISO 4217 currency codes.

Type: **Currency**

Used in groups: **LegMarketDisruptionFallbackReferencePriceGrp**

### **170.2.1692 LegMarketDisruptionFallbackBasketDivisor**

Specifies the basket divisor amount. This value is normally used to adjust the constituent weight for pricing or to adjust for dividends, or other corporate actions.

Type: **float**

Used in groups: **LegMarketDisruptionFallbackReferencePriceGrp**

### **170.2.1693 LegMarketDisruptionFallbackGrp**

The LegMarketDisruptionFallbackGrp is a repeating subcomponent of the LegMarketDisruption component used to specify the market disruption fallback provisions.

Name	Mult.	Type	Description
NoLegMarketDisruptionFallbacks	[1..1]	NumInGroup	
LegMarketDisruptionFallbackType	[0..1]	String	Required if NoLegMarketDisruptionFallbacks(41469) > 0. The sequence of entries specifies the order in which the fallback provisions should be applied.
LegMarketDisruptionFallbackValue	[0..1]	String	

Used in components: [LegMarketDisruption](#)

### 170.2.1694 LegMarketDisruptionFallbackOpenUnits

If there are multiple underlying assets, this specifies the number of units (index or securities) that constitute the underlier of the swap. In the case of a basket swap, this is used to reference both the number of basket units, and the number of each asset components of the basket when these are expressed in absolute terms.

Type: [Qty](#)

Used in groups: [LegMarketDisruptionFallbackReferencePriceGrp](#)

### 170.2.1695 LegMarketDisruptionFallbackProvision

Specifies the location of the fallback provision documentation.

Type: [int](#)

Allowed values in MarketDisruptionFallbackProvisionCodeSet:

Code	Name	Description
0	MasterAgreement	As specified in master agreement
1	Confirmation	As specified in confirmation

Used in components: [LegMarketDisruption](#)

### 170.2.1696 LegMarketDisruptionFallbackReferencePriceGrp

The LegMarketDisruptionFallbackReferencePriceGrp is a repeating subcomponent of the LegMarketDisruption component used to specify the fallback reference price and underlying security provisions

Name	Mult.	Type	Description
NoLegMarketDisruptionFallbackReferencePrices	[1..1]	NumInGroup	
LegMarketDisruptionFallbackUnderlierType	[0..1]	CodeSet	Required if NoLegMarketDisruptionFallbackReferencePrices(41471) > 0.
LegMarketDisruptionFallbackUnderlierSecurityID	[0..1]	String	Conditionally required when LegMarketDisruptionFallbackUnderlierSecurityIDSource(41474) is specified.
LegMarketDisruptionFallbackUnderlierSecurityIDSource	[0..1]	CodeSet	Conditionally required when LegMarketDisruptionFallbackUnderlierSecurityID(41473) is specified.
LegMarketDisruptionFallbackUnderlierSecurityDesc	[0..1]	String	
EncodedLegMarketDisruptionFallbackUnderlierSecurityDescLen	[0..1]	Length	Must be set if EncodedLegMarketDisruptionFallbackUnderlierSecurityDesc(41477) field is specified and must immediately precede it.
EncodedLegMarketDisruptionFallbackUnderlierSecurityDesc	[0..1]	data	Encoded (non-ASCII characters) representation of the LegMarketDisruptionFallbackUnderlierSecurityDesc(41475) field in the encoded format specified via the MessageEncoding(347) field.
LegMarketDisruptionFallbackOpenUnits	[0..1]	Qty	
LegMarketDisruptionFallbackBasketCurrency	[0..1]	Currency	
LegMarketDisruptionFallbackBasketDivisor	[0..1]	float	

Used in components: [LegMarketDisruption](#)

### 170.2.1697 LegMarketDisruptionFallbackType

Specifies the type of disruption fallback.

See <http://www.fpml.org/coding-scheme/commodity-market-disruption-fallback> for values.

Type: [String](#)

Used in groups: [LegMarketDisruptionFallbackGrp](#)

**170.2.1698 LegMarketDisruptionFallbackUnderlierSecurityDesc**

Specifies the description of the underlying security.

Type: **String**

Used in groups: **LegMarketDisruptionFallbackReferencePriceGrp**

**170.2.1699 LegMarketDisruptionFallbackUnderlierSecurityID**

Specifies the identifier value of the security.

Type: **String**

Used in groups: **LegMarketDisruptionFallbackReferencePriceGrp**

**170.2.1700 LegMarketDisruptionFallbackUnderlierSecurityIDSource**

Specifies the class or source scheme of the security identifier.

Type: **String**

Allowed values in SecurityIDSourceCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
1	CUSIP	CUSIP
2	SEDOL	SEDOL
3	QUIK	QUIK
4	ISINNumber	ISIN
5	RICCode	RIC
6	ISOCurrencyCode	ISO Currency Code (ISO 4217)
7	ISOCountryCode	ISO Country Code
8	ExchangeSymbol	Exchange symbol
9	ConsolidatedTapeAssociation	Consolidated Tape Association (CTA) Symbol (SIAC CTS/CQS line format)
A	BloombergSymbol	Bloomberg Symbol
B	Wertpapier	Wertpapier
C	Dutch	Dutch
D	Valoren	Valoren
E	Sicovam	Sicovam

---

Code	Name	Description
F	Belgian	Belgian
G	Common	"Common" (Clearstream and Euroclear)
H	ClearingHouse	Clearing house / Clearing organization
I	ISDAFpMLSpecification	ISDA/FpML product specification (XML in SecurityXML(1185))
J	OptionPriceReportingAuthority	Option Price Reporting Authority
K	ISDAFpMLURL	ISDA/FpML product URL (URL in SecurityID(48))
L	LetterOfCredit	Letter of credit
M	MarketplaceAssignedIdentifier	Marketplace-assigned Identifier
N	MarkitREDEntityCLIP	Markit RED entity CLIP
P	MarkitREDPairCLIP	Markit RED pair CLIP
Q	CFTCCommodityCode	CFTC commodity code
R	ISDACommodityReferencePrice	ISDA Commodity Reference Price
S	FinancialInstrumentGlobalIdentifier	Financial Instrument Global Identifier. An Object Management Group (OMG) standard. Also referred to as FIGI. Formerly known as "Bloomberg Open Symbology BBGID".
T	LegalEntityIdentifier	Legal entity identifier
U	Synthetic	Synthetic. Used to specify that the security identifier is synthetic for linking nested underliers when there is no market identifier for the collection.
V	FidessaInstrumentMnemonic	Fidessa Instrument Mnemonic (FIM)
W	IndexName	Index name. Standard name of the index or rate index, e.g. "LIBOR" or "iTraxx Australia".
X	UniformSymbol	Uniform Symbol (UMTF Symbol)
Y	DigitalTokenIdentifier	Digital Token Identifier (ISO 24165)

Used in groups: [LegMarketDisruptionFallbackReferencePriceGrp](#)

### 170.2.1701 LegMarketDisruptionFallbackUnderlierType

The type of reference price underlier.

Type: **int**

Allowed values in MarketDisruptionFallbackUnderlierTypeCodeSet:

Code	Name	Description
0	Basket	Basket
1	Bond	Bond
2	Cash	Cash
3	Commodity	Commodity
4	ConvertibleBond	Convertible bond
5	Equity	Equity
6	ExchangeTradedFund	Exchange traded fund
7	Future	Future
8	Index	Index
9	Loan	Loan
10	Mortgage	Mortgage
11	MutualFund	Mutual fund

---

Used in groups: [LegMarketDisruptionFallbackReferencePriceGrp](#)

#### **170.2.1702 LegMarketDisruptionFallbackValue**

Applicable value for LegMarketDisruptionFallbackType(41470).

Type: [String](#)

Used in groups: [LegMarketDisruptionFallbackGrp](#)

#### **170.2.1703 LegMarketDisruptionMaterialityPercentage**

Used when a price materiality percentage applies to the price source disruption event and this event has been specified.

Type: [Percentage](#)

Used in components: [LegMarketDisruption](#)

#### **170.2.1704 LegMarketDisruptionMaximumDays**

Specifies the maximum number of market disruption days (commodity or bullion business days) in a contract or confirmation. If none are specified, the maximum number of market disruption days is five (5).

Type: **int**

Used in components: **LegMarketDisruption**

### **170.2.1705 LegMarketDisruptionMinimumFuturesContracts**

Specifies the minimum futures contracts level that dictates whether or not a 'De Minimis Trading' event has occurred.

Type: **int**

Used in components: **LegMarketDisruption**

### **170.2.1706 LegMarketDisruptionProvision**

The consequences of market disruption events.

Type: **int**

Allowed values in MarketDisruptionProvisionCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	NotApplicable	Not applicable
1	Applicable	Applicable
2	AsInMasterAgreement	As specified in master agreement
3	AsInConfirmation	As specified in confirmation

---

Used in components: **LegMarketDisruption**

### **170.2.1707 LegMarketDisruptionValue**

Applicable value for LegMarketDisruptionEvent(41468).

Type: **String**

Used in groups: **LegMarketDisruptionEventGrp**



#### **170.2.1708 LegMasterConfirmationAnnexDate**

The date that an annexation to the master confirmation was executed between the parties.

Type: [LocalMktDate](#)

Used in components: [LegFinancingDetails](#)

#### **170.2.1709 LegMasterConfirmationAnnexDesc**

The type of master confirmation annexation executed between the parties. See <http://www.fpml.org/coding-scheme/master-confirmation-annex-type> for values.

Type: [String](#)

Used in components: [LegFinancingDetails](#)

#### **170.2.1710 LegMasterConfirmationDate**

Alternative to broker confirmation. The date of the confirmation executed between the parties and intended to govern all relevant transactions between those parties.

Type: [LocalMktDate](#)

Used in components: [LegFinancingDetails](#)

#### **170.2.1711 LegMasterConfirmationDesc**

The type of master confirmation executed between the parties. See <http://www.fpml.org/coding-scheme/master-confirmation-type> for values.

Type: [String](#)

Used in components: [LegFinancingDetails](#)

#### **170.2.1712 LegMaterialDividendsIndicator**

Indicates whether material non-cash dividends are applicable.

Type: [Boolean](#)

Used in components: [LegDividendConditions](#)

**170.2.1713 LegMaturityDate**

Multileg instrument's individual security's MaturityDate.

See MaturityDate(541) field for description.

Type: [LocalMktDate](#)

Used in components: [InstrumentLeg](#)

**170.2.1714 LegMaturityFrequencyPeriod**

Time unit multiplier for the minimum frequency of the instrument maturity intervals.

Type: [int](#)

Used in components: [InstrumentLeg](#)

**170.2.1715 LegMaturityFrequencyUnit**

Time unit associated with the minimum frequency of the instrument maturity intervals.

Type: [String](#)

Allowed values in TimeUnitCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
H	Hour	Hour
Min	Minute	Minute
S	Second	Second
D	Day	Day
Wk	Week	Week
Mo	Month	Month
Yr	Year	Year
Q	Quarter	Quarter
EOM	EndOfMonth	End of Month. End of Month identifies a relative time unit, e.g. until the third Friday of each month.
F	Flexible	Flexible. A flexible time unit indicates that a specific time unit for the contract is currently undetermined.

---

Used in components: [InstrumentLeg](#)

**170.2.1716 LegMaturityMonthYear**

Multileg instrument's individual security's MaturityMonthYear.

See MaturityMonthYear (200) field for description

Type: **MonthYear**

Used in components: **InstrumentLeg**

**170.2.1717 LegMaturityTime**

Time of security's maturity expressed in local time with offset to UTC specified

Type: **TZTimeOnly**

Used in components: **InstrumentLeg**

**170.2.1718 LegMidPx**

Leg Mid price/rate.

For OTC swaps, this is the mid-market mark (for example, as defined by CFTC).

For uncleared OTC swaps, LegMidPx(2346) and the MidPx(631) fields are mutually exclusive.

Type: **Price**

Used in groups: **InstrmtLegExecGrp**, **LegQuotGrp**, **LegQuotStatGrp**, **QuotReqLegsGrp**, **TrdInstrmtLegGrp**

**170.2.1719 LegMinPriceIncrement**

Minimum price increment for a given exchange-traded instrument. Could also be used to represent tick value.

Type: **float**

Used in components: **InstrumentLeg**

**170.2.1720 LegMinPriceIncrementAmount**

Minimum price increment amount associated with the LegMinPriceIncrement(2190). For listed derivatives, the value can be calculated by multiplying LegMinPriceIncrement(2190) by LegContractMultiplier(614).

Type: **Amt**

Used in components: **InstrumentLeg**

### **170.2.1721 LegMthToDefault**

The Mth reference obligation to default in a CDS reference basket. When an NthToDefault(2157) to MthToDefault(2158) are represented then the CDS payout occurs between the Nth and Mth obligations to default.

Type: **int**

Used in components: **InstrumentLeg**

### **170.2.1722 LegNonCashDividendTreatment**

Defines the treatment of non-cash dividends.

Type: **int**

Allowed values in NonCashDividendTreatmentCodeSet:

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	PotentialAdjustment	Potential adjustment event. The treatment of any non-cash dividend shall be determined in accordance with the potential adjustment event provisions.
1	CashEquivalent	Cash equivalent. Any non-cash dividend shall be treated as a declared cash equivalent dividend.

Used in components: **LegDividendConditions**

### **170.2.1723 LegNonDeliverableFixingDate**

The non-deliverable fixing date. Type of date is specified in LegNonDeliverableFixingDate-Type(40369).

Type: **LocalMktDate**

Used in groups: **LegPaymentStreamNonDeliverableFixingDateGrp**

**170.2.1724 LegNonDeliverableFixingDateType**

Specifies the type of date (e.g. adjusted for holidays).

Type: **int**

Allowed values in NonDeliverableFixingDateTypeCodeSet:

---

Code	Name	Description
0	Unadjusted	Unadjusted
1	Adjusted	Adjusted

---

Used in groups: **LegPaymentStreamNonDeliverableFixingDateGrp**

**170.2.1725 LegNotionalPercentageOutstanding**

Indicates the notional percentage of the deal that is still outstanding based on the remaining components of the index.

Used to calculate the true value of a CDS trade or position.

Type: **Percentage**

Used in components: **InstrumentLeg**

**170.2.1726 LegNthToDefault**

The Nth reference obligation in a CDS reference basket. If specified without LegMthToDefault(2158) the default will trigger a CDS payout. If LegMthToDefault(2158) is also present then payout occurs between the Nth and Mth obligations to default.

Type: **int**

Used in components: **InstrumentLeg**

**170.2.1727 LegNTPositionLimit**

Position limit in the near-term contract for a given exchange-traded product.

Type: **int**

Used in components: **InstrumentLeg**

**170.2.1728 LegNumber**

Allow sequencing of Legs for a Strategy to be captured

Type: **int**

Used in groups: **TrdInstrmtLegGrp**

**170.2.1729 LegObligationType**

Type of reference obligation for credit derivatives contracts.

Type: **String**

Allowed values in ObligationTypeCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	Bond	Bond
1	ConvertBond	Convertible bond
2	Mortgage	Mortgage
3	Loan	Loan

---

Used in components: **InstrumentLeg**

**170.2.1730 LegOfferForwardPoints**

The offer FX forward points for the leg of an FX Swap. Value can be negative. Expressed in decimal form. For example, 61.99 points is expressed and sent as 0.006199

Type: **PriceOffset**

Used in groups: **LegQuotGrp**

**170.2.1731 LegOfferPx**

Offer price of this leg.

See OfferPx (133) for description and valid values

Type: **Price**

Used in groups: **LegQuotGrp**

**170.2.1732 LegOptAttribute**

Multileg instrument's individual security's OptAttribute.

See OptAttribute (206) field for description

Type: **char**

Used in components: **InstrumentLeg**

**170.2.1733 LegOptionExerciseBusinessCenter**

The business center calendar used to adjust the option exercise dates, e.g. "GBLO".

See <http://www.fpml.org/coding-scheme/business-center> for standard 4-character code values.

Type: **String**

Used in groups: **LegOptionExerciseBusinessCenterGrp**

**170.2.1734 LegOptionExerciseBusinessCenterGrp**

LegOptionExerciseBusinessCenterGrp is a repeating subcomponent of the LegOptionExerciseDates component used to specify the set of business centers whose calendars drive date adjustment. Used only to override the business centers defined in the LegDateAdjustment component in InstrumentLeg.

Name	Mult.	Type	Description
<b>NoLegOptionExerciseBusinessCenters</b>	[1..1]	NumInGroup	
<b>LegOptionExerciseBusinessCenter</b>	[0..1]	String	Required if NoLegOptionExerciseBusinessCenters(41491) > 0.

Used in components: **LegOptionExerciseDates**

**170.2.1735 LegOptionExerciseBusinessDayConvention**

The business day convention used to adjust the option exercise dates. Used only to override the business day convention specified in the LegDateAdjustment component within the InstrumentLeg component.

Type: **int**

Allowed values in BusinessDayConventionCodeSet:

Code	Name	Description
0	NotApplicable	Not applicable. Business day convention is not applicable.
1	None	None (current day)
2	FollowingDay	Following day. The following business day.
3	FloatingRateNote	Floating rate note. The FRN business day convention.
4	ModifiedFollowingDay	Modified following day. The modified following business day.
5	PrecedingDay	Preceding day. The preceding business day.
6	ModifiedPrecedingDay	Modified preceding day. The modified preceding business day.
7	NearestDay	Nearest day. The nearest applicable business day.

Used in components: [LegOptionExerciseDates](#)

### 170.2.1736 LegOptionExercise

The LegOptionExercise component is a subcomponent of the InstrumentLeg component used to specify option exercise provisions. Its purpose is to identify the opportunities and conditions for exercise, e.g. the schedule of dates on which exercise is allowed. The embedded LegOptionExerciseExpiration component is used to terminate the opportunity for exercise.

Name	Mult.	Type	Description
<a href="#">LegExerciseDesc</a>	[0..1]	String	
<a href="#">EncodedLegExerciseDescLen</a>	[0..1]	Length	Must be set if EncodedLegExerciseDesc (41483) field is specified and must immediately precede it.
<a href="#">EncodedLegExerciseDesc</a>	[0..1]	data	Encoded (non-ASCII characters) representation of the LegExerciseDesc(41481) field in the encoded format specified via the MessageEncoding(347) field.
<a href="#">LegAutomaticExerciseIndicator</a>	[0..1]	Boolean	
<a href="#">LegAutomaticExerciseThresholdRate</a>	[0..1]	float	
<a href="#">LegExerciseConfirmationMethod</a>	[0..1]	CodeSet	
<a href="#">LegManualNoticeBusinessCenter</a>	[0..1]	String	
<a href="#">LegFallbackExerciseIndicator</a>	[0..1]	Boolean	
<a href="#">LegLimitRightToConfirmIndicator</a>	[0..1]	Boolean	
<a href="#">LegExerciseSplitTicketIndicator</a>	[0..1]	Boolean	



Name	Mult.	Type	Description
LegSettlMethodElectingPartySide	[0..1]	CodeSet	
LegSettlMethodElectionDate	[0..1]	Component	
LegOptionExerciseDates	[0..1]	Component	
LegOptionExerciseExpiration	[0..1]	Component	
LegOptionExerciseMakeWholeProvi- sion	[0..1]	Component	

Used in components: [InstrumentLeg](#)

### 170.2.1737 LegOptionExerciseDate

The adjusted or unadjusted option exercise fixed date.

Type: [LocalMktDate](#)

Used in groups: [LegOptionExerciseDateGrp](#)

### 170.2.1738 LegOptionExerciseDateGrp

The LegOptionExerciseDateGrp is a repeating subcomponent of the LegOptionExerciseDates component used to specify fixed dates for exercise.

Name	Mult.	Type	Description
NoLegOptionExerciseDates	[1..1]	NumInGroup	
LegOptionExerciseDate	[0..1]	LocalMktDate	Required if NoLegOptionExerciseDates(41512) > 0.
LegOptionExerciseDateType	[0..1]	CodeSet	When specified it applies not only to the current date but to all subsequent dates in the group until overridden with a new type.

Used in components: [LegOptionExerciseDates](#)

### 170.2.1739 LegOptionExerciseDates

The LegOptionExerciseDates component is a subcomponent of the LegOptionExercise component used to specify option exercise dates.

Name	Mult.	Type	Description
LegOptionExerciseBusinessDayConvention	[0..1]	CodeSet	When specified, this overrides the business day convention defined in the LegDateAdjustment component in InstrumentLeg. The specified value would be specific to this instance of option exercise dates.
LegOptionExerciseBusinessCenterGrp	[0..*]	Group	
LegOptionExerciseDateGrp	[0..*]	Group	
LegOptionExerciseEarliestDateOffsetDayType	[0..1]	CodeSet	
LegOptionExerciseEarliestDateOffsetPeriod	[0..1]	int	Conditionally required when LegOptionExerciseEarliestDateUnit(41496) is specified.
LegOptionExerciseEarliestDateOffsetUnit	[0..1]	CodeSet	Conditionally required when LegOptionExerciseEarliestDatePeriod(41495) is specified.
LegOptionExerciseFrequencyPeriod	[0..1]	int	Conditionally required when LegOptionExerciseFrequencyUnit(41498) is specified.
LegOptionExerciseFrequencyUnit	[0..1]	CodeSet	Conditionally required when LegOptionExerciseFrequencyPeriod(41497) is specified.
LegOptionExerciseStartDateUnadjusted	[0..1]	LocalMktDate	
LegOptionExerciseStartDateRelativeTo	[0..1]	int	
LegOptionExerciseStartDateOffsetPeriod	[0..1]	int	Conditionally required when LegOptionExerciseStartDateOffsetUnit(41502) is specified.
LegOptionExerciseStartDateOffsetUnit	[0..1]	CodeSet	Conditionally required when LegOptionExerciseStartDateOffsetPeriod(41501) is specified.
LegOptionExerciseStartDateOffsetDayType	[0..1]	CodeSet	
LegOptionExerciseStartDateAdjusted	[0..1]	LocalMktDate	
LegOptionExerciseSkip	[0..1]	int	
LegOptionExerciseNominationDeadline	[0..1]	LocalMktDate	
LegOptionExerciseFirstDateUnadjusted	[0..1]	LocalMktDate	
LegOptionExerciseLastDateUnadjusted	[0..1]	LocalMktDate	

Name	Mult.	Type	Description
LegOptionExerciseEarliestTime	[0..1]	LocalMktTime	
LegOptionExerciseLatestTime	[0..1]	LocalMktTime	
LegOptionExerciseTimeBusinessCenter	[0..1]	String	

Used in components: [LegOptionExercise](#)

### 170.2.1740 LegOptionExerciseDateType

Specifies the type of option exercise date. When specified it applies not only to the current date but to all subsequent dates in the group until overridden with a new type.

Type: [int](#)

Allowed values in OptionExerciseDateTypeCodeSet:

Code	Name	Description
0	Unadjusted	Unadjusted
1	Adjusted	Adjusted

Used in groups: [LegOptionExerciseDateGrp](#)

### 170.2.1741 LegOptionExerciseEarliestDateOffsetDayType

Specifies the day type of the relative earliest exercise date offset.

Type: [int](#)

Allowed values in ComplexEventDateOffsetDayTypeCodeSet:

Code	Name	Description
0	Business	Business
1	Calendar	Calendar
2	CommodityBusiness	Commodity business
3	CurrencyBusiness	Currency business
4	ExchangeBusiness	Exchange business

Code	Name	Description
5	ScheduledTradingDay	Scheduled trading day

Used in components: [LegOptionExerciseDates](#)

### 170.2.1742 LegOptionExerciseEarliestDateOffsetPeriod

Time unit multiplier for the relative earliest exercise date offset.

Type: [int](#)

Used in components: [LegOptionExerciseDates](#)

### 170.2.1743 LegOptionExerciseEarliestDateOffsetUnit

Time unit associated with the relative earliest exercise date offset.

Type: [String](#)

Allowed values in ProvisionOptionExerciseEarliestDateOffsetUnitCodeSet:

Code	Name	Description
D	Day	Day
Wk	Week	Week
Mo	Month	Month
Yr	Year	Year

Used in components: [LegOptionExerciseDates](#)

### 170.2.1744 LegOptionExerciseEarliestTime

The earliest time at which notice of exercise can be given by the buyer to the seller (or seller's agent) (i) on the expiration date, in the case of a European style option, (ii) on each Bermuda option exercise date and the expiration date, in the case of a Bermuda style option, (iii) the commencement date to, and including, the expiration date, in the case of an American option.

Type: [LocalMktTime](#)

Used in components: [LegOptionExerciseDates](#)

### 170.2.1745 LegOptionExerciseExpiration

The LegOptionExerciseExpiration component is a subcomponent of the LegOptionExercise component used to specify option exercise expiration dates and times. The purpose of LegOptionExercise is to identify the scheduled opportunities for exercise. LegOptionExerciseExpiration identifies the end of the schedule.

Name	Mult.	Type	Description
LegOptionExerciseExpirationDateBusinessDayConvention	[0..1]	CodeSet	When specified, this overrides the business day convention defined in the LegDateAdjustment component in InstrumentLeg. The specified values would be specific to the option exercise expiration date.
LegOptionExerciseExpirationDateBusinessCenterGrp	[0..*]	Group	When specified, this overrides the business centers defined in the LegDateAdjustment component in InstrumentLeg. The specified values would be specific to the option exercise expiration date.
LegOptionExerciseExpirationDateGrp	[0..*]	Group	
LegOptionExerciseExpirationDateRelativeTo	[0..1]	int	
LegOptionExerciseExpirationDateOffsetPeriod	[0..1]	int	Conditionally required when LegOptionExerciseExpirationDateOffsetUnit(41520) is specified.
LegOptionExerciseExpirationDateOffsetUnit	[0..1]	CodeSet	Conditionally required when LegOptionExerciseExpirationDateOffsetPeriod(41519) is specified.
LegOptionExerciseExpirationFrequencyPeriod	[0..1]	int	Conditionally required when LegOptionExerciseExpirationFrequencyUnit(41522) is specified.
LegOptionExerciseExpirationFrequencyUnit	[0..1]	CodeSet	Conditionally required when LegOptionExerciseExpirationFrequencyPeriod(41521) is specified.
LegOptionExerciseExpirationRollConvention	[0..1]	CodeSet	When specified, this overrides the date roll convention defined in the LegDateAdjustment component in InstrumentLeg. The specified values would be specific to this instance of the option expiration date.
LegOptionExerciseExpirationDateOffsetDayType	[0..1]	CodeSet	
LegOptionExerciseExpirationTime	[0..1]	LocalMktTime	
LegOptionExerciseExpirationTimeBusinessCenter	[0..1]	String	

Used in components: [LegOptionExercise](#)

**170.2.1746 LegOptionExerciseExpirationDate**

The adjusted or unadjusted option exercise expiration fixed date.

Type: [LocalMktDate](#)

Used in groups: [LegOptionExerciseExpirationDateGrp](#)

**170.2.1747 LegOptionExerciseExpirationDateBusinessCenter**

The business center calendar used to adjust the option exercise expiration dates, e.g. "GBLO".

See <http://www.fpml.org/coding-scheme/business-center> for standard 4-character code values.

Type: [String](#)

Used in groups: [LegOptionExerciseExpirationDateBusinessCenterGrp](#)

**170.2.1748 LegOptionExerciseExpirationDateBusinessCenterGrp**

[LegOptionExerciseExpirationDateBusinessCenterGrp](#) is a repeating subcomponent of the [LegOptionExerciseExpiration](#) component used to specify the set of business centers whose calendars drive date adjustment. Used only to override the business centers defined in the [LegDateAdjustment](#) component in [InstrumentLeg](#).

Name	Mult.	Type	Description
<a href="#">NoLegOptionExerciseExpirationDateBusinessCenters</a>	[1..1]	NumInGroup	
<a href="#">LegOptionExerciseExpirationDateBusinessCenter</a>	[0..1]	String	Required if <a href="#">NoLegOptionExerciseExpirationDateBusinessCenters(41515)</a> > 0.

Used in components: [LegOptionExerciseExpiration](#)

**170.2.1749 LegOptionExerciseExpirationDateBusinessDayConvention**

The business day convention used to adjust the option exercise expiration dates. Used only to override the business day convention specified in the [LegDateAdjustment](#) component within the [InstrumentLeg](#) component.

Type: [int](#)

Allowed values in BusinessDayConventionCodeSet:

Code	Name	Description
0	NotApplicable	Not applicable. Business day convention is not applicable.
1	None	None (current day)
2	FollowingDay	Following day. The following business day.
3	FloatingRateNote	Floating rate note. The FRN business day convention.
4	ModifiedFollowingDay	Modified following day. The modified following business day.
5	PrecedingDay	Preceding day. The preceding business day.
6	ModifiedPrecedingDay	Modified preceding day. The modified preceding business day.
7	NearestDay	Nearest day. The nearest applicable business day.

Used in components: [LegOptionExerciseExpiration](#)

### 170.2.1750 LegOptionExerciseExpirationDateGrp

The LegOptionExerciseExpirationDateGrp is a repeating subcomponent of the LegOptionExerciseExpiration component used to specify fixed dates for expiration.

Name	Mult.	Type	Description
<a href="#">NoLegOptionExerciseExpirationDates</a>	[1..1]	NumInGroup	
<a href="#">LegOptionExerciseExpirationDate</a>	[0..1]	LocalMktDate	Required if <a href="#">NoLegOptionExerciseExpirationDates</a> (41527) > 0.
<a href="#">LegOptionExerciseExpirationDateType</a>	[0..1]	CodeSet	When specified it applies not only to the current date but to all subsequent dates in the group until overridden with a new type.

Used in components: [LegOptionExerciseExpiration](#)

### 170.2.1751 LegOptionExerciseExpirationDateOffsetDayType

Specifies the day type of the relative option exercise expiration date offset.

Type: [int](#)

Allowed values in ComplexEventDateOffsetDayTypeCodeSet:

---

Code	Name	Description
0	Business	Business
1	Calendar	Calendar
2	CommodityBusiness	Commodity business
3	CurrencyBusiness	Currency business
4	ExchangeBusiness	Exchange business
5	ScheduledTradingDay	Scheduled trading day

---

Used in components: [LegOptionExerciseExpiration](#)

### **170.2.1752 LegOptionExerciseExpirationDateOffsetPeriod**

Time unit multiplier for the relative exercise expiration date offset.

Type: [int](#)

Used in components: [LegOptionExerciseExpiration](#)

### **170.2.1753 LegOptionExerciseExpirationDateOffsetUnit**

Time unit associated with the relative exercise expiration date offset.

Type: [String](#)

Allowed values in PaymentStreamPaymentDateOffsetUnitCodeSet:

---

Code	Name	Description
D	Day	Day
Wk	Week	Week
Mo	Month	Month
Yr	Year	Year

---

Used in components: [LegOptionExerciseExpiration](#)

### **170.2.1754 LegOptionExerciseExpirationDateRelativeTo**

Specifies the anchor date when the option exercise expiration date is relative to an anchor date.



See [http://www.fixtradingcommunity.org/codelists#Relative\\_To\\_Date](http://www.fixtradingcommunity.org/codelists#Relative_To_Date) for values.

Type: **int**

Used in components: **LegOptionExerciseExpiration**

### **170.2.1755 LegOptionExerciseExpirationDateType**

Specifies the type of option exercise expiration date. When specified it applies not only to the current date but to all subsequent dates in the group until overridden with a new type.

Type: **int**

Allowed values in OptionExerciseDateTypeCodeSet:

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	Unadjusted	Unadjusted
1	Adjusted	Adjusted

Used in groups: **LegOptionExerciseExpirationDateGrp**

### **170.2.1756 LegOptionExerciseExpirationFrequencyPeriod**

Time unit multiplier for the frequency of exercise expiration dates.

Type: **int**

Used in components: **LegOptionExerciseExpiration**

### **170.2.1757 LegOptionExerciseExpirationFrequencyUnit**

Time unit associated with the frequency of exercise expiration dates.

Type: **String**

Allowed values in ProtectionTermEventUnitCodeSet:

<b>Code</b>	<b>Name</b>	<b>Description</b>
D	Day	Day
Wk	Week	Week
Mo	Month	Month

---

Code	Name	Description
Yr	Year	Year

---

Used in components: [LegOptionExerciseExpiration](#)

### 170.2.1758 LegOptionExerciseExpirationRollConvention

The convention for determining the sequence of exercise expiration dates. It is used in conjunction with a specified frequency. Used only to override the roll convention defined in the LegDateAdjustment component in InstrumentLeg.

Type: [String](#)

Allowed values in DateRollConventionCodeSet:

---

Code	Name	Description
1	FirstDay	1st day of the month
2	SecondDay	2nd day of the month
3	ThirdDay	3rd day of the month
4	FourthDay	4th day of the month
5	FifthDay	5th day of the month
6	SixthDay	6th day of the month
7	SeventhDay	7th day of the month
8	EighthDay	8th day of the month
9	NinthDay	9th day of the month
10	TenthDay	10th day of the month
11	EleventhDay	11th day of the month
12	TwelfthDay	12th day of the month
13	ThirteenthDay	13th day of the month
14	FourteenthDay	14th day of the month
15	FifteenthDay	15th day of the month
16	SixteenthDay	16th day of the month
17	SeventeenthDay	17th day of the month
18	EighteenthDay	18th day of the month
19	NineteenthDay	19th day of the month
20	TwentiethDay	20th day of the month

---

Code	Name	Description
21	TwentyFirstDay	21st day of the month
22	TwentySecondDay	22nd day of the month
23	TwentyThirdDay	23rd day of the month
24	TwentyFourthDay	24th day of the month
25	TwentyFifthDay	25th day of the month
26	TwentySixthDay	26th day of the month
27	TwentySeventhDay	27th day of the month
28	TwentyEighthDay	28th day of the month
29	TwentyNinthDay	29th day of the month
30	ThirtiethDay	30th day of the month
EOM	EOM	The end of the month. Use EOM for 31st day of the month.
FRN	FRN	The floating rate note convention or Eurodollar convention.
IMM	IMM	The International Money Market settlement date, i.e. the 3rd Wednesday of the month.
IMMCAD	IMMCAD	The last trading day/expiration day of the Canadian Derivatives Exchange.
IMMAUD	IMMAUD	The last trading day of the Sydney Futures Exchange Australian 90-day bank accepted bill futures contract.
IMMNZD	IMMNZD	The last trading day of the Sydney Futures Exchange New Zealand 90-day bank bill futures contract.
SFE	SFE	The Sydney Futures Exchange 90-day bank accepted bill futures settlement dates.
NONE	NONE	No adjustment
TBILL	TBILL	The 13-week and 26-week U.S. Treasury Bill auction dates.
MON	MON	Monday
TUE	TUE	Tuesday
WED	WED	Wednesday
THU	THU	Thursday
FRI	FRI	Friday
SAT	SAT	Saturday
SUN	SUN	Sunday

Used in components: [LegOptionExerciseExpiration](#)

### **170.2.1759 LegOptionExerciseExpirationTime**

The option exercise expiration time.

Type: **LocalMktTime**

Used in components: **LegOptionExerciseExpiration**

### **170.2.1760 LegOptionExerciseExpirationTimeBusinessCenter**

The business center used to determine the locale for option exercise expiration time, e.g. "GBLO".

See <http://www.fpml.org/coding-scheme/business-center> for standard 4-character code values.

Type: **String**

Used in components: **LegOptionExerciseExpiration**

### **170.2.1761 LegOptionExerciseFirstDateUnadjusted**

The unadjusted first exercise date.

Type: **LocalMktDate**

Used in components: **LegOptionExerciseDates**

### **170.2.1762 LegOptionExerciseFrequencyPeriod**

Time unit multiplier for the frequency of exercise dates.

Type: **int**

Used in components: **LegOptionExerciseDates**

### **170.2.1763 LegOptionExerciseFrequencyUnit**

Time unit associated with the frequency of exercise dates.

Type: **String**

Allowed values in ProtectionTermEventUnitCodeSet:

Code	Name	Description
D	Day	Day
Wk	Week	Week
Mo	Month	Month
Yr	Year	Year

Used in components: [LegOptionExerciseDates](#)

#### 170.2.1764 LegOptionExerciseLastDateUnadjusted

The unadjusted last exercise date.

Type: [LocalMktDate](#)

Used in components: [LegOptionExerciseDates](#)

#### 170.2.1765 LegOptionExerciseLatestTime

The latest exercise time. See also [LegOptionExerciseEarliestTime\(41509\)](#).

Type: [LocalMktTime](#)

Used in components: [LegOptionExerciseDates](#)

#### 170.2.1766 LegOptionExerciseMakeWholeProvision

[LegOptionExerciseMakeWholeProvision](#) is a subcomponent of the [LegOptionExercise](#) component used to specify the set of rules of maintaining balance when an option is exercised.

Name	Mult.	Type	Description
<a href="#">LegMakeWholeDate</a>	[0..1]	<a href="#">LocalMktDate</a>	
<a href="#">LegMakeWholeAmount</a>	[0..1]	Amt	
<a href="#">LegMakeWholeBenchmarkCurveName</a>	[0..1]	String	
<a href="#">LegMakeWholeBenchmarkCurvePoint</a>	[0..1]	String	
<a href="#">LegMakeWholeRecallSpread</a>	[0..1]	<a href="#">PriceOffset</a>	
<a href="#">LegMakeWholeBenchmarkQuote</a>	[0..1]	<a href="#">CodeSet</a>	
<a href="#">LegMakeWholeInterpolationMethod</a>	[0..1]	<a href="#">CodeSet</a>	

Used in components: [LegOptionExercise](#)

### **170.2.1767 LegOptionExerciseNominationDeadline**

The last date (adjusted) for establishing the option exercise terms.

Type: [LocalMktDate](#)

Used in components: [LegOptionExerciseDates](#)

### **170.2.1768 LegOptionExerciseSkip**

The number of periods in the referenced date schedule that are between each date in the relative date schedule. Thus a skip of 2 would mean that dates are relative to every second date in the referenced schedule. If present this should have a value greater than 1.

Type: [int](#)

Used in components: [LegOptionExerciseDates](#)

### **170.2.1769 LegOptionExerciseStartDateAdjusted**

The adjusted start date for calculating periodic exercise dates.

Type: [LocalMktDate](#)

Used in components: [LegOptionExerciseDates](#)

### **170.2.1770 LegOptionExerciseStartDateOffsetDayType**

Specifies the day type of the relative option exercise start date offset.

Type: [int](#)

Allowed values in [PaymentStreamPaymentDateOffsetDayTypeCodeSet](#):

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	Business	Business
1	Calendar	Calendar
2	CommodityBusiness	Commodity business
3	CurrencyBusiness	Currency business

---

---

Code	Name	Description
4	ExchangeBusiness	Exchange business
5	ScheduledTradingDay	Scheduled trading day

---

Used in components: [LegOptionExerciseDates](#)

### **170.2.1771 LegOptionExerciseStartDateOffsetPeriod**

Time unit multiplier for the relative exercise start date offset.

Type: [int](#)

Used in components: [LegOptionExerciseDates](#)

### **170.2.1772 LegOptionExerciseStartDateOffsetUnit**

Time unit associated with the relative exercise start date offset.

Type: [String](#)

Allowed values in PaymentStreamPaymentDateOffsetUnitCodeSet:

---

Code	Name	Description
D	Day	Day
Wk	Week	Week
Mo	Month	Month
Yr	Year	Year

---

Used in components: [LegOptionExerciseDates](#)

### **170.2.1773 LegOptionExerciseStartDateRelativeTo**

Specifies the anchor date when the option exercise start date is relative to an anchor date.

See [http://www.fixtradingcommunity.org/codelists#Relative\\_To\\_Date](http://www.fixtradingcommunity.org/codelists#Relative_To_Date) for values.

Type: [int](#)

Used in components: [LegOptionExerciseDates](#)

#### **170.2.1774 LegOptionExerciseStartDateUnadjusted**

The unadjusted start date for calculating periodic exercise dates.

Type: **LocalMktDate**

Used in components: **LegOptionExerciseDates**

#### **170.2.1775 LegOptionExerciseTimeBusinessCenter**

The business center used to determine the locale for option exercise time, e.g. "GBLO".

See <http://www.fpml.org/coding-scheme/business-center> for standard 4-character code values.

Type: **String**

Used in components: **LegOptionExerciseDates**

#### **170.2.1776 LegOptionExpirationDesc**

Description of the option expiration.

Type: **String**

Used in components: **InstrumentLeg**

#### **170.2.1777 LegOptionRatio**

Expresses the risk of an option leg

Value must be between -1 and 1.

A Call Option will require a ratio value between 0 and 1

A Put Option will require a ratio value between -1 and 0

Type: **float**

Used in components: **InstrumentLeg**

#### **170.2.1778 LegOptionsExchangeDividendsIndicator**

Indicates whether option exchange dividends are applicable.

Type: **Boolean**

Used in components: **LegDividendConditions**



**170.2.1779 LegOptPayoutAmount**

Cash amount indicating the pay out associated with an option. For binary options this is a fixed amount.

Type: **Amt**

Used in components: **InstrumentLeg**

**170.2.1780 LegOptPayoutType**

Indicates the type of valuation method or trigger payout for an in-the-money option.

Type: **int**

Allowed values in OptPayoutTypeCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
1	Vanilla	Vanilla
2	Capped	Capped
3	Binary	Digital (Binary)
4	Asian	Asian
5	Barrier	Barrier
6	DigitalBarrier	Digital Barrier
7	Lookback	Lookback
8	OtherPathDependent	Other path dependent
99	Other	Other

---

Used in components: **InstrumentLeg**

**170.2.1781 LegOrderQty**

Quantity ordered of this leg.

See OrderQty (38) for description and valid values

Type: **Qty**

Used in groups: **InstrmtLegExecGrp, LegOrdGrp, LegQuotGrp, LegQuotStatGrp, QuotReqLegsGrp, SideCrossLegGrp, TrdInstrmtLegExecGrp, TrdInstrmtLegGrp**

**170.2.1782 LegOrdGrp**

<b>Name</b>	<b>Mult.</b>	<b>Type</b>	<b>Description</b>
NoLegs	[1..1]	NumInGroup	
InstrumentLeg	[0..1]	Component	Required if NoLegs(555) > 0.
LegOrderQty	[0..1]	Qty	Quantity ordered for this leg as provided during order entry.
LegQty	[0..1]	Qty	The LegQty(687) field is deprecated. The use of LegOrderQty(685) is recommended instead.
LegSwapType	[0..1]	CodeSet	Instead of LegOrderQty(685) requests that the sellside calculate LegOrderQty(685) based on opposite Leg.
LegStipulations	[0..*]	Group	
LegAllocID	[0..1]	String	
LegPreAllocGrp	[0..*]	Group	
LegAccount	[0..1]	String	
LegClearingAccountType	[0..1]	CodeSet	Provide if different from the value specified for the overall multileg security in ClearingAccountType(1816) in the Instrument component.
LegPositionEffect	[0..1]	CodeSet	Provide if different from the value specified for the overall multileg security in PositionEffect(77) in the Instrument component.
LegCoveredOrUncovered	[0..1]	CodeSet	Provide if different from the value specified for the overall multileg security in CoveredOrUncovered(203) in the Instrument component
NestedParties	[0..*]	Group	
LegRefID	[0..1]	String	Use of LegRefID(654) in this component is deprecated. Recommend the use of LegID(1788) in the InstrumentLeg component.
LegSettlType	[0..1]	CodeSet	
LegSettlDate	[0..1]	LocalMktDate	
LegSettlCurrency	[0..1]	Currency	
LegSettlCurrencyCodeSource	[0..1]	CodeSet	
LegVolatility	[0..1]	float	
LegDividendYield	[0..1]	Percentage	
LegCurrencyRatio	[0..1]	float	
LegExecInst	[0..1]	CodeSet	

---

Name	Mult.	Type	Description
<a href="#">LegShortSaleExemptionReason</a>	[0..1]	CodeSet	Available for optional use when LegSide(624) = 6 (Sell short exempt) in InstrumentLeg component.

---

Used in messages: [MultilegOrderCancelReplace](#), [NewOrderMultileg](#), [PartyRiskLimitCheckRequest](#), [PartyRiskLimitCheckRequestAck](#)

### **170.2.1783 LegOriginalNotionalPercentageOutstanding**

Used to reflect the Original value prior to the application of a credit event. See LegNotionalPercentageOutstanding(2151).

Type: [Percentage](#)

Used in components: [InstrumentLeg](#)

### **170.2.1784 LegPaymentScheduleCurrency**

The currency for this step schedule. Uses ISO 4217 currency codes.

Type: [Currency](#)

Used in groups: [LegPaymentScheduleGrp](#)

### **170.2.1785 LegPaymentScheduleEndDateUnadjusted**

The unadjusted end date of a cashflow payment.

Type: [LocalMktDate](#)

Used in groups: [LegPaymentScheduleGrp](#)

### **170.2.1786 LegPaymentScheduleFixedAmount**

The explicit payment amount for this step schedule.

Type: [Amt](#)

Used in groups: [LegPaymentScheduleGrp](#)

**170.2.1787 LegPaymentScheduleFixedCurrency**

The currency of the fixed amount. Uses ISO 4217 currency codes.

Type: **Currency**

Used in groups: **LegPaymentScheduleGrp**

**170.2.1788 LegPaymentScheduleFixingDateAdjusted**

The adjusted fixing date.

Type: **LocalMktDate**

Used in groups: **LegPaymentScheduleGrp**

**170.2.1789 LegPaymentScheduleFixingDateBusinessCenter**

The business center calendar used to adjust the payment schedule's fixing date, e.g. "GBLO".

See <http://www.fpml.org/coding-scheme/business-center> for standard 4-character code values.

Type: **String**

Used in groups: **LegPaymentScheduleFixingDateBusinessCenterGrp**

**170.2.1790 LegPaymentScheduleFixingDateBusinessCenterGrp**

LegPaymentScheduleFixingDateBusinessCenterGrp is a repeating subcomponent within the LegPaymentScheduleGrp component. It is used to specify the set of business centers whose calendars drive the date adjustment. Used only to override the business centers defined in the LegDateAdjustment component in InstrumentLeg.

---

<b>Name</b>	<b>Mult.</b>	<b>Type</b>	<b>Description</b>
<b>NoLegPaymentScheduleFixingDateBusinessCenters</b>	[1..1]	NumInGroup	
<b>LegPaymentScheduleFixingDateBusinessCenter</b>	[0..1]	String	Required if NoLegPaymentScheduleFixingDateBusinessCenters(40927) > 0.

---

Used in groups: **LegPaymentScheduleGrp**

**170.2.1791 LegPaymentScheduleFixingDateBusinessDayConvention**

The business day convention used to adjust the payment schedule's fixing date. Used only to override the business day convention specified in the LegDateAdjustment component within the InstrumentLeg component.

Type: **int**

Allowed values in BusinessDayConventionCodeSet:

Code	Name	Description
0	NotApplicable	Not applicable. Business day convention is not applicable.
1	None	None (current day)
2	FollowingDay	Following day. The following business day.
3	FloatingRateNote	Floating rate note. The FRN business day convention.
4	ModifiedFollowingDay	Modified following day. The modified following business day.
5	PrecedingDay	Preceding day. The preceding business day.
6	ModifiedPrecedingDay	Modified preceding day. The modified preceding business day.
7	NearestDay	Nearest day. The nearest applicable business day.

Used in groups: **LegPaymentScheduleGrp**

**170.2.1792 LegPaymentScheduleFixingDateOffsetDayType**

Specifies the day type of the relative fixing date offset.

Type: **int**

Allowed values in PaymentStreamPaymentDateOffsetDayTypeCodeSet:

Code	Name	Description
0	Business	Business
1	Calendar	Calendar
2	CommodityBusiness	Commodity business
3	CurrencyBusiness	Currency business
4	ExchangeBusiness	Exchange business
5	ScheduledTradingDay	Scheduled trading day

Used in groups: **LegPaymentScheduleGrp**

**170.2.1793 LegPaymentScheduleFixingDateOffsetPeriod**

Time unit multiplier for the relative fixing date offset.

Type: **int**

Used in groups: **LegPaymentScheduleGrp**

**170.2.1794 LegPaymentScheduleFixingDateOffsetUnit**

Time unit associated with the relative fixing date offset.

Type: **String**

Allowed values in PaymentStreamPaymentDateOffsetUnitCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
D	Day	Day
Wk	Week	Week
Mo	Month	Month
Yr	Year	Year

---

Used in groups: **LegPaymentScheduleGrp**

**170.2.1795 LegPaymentScheduleFixingDateRelativeTo**

Specifies the anchor date when the fixing date is relative to an anchor date.

See [http://www.fixtradingcommunity.org/codelists#Relative\\_To\\_Date](http://www.fixtradingcommunity.org/codelists#Relative_To_Date) for values.

Type: **int**

Used in groups: **LegPaymentScheduleGrp**

**170.2.1796 LegPaymentScheduleFixingDateUnadjusted**

The unadjusted fixing date.

Type: **LocalMktDate**

Used in groups: **LegPaymentScheduleGrp**

**170.2.1797 LegPaymentScheduleFixingDayCount**

The number of days over which fixing should take place.

Type: **int**

Used in groups: **LegPaymentScheduleGrp**

**170.2.1798 LegPaymentScheduleFixingDayDistribution**

The distribution of fixing days.

Type: **int**

Allowed values in PaymentStreamPricingDayDistributionCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	All	All
1	First	First
2	Last	Last
3	Penultimate	Penultimate

---

Used in groups: **LegPaymentScheduleGrp**

**170.2.1799 LegPaymentScheduleFixingDayGrp**

The LegPaymentScheduleFixingDayGrp is a repeating subcomponent of the LegPaymentScheduleGrp component used to detail periodic fixing days.

---

<b>Name</b>	<b>Mult.</b>	<b>Type</b>	<b>Description</b>
<b>NoLegPaymentScheduleFixingDays</b>	[1..1]	NumInGroup	
<b>LegPaymentScheduleFixingDay-OfWeek</b>	[0..1]	CodeSet	Required if NoLegPaymentScheduleFixingDays(41530) > 0.
<b>LegPaymentScheduleFixingDayNum-ber</b>	[0..1]	int	

---

Used in groups: **LegPaymentScheduleGrp**

**170.2.1800 LegPaymentScheduleFixingDayNumber**

The occurrence of the day of week on which fixing takes place.

Type: **int**

Used in groups: **LegPaymentScheduleFixingDayGrp**

**170.2.1801 LegPaymentScheduleFixingDayOfWeek**

The day of the week on which fixing takes place.

Type: **int**

Allowed values in PaymentStreamPricingDayOfWeekCodeSet:

Code	Name	Description
0	EveryDay	Every day (the default if not specified)
1	Monday	Monday
2	Tuesday	Tuesday
3	Wednesday	Wednesday
4	Thursday	Thursday
5	Friday	Friday
6	Saturday	Saturday
7	Sunday	Sunday

Used in groups: **LegPaymentScheduleFixingDayGrp**

**170.2.1802 LegPaymentScheduleFixingFirstObservationDateOffsetPeriod**

Time unit multiplier for the relative first observation date offset.

Type: **int**

Used in groups: **LegPaymentScheduleGrp**

**170.2.1803 LegPaymentScheduleFixingFirstObservationDateOffsetUnit**

Time unit associated with the relative first observation date offset.

Type: **String**



Allowed values in PaymentStreamPaymentDateOffsetUnitCodeSet:

Code	Name	Description
D	Day	Day
Wk	Week	Week
Mo	Month	Month
Yr	Year	Year

Used in groups: [LegPaymentScheduleGrp](#)

#### **170.2.1804 LegPaymentScheduleFixingLagPeriod**

Time unit multiplier for the fixing lag duration.

Type: [int](#)

Used in groups: [LegPaymentScheduleGrp](#)

#### **170.2.1805 LegPaymentScheduleFixingLagUnit**

Time unit associated with the fixing lag duration.

Type: [String](#)

Allowed values in PaymentStreamInflationLagUnitCodeSet:

Code	Name	Description
D	Day	Day
Wk	Week	Week
Mo	Month	Month
Yr	Year	Year

Used in groups: [LegPaymentScheduleGrp](#)

#### **170.2.1806 LegPaymentScheduleFixingTime**

The fixing time associated with the step schedule.

Type: [LocalMktTime](#)

Used in groups: [LegPaymentScheduleGrp](#)

**170.2.1807 LegPaymentScheduleFixingTimeBusinessCenter**

Business center for determining fixing time.

See <http://www.fpml.org/coding-scheme/business-center> for standard 4-character code values.

Type: **String**

Used in groups: **LegPaymentScheduleGrp**

**170.2.1808 LegPaymentScheduleGrp**

The LegPaymentScheduleGrp is a repeating subcomponent of the LegPaymentStream component used to specify notional and rate steps in the payment stream.

Name	Mult.	Type	Description
NoLegPaymentSchedules	[1..1]	NumInGroup	
LegPaymentScheduleType	[0..1]	CodeSet	Required if NoLegPaymentSchedules(40374) > 0.
LegPaymentScheduleXID	[0..1]	XID	
LegPaymentScheduleXIDRef	[0..1]	XIDREF	
LegPaymentScheduleStubType	[0..1]	CodeSet	
LegPaymentScheduleStartDateUnadjusted	[0..1]	LocalMktDate	
LegPaymentScheduleEndDateUnadjusted	[0..1]	LocalMktDate	
LegPaymentSchedulePaySide	[0..1]	CodeSet	
LegPaymentScheduleReceiveSide	[0..1]	CodeSet	
LegPaymentScheduleNotional	[0..1]	Amt	
LegPaymentScheduleCurrency	[0..1]	Currency	
LegPaymentScheduleRate	[0..1]	Percentage	
LegPaymentScheduleRateMultiplier	[0..1]	float	
LegPaymentScheduleRateSpread	[0..1]	PriceOffset	
LegPaymentScheduleRateCurrency	[0..1]	Currency	
LegPaymentScheduleRateUnitOfMeasure	[0..1]	CodeSet	
LegPaymentScheduleRateConversionFactor	[0..1]	float	
LegPaymentScheduleRateSpreadType	[0..1]	CodeSet	

Name	Mult.	Type	Description
LegPaymentScheduleRateSpreadPositionType	[0..1]	CodeSet	
LegPaymentScheduleRateTreatment	[0..1]	CodeSet	
LegPaymentScheduleFixedAmount	[0..1]	Amt	
LegPaymentScheduleFixedCurrency	[0..1]	Currency	
LegPaymentScheduleSettlPeriodPrice	[0..1]	Price	
LegPaymentScheduleSettlPeriodPrice-Currency	[0..1]	Currency	
LegPaymentScheduleSettlPeriodPrice-UnitOfMeasure	[0..1]	CodeSet	
LegPaymentScheduleStepUnitOfMeasure	[0..1]	CodeSet	
LegPaymentScheduleStepFrequencyPeriod	[0..1]	int	Conditionally required when LegPaymentScheduleStepFrequencyUnit(40391) is specified.
LegPaymentScheduleStepFrequencyUnit	[0..1]	CodeSet	Conditionally required when LegPaymentScheduleStepFrequencyPeriod(40390) is specified.
LegPaymentScheduleStepOffsetValue	[0..1]	Amt	
LegPaymentScheduleStepRate	[0..1]	Percentage	
LegPaymentScheduleStepOffsetRate	[0..1]	Percentage	
LegPaymentScheduleStepRelativeTo	[0..1]	CodeSet	
LegPaymentScheduleRateSourceGrp	[0..*]	Group	
LegPaymentScheduleFixingDateUnadjusted	[0..1]	LocalMktDate	
LegPaymentScheduleWeight	[0..1]	float	
LegPaymentScheduleFixingDateRelativeTo	[0..1]	int	
LegPaymentScheduleFixingDateBusinessDayConvention	[0..1]	CodeSet	When specified, this overrides the business day convention defined in the LegDateAdjustment component in InstrumentLeg. The specified value would be specific to this instance of the leg payment schedule.
LegPaymentScheduleFixingDateBusinessCenterGrp	[0..*]	Group	When specified, this overrides the business centers defined in the LegDateAdjustment component in InstrumentLeg. The specified values would be specific to this instance of the leg payment schedule.

Name	Mult.	Type	Description
LegPaymentScheduleFixingDateOffset-Period	[0..1]	int	Conditionally required when LegPaymentScheduleFixingDatesOffsetUnit(40402) is specified.
LegPaymentScheduleFixingDateOffsetUnit	[0..1]	CodeSet	Conditionally required when LegPaymentScheduleFixingDatesOffsetPeriod(40401) is specified.
LegPaymentScheduleFixingDateOffset-DayType	[0..1]	CodeSet	
LegPaymentScheduleFixingDayDistribution	[0..1]	CodeSet	
LegPaymentScheduleFixingDayCount	[0..1]	int	
LegPaymentScheduleFixingDateAdjusted	[0..1]	LocalMktDate	
LegPaymentScheduleFixingDayGrp	[0..*]	Group	
LegPaymentScheduleFixingLagPeriod	[0..1]	int	Conditionally required when LegPaymentScheduleFixingLagUnit(41546) is specified.
LegPaymentScheduleFixingLagUnit	[0..1]	CodeSet	Conditionally required when LegPaymentScheduleFixingLagPeriod(41545) is specified.
LegPaymentScheduleFixingFirstObservationDateOffsetPeriod	[0..1]	int	Conditionally required when LegPaymentScheduleFixingFirstObservationDateOffsetUnit(41548) is specified.
LegPaymentScheduleFixingFirstObservationDateOffsetUnit	[0..1]	CodeSet	Conditionally required when LegPaymentScheduleFixingFirstObservationDateOffsetPeriod(41547) is specified.
LegPaymentScheduleFixingTime	[0..1]	LocalMktTime	
LegPaymentScheduleFixingTimeBusinessCenter	[0..1]	String	
LegPaymentScheduleInterimExchangePaymentDateRelativeTo	[0..1]	int	
LegPaymentScheduleInterimExchangeDatesBusinessDayConvention	[0..1]	CodeSet	When specified, this overrides the business day convention defined in the LegDateAdjustment component in InstrumentLeg. The specified value would be specific to this instance of the leg payment schedule.
LegPaymentScheduleInterimExchangeDateBusinessCenterGrp	[0..*]	Group	When specified, this overrides the business centers defined in the LegDateAdjustment component in InstrumentLeg. The specified values would be specific to this instance of the leg payment schedule.

Name	Mult.	Type	Description
LegPaymentScheduleInterimExchangeDatesOffsetPeriod	[0..1]	int	Conditionally required when LegPaymentScheduleInterimExchangeDatesOffsetUnit(40411) is specified.
LegPaymentScheduleInterimExchangeDatesOffsetUnit	[0..1]	CodeSet	Conditionally required when LegPaymentScheduleInterimExchangeDatesOffsetPeriod(40410) is specified.
LegPaymentScheduleInterimExchangeDatesOffsetDayType	[0..1]	CodeSet	
LegPaymentScheduleInterimExchangeDateAdjusted	[0..1]	LocalMktDate	

Used in groups: [LegStreamGrp](#)

### 170.2.1809 LegPaymentScheduleInterimExchangeDateAdjusted

The adjusted interim exchange date.

Type: [LocalMktDate](#)

Used in groups: [LegPaymentScheduleGrp](#)

### 170.2.1810 LegPaymentScheduleInterimExchangeDateBusinessCenterGrp

LegPaymentScheduleInterimExchangeDateBusinessCenterGrp is a repeating subcomponent within the LegPaymentScheduleGrp component. It is used to specify the set of business centers whose calendars drive the date adjustment. Used only to override the business centers defined in the LegDateAdjustment component in InstrumentLeg.

Name	Mult.	Type	Description
NoLegPaymentScheduleInterimExchangeDateBusinessCenters	[1..1]	NumInGroup	
LegPaymentScheduleInterimExchangeDatesBusinessCenter	[0..1]	String	Required if NoLegPaymentScheduleInterimExchangeDateBusinessCenters(40928) > 0.

Used in groups: [LegPaymentScheduleGrp](#)

**170.2.1811 LegPaymentScheduleInterimExchangeDatesBusinessCenter**

The business center calendar used to adjust the payment schedule's interim exchange date, e.g. "GBLO".

See <http://www.fpml.org/coding-scheme/business-center> for standard 4-character code values.

Type: **String**

Used in groups: **LegPaymentScheduleInterimExchangeDateBusinessCenterGrp**

**170.2.1812 LegPaymentScheduleInterimExchangeDatesBusinessDayConvention**

The business day convention used to adjust the payment schedule's interim exchange date. Used only to override the business day convention specified in the LegDateAdjustment component within the InstrumentLeg component.

Type: **int**

Allowed values in BusinessDayConventionCodeSet:

Code	Name	Description
0	NotApplicable	Not applicable. Business day convention is not applicable.
1	None	None (current day)
2	FollowingDay	Following day. The following business day.
3	FloatingRateNote	Floating rate note. The FRN business day convention.
4	ModifiedFollowingDay	Modified following day. The modified following business day.
5	PrecedingDay	Preceding day. The preceding business day.
6	ModifiedPrecedingDay	Modified preceding day. The modified preceding business day.
7	NearestDay	Nearest day. The nearest applicable business day.

Used in groups: **LegPaymentScheduleGrp**

**170.2.1813 LegPaymentScheduleInterimExchangeDatesOffsetDayType**

Specifies the day type of the relative interim exchange date offset.

Type: **int**

Allowed values in PaymentStreamPaymentDateOffsetDayTypeCodeSet:

---

Code	Name	Description
0	Business	Business
1	Calendar	Calendar
2	CommodityBusiness	Commodity business
3	CurrencyBusiness	Currency business
4	ExchangeBusiness	Exchange business
5	ScheduledTradingDay	Scheduled trading day

---

Used in groups: [LegPaymentScheduleGrp](#)

#### **170.2.1814 LegPaymentScheduleInterimExchangeDatesOffsetPeriod**

Time unit multiplier for the relative interim exchange date offset.

Type: [int](#)

Used in groups: [LegPaymentScheduleGrp](#)

#### **170.2.1815 LegPaymentScheduleInterimExchangeDatesOffsetUnit**

Time unit associated with the relative interim exchange date offset.

Type: [String](#)

Allowed values in PaymentStreamPaymentDateOffsetUnitCodeSet:

---

Code	Name	Description
D	Day	Day
Wk	Week	Week
Mo	Month	Month
Yr	Year	Year

---

Used in groups: [LegPaymentScheduleGrp](#)

#### **170.2.1816 LegPaymentScheduleInterimExchangePaymentDateRelativeTo**

Specifies the anchor date when the interim exchange payment date is relative to an anchor date.

See [http://www.fixtradingcommunity.org/codelists#Relative\\_To\\_Date](http://www.fixtradingcommunity.org/codelists#Relative_To_Date) for values.

Type: **int**

Used in groups: **LegPaymentScheduleGrp**

#### **170.2.1817 LegPaymentScheduleNotional**

The notional value for this step schedule, or amount of a cashflow payment.

Type: **Amt**

Used in groups: **LegPaymentScheduleGrp**

#### **170.2.1818 LegPaymentSchedulePaySide**

The side of the party paying the step schedule.

Type: **int**

Allowed values in PaymentPaySideCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
1	Buy	Buy
2	Sell	Sell

---

Used in groups: **LegPaymentScheduleGrp**

#### **170.2.1819 LegPaymentScheduleRate**

The rate value for this step schedule.

Type: **Percentage**

Used in groups: **LegPaymentScheduleGrp**

#### **170.2.1820 LegPaymentScheduleRateConversionFactor**

The number multiplied by the derived floating rate of the leg's payment schedule in order to arrive at the payment rate. If omitted, the schedule rate conversion factor is 1.

Type: **float**

Used in groups: **LegPaymentScheduleGrp**



**170.2.1821 LegPaymentScheduleRateCurrency**

The currency of the schedule rate. Uses ISO 4217 currency codes.

Type: **Currency**

Used in groups: **LegPaymentScheduleGrp**

**170.2.1822 LegPaymentScheduleRateMultiplier**

A rate multiplier to apply to the floating rate. The multiplier can be less than or greater than 1 (one). This element should only be included if the multiplier is not equal to 1 (one) for the term of the stream.

Type: **float**

Used in groups: **LegPaymentScheduleGrp**

**170.2.1823 LegPaymentScheduleRateSource**

Identifies the source of rate information.

Type: **int**

Allowed values in RateSourceCodeSet:

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	Bloomberg	Bloomberg
1	Reuters	Reuters
2	Telerate	Telerate
3	ISDARateOption	ISDA Settlement Rate Option. The source of the currency conversion as specified by the ISDA terms in Annex A to the 1998 FX and Currency Option Definitions. See <a href="http://www.fpml.org/coding-scheme/settlement-rate-option">http://www.fpml.org/coding-scheme/settlement-rate-option</a>
99	Other	Other

Used in groups: **LegPaymentScheduleRateSourceGrp**

**170.2.1824 LegPaymentScheduleRateSourceGrp**

LegPaymentScheduleRateSourceGrp is a repeating component within the LegPaymentScheduleGrp component used to identify primary and secondary rate sources.

Name	Mult.	Type	Description
NoLegPaymentScheduleRateSources	[1..1]	NumInGroup	
LegPaymentScheduleRateSource	[0..1]	CodeSet	Required if NoLegPaymentScheduleRateSources(40414) > 0.
LegPaymentScheduleRateSourceType	[0..1]	CodeSet	Required if NoLegPaymentScheduleRateSources(40414) > 0.
LegPaymentScheduleReferencePage	[0..1]	String	Conditionally required when LegPaymentScheduleRateSource(40415) = 99 (Other).

Used in groups: [LegPaymentScheduleGrp](#)

### 170.2.1825 LegPaymentScheduleRateSourceType

Rate source type.

Type: [int](#)

Allowed values in RateSourceTypeCodeSet:

Code	Name	Description
0	Primary	Primary
1	Secondary	Secondary

Used in groups: [LegPaymentScheduleRateSourceGrp](#)

### 170.2.1826 LegPaymentScheduleRateSpread

The spread value for this step schedule.

Type: [PriceOffset](#)

Used in groups: [LegPaymentScheduleGrp](#)

### 170.2.1827 LegPaymentScheduleRateSpreadPositionType

Identifies whether the rate spread is applied to a long or a short position.

Type: [int](#)

Allowed values in PaymentStreamRateSpreadPositionTypeCodeSet:

Code	Name	Description
0	Short	Short
1	Long	Long

Used in groups: [LegPaymentScheduleGrp](#)

### 170.2.1828 LegPaymentScheduleRateSpreadType

Identifies whether the rate spread is an absolute value to be added to the index rate or a percentage of the index rate.

Type: [int](#)

Allowed values in PaymentStreamRateSpreadTypeCodeSet:

Code	Name	Description
0	Absolute	Absolute
1	Percentage	Percentage

Used in groups: [LegPaymentScheduleGrp](#)

### 170.2.1829 LegPaymentScheduleRateTreatment

Specifies the yield calculation treatment for the step schedule.

Type: [int](#)

Allowed values in PaymentStreamRateTreatmentCodeSet:

Code	Name	Description
0	BondEquivalentYield	Bond equivalent yield
1	MoneyMarketYield	Money market yield

Used in groups: [LegPaymentScheduleGrp](#)

**170.2.1830 LegPaymentScheduleRateUnitOfMeasure**

The schedule rate unit of measure (UOM).

Type: **String**

Allowed values in UnitOfMeasureCodeSet:

<b>Code</b>	<b>Name</b>	<b>Description</b>
Alw	Allowances	Allowances
Bcf	BillionCubicFeet	Billion cubic feet
Bbl	Barrels	Barrels. Equal to 42 US gallons
CBM	CubicMeters	Cubic Meters
BDFT	BoardFeet	Board feet. Equal to 144 cubic inches
GJ	Gigajoules	gigajoules
Bu	Bushels	Bushels
kHR	HeatRate	Heat rate. The number of BTUs required to produce one kilowatt hour of electricity, typically 3,412.14 BTUs per 1 kWh.
Ccy	Currency	Amount of currency
kWh	KilowattHours	Kilowatt hours
CDD	CoolingDegreeDay	Cooling degree day
MHR	MegaHeatRate	Mega heat rate. The number of million BTUs required to produce one megawatt hour of electricity, typically 3.41214 million BTUs per 1 MWh.
CER	CertifiedEmissionsReduction	Certified emissions reduction
MMBtu	OneMillionBTU	One Million BTU
CPD	CriticalPrecipDay	Critical precipitation day
MWh	MegawattHours	Megawatt hours
CRT	ClimateReserveTonnes	Climate reserve tonnes
thm	Therms	therms. Equal to 100,000 BTU
cwt	Hundredweight	Hundredweight(US). Equal to 100 lbs
tnCO2	TonsOfCarbonDioxide	Tons of carbon dioxide
day	Day	Days
dt	DryMetricTons	Dry metric tons
EnvAllwnc	EnvAllwncCert	Environmental allowance certificates
EnvCrd	EnvironmentalCredit	Environmental credit
EnvOfst	EnvironmentalOffset	Environmental Offset
g	Grams	Grams

<b>Code</b>	<b>Name</b>	<b>Description</b>
Gal	Gallons	Gallons
GT	GrossTons	Gross tons. Also known as long tons or imperial tons, equal to 2240 lbs
HDD	HeatingDegreeDay	Heating degree day
IPNT	IndexPoint	Index point
kg	Kilograms	Kilograms
kL	Kiloliters	kiloliters
kW-a	KilowattYear	Kilowatt year (electrical capacity)
kW-d	KilowattDay	Kilowatt day (electrical capacity)
kW-h	KilowattHour	Kilowatt hour (electrical capacity)
kW-M	KilowattMonth	Kilowatt month (electrical capacity)
kW-min	KilowattMinute	Kilowatt-Minute (electrical capacity)
L	Liters	liters
lbs	Pounds	pounds
MW-a	MegawattYear	Megawatt year (electrical capacity)
MW-d	MegawattDay	Megawatt day (electrical capacity)
MW-h	MegawattHour	Megawatt hour (electrical capacity)
MW-M	MegawattMonth	Megawatt month (electrical capacity)
MW-min	MegawattMinute	Megawatt minute (electrical capacity)
oz_tr	TroyOunces	Troy ounces
PRINC	PrincipalWithRelationToDebtInstrument	Principal with relation to debt instrument
t	MetricTons	Metric tons. Also known as Tonnes, equal to 1000 kg
tn	Tons	Tons (US). Equal to 2000 lbs
a	Are	Are
ac	Acre	Acre
cL	Centiliter	Centiliter
cM	Centimeter	Centimeter
DGE	DieselGallonEquivalent	Diesel gallon equivalent
ft	Foot	Foot
Gal_gb	GBGallon	GB Gallon
GGE	GasolineGallonEquivalent	Gasonline gallon equivalent
ha	Hectare	Hectare
in	Inch	Inch
kM	Kilometer	Kilometer

Code	Name	Description
M	Meter	Meter
mi	Mile	Mile
mL	Milliliter	Milliliter
mM	Millimeter	Millimeter
oz	USOunce	US ounce
pc	Piece	Piece
pt	USPint	US Pint
pt_gb	GBPint	GB pint
qt	USQuart	US Quart
qt_gb	GBQuart	GB Quart
SqcM	SquareCentimeter	Square centimeter
Sqft	SquareFoot	Square foot
Sqin	SquareInch	Square inch
SqkM	SquareKilometer	Square kilometer
SqM	SquareMeter	Square meter
Sqmi	SquareMile	Square mile
SqmM	SquareMillimeter	Square millimeter
Sqyd	SquareYard	Square yard
yd	Yard	Yard
MMbbl	MillionBarrels	Million Barrels
USD	USDollars	US Dollars

Used in groups: [LegPaymentScheduleGrp](#)

### 170.2.1831 LegPaymentScheduleReceiveSide

The side of the party receiving the step schedule.

Type: [int](#)

Allowed values in PaymentPaySideCodeSet:

Code	Name	Description
1	Buy	Buy
2	Sell	Sell

Used in groups: [LegPaymentScheduleGrp](#)

### **170.2.1832 LegPaymentScheduleReferencePage**

Identifies the reference "page" from the rate source.

For FX, the reference page to the spot rate to be used for the reference FX spot rate.

When RateSource(1446) = 3 (ISDA Settlement Rate Option) this contains the value from the scheme that reflects the terms of the Annex A to the ISDA 1998 FX and Currency Option Definitions. See: <http://www.fpml.org/coding-scheme/settlement-rate-option>

Type: [String](#)

Used in groups: [LegPaymentScheduleRateSourceGrp](#)

### **170.2.1833 LegPaymentScheduleSettlPeriodPrice**

The schedule settlement period price.

Type: [Price](#)

Used in groups: [LegPaymentScheduleGrp](#)

### **170.2.1834 LegPaymentScheduleSettlPeriodPriceCurrency**

The currency of the schedule settlement period price. Uses ISO 4217 currency codes.

Type: [Currency](#)

Used in groups: [LegPaymentScheduleGrp](#)

### **170.2.1835 LegPaymentScheduleSettlPeriodPriceUnitOfMeasure**

The settlement period price unit of measure (UOM).

Type: [String](#)

Allowed values in UnitOfMeasureCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
Alw	Allowances	Allowances
Bcf	BillionCubicFeet	Billion cubic feet

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
Bbl	Barrels	Barrels. Equal to 42 US gallons
CBM	CubicMeters	Cubic Meters
BDFT	BoardFeet	Board feet. Equal to 144 cubic inches
GJ	Gigajoules	gigajoules
Bu	Bushels	Bushels
kHR	HeatRate	Heat rate. The number of BTUs required to produce one kilowatt hour of electricity, typically 3,412.14 BTUs per 1 kWh.
Ccy	Currency	Amount of currency
kWh	KilowattHours	Kilowatt hours
CDD	CoolingDegreeDay	Cooling degree day
MHR	MegaHeatRate	Mega heat rate. The number of million BTUs required to produce one megawatt hour of electricity, typically 3.41214 million BTUs per 1 MWh.
CER	CertifiedEmissionsReduction	Certified emissions reduction
MMBtu	OneMillionBTU	One Million BTU
CPD	CriticalPrecipDay	Critical precipitation day
MWh	MegawattHours	Megawatt hours
CRT	ClimateReserveTonnes	Climate reserve tonnes
thm	Therms	therms. Equal to 100,000 BTU
cwt	Hundredweight	Hundredweight(US). Equal to 100 lbs
tnCO2	TonsOfCarbonDioxide	Tons of carbon dioxide
day	Day	Days
dt	DryMetricTons	Dry metric tons
EnvAllwnc	EnvAllwncCert	Environmental allowance certificates
EnvCrd	EnvironmentalCredit	Environmental credit
EnvOfst	EnvironmentalOffset	Environmental Offset
g	Grams	Grams
Gal	Gallons	Gallons
GT	GrossTons	Gross tons. Also known as long tons or imperial tons, equal to 2240 lbs
HDD	HeatingDegreeDay	Heating degree day
IPNT	IndexPoint	Index point
kg	Kilograms	Kilograms
kL	Kiloliters	kiloliters
kW-a	KilowattYear	Kilowatt year (electrical capacity)



<b>Code</b>	<b>Name</b>	<b>Description</b>
kW-d	KilowattDay	Kilowatt day (electrical capacity)
kW-h	KilowattHour	Kilowatt hour (electrical capacity)
kW-M	KilowattMonth	Kilowatt month (electrical capacity)
kW-min	KilowattMinute	Kilowatt-Minute (electrical capacity)
L	Liters	liters
lbs	Pounds	pounds
MW-a	MegawattYear	Megawatt year (electrical capacity)
MW-d	MegawattDay	Megawatt day (electrical capacity)
MW-h	MegawattHour	Megawatt hour (electrical capacity)
MW-M	MegawattMonth	Megawatt month (electrical capacity)
MW-min	MegawattMinute	Megawatt minute (electrical capacity)
oz_tr	TroyOunces	Troy ounces
PRINC	PrincipalWithRelationToDebtInstrument	Principal with relation to debt instrument
t	MetricTons	Metric tons. Also known as Tonnes, equal to 1000 kg
tn	Tons	Tons (US). Equal to 2000 lbs
a	Are	Are
ac	Acre	Acre
cL	Centiliter	Centiliter
cM	Centimeter	Centimeter
DGE	DieselGallonEquivalent	Diesel gallon equivalent
ft	Foot	Foot
Gal_gb	GBGallon	GB Gallon
GGE	GasolineGallonEquivalent	Gasonline gallon equivalent
ha	Hectare	Hectare
in	Inch	Inch
kM	Kilometer	Kilometer
M	Meter	Meter
mi	Mile	Mile
mL	Milliliter	Milliliter
mM	Millimeter	Millimeter
oz	USOunce	US ounce
pc	Piece	Piece
pt	USPint	US Pint

<b>Code</b>	<b>Name</b>	<b>Description</b>
pt_gb	GBPint	GB pint
qt	USQuart	US Quart
qt_gb	GBQuart	GB Quart
Sqcm	SquareCentimeter	Square centimeter
Sqft	SquareFoot	Square foot
Sqin	SquareInch	Square inch
Sqkm	SquareKilometer	Square kilometer
Sqm	SquareMeter	Square meter
Sqmi	SquareMile	Square mile
Sqmm	SquareMillimeter	Square millimeter
Sqyd	SquareYard	Square yard
yd	Yard	Yard
MMbbl	MillionBarrels	Million Barrels
USD	USDollars	US Dollars

---

Used in groups: [LegPaymentScheduleGrp](#)

#### **170.2.1836 LegPaymentScheduleStartDateUnadjusted**

The unadjusted date on which the value is adjusted, or calculated if a future value notional for certain non-deliverable interest rate swaps (e.g. Brazillian Real (BRL) vs. CETIP Interbank Deposit Rate (CDI)), or the start date of a cashflow payment.

Type: [LocalMktDate](#)

Used in groups: [LegPaymentScheduleGrp](#)

#### **170.2.1837 LegPaymentScheduleStepFrequencyPeriod**

Time unit multiplier for the step frequency.

Type: [int](#)

Used in groups: [LegPaymentScheduleGrp](#)

**170.2.1838 LegPaymentScheduleStepFrequencyUnit**

Time unit associated with the step frequency.

Type: **String**

Allowed values in CouponFrequencyUnitCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
D	Day	Day
Wk	Week	Week
Mo	Month	Month
Yr	Year	Year
H	Hour	Hour
Min	Minute	Minute
S	Second	Second
T	Term	Term

---

Used in groups: **LegPaymentScheduleGrp**

**170.2.1839 LegPaymentScheduleStepOffsetRate**

The explicit amount that the rate changes on each step date. This can be a positive or negative value.

Type: **Percentage**

Used in groups: **LegPaymentScheduleGrp**

**170.2.1840 LegPaymentScheduleStepOffsetValue**

The explicit amount that the notional changes on each step date. This can be a positive or negative amount.

Type: **Amt**

Used in groups: **LegPaymentScheduleGrp**

**170.2.1841 LegPaymentScheduleStepRate**

The percentage by which the notional changes on each step date. The percentage is either a percentage applied to the initial notional amount or the previous outstanding notional, depending on the value

specified in LegPaymentScheduleStepRelativeTo(40395). The percentage can be either positive or negative.

Type: **Percentage**

Used in groups: **LegPaymentScheduleGrp**

### **170.2.1842 LegPaymentScheduleStepRelativeTo**

Specifies whether the LegPaymentScheduleStepRate(40393) or LegPaymentScheduleStepOffset-Value(40392) should be applied to the initial notional or the previous notional in order to calculate the notional step change amount.

Type: **int**

Allowed values in PaymentScheduleStepRelativeToCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	Initial	Initial
1	Previous	Previous

---

Used in groups: **LegPaymentScheduleGrp**

### **170.2.1843 LegPaymentScheduleStepUnitOfMeasure**

The schedule step unit of measure (UOM).

Type: **String**

Allowed values in UnitOfMeasureCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
Alw	Allowances	Allowances
Bcf	BillionCubicFeet	Billion cubic feet
Bbl	Barrels	Barrels. Equal to 42 US gallons
CBM	CubicMeters	Cubic Meters
BDFT	BoardFeet	Board feet. Equal to 144 cubic inches
GJ	Gigajoules	gigajoules
Bu	Bushels	Bushels

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
kHR	HeatRate	Heat rate. The number of BTUs required to produce one kilowatt hour of electricity, typically 3,412.14 BTUs per 1 kWh.
Ccy	Currency	Amount of currency
kWh	KilowattHours	Kilowatt hours
CDD	CoolingDegreeDay	Cooling degree day
MHR	MegaHeatRate	Mega heat rate. The number of million BTUs required to produce one megawatt hour of electricity, typically 3.41214 million BTUs per 1 MWh.
CER	CertifiedEmissionsReduction	Certified emissions reduction
MMBtu	OneMillionBTU	One Million BTU
CPD	CriticalPrecipDay	Critical precipitation day
MWh	MegawattHours	Megawatt hours
CRT	ClimateReserveTonnes	Climate reserve tonnes
thm	Therms	therms. Equal to 100,000 BTU
cwt	Hundredweight	Hundredweight(US). Equal to 100 lbs
tnCO2	TonsOfCarbonDioxide	Tons of carbon dioxide
day	Day	Days
dt	DryMetricTons	Dry metric tons
EnvAllwnc	EnvAllwncCert	Environmental allowance certificates
EnvCrd	EnvironmentalCredit	Environmental credit
EnvOfst	EnvironmentalOffset	Environmental Offset
g	Grams	Grams
Gal	Gallons	Gallons
GT	GrossTons	Gross tons. Also known as long tons or imperial tons, equal to 2240 lbs
HDD	HeatingDegreeDay	Heating degree day
IPNT	IndexPoint	Index point
kg	Kilograms	Kilograms
kL	Kiloliters	kiloliters
kW-a	KilowattYear	Kilowatt year (electrical capacity)
kW-d	KilowattDay	Kilowatt day (electrical capacity)
kW-h	KilowattHour	Kilowatt hour (electrical capacity)
kW-M	KilowattMonth	Kilowatt month (electrical capacity)
kW-min	KilowattMinute	Kilowatt-Minute (electrical capacity)
L	Liters	liters

<b>Code</b>	<b>Name</b>	<b>Description</b>
lbs	Pounds	pounds
MW-a	MegawattYear	Megawatt year (electrical capacity)
MW-d	MegawattDay	Megawatt day (electrical capacity)
MW-h	MegawattHour	Megawatt hour (electrical capacity)
MW-M	MegawattMonth	Megawatt month (electrical capacity)
MW-min	MegawattMinute	Megawatt minute (electrical capacity)
oz_tr	TroyOunces	Troy ounces
PRINC	PrincipalWithRelationToDebtInstrument	Principal with relation to debt instrument
t	MetricTons	Metric tons. Also known as Tonnes, equal to 1000 kg
tn	Tons	Tons (US). Equal to 2000 lbs
a	Are	Are
ac	Acre	Acre
cL	Centiliter	Centiliter
cM	Centimeter	Centimeter
DGE	DieselGallonEquivalent	Diesel gallon equivalent
ft	Foot	Foot
Gal_gb	GBGallon	GB Gallon
GGE	GasolineGallonEquivalent	Gasonline gallon equivalent
ha	Hectare	Hectare
in	Inch	Inch
kM	Kilometer	Kilometer
M	Meter	Meter
mi	Mile	Mile
mL	Milliliter	Milliliter
mM	Millimeter	Millimeter
oz	USOunce	US ounce
pc	Piece	Piece
pt	USPint	US Pint
pt_gb	GBPint	GB pint
qt	USQuart	US Quart
qt_gb	GBQuart	GB Quart
SqcM	SquareCentimeter	Square centimeter
Sqft	SquareFoot	Square foot

---

Code	Name	Description
Sqin	SquareInch	Square inch
SqkM	SquareKilometer	Square kilometer
SqM	SquareMeter	Square meter
Sqmi	SquareMile	Square mile
SqmM	SquareMillimeter	Square millimeter
Sqyd	SquareYard	Square yard
yd	Yard	Yard
MMbbl	MillionBarrels	Million Barrels
USD	USDollars	US Dollars

---

Used in groups: [LegPaymentScheduleGrp](#)

#### **170.2.1844 LegPaymentScheduleStubType**

Indicates to which stub this schedule applies.

Type: [int](#)

Allowed values in PaymentStubTypeCodeSet:

---

Code	Name	Description
0	Initial	Initial
1	Final	Final
2	CompoundingInitial	Compounding initial
3	CompoundingFinal	Compounding final

---

Used in groups: [LegPaymentScheduleGrp](#)

#### **170.2.1845 LegPaymentScheduleType**

Specifies the type of schedule.

Type: [int](#)

Allowed values in PaymentScheduleTypeCodeSet:

Code	Name	Description
0	Notional	Notional
1	CashFlow	Cash flow
2	FXLinkedNotional	FX linked notional
3	FixedRate	Fixed rate
4	FutureValueNotional	Future value notional
5	KnownAmount	Known amount
6	FloatingRateMultiplier	Floating rate multiplier
7	Spread	Spread
8	CapRate	Cap rate
9	FloorRate	Floor rate
10	NonDeliverableSettlPaymentDates	Non-deliverable settlement payment dates
11	NonDeliverableSettlCalculation-Dates	Non-deliverable settlement calculation dates
12	NonDeliverableFXFixingDates	Non-deliverable fixing dates.
13	SettlPeriodNotnl	Settlement period notional
14	SettlPeriodPx	Settlement period price
15	CalcPeriod	Calculation period
16	DividendAccrualRateMultiplier	Dividend accrual rate multiplier
17	DividendAccrualRateSpread	Dividend accrual rate spread
18	DividendAccrualCapRate	Dividend accrual cap rate
19	DividendAccrualFloorRate	Dividend accrual floor rate
20	CompoundingRateMultiplier	Compounding rate multiplier
21	CompoundingRateSpread	Compounding rate spread
22	CompoundingCapRate	Compounding cap rate
23	CompoundingFloorRate	Compounding floor rate

Used in groups: [LegPaymentScheduleGrp](#)

### 170.2.1846 LegPaymentScheduleWeight

Floating rate observation weight for cashflow payment.

Type: [float](#)

Used in groups: [LegPaymentScheduleGrp](#)



**170.2.1847 LegPaymentScheduleXID**

Identifier of this LegPaymentSchedule for cross referencing elsewhere in the message.

Type: **XID**

Used in groups: **LegPaymentScheduleGrp**

**170.2.1848 LegPaymentScheduleXIDRef**

Reference to payment schedule elsewhere in the message.

Type: **XIDREF**

Used in groups: **LegPaymentScheduleGrp**

**170.2.1849 LegPaymentStreamAccrualDays**

The number of days from the adjusted calculation period start date to the adjusted value date, calculated in accordance with the applicable day count fraction.

Type: **int**

Used in components: **LegPaymentStream**

**170.2.1850 LegPaymentStreamAveragingMethod**

When averaging is applicable, used to specify whether a weighted or unweighted average method of calculation is to be used.

Type: **int**

Allowed values in PaymentStreamAveragingMethodCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	Unweighted	Unweighted
1	Weighted	Weighted

---

Used in components: **LegPaymentStreamFloatingRate**

**170.2.1851 LegPaymentStreamBoundsFirstDateUnadjusted**

The unadjusted first date of the compounding schedule. This can be used to restrict the range of dates when they are relative.

Type: [LocalMktDate](#)

Used in components: [LegPaymentStreamCompoundingDates](#)

**170.2.1852 LegPaymentStreamBoundsLastDateUnadjusted**

The unadjusted last date of the compounding schedule. This can be used to restrict the range of dates when they are relative.

Type: [LocalMktDate](#)

Used in components: [LegPaymentStreamCompoundingDates](#)

**170.2.1853 LegPaymentStreamCalculationLagPeriod**

Time unit multiplier for the calculation lag duration.

Type: [int](#)

Used in components: [LegPaymentStreamFloatingRate](#)

**170.2.1854 LegPaymentStreamCalculationLagUnit**

Time unit associated with the calculation lag duration.

Type: [String](#)

Allowed values in PaymentStreamInflationLagUnitCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
D	Day	Day
Wk	Week	Week
Mo	Month	Month
Yr	Year	Year

---

Used in components: [LegPaymentStreamFloatingRate](#)

**170.2.1855 LegPaymentStreamCapRate**

The cap rate, if any, which applies to the floating rate. It is only required where the floating rate on a swap stream is capped at a certain level. The cap rate is assumed to be exclusive of any spread and is a per annum rate, expressed as a decimal. A cap rate of 5% would be represented as 0.05.

Type: **Percentage**

Used in components: **LegPaymentStreamFloatingRate**

**170.2.1856 LegPaymentStreamCapRateBuySide**

Reference to the buyer of the cap rate option through its trade side.

Type: **int**

Allowed values in PaymentStreamCapRateBuySideCodeSet:

Code	Name	Description
1	Buyer	Buyer of the trade
2	Seller	Seller of the trade

Used in components: **LegPaymentStreamFloatingRate**

**170.2.1857 LegPaymentStreamCapRateSellSide**

Reference to the seller of the cap rate option through its trade side.

Type: **int**

Allowed values in PaymentStreamCapRateBuySideCodeSet:

Code	Name	Description
1	Buyer	Buyer of the trade
2	Seller	Seller of the trade

Used in components: **LegPaymentStreamFloatingRate**

**170.2.1858 LegPaymentStreamCashSettlIndicator**

Indicates whether cash settlement is applicable.

Type: **Boolean**

Used in components: **LegPaymentStream**

**170.2.1859 LegPaymentStream**

The LegPaymentStream component is a subcomponent of the LegStreamGrp used to detail the attributes of a payment stream in a swap.

Name	Mult.	Type	Description
LegPaymentStreamType	[0..1]	CodeSet	
LegPaymentStreamMarketRate	[0..1]	int	
LegPaymentStreamDelayIndicator	[0..1]	Boolean	
LegPaymentStreamCashSettlIndicator	[0..1]	Boolean	
LegPaymentStreamSettlCurrency	[0..1]	Currency	
LegPaymentStreamDayCount	[0..1]	CodeSet	
LegPaymentStreamOtherDayCount	[0..1]	String	May be used to specify a count method not listed in LegPaymentStreamDayCount(40283).
LegPaymentStreamAccrualDays	[0..1]	int	
LegPaymentStreamDiscountType	[0..1]	CodeSet	
LegPaymentStreamDiscountRate	[0..1]	Percentage	
LegPaymentStreamDiscountRateDay-Count	[0..1]	CodeSet	
LegPaymentStreamCompounding-Method	[0..1]	CodeSet	
LegPaymentStreamCompoundingX-IDRef	[0..1]	XIDREF	Mutually exclusive with LegPaymentStreamCompoundingFixedRate(42404) or the LegPaymentStreamCompoundingFloatingRate component.
LegPaymentStreamCompoundingSpread	[0..1]	PriceOffset	
LegPaymentStreamInterpolation-Method	[0..1]	CodeSet	
LegPaymentStreamInterpolationPeriod	[0..1]	CodeSet	

Name	Mult.	Type	Description
LegPaymentStreamInitialPrincipalExchangeIndicator	[0..1]	Boolean	
LegPaymentStreamInterimPrincipalExchangeIndicator	[0..1]	Boolean	
LegPaymentStreamFinalPrincipalExchangeIndicator	[0..1]	Boolean	
LegPaymentStreamFlatRateIndicator	[0..1]	Boolean	
LegPaymentStreamFlatRateAmount	[0..1]	Amt	
LegPaymentStreamFlatRateCurrency	[0..1]	Currency	
LegStreamMaximumPaymentAmount	[0..1]	Amt	
LegStreamMaximumPaymentCurrency	[0..1]	Currency	
LegStreamMaximumTransactionAmount	[0..1]	Amt	
LegStreamMaximumTransactionCurrency	[0..1]	Currency	
LegPaymentStreamPaymentDates	[0..1]	Component	
LegPaymentStreamResetDates	[0..1]	Component	
LegPaymentStreamFixedRate	[0..1]	Component	
LegPaymentStreamFloatingRate	[0..1]	Component	
LegPaymentStreamCompoundingFixedRate	[0..1]	float	Mutually exclusive with LegPaymentStreamCompoundingXIDRef(42400) or the LegPaymentStreamCompoundingFloatingRate component.
LegPaymentStreamCompoundingFloatingRate	[0..1]	Component	Mutually exclusive with LegPaymentStreamCompoundingFixedRate(42404) or the LegPaymentStreamCompoundingXIDRef(42400).
LegPaymentStreamCompoundingDates	[0..1]	Component	
LegPaymentStreamNonDeliverableSettlementTerms	[0..1]	Component	

Used in groups: [LegStreamGrp](#)

**170.2.1860 LegPaymentStreamCompoundingAveragingMethod**

Specifies the averaging method when compounding floating rate averaging is applicable (e.g. weighted or unweighted).

Type: **int**

Allowed values in PaymentStreamAveragingMethodCodeSet:

---

Code	Name	Description
0	Unweighted	Unweighted
1	Weighted	Weighted

---

Used in components: [LegPaymentStreamCompoundingFloatingRate](#)

**170.2.1861 LegPaymentStreamCompoundingCapRate**

The cap rate, if any, which applies to the compounding floating rate. It is only required where the compounding floating rate on a swap stream is capped at a certain level. The cap rate is assumed to be exclusive of any spread and is a per annum rate, expressed as a decimal. A cap rate of 5% would be represented as "0.05".

Type: **Percentage**

Used in components: [LegPaymentStreamCompoundingFloatingRate](#)

**170.2.1862 LegPaymentStreamCompoundingCapRateBuySide**

Reference to the buyer of the compounding cap rate option through its trade side.

Type: **int**

Allowed values in PaymentStreamCapRateBuySideCodeSet:

---

Code	Name	Description
1	Buyer	Buyer of the trade
2	Seller	Seller of the trade

---

Used in components: [LegPaymentStreamCompoundingFloatingRate](#)

**170.2.1863 LegPaymentStreamCompoundingCapRateSellSide**

Reference to the seller of the compounding cap rate option through its trade side.

Type: [int](#)

Allowed values in PaymentStreamCapRateBuySideCodeSet:

Code	Name	Description
1	Buyer	Buyer of the trade
2	Seller	Seller of the trade

Used in components: [LegPaymentStreamCompoundingFloatingRate](#)

**170.2.1864 LegPaymentStreamCompoundingDate**

The compounding date. Type of date is specified in LegPaymentStreamCompoundingDateType(42407).

Type: [LocalMktDate](#)

Used in groups: [LegPaymentStreamCompoundingDateGrp](#)

**170.2.1865 LegPaymentStreamCompoundingDateGrp**

LegPaymentStreamCompoundingDateGrp is a subcomponent of the LegPaymentStreamCompoundingDates component used to specify predetermined compounding dates.

Name	Mult.	Type	Description
<a href="#">NoLegPaymentStreamCompoundingDates</a>	[1..1]	NumInGroup	
<a href="#">LegPaymentStreamCompoundingDate</a>	[0..1]	LocalMktDate	Required if NoLegPaymentStreamCompoundingDates(42405) > 0.
<a href="#">LegPaymentStreamCompoundingDateType</a>	[0..1]	CodeSet	When specified it applies not only to the current date instance but to all subsequent date instances in the group until overridden when a new type is specified.

Used in components: [LegPaymentStreamCompoundingDates](#)

**170.2.1866 LegPaymentStreamCompoundingDatesBusinessCenter**

The business center calendar used for date adjustment of the payment stream compounding dates, e.g. "GBLO".

See <http://www.fpml.org/coding-scheme/business-center> for standard 4-character code values.

Type: **String**

Used in groups: **LegPaymentStreamCompoundingDatesBusinessCenterGrp**

**170.2.1867 LegPaymentStreamCompoundingDatesBusinessCenterGrp**

LegPaymentStreamCompoundingDatesBusinessCenterGrp is a repeating subcomponent within the LegPaymentStreamCompoundingDates component. It is used to specify the set of business centers whose calendars drive the date adjustment. Used only to override the business centers defined in the LegDateAdjustment component in InstrumentLeg.

Name	Mult.	Type	Description
NoLegPaymentStreamCompounding-DatesBusinessCenters	[1..1]	NumInGroup	
LegPaymentStreamCompounding-DatesBusinessCenter	[0..1]	String	Required if NoLegPaymentStreamCompounding-DatesBusinessCenters(42419) > 0.

Used in components: **LegPaymentStreamCompoundingDates**

**170.2.1868 LegPaymentStreamCompoundingDatesBusinessDayConvention**

The compounding dates business day convention.

Type: **int**

Allowed values in BusinessDayConventionCodeSet:

Code	Name	Description
0	NotApplicable	Not applicable. Business day convention is not applicable.
1	None	None (current day)
2	FollowingDay	Following day. The following business day.
3	FloatingRateNote	Floating rate note. The FRN business day convention.



Code	Name	Description
4	ModifiedFollowingDay	Modified following day. The modified following business day.
5	PrecedingDay	Preceding day. The preceding business day.
6	ModifiedPrecedingDay	Modified preceding day. The modified preceding business day.
7	NearestDay	Nearest day. The nearest applicable business day.

Used in components: [LegPaymentStreamCompoundingDates](#)

### 170.2.1869 LegPaymentStreamCompoundingDates

LegPaymentStreamCompoundingDates is a subcomponent of the LegPaymentStream component used to specify the compounding dates of the stream - either specific, relative or periodic dates.

Name	Mult.	Type	Description
<a href="#">LegPaymentStreamCompounding-DatesBusinessDayConvention</a>	[0..1]	CodeSet	When specified, this overrides the business day convention defined in the LegDateAdjustment component in InstrumentLeg. The specified value would be specific to payment stream compounding dates.
<a href="#">LegPaymentStreamCompounding-DatesBusinessCenterGrp</a>	[0..*]	Group	When specified, this overrides the business centers defined in the LegDateAdjustment component in InstrumentLeg. The specified values would be specific to payment stream compounding dates.
<a href="#">LegPaymentStreamCompounding-DateGrp</a>	[0..*]	Group	
<a href="#">LegPaymentStreamCompounding-DatesRelativeTo</a>	[0..1]	int	
<a href="#">LegPaymentStreamCompounding-DatesOffsetPeriod</a>	[0..1]	int	Conditionally required when LegPaymentStreamCompoundingDatesOffsetUnit(42411) is specified.
<a href="#">LegPaymentStreamCompounding-DatesOffsetUnit</a>	[0..1]	CodeSet	Conditionally required when LegPaymentStreamCompoundingDatesOffsetPeriod(42410) is specified.
<a href="#">LegPaymentStreamCompounding-DatesOffsetDayType</a>	[0..1]	CodeSet	
<a href="#">LegPaymentStreamCompoundingPeriodSkip</a>	[0..1]	int	

Name	Mult.	Type	Description
LegPaymentStreamCompoundingStartDate	[0..1]	Component	
LegPaymentStreamCompoundingEndDate	[0..1]	Component	
LegPaymentStreamCompoundingFrequencyPeriod	[0..1]	int	Conditionally required when LegPaymentStreamCompoundingFrequencyUnit(42415) is specified.
LegPaymentStreamCompoundingFrequencyUnit	[0..1]	CodeSet	Conditionally required when LegPaymentStreamCompoundingFrequencyPeriod(42414) is specified.
LegPaymentStreamCompoundingRollConvention	[0..1]	CodeSet	When specified, this overrides the date roll convention defined in the LegDateAdjustment component in InstrumentLeg. The specified value would be specific to this instance of payment stream compounding dates.
LegPaymentStreamBoundsFirstDateUnadjusted	[0..1]	LocalMktDate	
LegPaymentStreamBoundsLastDateUnadjusted	[0..1]	LocalMktDate	

Used in components: [LegPaymentStream](#)

### 170.2.1870 LegPaymentStreamCompoundingDatesOffsetDayType

Specifies the day type of the relative compounding date offset.

Type: [int](#)

Allowed values in PaymentStreamPaymentDateOffsetDayTypeCodeSet:

Code	Name	Description
0	Business	Business
1	Calendar	Calendar
2	CommodityBusiness	Commodity business
3	CurrencyBusiness	Currency business
4	ExchangeBusiness	Exchange business
5	ScheduledTradingDay	Scheduled trading day

Used in components: [LegPaymentStreamCompoundingDates](#)

**170.2.1871 LegPaymentStreamCompoundingDatesOffsetPeriod**

Time unit multiplier for the relative compounding date offset.

Type: **int**

Used in components: **LegPaymentStreamCompoundingDates**

**170.2.1872 LegPaymentStreamCompoundingDatesOffsetUnit**

Time unit associated with the relative compounding date offset.

Type: **String**

Allowed values in PaymentStreamPaymentDateOffsetUnitCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
D	Day	Day
Wk	Week	Week
Mo	Month	Month
Yr	Year	Year

---

Used in components: **LegPaymentStreamCompoundingDates**

**170.2.1873 LegPaymentStreamCompoundingDatesRelativeTo**

Specifies the anchor date when the compounding dates are relative to an anchor date.

See [http://www.fixtradingcommunity.org/codelists#Relative\\_To\\_Date](http://www.fixtradingcommunity.org/codelists#Relative_To_Date) for values.

Type: **int**

Used in components: **LegPaymentStreamCompoundingDates**

**170.2.1874 LegPaymentStreamCompoundingDateType**

Specifies the type of payment compounding date (e.g. adjusted for holidays).

Type: **int**

Allowed values in NonDeliverableFixingDateTypeCodeSet:

Code	Name	Description
0	Unadjusted	Unadjusted
1	Adjusted	Adjusted

Used in groups: [LegPaymentStreamCompoundingDateGrp](#)

### 170.2.1875 LegPaymentStreamCompoundingEndDateAdjusted

The adjusted compounding end date.

Type: [LocalMktDate](#)

Used in components: [LegPaymentStreamCompoundingEndDate](#)

### 170.2.1876 LegPaymentStreamCompoundingEndDate

LegPaymentStreamCompoundingEndDate is a subcomponent of the LegPaymentStreamCompoundingDates component used to specify the end date for compounding.

Name	Mult.	Type	Description
<a href="#">LegPaymentStreamCompoundingEndDateUnadjusted</a>	[0..1]	LocalMktDate	
<a href="#">LegPaymentStreamCompoundingEndDateRelativeTo</a>	[0..1]	int	
<a href="#">LegPaymentStreamCompoundingEndDateOffsetPeriod</a>	[0..1]	int	Conditionally required when LegPaymentStreamCompoundingEndDateOffsetUnit(42424) is specified.
<a href="#">LegPaymentStreamCompoundingEndDateOffsetUnit</a>	[0..1]	CodeSet	Conditionally required when LegPaymentStreamCompoundingEndDateOffsetPeriod(42423) is specified.
<a href="#">LegPaymentStreamCompoundingEndDateOffsetDayType</a>	[0..1]	CodeSet	
<a href="#">LegPaymentStreamCompoundingEndDateAdjusted</a>	[0..1]	LocalMktDate	

Used in components: [LegPaymentStreamCompoundingDates](#)

**170.2.1877 LegPaymentStreamCompoundingEndDateOffsetDayType**

Specifies the day type of the relative compounding end date offset.

Type: **int**

Allowed values in PaymentStreamPaymentDateOffsetDayTypeCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	Business	Business
1	Calendar	Calendar
2	CommodityBusiness	Commodity business
3	CurrencyBusiness	Currency business
4	ExchangeBusiness	Exchange business
5	ScheduledTradingDay	Scheduled trading day

---

Used in components: [LegPaymentStreamCompoundingEndDate](#)

**170.2.1878 LegPaymentStreamCompoundingEndDateOffsetPeriod**

Time unit multiplier for the relative compounding end date offset.

Type: **int**

Used in components: [LegPaymentStreamCompoundingEndDate](#)

**170.2.1879 LegPaymentStreamCompoundingEndDateOffsetUnit**

Time unit associated with the relative compounding end date offset.

Type: **String**

Allowed values in PaymentStreamPaymentDateOffsetUnitCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
D	Day	Day
Wk	Week	Week
Mo	Month	Month
Yr	Year	Year

---

Used in components: [LegPaymentStreamCompoundingEndDate](#)

**170.2.1880 LegPaymentStreamCompoundingEndDateRelativeTo**

Specifies the anchor date when the compounding end date is relative to an anchor date.

See [http://www.fixtradingcommunity.org/codelists#Relative\\_To\\_Date](http://www.fixtradingcommunity.org/codelists#Relative_To_Date) for values.

Type: **int**

Used in components: **LegPaymentStreamCompoundingEndDate**

**170.2.1881 LegPaymentStreamCompoundingEndDateUnadjusted**

The unadjusted compounding end date.

Type: **LocalMktDate**

Used in components: **LegPaymentStreamCompoundingEndDate**

**170.2.1882 LegPaymentStreamCompoundingFinalRatePrecision**

Specifies the compounding floating rate rounding precision in terms of a number of decimal places. Note how a percentage rate rounding of 5 decimal places is expressed as a rounding precision of 7.

Type: **int**

Used in components: **LegPaymentStreamCompoundingFloatingRate**

**170.2.1883 LegPaymentStreamCompoundingFinalRateRoundingDirection**

Specifies the rounding direction for the compounding floating rate.

Type: **char**

Allowed values in RoundingDirectionCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	RoundToNearest	Round to nearest
1	RoundDown	Round down
2	RoundUp	Round up

---

Used in components: **LegPaymentStreamCompoundingFloatingRate**

**170.2.1884 LegPaymentStreamCompoundingFixedRate**

The compounding fixed rate applicable to the payment stream.

Type: **float**

Used in components: **LegPaymentStream**

**170.2.1885 LegPaymentStreamCompoundingFloatingRate**

LegPaymentStreamCompoundingFloatingRate is a subcomponent of the LegPaymentStream component used to report the parameters for determining the compounding floating rate of the stream.

Name	Mult.	Type	Description
LegPaymentStreamCompoundingRateIndex	[0..1]	String	
LegPaymentStreamCompoundingRateIndexCurvePeriod	[0..1]	int	Conditionally required if LegPaymentStreamCompoundingRateIndexCurveUnit(42429) is specified.
LegPaymentStreamCompoundingRateIndexCurveUnit	[0..1]	CodeSet	Conditionally required if LegPaymentStreamCompoundingRateIndexCurvePeriod(42428) is specified.
LegPaymentStreamCompoundingRateMultiplier	[0..1]	float	
LegPaymentStreamCompoundingRateSpread	[0..1]	PriceOffset	
LegPaymentStreamCompoundingRateSpreadPositionType	[0..1]	CodeSet	
LegPaymentStreamCompoundingRateTreatment	[0..1]	CodeSet	
LegPaymentStreamCompoundingCapRate	[0..1]	Percentage	
LegPaymentStreamCompoundingCapRateBuySide	[0..1]	CodeSet	
LegPaymentStreamCompoundingCapRateSellSide	[0..1]	CodeSet	
LegPaymentStreamCompoundingFloorRate	[0..1]	Percentage	
LegPaymentStreamCompoundingFloorRateBuySide	[0..1]	CodeSet	
LegPaymentStreamCompoundingFloorRateSellSide	[0..1]	CodeSet	

Name	Mult.	Type	Description
LegPaymentStreamCompoundingInitialRate	[0..1]	Percentage	
LegPaymentStreamCompoundingFinalRateRoundingDirection	[0..1]	CodeSet	
LegPaymentStreamCompoundingFinalRatePrecision	[0..1]	int	
LegPaymentStreamCompoundingAveragingMethod	[0..1]	CodeSet	
LegPaymentStreamCompoundingNegativeRateTreatment	[0..1]	CodeSet	

Used in components: [LegPaymentStream](#)

#### 170.2.1886 LegPaymentStreamCompoundingFloorRate

The floor rate, if any, which applies to the compounding floating rate. The floor rate (strike) is only required where the compounding floating rate on a swap stream is floored at a certain strike level. The floor rate is assumed to be exclusive of any spread and is a per annum rate. The rate is expressed as a decimal, e.g. 5% is represented as "0.05".

Type: [Percentage](#)

Used in components: [LegPaymentStreamCompoundingFloatingRate](#)

#### 170.2.1887 LegPaymentStreamCompoundingFloorRateBuySide

Reference to the buyer of the compounding floor rate option through its trade side.

Type: [int](#)

Allowed values in PaymentStreamFloorRateBuySideCodeSet:

Code	Name	Description
1	Buyer	Buyer of the trade
2	Seller	Seller of the trade

Used in components: [LegPaymentStreamCompoundingFloatingRate](#)



**170.2.1888 LegPaymentStreamCompoundingFloorRateSellSide**

Reference to the seller of the floor rate option through its trade side.

Type: **int**

Allowed values in PaymentStreamFloorRateBuySideCodeSet:

---

Code	Name	Description
1	Buyer	Buyer of the trade
2	Seller	Seller of the trade

---

Used in components: [LegPaymentStreamCompoundingFloatingRate](#)

**170.2.1889 LegPaymentStreamCompoundingFrequencyPeriod**

Time unit multiplier for the frequency at which compounding dates occur.

Type: **int**

Used in components: [LegPaymentStreamCompoundingDates](#)

**170.2.1890 LegPaymentStreamCompoundingFrequencyUnit**

Time unit associated with the frequency at which compounding dates occur.

Type: **String**

Allowed values in CouponFrequencyUnitCodeSet:

---

Code	Name	Description
D	Day	Day
Wk	Week	Week
Mo	Month	Month
Yr	Year	Year
H	Hour	Hour
Min	Minute	Minute
S	Second	Second
T	Term	Term

---

Used in components: [LegPaymentStreamCompoundingDates](#)

**170.2.1891 LegPaymentStreamCompoundingInitialRate**

The initial compounding floating rate reset agreed between the principal parties involved in the trade. It should only be included when the rate is not equal to the rate published on the source implied by the floating rate index. The initial rate is expressed in decimal form, e.g. 5% is represented as "0.05".

Type: **Percentage**

Used in components: **LegPaymentStreamCompoundingFloatingRate**

**170.2.1892 LegPaymentStreamCompoundingMethod**

Compounding method.

Type: **int**

Allowed values in PaymentStreamCompoundingMethodCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	None	None
1	Flat	Flat
2	Straight	Straight
3	SpreadExclusive	Spread exclusive

---

Used in components: **LegPaymentStream**

**170.2.1893 LegPaymentStreamCompoundingNegativeRateTreatment**

Specifies the method for calculating payment obligations when a compounding floating rate is negative (either due to a quoted negative floating rate or by operation of a spread that is subtracted from the floating rate).

Type: **int**

Allowed values in PaymentStreamNegativeRateTreatmentCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	ZeroInterestRateMethod	Zero interest rate method
1	NegativeInterestRateMethod	Negative interest rate method

---

Used in components: **LegPaymentStreamCompoundingFloatingRate**

**170.2.1894 LegPaymentStreamCompoundingPeriodSkip**

The number of periods in the "RelativeTo" schedule that are between each date in the compounding schedule. A skip of 2 would mean that compounding dates are relative to every second date in the "RelativeTo" schedule. If present this should have a value greater than 1.

Type: **int**

Used in components: [LegPaymentStreamCompoundingDates](#)

**170.2.1895 LegPaymentStreamCompoundingRateIndex**

The payment stream's compounding floating rate index.

Type: **String**

Used in components: [LegPaymentStreamCompoundingFloatingRate](#)

**170.2.1896 LegPaymentStreamCompoundingRateIndexCurvePeriod**

Time unit multiplier for the payment stream's compounding floating rate index curve period.

Type: **int**

Used in components: [LegPaymentStreamCompoundingFloatingRate](#)

**170.2.1897 LegPaymentStreamCompoundingRateIndexCurveUnit**

Time unit associated with the payment stream's compounding floating rate index curve period.

Type: **String**

Allowed values in PaymentStreamRateIndexCurveUnitCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
D	Day	Day
Wk	Week	Week
Mo	Month	Month
Yr	Year	Year

---

Used in components: [LegPaymentStreamCompoundingFloatingRate](#)

**170.2.1898 LegPaymentStreamCompoundingRateMultiplier**

A rate multiplier to apply to the compounding floating rate. The multiplier can be less than or greater than 1 (one). This should only be included if the multiplier is not equal to 1 (one) for the term of the stream.

Type: **float**

Used in components: **LegPaymentStreamCompoundingFloatingRate**

**170.2.1899 LegPaymentStreamCompoundingRateSpread**

The basis points spread from the index specified in LegPaymentStreamCompoundingRateIndex(42427).

Type: **PriceOffset**

Used in components: **LegPaymentStreamCompoundingFloatingRate**

**170.2.1900 LegPaymentStreamCompoundingRateSpreadPositionType**

Identifies whether the rate spread is applied to a long or short position.

Type: **int**

Allowed values in PaymentStreamRateSpreadPositionTypeCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	Short	Short
1	Long	Long

---

Used in components: **LegPaymentStreamCompoundingFloatingRate**

**170.2.1901 LegPaymentStreamCompoundingRateTreatment**

Specifies the yield calculation treatment for the index.

Type: **int**

Allowed values in PaymentStreamRateTreatmentCodeSet:

Code	Name	Description
0	BondEquivalentYield	Bond equivalent yield
1	MoneyMarketYield	Money market yield

Used in components: [LegPaymentStreamCompoundingFloatingRate](#)

### 170.2.1902 LegPaymentStreamCompoundingRollConvention

The convention for determining the sequence of compounding dates. It is used in conjunction with a specified frequency.

Type: [String](#)

Allowed values in DateRollConventionCodeSet:

Code	Name	Description
1	FirstDay	1st day of the month
2	SecondDay	2nd day of the month
3	ThirdDay	3rd day of the month
4	FourthDay	4th day of the month
5	FifthDay	5th day of the month
6	SixthDay	6th day of the month
7	SeventhDay	7th day of the month
8	EighthDay	8th day of the month
9	NinthDay	9th day of the month
10	TenthDay	10th day of the month
11	EleventhDay	11th day of the month
12	TwelvthDay	12th day of the month
13	ThirteenthDay	13th day of the month
14	ForteenthDay	14th day of the month
15	FifteenthDay	15th day of the month
16	SixteenthDay	16th day of the month
17	SeventeenthDay	17th day of the month
18	EighteenthDay	18th day of the month
19	NineteenthDay	19th day of the month
20	TwentiethDay	20th day of the month

<b>Code</b>	<b>Name</b>	<b>Description</b>
21	TwentyFirstDay	21st day of the month
22	TwentySecondDay	22nd day of the month
23	TwentyThirdDay	23rd day of the month
24	TwentyFourthDay	24th day of the month
25	TwentyFifthDay	25th day of the month
26	TwentySixthDay	26th day of the month
27	TwentySeventhDay	27th day of the month
28	TwentyEighthDay	28th day of the month
29	TwentyNinthDay	29th day of the month
30	ThirtiethDay	30th day of the month
EOM	EOM	The end of the month. Use EOM for 31st day of the month.
FRN	FRN	The floating rate note convention or Eurodollar convention.
IMM	IMM	The International Money Market settlement date, i.e. the 3rd Wednesday of the month.
IMMCAD	IMMCAD	The last trading day/expiration day of the Canadian Derivatives Exchange.
IMMAUD	IMMAUD	The last trading day of the Sydney Futures Exchange Australian 90-day bank accepted bill futures contract.
IMMNZD	IMMNZD	The last trading day of the Sydney Futures Exchange New Zealand 90-day bank bill futures contract.
SFE	SFE	The Sydney Futures Exchange 90-day bank accepted bill futures settlement dates.
NONE	NONE	No adjustment
TBILL	TBILL	The 13-week and 26-week U.S. Treasury Bill auction dates.
MON	MON	Monday
TUE	TUE	Tuesday
WED	WED	Wednesday
THU	THU	Thursday
FRI	FRI	Friday
SAT	SAT	Saturday
SUN	SUN	Sunday

Used in components: [LegPaymentStreamCompoundingDates](#)

**170.2.1903 LegPaymentStreamCompoundingSpread**

The spread to be used for compounding. Used in scenarios where the interest payment is based on a compounding formula that uses a compounding spread in addition to the regular spread.

Type: [PriceOffset](#)

Used in components: [LegPaymentStream](#)

**170.2.1904 LegPaymentStreamCompoundingStartDateAdjusted**

The adjusted compounding start date.

Type: [LocalMktDate](#)

Used in components: [LegPaymentStreamCompoundingStartDate](#)

**170.2.1905 LegPaymentStreamCompoundingStartDate**

LegPaymentStreamCompoundingStartDate is a subcomponent of the LegPaymentStreamCompoundingDates component used to specify the start date for compounding.

Name	Mult.	Type	Description
<a href="#">LegPaymentStreamCompoundingStartDateUnadjusted</a>	[0..1]	LocalMktDate	
<a href="#">LegPaymentStreamCompoundingStartDateRelativeTo</a>	[0..1]	int	
<a href="#">LegPaymentStreamCompoundingStartDateOffsetPeriod</a>	[0..1]	int	Conditionally required when LegPaymentStreamCompoundingStartDateOffsetUnit(42448) is specified.
<a href="#">LegPaymentStreamCompoundingStartDateOffsetUnit</a>	[0..1]	CodeSet	Conditionally required when LegPaymentStreamCompoundingStartDateOffsetPeriod(42447) is specified.
<a href="#">LegPaymentStreamCompoundingStartDateOffsetDayType</a>	[0..1]	CodeSet	
<a href="#">LegPaymentStreamCompoundingStartDateAdjusted</a>	[0..1]	LocalMktDate	

Used in components: [LegPaymentStreamCompoundingDates](#)

**170.2.1906 LegPaymentStreamCompoundingStartDateOffsetDayType**

Specifies the day type of the relative compounding start date offset.

Type: **int**

Allowed values in PaymentStreamPaymentDateOffsetDayTypeCodeSet:

---

Code	Name	Description
0	Business	Business
1	Calendar	Calendar
2	CommodityBusiness	Commodity business
3	CurrencyBusiness	Currency business
4	ExchangeBusiness	Exchange business
5	ScheduledTradingDay	Scheduled trading day

---

Used in components: [LegPaymentStreamCompoundingStartDate](#)

**170.2.1907 LegPaymentStreamCompoundingStartDateOffsetPeriod**

Time unit multiplier for the relative compounding start date offset.

Type: **int**

Used in components: [LegPaymentStreamCompoundingStartDate](#)

**170.2.1908 LegPaymentStreamCompoundingStartDateOffsetUnit**

Time unit associated with the relative compounding start date offset.

Type: **String**

Allowed values in PaymentStreamPaymentDateOffsetUnitCodeSet:

---

Code	Name	Description
D	Day	Day
Wk	Week	Week
Mo	Month	Month
Yr	Year	Year

---

Used in components: [LegPaymentStreamCompoundingStartDate](#)



#### **170.2.1909 LegPaymentStreamCompoundingStartDateRelativeTo**

Specifies the anchor date when the compounding start date is relative to an anchor date.

See [http://www.fixtradingcommunity.org/codelists#Relative\\_To\\_Date](http://www.fixtradingcommunity.org/codelists#Relative_To_Date) for values.

Type: **int**

Used in components: **LegPaymentStreamCompoundingStartDate**

#### **170.2.1910 LegPaymentStreamCompoundingStartDateUnadjusted**

The unadjusted compounding start date.

Type: **LocalMktDate**

Used in components: **LegPaymentStreamCompoundingStartDate**

#### **170.2.1911 LegPaymentStreamCompoundingXIDRef**

Reference to the stream which details the compounding fixed or floating rate.

Type: **XIDREF**

Used in components: **LegPaymentStream**

#### **170.2.1912 LegPaymentStreamContractPrice**

The price per relevant unit for purposes of the calculation of a fixed amount for a dry voyage charter or time charter commodity swap.

Type: **Price**

Used in components: **LegPaymentStreamFixedRate**

#### **170.2.1913 LegPaymentStreamContractPriceCurrency**

Specifies the currency of LegPaymentStreamContractPrice(41559). Uses ISO 4217 currency codes.

Type: **Currency**

Used in components: **LegPaymentStreamFixedRate**

**170.2.1914 LegPaymentStreamDayCount**

The day count convention used in the payment stream calculations.

Type: **int**

Allowed values in CouponDayCountCodeSet:

Code	Name	Description
0	OneOne	1/1. If parties specify the Day Count Fraction to be 1/1 then in calculating the applicable amount, 1 is simply input into the calculation as the relevant Day Count Fraction. See also 2006 ISDA Definitions, Section 4.16. Day Count Fraction, paragraph (a).
1	ThirtyThreeSixtyUS	30/360 (30U/360 or Bond Basis). See also ISO 15022 MICO code 'A001'.
2	ThirtyThreeSixtySIA	30/360 (SIA). A variant of "30/360" - when Date1 and Date2 are both Feb. 28th or 29th convert them to 30th using the same logic in the conversion of 31st to 30th.
3	ThirtyThreeSixtyM	30/360M. Commonly used day count convention for US mortgage backed securities. Feb 28th (or 29th in a leap year) is always considered as a 30th for a start date. As a comparison, in the regular 30/360 day count as used by most US agency and corporate bonds, a start date of Feb 28th (or 29th in a leap year) is still considered as the 28th (or 29th) day of a month of 30 days.
4	ThirtyEThreeSixty	30E/360 (Eurobond Basis). See also ISO 15022 MICO code 'A007'.
5	ThirtyEThreeSixtyISDA	30E/360 (ISDA). Date adjustment rules are: (1) if Date1 is the last day of the month, then change Date1 to 30; (2) if D2 is the last day of the month (unless Date2 is the maturity date and Date2 is in February), then change Date2 to 30. See also 2006 ISDA Definitions, Section 4.16. Day Count Fraction, paragraph (h).
6	ActThreeSixty	Act/360. See also ISO 15022 MICO code 'A004'.
7	ActThreeSixtyFiveFixed	Act/365 (FIXED). See also ISO 15022 MICO code 'A005'.
8	ActActAFB	Act/Act (AFB). See also ISO 15022 MICO code 'A010'.
9	ActActICMA	Act/Act (ICMA). See also ISO 15022 MICO code 'A006'.
10	ActActISMAUltimo	Act/Act (ICMA Ultimo). The Act/Act (ICMA Ultimo) differs from Act/Act (ICMA) method only that it assumes that regular coupons always fall on the last day of the month.
11	ActActISDA	Act/Act (ISDA). See also ISO 15022 MICO code 'A008'.

Code	Name	Description
12	BusTwoFiftyTwo	BUS/252. Used for Brazilian Real swaps, which is based on business days instead of calendar days. The number of business days divided by 252.
13	ThirtyEPlusThreeSixty	30E+/360. Variation on 30E/360. Date adjustment rules: (1) If Date1 falls on the 31st, then change it to the 30th; (2) If Date2 falls on the 31st, then change it to 1 and increase Month2 by one, i.e. next month.
14	ActThreeSixtyFiveL	Act/365L. See also ISO 15022 MICO code 'A009'.
15	NLThreeSixtyFive	NL365. See also ISO 15022 MICO code 'A014'.
16	NLThreeSixty	NL360. This is the same as Act/360, with the exception of leap days (29th February) which are ignored.
17	Act364	Act/364. The actual number of days between Date1 and Date2, divided by 364.
18	ThirtyThreeSixtyFive	30/365. Interest is calculated based on a 30-day month in a way similar to the 30/360 (basic rule) and a 365-day year. Accrued interest to a value date on the last day of a month shall be the same as to the 30th calendar day of the same month, except for February. This means that a 31 is assumed to be a 30 and the 28 February (or 29 February for a leap year) is assumed to be a 28 (or 29). See also ISO 15022 MICO code 'A002'.
19	ThirtyActual	30/Actual. Interest is calculated based on a 30-day month in a way similar to the 30/360 (basic rule) and the assumed number of days in a year in a way similar to the Actual/Actual (ICMA). Accrued interest to a value date on the last day of a month shall be the same as to the 30th calendar day of the same month, except for February. This means that a 31 is assumed to be a 30 and the 28 February (or 29 February for a leap year) is assumed to be a 28 (or 29). The assumed number of days in a year is computed as the actual number of days in the coupon period multiplied by the number of interest payments in the year. See also ISO 15022 MICO code 'A003'.
20	ThirtyThreeSixtyICMA	30/360 (ICMA or basis rule). Interest is calculated based on a 30-day month and a 360-day year. Accrued interest to a value date on the last day of a month shall be the same as to the 30 calendar day of the same month, except for February. This means that a 31 is assumed to be a 30 and the 28 February (or 29 February for a leap year) is assumed to be a 28 (or 29). It is the most commonly used 30/360 method for non-US straight and convertible bonds issued before 1 January 1999. See also ISO 15022 MICO code 'A011'.

Code	Name	Description
21	ThirtyETwoThreeSixty	30E2/360 (Eurobond basis model two). Interest is calculated based on a 30-day month and a 360-day year. Accrued interest to a value date on the last day of a month shall be the same as to the 30th calendar day of the same month, except for the last day of February whose day of the month value shall be adapted to the value of the first day of the interest period if the latter is higher and if the period is one of a regular schedule. This means that a 31 is assumed to be a 30 and the 28 February of a non-leap year is assumed to be equivalent to a 29 February when the first day of the interest period is a 29, or to a 30 February when the first day of the interest period is a 30 or a 31. The 29 February of a leap year is assumed to be equivalent to a 30 February when the first day of the interest period is a 30 or a 31. Similarly, if the coupon period starts on the last day of February, it is assumed to produce only one day of interest in February as if it was starting on a 30 February when the end of the period is a 30 or a 31, or two days of interest in February when the end of the period is a 29, or three days of interest in February when it is the 28 February of a non-leap year and the end of the period is before the 29. See also ISO 15022 MICO code 'A012'.
22	ThirtyEThreeThreeSixty	30E3/360 (Eurobond basis model three). Interest is calculated based on a 30-day month and a 360-day year. Accrued interest to a value date on the last day of a month shall be the same as to the 30th calendar day of the same month. This means that a 31 is assumed to be a 30 and the 28 February (or 29 February for a leap year) is assumed to be equivalent to a 30 February. It is a variation of the 30E/360 (or Eurobond basis) method where the last day of February is always assumed to be a 30, even if it is the last day of the maturity coupon period. See also ISO 15022 MICO code 'A013'.
99	Other	Other. For other day count method. See also ISO 15022 MICO code 'OTHR'.

Used in components: [LegPaymentStream](#)

### 170.2.1915 LegPaymentStreamDaysAdjustmentIndicator

Indicates whether the contract specifies that the notional should be scaled by the number of days in range divided by the estimate trading days or not. The number of "days in range" refers to the number of returns that contribute to the realized volatility.

Type: **Boolean**

Used in components: **LegPaymentStreamFloatingRate**

### **170.2.1916 LegPaymentStreamDelayIndicator**

Applicable to credit default swaps on mortgage backed securities to specify whether payment delays are applicable to the fixed amount.

Residential mortgage backed securities typically have a payment delay of 5 days between the coupon date of the reference obligation and the payment date of the synthetic swap.

Commercial mortgage backed securities do not typically have a payment delay, with both payment dates (the coupon date of the reference obligation and the payment date of the synthetic swap) being on the 25th of each month.

Type: **Boolean**

Used in components: **LegPaymentStream**

### **170.2.1917 LegPaymentStreamDiscountRate**

Discount rate. The rate is expressed in decimal, e.g. 5% is expressed as 0.05.

Type: **Percentage**

Used in components: **LegPaymentStream**

### **170.2.1918 LegPaymentStreamDiscountRateDayCount**

The day count convention applied to the LegPaymentStreamDiscountRate(40286).

Type: **int**

Allowed values in CouponDayCountCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	OneOne	1/1. If parties specify the Day Count Fraction to be 1/1 then in calculating the applicable amount, 1 is simply input into the calculation as the relevant Day Count Fraction. See also 2006 ISDA Definitions, Section 4.16. Day Count Fraction, paragraph (a).

---

Code	Name	Description
1	ThirtyThreeSixtyUS	30/360 (30U/360 or Bond Basis). See also ISO 15022 MICO code 'A001'.
2	ThirtyThreeSixtySIA	30/360 (SIA). A variant of "30/360" - when Date1 and Date2 are both Feb. 28th or 29th convert them to 30th using the same logic in the conversion of 31st to 30th.
3	ThirtyThreeSixtyM	30/360M. Commonly used day count convention for US mortgage backed securities. Feb 28th (or 29th in a leap year) is always considered as a 30th for a start date. As a comparison, in the regular 30/360 day count as used by most US agency and corporate bonds, a start date of Feb 28th (or 29th in a leap year) is still considered as the 28th (or 29th) day of a month of 30 days.
4	ThirtyEThreeSixty	30E/360 (Eurobond Basis). See also ISO 15022 MICO code 'A007'.
5	ThirtyEThreeSixtyISDA	30E/360 (ISDA). Date adjustment rules are: (1) if Date1 is the last day of the month, then change Date1 to 30; (2) if D2 is the last day of the month (unless Date2 is the maturity date and Date2 is in February), then change Date2 to 30. See also 2006 ISDA Definitions, Section 4.16. Day Count Fraction, paragraph (h).
6	ActThreeSixty	Act/360. See also ISO 15022 MICO code 'A004'.
7	ActThreeSixtyFiveFixed	Act/365 (FIXED). See also ISO 15022 MICO code 'A005'.
8	ActActAFB	Act/Act (AFB). See also ISO 15022 MICO code 'A010'.
9	ActActICMA	Act/Act (ICMA). See also ISO 15022 MICO code 'A006'.
10	ActActISMAUltimo	Act/Act (ICMA Ultimo). The Act/Act (ICMA Ultimo) differs from Act/Act (ICMA) method only that it assumes that regular coupons always fall on the last day of the month.
11	ActActISDA	Act/Act (ISDA). See also ISO 15022 MICO code 'A008'.
12	BusTwoFiftyTwo	BUS/252. Used for Brazilian Real swaps, which is based on business days instead of calendar days. The number of business days divided by 252.
13	ThirtyEPlusThreeSixty	30E+/360. Variation on 30E/360. Date adjustment rules: (1) If Date1 falls on the 31st, then change it to the 30th; (2) If Date2 falls on the 31st, then change it to 1 and increase Month2 by one, i.e. next month.
14	ActThreeSixtyFiveL	Act/365L. See also ISO 15022 MICO code 'A009'.
15	NLThreeSixtyFive	NL365. See also ISO 15022 MICO code 'A014'.
16	NLThreeSixty	NL360. This is the same as Act/360, with the exception of leap days (29th February) which are ignored.
17	Act364	Act/364. The actual number of days between Date1 and Date2, divided by 364.

<b>Code</b>	<b>Name</b>	<b>Description</b>
18	ThirtyThreeSixtyFive	30/365. Interest is calculated based on a 30-day month in a way similar to the 30/360 (basic rule) and a 365-day year. Accrued interest to a value date on the last day of a month shall be the same as to the 30th calendar day of the same month, except for February. This means that a 31 is assumed to be a 30 and the 28 February (or 29 February for a leap year) is assumed to be a 28 (or 29). See also ISO 15022 MICO code 'A002'.
19	ThirtyActual	30/Actual. Interest is calculated based on a 30-day month in a way similar to the 30/360 (basic rule) and the assumed number of days in a year in a way similar to the Actual/Actual (ICMA). Accrued interest to a value date on the last day of a month shall be the same as to the 30th calendar day of the same month, except for February. This means that a 31 is assumed to be a 30 and the 28 February (or 29 February for a leap year) is assumed to be a 28 (or 29). The assumed number of days in a year is computed as the actual number of days in the coupon period multiplied by the number of interest payments in the year. See also ISO 15022 MICO code 'A003'.
20	ThirtyThreeSixtyICMA	30/360 (ICMA or basis rule). Interest is calculated based on a 30-day month and a 360-day year. Accrued interest to a value date on the last day of a month shall be the same as to the 30 calendar day of the same month, except for February. This means that a 31 is assumed to be a 30 and the 28 February (or 29 February for a leap year) is assumed to be a 28 (or 29). It is the most commonly used 30/360 method for non-US straight and convertible bonds issued before 1 January 1999. See also ISO 15022 MICO code 'A011'.

Code	Name	Description
21	ThirtyETwoThreeSixty	30E2/360 (Eurobond basis model two). Interest is calculated based on a 30-day month and a 360-day year. Accrued interest to a value date on the last day of a month shall be the same as to the 30th calendar day of the same month, except for the last day of February whose day of the month value shall be adapted to the value of the first day of the interest period if the latter is higher and if the period is one of a regular schedule. This means that a 31 is assumed to be a 30 and the 28 February of a non-leap year is assumed to be equivalent to a 29 February when the first day of the interest period is a 29, or to a 30 February when the first day of the interest period is a 30 or a 31. The 29 February of a leap year is assumed to be equivalent to a 30 February when the first day of the interest period is a 30 or a 31. Similarly, if the coupon period starts on the last day of February, it is assumed to produce only one day of interest in February as if it was starting on a 30 February when the end of the period is a 30 or a 31, or two days of interest in February when the end of the period is a 29, or three days of interest in February when it is the 28 February of a non-leap year and the end of the period is before the 29. See also ISO 15022 MICO code 'A012'.
22	ThirtyEThreeThreeSixty	30E3/360 (Eurobond basis model three). Interest is calculated based on a 30-day month and a 360-day year. Accrued interest to a value date on the last day of a month shall be the same as to the 30th calendar day of the same month. This means that a 31 is assumed to be a 30 and the 28 February (or 29 February for a leap year) is assumed to be equivalent to a 30 February. It is a variation of the 30E/360 (or Eurobond basis) method where the last day of February is always assumed to be a 30, even if it is the last day of the maturity coupon period. See also ISO 15022 MICO code 'A013'.
99	Other	Other. For other day count method. See also ISO 15022 MICO code 'OTHR'.

Used in components: [LegPaymentStream](#)

### 170.2.1919 LegPaymentStreamDiscountType

The method of calculating discounted payment amounts.

Type: [int](#)



Allowed values in PaymentStreamDiscountTypeCodeSet:

Code	Name	Description
0	Standard	Standard
1	FRA	Forward Rate Agreement (FRA)

Used in components: [LegPaymentStream](#)

### 170.2.1920 LegPaymentStreamFinalPricePaymentDateAdjusted

The adjusted final price payment date.

Type: [LocalMktDate](#)

Used in components: [LegPaymentStreamFinalPricePaymentDate](#)

### 170.2.1921 LegPaymentStreamFinalPricePaymentDate

LegPaymentStreamFinalPricePaymentDate is a subcomponent of the LegPaymentStreamPaymentDates component used to specify the final price payment date, e.g. for an equity return swap.

Name	Mult.	Type	Description
<a href="#">LegPaymentStreamFinalPricePaymentDateUnadjusted</a>	[0..1]	LocalMktDate	
<a href="#">LegPaymentStreamFinalPricePaymentDateRelativeTo</a>	[0..1]	int	
<a href="#">LegPaymentStreamFinalPricePaymentDateOffsetPeriod</a>	[0..1]	int	Conditionally required when LegPaymentStreamFinalPricePaymentDateOffsetUnit(42456) is specified.
<a href="#">LegPaymentStreamFinalPricePaymentDateOffsetUnit</a>	[0..1]	CodeSet	Conditionally required when LegPaymentStreamFinalPricePaymentDateOffsetPeriod(42455) is specified.
<a href="#">LegPaymentStreamFinalPricePaymentDateOffsetDayType</a>	[0..1]	CodeSet	
<a href="#">LegPaymentStreamFinalPricePaymentDateAdjusted</a>	[0..1]	LocalMktDate	

Used in components: [LegPaymentStreamPaymentDates](#)

**170.2.1922 LegPaymentStreamFinalPricePaymentDateOffsetDayType**

Specifies the day type of the relative final price payment date offset.

Type: **int**

Allowed values in PaymentStreamPaymentDateOffsetDayTypeCodeSet:

---

Code	Name	Description
0	Business	Business
1	Calendar	Calendar
2	CommodityBusiness	Commodity business
3	CurrencyBusiness	Currency business
4	ExchangeBusiness	Exchange business
5	ScheduledTradingDay	Scheduled trading day

---

Used in components: [LegPaymentStreamFinalPricePaymentDate](#)

**170.2.1923 LegPaymentStreamFinalPricePaymentDateOffsetPeriod**

Time unit multiplier for the relative final price payment date offset.

Type: **int**

Used in components: [LegPaymentStreamFinalPricePaymentDate](#)

**170.2.1924 LegPaymentStreamFinalPricePaymentDateOffsetUnit**

Time unit associated with the relative final price payment date offset.

Type: **String**

Allowed values in PaymentStreamPaymentDateOffsetUnitCodeSet:

---

Code	Name	Description
D	Day	Day
Wk	Week	Week
Mo	Month	Month
Yr	Year	Year

---

Used in components: [LegPaymentStreamFinalPricePaymentDate](#)

**170.2.1925 LegPaymentStreamFinalPricePaymentDateRelativeTo**

Specifies the anchor date when the final price payment date is relative to an anchor date.

See [http://www.fixtradingcommunity.org/codelists#Relative\\_To\\_Date](http://www.fixtradingcommunity.org/codelists#Relative_To_Date) for values.

Type: **int**

Used in components: **LegPaymentStreamFinalPricePaymentDate**

**170.2.1926 LegPaymentStreamFinalPricePaymentDateUnadjusted**

The unadjusted final price payment date.

Type: **LocalMktDate**

Used in components: **LegPaymentStreamFinalPricePaymentDate**

**170.2.1927 LegPaymentStreamFinalPrincipalExchangeIndicator**

Indicates whether there is a final exchange of principal on the termination date.

Type: **Boolean**

Used in components: **LegPaymentStream**

**170.2.1928 LegPaymentStreamFinalRate**

The floating rate determined at the final reset. The rate is expressed in decimal form, e.g. 5% is represented as 0.05.

Type: **Percentage**

Used in components: **LegPaymentStreamFloatingRate**

**170.2.1929 LegPaymentStreamFinalRatePrecision**

Specifies the rounding precision in terms of a number of decimal places. Note how a percentage rate rounding of 5 decimal places is expressed as a rounding precision of 7.

Type: **int**

Used in components: **LegPaymentStreamFloatingRate**

**170.2.1930 LegPaymentStreamFinalRateRoundingDirection**

Specifies the rounding direction.

Type: **char**

Allowed values in RoundingDirectionCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	RoundToNearest	Round to nearest
1	RoundDown	Round down
2	RoundUp	Round up

---

Used in components: **LegPaymentStreamFloatingRate**

**170.2.1931 LegPaymentStreamFirstObservationDateAdjusted**

The adjusted initial price observation date.

Type: **LocalMktDate**

Used in components: **LegPaymentStreamFloatingRate**

**170.2.1932 LegPaymentStreamFirstObservationDateOffsetDayType**

Specifies the day type of the initial price observation date offset.

Type: **int**

Allowed values in PaymentStreamPaymentDateOffsetDayTypeCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	Business	Business
1	Calendar	Calendar
2	CommodityBusiness	Commodity business
3	CurrencyBusiness	Currency business
4	ExchangeBusiness	Exchange business
5	ScheduledTradingDay	Scheduled trading day

---

Used in components: **LegPaymentStreamFloatingRate**

**170.2.1933 LegPaymentStreamFirstObservationDateOffsetPeriod**

Time unit multiplier for the relative first observation date offset.

Type: **int**

Used in components: **LegPaymentStreamFloatingRate**

**170.2.1934 LegPaymentStreamFirstObservationDateOffsetUnit**

Time unit associated with the relative first observation date offset.

Type: **String**

Allowed values in PaymentStreamPaymentDateOffsetUnitCodeSet:

---

Code	Name	Description
D	Day	Day
Wk	Week	Week
Mo	Month	Month
Yr	Year	Year

---

Used in components: **LegPaymentStreamFloatingRate**

**170.2.1935 LegPaymentStreamFirstObservationDateRelativeTo**

Specifies the anchor date when the initial price observation date is relative to an anchor date.

See [http://www.fixtradingcommunity.org/codelists#Relative\\_To\\_Date](http://www.fixtradingcommunity.org/codelists#Relative_To_Date) for values.

Type: **int**

Used in components: **LegPaymentStreamFloatingRate**

**170.2.1936 LegPaymentStreamFirstObservationDateUnadjusted**

The unadjusted initial price observation date.

Type: **LocalMktDate**

Used in components: **LegPaymentStreamFloatingRate**

**170.2.1937 LegPaymentStreamFirstPaymentDateUnadjusted**

The unadjusted first payment date.

Type: [LocalMktDate](#)

Used in components: [LegPaymentStreamPaymentDates](#)

**170.2.1938 LegPaymentStreamFixedAmount**

The leg instrument payment stream's fixed payment amount. In a CDS, this can be an alternative to [LegPaymentStreamRate\(40326\)](#).

Type: [Amt](#)

Used in components: [LegPaymentStreamFixedRate](#)

**170.2.1939 LegPaymentStreamFixedAmountUnitOfMeasure**

The fixed payment amount unit of measure (UOM).

Type: [String](#)

Allowed values in [UnitOfMeasureCodeSet](#):

---

Code	Name	Description
Alw	Allowances	Allowances
Bcf	BillionCubicFeet	Billion cubic feet
Bbl	Barrels	Barrels. Equal to 42 US gallons
CBM	CubicMeters	Cubic Meters
BDFT	BoardFeet	Board feet. Equal to 144 cubic inches
GJ	Gigajoules	gigajoules
Bu	Bushels	Bushels
kHR	HeatRate	Heat rate. The number of BTUs required to produce one kilowatt hour of electricity, typically 3,412.14 BTUs per 1 kWh.
Ccy	Currency	Amount of currency
kWh	KilowattHours	Kilowatt hours
CDD	CoolingDegreeDay	Cooling degree day
MHR	MegaHeatRate	Mega heat rate. The number of million BTUs required to produce one megawatt hour of electricity, typically 3.41214 million BTUs per 1 MWh.

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
CER	CertifiedEmissionsReduction	Certified emissions reduction
MMBtu	OneMillionBTU	One Million BTU
CPD	CriticalPrecipDay	Critical precipitation day
MWh	MegawattHours	Megawatt hours
CRT	ClimateReserveTonnes	Climate reserve tonnes
thm	Therms	therms. Equal to 100,000 BTU
cwt	Hundredweight	Hundredweight(US). Equal to 100 lbs
tnCO2	TonsOfCarbonDioxide	Tons of carbon dioxide
day	Day	Days
dt	DryMetricTons	Dry metric tons
EnvAllwnc	EnvAllwncCert	Environmental allowance certificates
EnvCrd	EnvironmentalCredit	Environmental credit
EnvOfst	EnvironmentalOffset	Environmental Offset
g	Grams	Grams
Gal	Gallons	Gallons
GT	GrossTons	Gross tons. Also known as long tons or imperial tons, equal to 2240 lbs
HDD	HeatingDegreeDay	Heating degree day
IPNT	IndexPoint	Index point
kg	Kilograms	Kilograms
kL	Kiloliters	kiloliters
kW-a	KilowattYear	Kilowatt year (electrical capacity)
kW-d	KilowattDay	Kilowatt day (electrical capacity)
kW-h	KilowattHour	Kilowatt hour (electrical capacity)
kW-M	KilowattMonth	Kilowatt month (electrical capacity)
kW-min	KilowattMinute	Kilowatt-Minute (electrical capacity)
L	Liters	liters
lbs	Pounds	pounds
MW-a	MegawattYear	Megawatt year (electrical capacity)
MW-d	MegawattDay	Megawatt day (electrical capacity)
MW-h	MegawattHour	Megawatt hour (electrical capacity)
MW-M	MegawattMonth	Megawatt month (electrical capacity)
MW-min	MegawattMinute	Megawatt minute (electrical capacity)
oz_tr	TroyOunces	Troy ounces

<b>Code</b>	<b>Name</b>	<b>Description</b>
PRINC	PrincipalWithRelationToDebtInstrument	Principal with relation to debt instrument
t	MetricTons	Metric tons. Also known as Tonnes, equal to 1000 kg
tn	Tons	Tons (US). Equal to 2000 lbs
a	Are	Are
ac	Acre	Acre
cL	Centiliter	Centiliter
cM	Centimeter	Centimeter
DGE	DieselGallonEquivalent	Diesel gallon equivalent
ft	Foot	Foot
Gal_gb	GBGallon	GB Gallon
GGE	GasolineGallonEquivalent	Gasonline gallon equivalent
ha	Hectare	Hectare
in	Inch	Inch
kM	Kilometer	Kilometer
M	Meter	Meter
mi	Mile	Mile
mL	Milliliter	Milliliter
mM	Millimeter	Millimeter
oz	USOunce	US ounce
pc	Piece	Piece
pt	USPint	US Pint
pt_gb	GBPint	GB pint
qt	USQuart	US Quart
qt_gb	GBQuart	GB Quart
SqcM	SquareCentimeter	Square centimeter
Sqft	SquareFoot	Square foot
Sqin	SquareInch	Square inch
SqkM	SquareKilometer	Square kilometer
SqM	SquareMeter	Square meter
Sqmi	SquareMile	Square mile
SqmM	SquareMillimeter	Square millimeter
Sqyd	SquareYard	Square yard
yd	Yard	Yard



Code	Name	Description
MMbbl	MillionBarrels	Million Barrels
USD	USDollars	US Dollars

Used in components: [LegPaymentStreamFixedRate](#)

### 170.2.1940 LegPaymentStreamFixedRate

LegPaymentStreamFixedRate is a subcomponent of the LegPaymentStream component used to report the fixed rate or fixed payment amount of the payment stream.

Name	Mult.	Type	Description
<a href="#">LegPaymentStreamRate</a>	[0..1]	Percentage	Mutually exclusive with LegPaymentStreamFixedAmount(40327).
<a href="#">LegPaymentStreamFixedAmount</a>	[0..1]	Amt	Mutually exclusive with LegPaymentStreamRate(40326).
<a href="#">LegPaymentStreamRateOrAmountCurrency</a>	[0..1]	Currency	
<a href="#">LegPaymentStreamFixedAmountUnitOfMeasure</a>	[0..1]	CodeSet	
<a href="#">LegPaymentStreamTotalFixedAmount</a>	[0..1]	Amt	
<a href="#">LegPaymentStreamFutureValueNotional</a>	[0..1]	Amt	
<a href="#">LegPaymentStreamFutureValueDateAdjusted</a>	[0..1]	LocalMktDate	
<a href="#">LegPaymentStreamWorldScaleRate</a>	[0..1]	float	
<a href="#">LegPaymentStreamContractPrice</a>	[0..1]	Price	
<a href="#">LegPaymentStreamContractPriceCurrency</a>	[0..1]	Currency	

Used in components: [LegPaymentStream](#)

### 170.2.1941 LegPaymentStreamFixingDate

The fixing date. Type of date is specified in LegPaymentStreamFixingDateType(42461).

Type: [LocalMktDate](#)

Used in groups: [LegPaymentStreamFixingDateGrp](#)

### **170.2.1942 LegPaymentStreamFixingDateAdjusted**

The adjusted fixing date.

Type: [LocalMktDate](#)

Used in components: [LegPaymentStreamResetDates](#)

### **170.2.1943 LegPaymentStreamFixingDateBusinessCenter**

The business center calendar used to adjust the payment stream's fixing date, e.g. "GBLO".

See <http://www.fpml.org/coding-scheme/business-center> for standard 4-character code values.

Type: [String](#)

Used in groups: [LegPaymentStreamFixingDateBusinessCenterGrp](#)

### **170.2.1944 LegPaymentStreamFixingDateBusinessCenterGrp**

[LegPaymentStreamFixingDateBusinessCenterGrp](#) is a repeating subcomponent within the [LegPaymentStreamResetDates](#) component. It is used to specify the set of business centers whose calendars drive the date adjustment. Used only to override the business centers defined in the [LegDateAdjustment](#) component in [InstrumentLeg](#).

Name	Mult.	Type	Description
<a href="#">NoLegPaymentStreamFixingDateBusinessCenters</a>	[1..1]	NumInGroup	
<a href="#">LegPaymentStreamFixingDateBusinessCenter</a>	[0..1]	String	Required if <a href="#">NoLegPaymentStreamFixingDateBusinessCenters(40933)</a> > 0.

Used in components: [LegPaymentStreamResetDates](#)

### **170.2.1945 LegPaymentStreamFixingDateBusinessDayConvention**

The business day convention used to adjust the payment stream's fixing date. Used only to override the business day convention specified in the [LegDateAdjustment](#) component within the [InstrumentLeg](#) component.

Type: **int**

Allowed values in BusinessDayConventionCodeSet:

Code	Name	Description
0	NotApplicable	Not applicable. Business day convention is not applicable.
1	None	None (current day)
2	FollowingDay	Following day. The following business day.
3	FloatingRateNote	Floating rate note. The FRN business day convention.
4	ModifiedFollowingDay	Modified following day. The modified following business day.
5	PrecedingDay	Preceding day. The preceding business day.
6	ModifiedPrecedingDay	Modified preceding day. The modified preceding business day.
7	NearestDay	Nearest day. The nearest applicable business day.

Used in components: [LegPaymentStreamResetDates](#)

#### 170.2.1946 LegPaymentStreamFixingDateGrp

LegPaymentStreamFixingDateGrp is a subcomponent of the LegPaymentStreamResetDates component used to specify predetermined fixing dates.

Name	Mult.	Type	Description
<a href="#">NoLegPaymentStreamFixingDates</a>	[1..1]	NumInGroup	
<a href="#">LegPaymentStreamFixingDate</a>	[0..1]	LocalMktDate	Required if <a href="#">NoLegPaymentStreamFixingDates(42459)</a> > 0.
<a href="#">LegPaymentStreamFixingDateType</a>	[0..1]	CodeSet	When specified it applies not only to the current date instance but to all subsequent date instances in the group until overridden when a new type is specified.

Used in components: [LegPaymentStreamResetDates](#)

#### 170.2.1947 LegPaymentStreamFixingDateOffsetDayType

Specifies the day type of the relative fixing date offset.

Type: **int**

Allowed values in PaymentStreamPaymentDateOffsetDayTypeCodeSet:

Code	Name	Description
0	Business	Business
1	Calendar	Calendar
2	CommodityBusiness	Commodity business
3	CurrencyBusiness	Currency business
4	ExchangeBusiness	Exchange business
5	ScheduledTradingDay	Scheduled trading day

Used in components: [LegPaymentStreamResetDates](#)

#### **170.2.1948 LegPaymentStreamFixingDateOffsetPeriod**

Time unit multiplier for the relative fixing date offset.

Type: [int](#)

Used in components: [LegPaymentStreamResetDates](#)

#### **170.2.1949 LegPaymentStreamFixingDateOffsetUnit**

Time unit associated with the relative fixing date offset.

Type: [String](#)

Allowed values in PaymentStreamPaymentDateOffsetUnitCodeSet:

Code	Name	Description
D	Day	Day
Wk	Week	Week
Mo	Month	Month
Yr	Year	Year

Used in components: [LegPaymentStreamResetDates](#)

**170.2.1950 LegPaymentStreamFixingDateRelativeTo**

Specifies the anchor date when the fixing date is relative to an anchor date.

See [http://www.fixtradingcommunity.org/codelists#Relative\\_To\\_Date](http://www.fixtradingcommunity.org/codelists#Relative_To_Date) for values.

Type: **int**

Used in components: **LegPaymentStreamResetDates**

**170.2.1951 LegPaymentStreamFixingDateType**

Specifies the type of fixing date (e.g. adjusted for holidays).

Type: **int**

Allowed values in NonDeliverableFixingDateTypeCodeSet:

Code	Name	Description
0	Unadjusted	Unadjusted
1	Adjusted	Adjusted

Used in groups: **LegPaymentStreamFixingDateGrp**

**170.2.1952 LegPaymentStreamFlatRateAmount**

Specifies the actual monetary value of the flat rate when LegPaymentStreamFlatRateIndicator(41549) = 'Y'.

Type: **Amt**

Used in components: **LegPaymentStream**

**170.2.1953 LegPaymentStreamFlatRateCurrency**

Specifies the currency of the actual flat rate. Uses ISO 4217 currency codes.

Type: **Currency**

Used in components: **LegPaymentStream**

**170.2.1954 LegPaymentStreamFlatRateIndicator**

When this element is specified and set to 'Y', the Flat Rate is the New Worldwide Tanker Nominal Freight Scale for the Freight Index Route taken at the trade date of the transaction "Fixed". If 'N' it is taken on each pricing date "Floating".

Type: **Boolean**

Used in components: **LegPaymentStream**

**170.2.1955 LegPaymentStreamFloatingRate**

LegPaymentStreamFloatingRate is a subcomponent of the LegPaymentStream component used to report the floating rate attributes of the payment stream.

Name	Mult.	Type	Description
LegPaymentStreamRateIndex	[0..1]	String	
LegPaymentStreamRateIndexSource	[0..1]	CodeSet	
LegPaymentStreamRateIndexID	[0..1]	String	Conditionally required when LegPaymentStreamRateIndexIDSource(43089) is specified.
LegPaymentStreamRateIndexIDSource	[0..1]	CodeSet	Conditionally required when LegPaymentStreamRateIndexID(43088) is specified.
LegPaymentStreamRateIndexCurveUnit	[0..1]	CodeSet	Conditionally required when LegPaymentStreamRateIndexCurvePeriod(40334) is specified.
LegPaymentStreamRateIndexCurvePeriod	[0..1]	int	Conditionally required when LegPaymentStreamRateIndexCurveUnit(40333) is specified.
LegPaymentStreamRateIndex2	[0..1]	String	
LegPaymentStreamRateIndex2Source	[0..1]	CodeSet	
LegPaymentStreamRateIndex2ID	[0..1]	String	Conditionally required when LegPaymentStreamRateIndex2IDSource(43119) is specified.
LegPaymentStreamRateIndex2IDSource	[0..1]	CodeSet	Conditionally required when LegPaymentStreamRateIndex2ID(43118) is specified.
LegPaymentStreamRateIndex2CurveUnit	[0..1]	CodeSet	Conditionally required when LegPaymentStreamRateIndex2CurvePeriod(41564) is specified.

Name	Mult.	Type	Description
LegPaymentStreamRateIndex2CurvePeriod	[0..1]	int	Conditionally required when LegPaymentStreamRateIndex2CurveUnit(41563) is specified.
LegPaymentStreamRateIndexLocation	[0..1]	String	
LegPaymentStreamRateIndexLevel	[0..1]	Qty	
LegPaymentStreamRateIndexUnitOfMeasure	[0..1]	CodeSet	
LegPaymentStreamSettlLevel	[0..1]	CodeSet	
LegPaymentStreamReferenceLevel	[0..1]	Qty	
LegPaymentStreamReferenceLevelUnitOfMeasure	[0..1]	CodeSet	
LegPaymentStreamReferenceLevelEqualsZeroIndicator	[0..1]	Boolean	
LegPaymentStreamRateMultiplier	[0..1]	float	
LegPaymentStreamRateSpread	[0..1]	PriceOffset	
LegPaymentStreamRateSpreadCurrency	[0..1]	Currency	
LegPaymentStreamRateSpreadUnitOfMeasure	[0..1]	CodeSet	
LegPaymentStreamRateConversionFactor	[0..1]	float	
LegPaymentStreamRateSpreadType	[0..1]	CodeSet	
LegPaymentStreamRateSpreadPositionType	[0..1]	CodeSet	
LegPaymentStreamRateTreatment	[0..1]	CodeSet	
LegPaymentStreamCapRate	[0..1]	Percentage	
LegPaymentStreamCapRateBuySide	[0..1]	CodeSet	
LegPaymentStreamCapRateSellSide	[0..1]	CodeSet	
LegPaymentStreamFloorRate	[0..1]	Percentage	
LegPaymentStreamFloorRateBuySide	[0..1]	CodeSet	
LegPaymentStreamFloorRateSellSide	[0..1]	CodeSet	
LegPaymentStreamInitialRate	[0..1]	Percentage	
LegPaymentStreamLastResetRate	[0..1]	Percentage	
LegPaymentStreamFinalRate	[0..1]	Percentage	
LegPaymentStreamFinalRateRoundingDirection	[0..1]	CodeSet	
LegPaymentStreamFinalRatePrecision	[0..1]	int	

Name	Mult.	Type	Description
LegPaymentStreamAveragingMethod	[0..1]	CodeSet	
LegPaymentStreamNegativeRateTreatment	[0..1]	CodeSet	
LegPaymentStreamCalculationLagPeriod	[0..1]	int	Conditionally required when LegPaymentStreamCalculationLagUnit(41579) is specified.
LegPaymentStreamCalculationLagUnit	[0..1]	CodeSet	Conditionally required when LegPaymentStreamCalculationLagPeriod(41578) is specified.
LegPaymentStreamFirstObservationDateUnadjusted	[0..1]	LocalMktDate	
LegPaymentStreamFirstObservationDateRelativeTo	[0..1]	int	
LegPaymentStreamFirstObservationDateOffsetDayType	[0..1]	CodeSet	
LegPaymentStreamFirstObservationDateOffsetPeriod	[0..1]	int	Conditionally required when LegPaymentStreamFirstObservationOffsetUnit(41581) is specified.
LegPaymentStreamFirstObservationDateOffsetUnit	[0..1]	CodeSet	Conditionally required when LegPaymentStreamFirstObservationOffsetPeriod(41580) is specified.
LegPaymentStreamFirstObservationDateAdjusted	[0..1]	LocalMktDate	
LegPaymentStreamPricingDayType	[0..1]	CodeSet	
LegPaymentStreamPricingDayDistribution	[0..1]	CodeSet	
LegPaymentStreamPricingDayCount	[0..1]	int	
LegPaymentStreamPricingBusinessCalendar	[0..1]	String	
LegPaymentStreamPricingBusinessDayConvention	[0..1]	CodeSet	When specified, this overrides the business day convention defined in the LegDateAdjustment component in InstrumentLeg. The specified values would be specific to the payment stream pricing date.
LegPaymentStreamPricingBusinessCenterGrp	[0..*]	Group	When specified, this overrides the business centers defined in the LegDateAdjustment component in InstrumentLeg. The specified values would be specific to the the payment stream pricing date.
LegPaymentStreamPricingDayGrp	[0..*]	Group	
LegPaymentStreamPricingDateGrp	[0..*]	Group	



Name	Mult.	Type	Description
LegPaymentStreamInflationLagPeriod	[0..1]	int	Conditionally required when LegPaymentStreamInflationLagUnit(40351) is specified.
LegPaymentStreamInflationLagUnit	[0..1]	CodeSet	Conditionally required when LegPaymentStreamInflationLagPeriod(40350) is specified.
LegPaymentStreamInflationLagDay-Type	[0..1]	CodeSet	
LegPaymentStreamInflationInterpolationMethod	[0..1]	CodeSet	
LegPaymentStreamInflationIndexSource	[0..1]	CodeSet	
LegPaymentStreamInflationPublicationSource	[0..1]	String	
LegPaymentStreamInflationInitialIndexLevel	[0..1]	float	
LegPaymentStreamInflationFallbackBondApplicable	[0..1]	Boolean	
LegPaymentStreamFRADiscounting	[0..1]	CodeSet	
LegPaymentStreamUnderlierRefID	[0..1]	String	
LegPaymentStreamFormula	[0..1]	Component	
LegDividendConditions	[0..1]	Component	
LegReturnRateNotionalReset	[0..1]	Boolean	
LegReturnRateGrp	[0..*]	Group	
LegPaymentStreamLinkInitialLevel	[0..1]	Price	
LegPaymentStreamLinkClosingLevelIndicator	[0..1]	Boolean	
LegPaymentStreamLinkExpiringLevelIndicator	[0..1]	Boolean	
LegPaymentStreamLinkEstimatedTradingDays	[0..1]	int	
LegPaymentStreamLinkStrikePrice	[0..1]	Price	
LegPaymentStreamLinkStrikePriceType	[0..1]	CodeSet	
LegPaymentStreamLinkMaximumBoundary	[0..1]	float	
LegPaymentStreamLinkMinimumBoundary	[0..1]	float	

Name	Mult.	Type	Description
LegPaymentStreamLinkNumberOfDataSeries	[0..1]	int	
LegPaymentStreamVarianceUnadjustedCap	[0..1]	float	
LegPaymentStreamRealizedVarianceMethod	[0..1]	CodeSet	
LegPaymentStreamDaysAdjustmentIndicator	[0..1]	Boolean	
LegPaymentStreamNearestExchangeContractRefID	[0..1]	String	
LegPaymentStreamVegaNotionalAmount	[0..1]	float	

Used in components: [LegPaymentStream](#)

#### 170.2.1956 LegPaymentStreamFloorRate

The floor rate, if any, which applies to the floating rate. The floor rate (strike) is only required where the floating rate on a swap stream is floored at a certain strike level. The floor rate is assumed to be exclusive of any spread and is a per annum rate. The rate is expressed as a decimal, e.g. 5% is represented as 0.05.

Type: [Percentage](#)

Used in components: [LegPaymentStreamFloatingRate](#)

#### 170.2.1957 LegPaymentStreamFloorRateBuySide

Reference to the buyer of the floor rate option through its trade side.

Type: [int](#)

Allowed values in PaymentStreamFloorRateBuySideCodeSet:

Code	Name	Description
1	Buyer	Buyer of the trade
2	Seller	Seller of the trade

Used in components: [LegPaymentStreamFloatingRate](#)

**170.2.1958 LegPaymentStreamFloorRateSellSide**

Reference to the seller of the floor rate option through its trade side.

Type: [int](#)

Allowed values in PaymentStreamFloorRateBuySideCodeSet:

---

Code	Name	Description
1	Buyer	Buyer of the trade
2	Seller	Seller of the trade

---

Used in components: [LegPaymentStreamFloatingRate](#)

**170.2.1959 LegPaymentStreamFormula**

Contains an XML representation of the formula. Defined for flexibility in choice of language (MathML, OpenMath or text).

Type: [XMLData](#)

Used in groups: [LegPaymentStreamFormulaMathGrp](#)

**170.2.1960 LegPaymentStreamFormula**

LegPaymentStreamFormula is a subcomponent of the LegPaymentStreamFloatingRate component used to report the parameters for determining the floating rate of the stream e.g. for equity swaps.

---

Name	Mult.	Type	Description
<a href="#">LegPaymentStreamFormulaCurrency</a>	[0..1]	Currency	
<a href="#">LegPaymentStreamFormulaCurrency-DeterminationMethod</a>	[0..1]	String	
<a href="#">LegPaymentStreamFormulaReferenceAmount</a>	[0..1]	int	
<a href="#">LegPaymentStreamFormulaMathGrp</a>	[0..*]	Group	
<a href="#">LegPaymentStreamFormulaImage</a>	[0..1]	Component	

---

Used in components: [LegPaymentStreamFloatingRate](#)

#### **170.2.1961 LegPaymentStreamFormulaCurrency**

The currency in which the formula amount is denominated. Uses ISO 4217 currency codes.

Type: **Currency**

Used in components: **LegPaymentStreamFormula**

#### **170.2.1962 LegPaymentStreamFormulaCurrencyDeterminationMethod**

Specifies the method according to which the formula amount currency is determined.

See <http://www.fpml.org/coding-scheme/determination-method> for values.

Type: **String**

Used in components: **LegPaymentStreamFormula**

#### **170.2.1963 LegPaymentStreamFormulaDesc**

A description of the math formula in LegPaymentStreamFormula(42486).

Type: **String**

Used in groups: **LegPaymentStreamFormulaMathGrp**

#### **170.2.1964 LegPaymentStreamFormulaImage**

Image of the formula image when represented through an encoded clip in base64Binary.

Type: **data**

Used in components: **LegPaymentStreamFormulaImage**

#### **170.2.1965 LegPaymentStreamFormulaImage**

LegPaymentStreamFormulaImage is a subcomponent of the LegPaymentStreamFormula component used to include a base64Binary-encoded image clip of the formula.

Name	Mult.	Type	Description
<a href="#">LegPaymentStreamFormulalImageLength</a>	[0..1]	Length	Conditionally required when LegPaymentStreamFormulalImage(42452) is specified.
<a href="#">LegPaymentStreamFormulalImage</a>	[0..1]	data	Conditionally required when LegPaymentStreamFormulalImageLength(42451) is specified.

Used in components: [LegPaymentStreamFormula](#)

### 170.2.1966 LegPaymentStreamFormulalImageLength

Length in bytes of the LegPaymentStreamFormulalImage(42452) field.

Type: [Length](#)

Used in components: [LegPaymentStreamFormulalImage](#)

### 170.2.1967 LegPaymentStreamFormulaLength

Byte length of encoded (non-ASCII characters) LegPaymentStreamFormula(42486) field.

Type: [Length](#)

Used in groups: [LegPaymentStreamFormulaMathGrp](#)

### 170.2.1968 LegPaymentStreamFormulaMathGrp

LegPaymentStreamFormulaMathGrp is a repeating subcomponent within the LegPaymentStreamFormula component. It is used to specify the set of formulas, sub-formulas and descriptions from which the rate is derived.

Name	Mult.	Type	Description
<a href="#">NoLegPaymentStreamFormulas</a>	[1..1]	NumInGroup	
<a href="#">LegPaymentStreamFormulaLength</a>	[0..1]	Length	Required if NoLegPaymentStreamFormulas(42485) > 0.
<a href="#">LegPaymentStreamFormula</a>	[0..1]	XMLData	Required if NoLegPaymentStreamFormulas(42485) > 0.
<a href="#">LegPaymentStreamFormulaDesc</a>	[0..1]	String	

Used in components: [LegPaymentStreamFormula](#)

### **170.2.1969 LegPaymentStreamFormulaReferenceAmount**

Specifies the reference amount when this term either corresponds to the standard ISDA Definition (either the 2002 Equity Definition for the Equity Amount, or the 2000 Definition for the Interest Amount), or refers to a term defined elsewhere in the swap document.

See [http://www.fixtradingcommunity.org/codelists#Payment\\_Amount\\_Relative\\_To](http://www.fixtradingcommunity.org/codelists#Payment_Amount_Relative_To) for code list of reference amounts.

Type: [int](#)

Used in components: [LegPaymentStreamFormula](#)

### **170.2.1970 LegPaymentStreamFRADiscounting**

The method of Forward Rate Agreement (FRA) discounting, if any, that will apply.

Type: [int](#)

Allowed values in PaymentStreamFRADiscountingCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	None	None
1	ISDA	International Swaps and Derivatives Association (ISDA)
2	AFMA	Australian Financial Markets Association (AFMA)

---

Used in components: [LegPaymentStreamFloatingRate](#)

### **170.2.1971 LegPaymentStreamFutureValueDateAdjusted**

The adjusted value date of the future value amount.

Type: [LocalMktDate](#)

Used in components: [LegPaymentStreamFixedRate](#)

**170.2.1972 LegPaymentStreamFutureValueNotional**

The future value notional is normally only required for certain non-deliverable interest rate swaps (e.g. Brazillian Real (BRL) vs. CETIP Interbank Deposit Rate (CDI)). The value is calculated as follows: Future Value Notional = Notional Amount \* (1 + Fixed Rate) ^ (Fixed Rate Day Count Fraction). The currency is the same as the stream notional.

Type: **Amt**

Used in components: **LegPaymentStreamFixedRate**

**170.2.1973 LegPaymentStreamInflationFallbackBondApplicable**

Indicates whether a fallback bond as defined in the 2006 ISDA Inflation Derivatives Definitions, sections 1.3 and 1.8, is applicable or not. If not specified, the default value is "Y" (True/Yes).

Type: **Boolean**

Used in components: **LegPaymentStreamFloatingRate**

**170.2.1974 LegPaymentStreamInflationIndexSource**

The inflation index reference source.

Type: **int**

Allowed values in PaymentStreamRateIndexSourceCodeSet:

Code	Name	Description
0	Bloomberg	Bloomberg
1	Reuters	Reuters
2	Telerate	Telerate
99	Other	Other

Used in components: **LegPaymentStreamFloatingRate**

**170.2.1975 LegPaymentStreamInflationInitialIndexLevel**

Initial known index level for the first calculation period.

Type: **float**

Used in components: **LegPaymentStreamFloatingRate**

**170.2.1976 LegPaymentStreamInflationInterpolationMethod**

The method used when calculating the inflation index level from multiple points. The most common is linear method.

Type: **int**

Allowed values in PaymentStreamInflationInterpolationMethodCodeSet:

Code	Name	Description
0	None	None
1	LinearZeroYield	Linear zero yield

Used in components: [LegPaymentStreamFloatingRate](#)

**170.2.1977 LegPaymentStreamInflationLagDayType**

The inflation lag period day type.

Type: **int**

Allowed values in PaymentStreamInflationLagDayTypeCodeSet:

Code	Name	Description
0	Business	Business
1	Calendar	Calendar
2	CommodityBusiness	Commodity business
3	CurrencyBusiness	Currency business
4	ExchangeBusiness	Exchange business
5	ScheduledTradingDay	Scheduled trading day

Used in components: [LegPaymentStreamFloatingRate](#)

**170.2.1978 LegPaymentStreamInflationLagPeriod**

Time unit multiplier for the inflation lag period. The lag period is the offsetting period from the payment date which determines the reference period for which the inflation index is observed.

Type: **int**

Used in components: [LegPaymentStreamFloatingRate](#)



**170.2.1979 LegPaymentStreamInflationLagUnit**

Time unit associated with the inflation lag period.

Type: **String**

Allowed values in PaymentStreamInflationLagUnitCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
D	Day	Day
Wk	Week	Week
Mo	Month	Month
Yr	Year	Year

---

Used in components: **LegPaymentStreamFloatingRate**

**170.2.1980 LegPaymentStreamInflationPublicationSource**

The publication source, such as relevant web site, news publication or a government body, where inflation information is obtained.

Type: **String**

Used in components: **LegPaymentStreamFloatingRate**

**170.2.1981 LegPaymentStreamInitialFixingDateAdjusted**

The adjusted initial fixing date.

Type: **LocalMktDate**

Used in components: **LegPaymentStreamResetDates**

**170.2.1982 LegPaymentStreamInitialFixingDateBusinessCenter**

The business center calendar used to adjust the payment stream's initial fixing date, e.g. "GBLO".

See <http://www.fpml.org/coding-scheme/business-center> for standard 4-character code values.

Type: **String**

Used in groups: **LegPaymentStreamInitialFixingDateBusinessCenterGrp**

**170.2.1983 LegPaymentStreamInitialFixingDateBusinessCenterGrp**

LegPaymentStreamInitialFixingDateBusinessCenterGrp is a repeating subcomponent within the LegPaymentStreamResetDates component used to specify the set of business centers whose calendars drive the date adjustment. Used only to override the business centers defined in the LegDateAdjustment component in InstrumentLeg.

Name	Mult.	Type	Description
NoLegPaymentStreamInitialFixingDateBusinessCenters	[1..1]	NumInGroup	
LegPaymentStreamInitialFixingDateBusinessCenter	[0..1]	String	Required if NoLegPaymentStreamInitialFixingDateBusinessCenters(40932) > 0.

Used in components: [LegPaymentStreamResetDates](#)

**170.2.1984 LegPaymentStreamInitialFixingDateBusinessDayConvention**

The business day convention used to adjust the payment stream's initial fixing date. Used only to override the business day convention specified in the LegDateAdjustment component within the InstrumentLeg component.

Type: [int](#)

Allowed values in BusinessDayConventionCodeSet:

Code	Name	Description
0	NotApplicable	Not applicable. Business day convention is not applicable.
1	None	None (current day)
2	FollowingDay	Following day. The following business day.
3	FloatingRateNote	Floating rate note. The FRN business day convention.
4	ModifiedFollowingDay	Modified following day. The modified following business day.
5	PrecedingDay	Preceding day. The preceding business day.
6	ModifiedPrecedingDay	Modified preceding day. The modified preceding business day.
7	NearestDay	Nearest day. The nearest applicable business day.

Used in components: [LegPaymentStreamResetDates](#)

**170.2.1985 LegPaymentStreamInitialFixingDateOffsetDayType**

Specifies the day type of the relative initial fixing date offset.

Type: **int**

Allowed values in PaymentStreamPaymentDateOffsetDayTypeCodeSet:

---

Code	Name	Description
0	Business	Business
1	Calendar	Calendar
2	CommodityBusiness	Commodity business
3	CurrencyBusiness	Currency business
4	ExchangeBusiness	Exchange business
5	ScheduledTradingDay	Scheduled trading day

---

Used in components: [LegPaymentStreamResetDates](#)

**170.2.1986 LegPaymentStreamInitialFixingDateOffsetPeriod**

Time unit multiplier for the relative initial fixing date offset.

Type: **int**

Used in components: [LegPaymentStreamResetDates](#)

**170.2.1987 LegPaymentStreamInitialFixingDateOffsetUnit**

Time unit associated with the relative initial fixing date offset.

Type: **String**

Allowed values in PaymentStreamPaymentDateOffsetUnitCodeSet:

---

Code	Name	Description
D	Day	Day
Wk	Week	Week
Mo	Month	Month
Yr	Year	Year

---

Used in components: [LegPaymentStreamResetDates](#)

**170.2.1988 LegPaymentStreamInitialFixingDateRelativeTo**

Specifies the anchor date when the initial fixing date is relative to an anchor date.

See [http://www.fixtradingcommunity.org/codelists#Relative\\_To\\_Date](http://www.fixtradingcommunity.org/codelists#Relative_To_Date) for values.

Type: **int**

Used in components: **LegPaymentStreamResetDates**

**170.2.1989 LegPaymentStreamInitialPrincipalExchangeIndicator**

Indicates whether there is an initial exchange of principal on the effective date.

Type: **Boolean**

Used in components: **LegPaymentStream**

**170.2.1990 LegPaymentStreamInitialRate**

The initial floating rate reset agreed between the principal parties involved in the trade. This is assumed to be the first required reset rate for the first regular calculation period. It should only be included when the rate is not equal to the rate published on the source implied by the floating rate index. The initial rate is expressed in decimal form, e.g. 5% is represented as 0.05.

Type: **Percentage**

Used in components: **LegPaymentStreamFloatingRate**

**170.2.1991 LegPaymentStreamInterimPrincipalExchangeIndicator**

Indicates whether there are intermediate or interim exchanges of principal during the term of the swap.

Type: **Boolean**

Used in components: **LegPaymentStream**

**170.2.1992 LegPaymentStreamInterpolationMethod**

The method used when calculating the index rate from multiple points on the curve. The most common is linear method.

Type: **int**

Allowed values in PaymentStreamInflationInterpolationMethodCodeSet:

---

Code	Name	Description
0	None	None
1	LinearZeroYield	Linear zero yield

---

Used in components: **LegPaymentStream**

### **170.2.1993 LegPaymentStreamInterpolationPeriod**

Defines applicable periods for interpolation.

Type: **int**

Allowed values in PaymentStreamInterpolationPeriodCodeSet:

---

Code	Name	Description
0	Initial	Initial. Interpolation is applicable to the initial period only.
1	InitialAndFinal	Initial and final. Interpolation is applicable to the initial and final periods only.
2	Final	Final. Interpolation is applicable to the final period only.
3	AnyPeriod	Any period. Interpolation is applicable to any non-standard period.

---

Used in components: **LegPaymentStream**

### **170.2.1994 LegPaymentStreamLastRegularPaymentDateUnadjusted**

The unadjusted last regular payment date.

Type: **LocalMktDate**

Used in components: **LegPaymentStreamPaymentDates**

**170.2.1995 LegPaymentStreamLastResetRate**

The floating rate determined at the most recent reset. The rate is expressed in decimal form, e.g. 5% is represented as 0.05.

Type: **Percentage**

Used in components: **LegPaymentStreamFloatingRate**

**170.2.1996 LegPaymentStreamLinkClosingLevelIndicator**

Indicates whether the correlation or variance swap contract will ("Y") strike off the closing level of the default exchange traded contract or not.

Type: **Boolean**

Used in components: **LegPaymentStreamFloatingRate**

**170.2.1997 LegPaymentStreamLinkEstimatedTradingDays**

The expected number of trading days in the variance or correlation swap stream.

Type: **int**

Used in components: **LegPaymentStreamFloatingRate**

**170.2.1998 LegPaymentStreamLinkExpiringLevelIndicator**

Indicates whether the correlation or variance swap contract will ("Y") strike off the expiring level of the default exchange traded contract or not.

Type: **Boolean**

Used in components: **LegPaymentStreamFloatingRate**

**170.2.1999 LegPaymentStreamLinkInitialLevel**

Price level at which the correlation or variance swap contract will strike.

Type: **Price**

Used in components: **LegPaymentStreamFloatingRate**

### **170.2.2000 LegPaymentStreamLinkMaximumBoundary**

Specifies the maximum or upper boundary for variance or strike determination.

For a variation swap stream all observations above this price level will be excluded from the variance calculation.

For a correlation swap stream the maximum boundary is a percentage of the strike price.

Type: **float**

Used in components: **LegPaymentStreamFloatingRate**

### **170.2.2001 LegPaymentStreamLinkMinimumBoundary**

Specifies the minimum or lower boundary for variance or strike determination.

For a variation swap stream all observations below this price level will be excluded from the variance calculation.

For a correlation swap stream the minimum boundary is a percentage of the strike price.

Type: **float**

Used in components: **LegPaymentStreamFloatingRate**

### **170.2.2002 LegPaymentStreamLinkNumberOfDataSeries**

Number of data series for a correlation swap. Normal market practice is that correlation data sets are drawn from geographic market areas, such as America, Europe and Asia Pacific. Each of these geographic areas will have its own data series to avoid contagion.

Type: **int**

Used in components: **LegPaymentStreamFloatingRate**

### **170.2.2003 LegPaymentStreamLinkStrikePrice**

The strike price of a correlation or variance swap stream.

Type: **Price**

Used in components: **LegPaymentStreamFloatingRate**

**170.2.2004 LegPaymentStreamLinkStrikePriceType**

For a variance swap specifies how LegPaymentStreamLinkStrikePrice(42472) is expressed.

Type: **int**

Allowed values in PaymentStreamLinkStrikePriceTypeCodeSet:

Code	Name	Description
0	Volatility	Volatility
1	Variance	Variance

Used in components: [LegPaymentStreamFloatingRate](#)

**170.2.2005 LegPaymentStreamMarketRate**

Used only for credit index trade. This contains the credit spread ("fair value") at which the trade was executed. The market rate varies over the life of the index depending on market conditions. This is the price of the index as quoted by trading desks.

Type: **int**

Used in components: [LegPaymentStream](#)

**170.2.2006 LegPaymentStreamMasterAgreementPaymentDatesIndicator**

When set to 'Y', it indicates that payment dates are specified in the relevant master agreement.

Type: **Boolean**

Used in components: [LegPaymentStreamPaymentDates](#)

**170.2.2007 LegPaymentStreamNearestExchangeContractRefID**

References a contract listed on an exchange through the instrument's UnderlyingSecurityID(309) which must be fully specified in an instance of the UnderlyingInstrument component.

Type: **String**

Used in components: [LegPaymentStreamFloatingRate](#)



**170.2.2008 LegPaymentStreamNegativeRateTreatment**

The specification of any provisions for calculating payment obligations when a floating rate is negative (either due to a quoted negative floating rate or by operation of a spread that is subtracted from the floating rate).

Type: **int**

Allowed values in PaymentStreamNegativeRateTreatmentCodeSet:

Code	Name	Description
0	ZeroInterestRateMethod	Zero interest rate method
1	NegativeInterestRateMethod	Negative interest rate method

Used in components: [LegPaymentStreamFloatingRate](#)

**170.2.2009 LegPaymentStreamNonDeliverableFixingDateGrp**

LegPaymentStreamNonDeliverableFixingDate is a subcomponent of the LegPaymentStreamNonDeliverableSettlTerms component used to specify predetermined fixing dates.

Name	Mult.	Type	Description
<a href="#">NoLegNonDeliverableFixingDates</a>	[1..1]	NumInGroup	
<a href="#">LegNonDeliverableFixingDate</a>	[0..1]	LocalMktDate	Required if <code>NoLegNonDeliverableFixingDates(40367) &gt; 0</code> .
<a href="#">LegNonDeliverableFixingDateType</a>	[0..1]	CodeSet	When specified it applies not only to the current date but to all subsequent dates in the group until overridden with a new type.

Used in components: [LegPaymentStreamNonDeliverableSettlTerms](#)

**170.2.2010 LegPaymentStreamNonDeliverableFixingDatesBusinessCenter**

The business center calendar used to adjust the payment stream's fixing date for the non-deliverable terms, e.g. "GBLO". See <http://www.fpml.org/coding-scheme/business-center> for standard 4-character code values.

Type: **String**

Used in groups: [LegPaymentStreamNonDeliverableFixingDatesBusinessCenterGrp](#)

**170.2.2011 LegPaymentStreamNonDeliverableFixingDatesBusinessCenterGrp**

LegPaymentStreamNonDeliverableFixingDatesBusinessCenterGrp is a repeating subcomponent within the LegPaymentStreamNonDeliverableSettlTerms component. It is used to specify the set of business centers whose calendars drive the date adjustment. Used only to override the business centers defined in the LegDateAdjustment component in InstrumentLeg.

Name	Mult.	Type	Description
NoLegPaymentStreamNonDeliverable-FixingDateBusinessCenters	[1..1]	NumInGroup	
LegPaymentStreamNonDeliverableFixingDatesBusinessCenter	[0..1]	String	Required if NoLegPaymentStreamNonDeliverable-FixingDatesBusinessCenters(40929) > 0.

Used in components: [LegPaymentStreamNonDeliverableSettlTerms](#)

**170.2.2012 LegPaymentStreamNonDeliverableFixingDatesBusinessDayConvention**

The business day convention used to adjust the payment stream's fixing date for the non-deliverable settlement terms. Used only to override the business day convention specified in the LegDateAdjustment component within the InstrumentLeg component.

Type: **int**

Allowed values in BusinessDayConventionCodeSet:

Code	Name	Description
0	NotApplicable	Not applicable. Business day convention is not applicable.
1	None	None (current day)
2	FollowingDay	Following day. The following business day.
3	FloatingRateNote	Floating rate note. The FRN business day convention.
4	ModifiedFollowingDay	Modified following day. The modified following business day.
5	PrecedingDay	Preceding day. The preceding business day.
6	ModifiedPrecedingDay	Modified preceding day. The modified preceding business day.
7	NearestDay	Nearest day. The nearest applicable business day.

Used in components: [LegPaymentStreamNonDeliverableSettlTerms](#)

**170.2.2013 LegPaymentStreamNonDeliverableFixingDatesOffsetDayType**

Specifies the day type of the relative non-deliverable fixing date offset.

Type: **int**

Allowed values in PaymentStreamPaymentDateOffsetDayTypeCodeSet:

---

Code	Name	Description
0	Business	Business
1	Calendar	Calendar
2	CommodityBusiness	Commodity business
3	CurrencyBusiness	Currency business
4	ExchangeBusiness	Exchange business
5	ScheduledTradingDay	Scheduled trading day

---

Used in components: [LegPaymentStreamNonDeliverableSettlTerms](#)

**170.2.2014 LegPaymentStreamNonDeliverableFixingDatesOffsetPeriod**

Time unit multiplier for the relative non-deliverable fixing date offset.

Type: **int**

Used in components: [LegPaymentStreamNonDeliverableSettlTerms](#)

**170.2.2015 LegPaymentStreamNonDeliverableFixingDatesOffsetUnit**

Time unit associated with the relative non-deliverable fixing date offset.

Type: **String**

Allowed values in PaymentStreamPaymentDateOffsetUnitCodeSet:

---

Code	Name	Description
D	Day	Day
Wk	Week	Week
Mo	Month	Month
Yr	Year	Year

---

Used in components: [LegPaymentStreamNonDeliverableSettlTerms](#)

**170.2.2016 LegPaymentStreamNonDeliverableFixingDatesRelativeTo**

Specifies the anchor date when the non-deliverable fixing dates are relative to an anchor date.

See [http://www.fixtradingcommunity.org/codelists#Relative\\_To\\_Date](http://www.fixtradingcommunity.org/codelists#Relative_To_Date) for values.

Type: **int**

Used in components: [LegPaymentStreamNonDeliverableSettlTerms](#)

**170.2.2017 LegPaymentStreamNonDeliverableRefCurrency**

Non-deliverable settlement reference currency. Uses ISO 4217 currency codes.

Type: **Currency**

Used in components: [LegPaymentStreamNonDeliverableSettlTerms](#)

**170.2.2018 LegPaymentStreamNonDeliverableSettlRateSource**

Identifies the source of the rate information.

Type: **int**

Allowed values in RateSourceCodeSet:

Code	Name	Description
0	Bloomberg	Bloomberg
1	Reuters	Reuters
2	Telerate	Telerate
3	ISDARateOption	ISDA Settlement Rate Option. The source of the currency conversion as specified by the ISDA terms in Annex A to the 1998 FX and Currency Option Definitions. See <a href="http://www.fpml.org/coding-scheme/settlement-rate-option">http://www.fpml.org/coding-scheme/settlement-rate-option</a>
99	Other	Other

Used in components: [LegPaymentStreamNonDeliverableSettlRateSource](#)

**170.2.2019 LegPaymentStreamNonDeliverableSettlRateSource**

LegPaymentStreamNonDeliverableSettlRateSource is a subcomponent of the LegPaymentStreamNonDeliverableSettlTerms component used to specify the rate source in the event of payment non-delivery.

Name	Mult.	Type	Description
<a href="#">LegPaymentStreamNonDeliverableSettlRateSource</a>	[0..1]	CodeSet	
<a href="#">LegPaymentStreamNonDeliverableSettlReferencePage</a>	[0..1]	String	Conditionally required when LegPaymentStreamNonDeliverableSettlRateSource(40087) = 3 (ISDA Settlement Rate Option) or 99 (Other).

Used in components: [LegPaymentStreamNonDeliverableSettlTerms](#)

### 170.2.2020 LegPaymentStreamNonDeliverableSettlReferencePage

Identifies the reference "page" from the rate source.

When LegPaymentStreamNonDeliverableSettlRateSource(40087) = 3 (ISDA Settlement Rate Option) this contains a value from the scheme that reflects the terms of the Annex A to the ISDA 1998 FX and Currency Option Definitions. See: <http://www.fpml.org/coding-scheme/settlement-rate-option>

Type: [String](#)

Used in components: [LegPaymentStreamNonDeliverableSettlRateSource](#)

### 170.2.2021 LegPaymentStreamNonDeliverableSettlTerms

LegPaymentStreamNonDeliverableSettl is a subcomponent of the LegPaymentStream component used to specify the non-deliverable settlement terms of the payment stream.

Name	Mult.	Type	Description
<a href="#">LegPaymentStreamNonDeliverableRefCurrency</a>	[0..1]	Currency	
<a href="#">LegPaymentStreamNonDeliverableFixingDatesBusinessDayConvention</a>	[0..1]	CodeSet	When specified, this overrides the business day convention defined in the LegDateAdjustment component in InstrumentLeg. The specified value would be specific to this instance of the non-deliverable currency's fixing date.
<a href="#">LegPaymentStreamNonDeliverableFixingDatesBusinessCenterGrp</a>	[0..*]	Group	When specified, this overrides the business centers defined in the LegDateAdjustment component in InstrumentLeg. The specified values would be specific to this instance of the non-deliverable currency's fixing date.

Name	Mult.	Type	Description
<a href="#">LegPaymentStreamNonDeliverableFixingDatesRelativeTo</a>	[0..1]	int	
<a href="#">LegPaymentStreamNonDeliverableFixingDatesOffsetPeriod</a>	[0..1]	int	Conditionally required when <a href="#">LegPaymentStreamNonDeliverableFixingDateOffsetUnit(40364)</a> is specified.
<a href="#">LegPaymentStreamNonDeliverableFixingDatesOffsetUnit</a>	[0..1]	CodeSet	Conditionally required when <a href="#">LegPaymentStreamNonDeliverableFixingDateOffsetPeriod(40363)</a> is specified.
<a href="#">LegPaymentStreamNonDeliverableFixingDatesOffsetDayType</a>	[0..1]	CodeSet	
<a href="#">LegPaymentStreamNonDeliverableSettlRateSource</a>	[0..1]	Component	
<a href="#">LegPaymentStreamNonDeliverableFixingDateGrp</a>	[0..*]	Group	
<a href="#">LegSettlRateDisruptionFallbackGrp</a>	[0..*]	Group	

Used in components: [LegPaymentStream](#)

### 170.2.2022 [LegPaymentStreamOtherDayCount](#)

The industry name of the day count convention not listed in [LegPaymentStreamDayCount\(40283\)](#).

Type: [String](#)

Used in components: [LegPaymentStream](#)

### 170.2.2023 [LegPaymentStreamPaymentDate](#)

The adjusted or unadjusted fixed stream payment date.

Type: [LocalMktDate](#)

Used in groups: [LegPaymentStreamPaymentDateGrp](#)

### 170.2.2024 [LegPaymentStreamPaymentDateBusinessCenter](#)

The business center calendar used to adjust the payment stream's payment date, e.g. "GBLO".

See <http://www.fpml.org/coding-scheme/business-center> for standard 4-character code values.

Type: **String**

Used in groups: **LegPaymentStreamPaymentDateBusinessCenterGrp**

### 170.2.2025 LegPaymentStreamPaymentDateBusinessCenterGrp

LegPaymentStreamPaymentDateBusinessCenterGrp is a repeating subcomponent of the LegPaymentStreamPaymentDates component used to specify the set of business centers whose calendars drive date adjustment. Used only to override the business centers defined in the LegDateAdjustment component in InstrumentLeg.

Name	Mult.	Type	Description
NoLegPaymentStreamPaymentDateBusinessCenters	[1..1]	NumInGroup	
LegPaymentStreamPaymentDateBusinessCenter	[0..1]	String	Requirend if NoLegPaymentStreamPaymentDateBusinessCenters(40930) > 0.

Used in components: **LegPaymentStreamPaymentDates**

### 170.2.2026 LegPaymentStreamPaymentDateBusinessDayConvention

The business day convention used to adjust the payment stream's payment date. Used only to override the business day convention specified in the LegDateAdjustment component within the InstrumentLeg component.

Type: **int**

Allowed values in BusinessDayConventionCodeSet:

Code	Name	Description
0	NotApplicable	Not applicable. Business day convention is not applicable.
1	None	None (current day)
2	FollowingDay	Following day. The following business day.
3	FloatingRateNote	Floating rate note. The FRN business day convention.
4	ModifiedFollowingDay	Modified following day. The modified following business day.
5	PrecedingDay	Preceding day. The preceding business day.
6	ModifiedPrecedingDay	Modified preceding day. The modified preceding business day.
7	NearestDay	Nearest day. The nearest applicable business day.

Used in components: [LegPaymentStreamPaymentDates](#)

### 170.2.2027 LegPaymentStreamPaymentDateGrp

The LegPaymentStreamPaymentDateGrp is a repeating subcomponent of the LegPaymentStreamPaymentDates component used to detail fixed dates for swap stream payments.

Name	Mult.	Type	Description
<a href="#">NoLegPaymentStreamPaymentDates</a>	[1..1]	NumInGroup	
<a href="#">LegPaymentStreamPaymentDate</a>	[0..1]	LocalMktDate	Required if NoLegPaymentStreamPaymentDates(41589) > 0.
<a href="#">LegPaymentStreamPaymentDateType</a>	[0..1]	CodeSet	When specified it applies not only to the current date but to all subsequent dates in the group until overridden with a new type.

Used in components: [LegPaymentStreamPaymentDates](#)

### 170.2.2028 LegPaymentStreamPaymentDateOffsetDayType

Specifies the day type of the relative payment date offset.

Type: [int](#)

Allowed values in PaymentStreamPaymentDateOffsetDayTypeCodeSet:

Code	Name	Description
0	Business	Business
1	Calendar	Calendar
2	CommodityBusiness	Commodity business
3	CurrencyBusiness	Currency business
4	ExchangeBusiness	Exchange business
5	ScheduledTradingDay	Scheduled trading day

Used in components: [LegPaymentStreamPaymentDates](#)



**170.2.2029 LegPaymentStreamPaymentDateOffsetPeriod**

Time unit multiplier for the relative payment date offset.

Type: **int**

Used in components: **LegPaymentStreamPaymentDates**

**170.2.2030 LegPaymentStreamPaymentDateOffsetUnit**

Time unit associated with the relative payment date offset.

Type: **String**

Allowed values in PaymentStreamPaymentDateOffsetUnitCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
D	Day	Day
Wk	Week	Week
Mo	Month	Month
Yr	Year	Year

---

Used in components: **LegPaymentStreamPaymentDates**

**170.2.2031 LegPaymentStreamPaymentDateRelativeTo**

Specifies the anchor date when payment dates are relative to an anchor date.

See [http://www.fixtradingcommunity.org/codelists#Relative\\_To\\_Date](http://www.fixtradingcommunity.org/codelists#Relative_To_Date) for values.

Type: **int**

Used in components: **LegPaymentStreamPaymentDates**

**170.2.2032 LegPaymentStreamPaymentDates**

The LegPaymentStreamPaymentDates component is a subcomponent of the LegPaymentStream component used to specify the payment dates of the stream.

Name	Mult.	Type	Description
LegPaymentStreamPaymentDateBusinessDayConvention	[0..1]	CodeSet	When specified, this overrides the business day convention defined in the LegDateAdjustment component in InstrumentLeg. The specified value would be specific to this instance of the leg payment stream.
LegPaymentStreamPaymentDateBusinessCenterGrp	[0..*]	Group	When specified, this overrides the business centers defined in the LegDateAdjustment component in InstrumentLeg. The specified values would be specific to this instance of the leg payment stream.
LegPaymentStreamPaymentDateGrp	[0..*]	Group	
LegPaymentStreamPaymentFrequencyPeriod	[0..1]	int	Conditionally required when LegPaymentStreamPaymentFrequencyUnit(40295) is specified.
LegPaymentStreamPaymentFrequencyUnit	[0..1]	CodeSet	Conditionally required when LegPaymentStreamFrequencyPeriod(40294) is specified.
LegPaymentStreamPaymentRollConvention	[0..1]	CodeSet	When specified, this overrides the date roll convention defined in the LegDateAdjustment component in InstrumentLeg. The specified values would be specific to this instance of the stream payment dates.
LegPaymentStreamFirstPaymentDateUnadjusted	[0..1]	LocalMktDate	
LegPaymentStreamLastRegularPaymentDateUnadjusted	[0..1]	LocalMktDate	
LegPaymentStreamPaymentDateRelativeTo	[0..1]	int	
LegPaymentStreamPaymentDateOffsetPeriod	[0..1]	int	Conditionally required when LegPaymentStreamPaymentDateOffsetUnit(40301) is specified.
LegPaymentStreamPaymentDateOffsetUnit	[0..1]	CodeSet	Conditionally required when LegPaymentStreamPaymentDateOffsetPeriod(40300) is specified.
LegPaymentStreamPaymentDateOffsetDayType	[0..1]	CodeSet	
LegPaymentStreamMasterAgreementPaymentDatesIndicator	[0..1]	Boolean	
LegPaymentStreamFinalPricePaymentDate	[0..1]	Component	

Used in components: [LegPaymentStream](#)

**170.2.2033 LegPaymentStreamPaymentDateType**

Specifies the type of payment date. When specified it applies not only to the current date but to all subsequent dates in the group until overridden with a new type.

Type: **int**

Allowed values in OptionExerciseDateTypeCodeSet:

---

Code	Name	Description
0	Unadjusted	Unadjusted
1	Adjusted	Adjusted

---

Used in groups: [LegPaymentStreamPaymentDateGrp](#)

**170.2.2034 LegPaymentStreamPaymentFrequencyPeriod**

Time unit multiplier for the frequency of payments.

Type: **int**

Used in components: [LegPaymentStreamPaymentDates](#)

**170.2.2035 LegPaymentStreamPaymentFrequencyUnit**

Time unit associated with the frequency of payments.

Type: **String**

Allowed values in PaymentStreamPaymentFrequencyUnitCodeSet:

---

Code	Name	Description
D	Day	Day
Wk	Week	Week
Mo	Month	Month
Yr	Year	Year
T	Term	Term

---

Used in components: [LegPaymentStreamPaymentDates](#)

**170.2.2036 LegPaymentStreamPaymentRollConvention**

The convention for determining the sequence of end dates. It is used in conjunction with a specified frequency. Used only to override the roll convention specified in the LegDateAdjustment component within the InstrumentLeg component.

Type: **String**

Allowed values in DateRollConventionCodeSet:

<b>Code</b>	<b>Name</b>	<b>Description</b>
1	FirstDay	1st day of the month
2	SecondDay	2nd day of the month
3	ThirdDay	3rd day of the month
4	FourthDay	4th day of the month
5	FifthDay	5th day of the month
6	SixthDay	6thd day of the month
7	SeventhDay	7th day of the month
8	EighthDay	8th day of the month
9	NinthDay	9th day of the month
10	TenthDay	10th day of the month
11	EleventhDay	11th day of the month
12	TwelvthDay	12th day of the month
13	ThirteenthDay	13th day of the month
14	ForteenthDay	14th day of the month
15	FifteenthDay	15th day of the month
16	SixteenthDay	16th day of the month
17	SeventeenthDay	17th day of the month
18	EighteenthDay	18th day of the month
19	NineteenthDay	19th day of the month
20	TwentiethDay	20th day of the month
21	TwentyFirstDay	21st day of the month
22	TwentySecondDay	22nd day of the month
23	TwentyThirdDay	23rd day of the month
24	TwentyFourthDay	24th day of the month
25	TwentyFifthDay	25th day of the month
26	TwentySixthDay	26th day of the month
27	TwentySeventhDay	27th day of the month

Code	Name	Description
28	TwentyEighthDa28y	28th day of the month
29	TwentyNinthDay	29th day of the month
30	ThirtiethDay	30th day of the month
EOM	EOM	The end of the month. Use EOM for 31st day of the month.
FRN	FRN	The floating rate note convention or Eurodollar convention.
IMM	IMM	The International Money Market settlement date, i.e. the 3rd Wednesday of the month.
IMMCAD	IMMCAD	The last trading day/expiration day of the Canadian Derivatives Exchange.
IMMAUD	IMMAUD	The last trading day of the Sydney Futures Exchange Australian 90-day bank accepted bill futures contract.
IMMNZD	IMMNZD	The last trading day of the Sydney Futures Exchange New Zealand 90-day bank bill futures contract.
SFE	SFE	The Sydney Futures Exchange 90-day bank accepted bill futures settlement dates.
NONE	NONE	No adjustment
TBILL	TBILL	The 13-week and 26-week U.S. Treasury Bill auction dates.
MON	MON	Monday
TUE	TUE	Tuesday
WED	WED	Wednesday
THU	THU	Thursday
FRI	FRI	Friday
SAT	SAT	Saturday
SUN	SUN	Sunday

Used in components: [LegPaymentStreamPaymentDates](#)

### 170.2.2037 LegPaymentStreamPricingBusinessCalendar

Specifies the business calendar to use for pricing.

See <http://www.fpml.org/coding-scheme/commodity-business-calendar> for values.

Type: [String](#)

Used in components: [LegPaymentStreamFloatingRate](#)

**170.2.2038 LegPaymentStreamPricingBusinessCenter**

The business center calendar used to adjust the pricing dates, e.g. "GBLO".

See <http://www.fpml.org/coding-scheme/business-center> for standard 4-character code values.

Type: **String**

Used in groups: **LegPaymentStreamPricingBusinessCenterGrp**

**170.2.2039 LegPaymentStreamPricingBusinessCenterGrp**

LegPaymentStreamPricingBusinessCenterGrp is a repeating subcomponent of the LegPaymentStreamFloatingRate component used to specify the set of business centers whose calendars drive date adjustment. Used only to override the business centers defined in the LegDateAdjustment component in InstrumentLeg.

Name	Mult.	Type	Description
NoLegPaymentStreamPricingBusinessCenters	[1..1]	NumInGroup	
LegPaymentStreamPricingBusinessCenter	[0..1]	String	Required if NoLegPaymentStreamPricingBusinessCenters(41561) > 0.

Used in components: **LegPaymentStreamFloatingRate**

**170.2.2040 LegPaymentStreamPricingBusinessDayConvention**

The business day convention used to adjust the payment stream's pricing dates. Used only to override the business day convention specified in the LegDateAdjustment component within the InstrumentLeg component.

Type: **int**

Allowed values in BusinessDayConventionCodeSet:

Code	Name	Description
0	NotApplicable	Not applicable. Business day convention is not applicable.
1	None	None (current day)
2	FollowingDay	Following day. The following business day.

Code	Name	Description
3	FloatingRateNote	Floating rate note. The FRN business day convention.
4	ModifiedFollowingDay	Modified following day. The modified following business day.
5	PrecedingDay	Preceding day. The preceding business day.
6	ModifiedPrecedingDay	Modified preceding day. The modified preceding business day.
7	NearestDay	Nearest day. The nearest applicable business day.

Used in components: [LegPaymentStreamFloatingRate](#)

#### 170.2.2041 LegPaymentStreamPricingDate

The adjusted or unadjusted fixed stream pricing date.

Type: [LocalMktDate](#)

Used in groups: [LegPaymentStreamPricingDateGrp](#)

#### 170.2.2042 LegPaymentStreamPricingDateGrp

The LegPaymentStreamPricingDateGrp is a repeating subcomponent of the LegPaymentStreamFloatingRate component used to detail fixed pricing dates.

Name	Mult.	Type	Description
<a href="#">NoLegPaymentStreamPricingDates</a>	[1..1]	NumInGroup	
<a href="#">LegPaymentStreamPricingDate</a>	[0..1]	LocalMktDate	Required if NoPaymentStreamPricingDates(41593) > 0.
<a href="#">LegPaymentStreamPricingDateType</a>	[0..1]	CodeSet	When specified it applies not only to the current date but to all subsequent dates in the group until overridden with a new type.

Used in components: [LegPaymentStreamFloatingRate](#)

#### 170.2.2043 LegPaymentStreamPricingDateType

Specifies the type of pricing date. When specified it applies not only to the current date but to all subsequent dates in the group until overridden with a new type.

Type: **int**

Allowed values in OptionExerciseDateTypeCodeSet:

---

Code	Name	Description
0	Unadjusted	Unadjusted
1	Adjusted	Adjusted

---

Used in groups: [LegPaymentStreamPricingDateGrp](#)

#### **170.2.2044 LegPaymentStreamPricingDayCount**

The number of days over which pricing should take place.

Type: **int**

Used in components: [LegPaymentStreamFloatingRate](#)

#### **170.2.2045 LegPaymentStreamPricingDayDistribution**

The distribution of pricing days.

Type: **int**

Allowed values in PaymentStreamPricingDayDistributionCodeSet:

---

Code	Name	Description
0	All	All
1	First	First
2	Last	Last
3	Penultimate	Penultimate

---

Used in components: [LegPaymentStreamFloatingRate](#)

#### **170.2.2046 LegPaymentStreamPricingDayGrp**

The LegPaymentStreamPricingDayGrp is a repeating subcomponent of the LegPaymentStreamFloatingRate component used to detail periodic pricing days.



Name	Mult.	Type	Description
NoLegPaymentStreamPricingDays	[1..1]	NumInGroup	
LegPaymentStreamPricingDayOfWeek	[0..1]	CodeSet	Required if NoLegPaymentStreamPricingDays(41596) > 0.
LegPaymentStreamPricingDayNumber	[0..1]	int	

Used in components: [LegPaymentStreamFloatingRate](#)

### 170.2.2047 LegPaymentStreamPricingDayNumber

The occurrence of the day of week on which pricing takes place.

Type: [int](#)

Used in groups: [LegPaymentStreamPricingDayGrp](#)

### 170.2.2048 LegPaymentStreamPricingDayOfWeek

The day of the week on which pricing takes place.

Type: [int](#)

Allowed values in PaymentStreamPricingDayOfWeekCodeSet:

Code	Name	Description
0	EveryDay	Every day (the default if not specified)
1	Monday	Monday
2	Tuesday	Tuesday
3	Wednesday	Wednesday
4	Thursday	Thursday
5	Friday	Friday
6	Saturday	Saturday
7	Sunday	Sunday

Used in groups: [LegPaymentStreamPricingDayGrp](#)

**170.2.2049 LegPaymentStreamPricingDayType**

Specifies the commodity pricing day type.

Type: **int**

Allowed values in ComplexEventDateOffsetDayTypeCodeSet:

Code	Name	Description
0	Business	Business
1	Calendar	Calendar
2	CommodityBusiness	Commodity business
3	CurrencyBusiness	Currency business
4	ExchangeBusiness	Exchange business
5	ScheduledTradingDay	Scheduled trading day

Used in components: **LegPaymentStreamFloatingRate**

**170.2.2050 LegPaymentStreamRate**

The rate applicable to the fixed rate payment stream.

Type: **Percentage**

Used in components: **LegPaymentStreamFixedRate**

**170.2.2051 LegPaymentStreamRateConversionFactor**

The number to be multiplied by the derived floating rate of the leg's payment stream in order to arrive at the payment rate. If omitted, the floating rate conversion factor is 1.

Type: **float**

Used in components: **LegPaymentStreamFloatingRate**

**170.2.2052 LegPaymentStreamRateCutoffDateOffsetDayType**

Specifies the day type of the relative rate cut-off date offset.

Type: **int**

Allowed values in PaymentStreamPaymentDateOffsetDayTypeCodeSet:

Code	Name	Description
0	Business	Business
1	Calendar	Calendar
2	CommodityBusiness	Commodity business
3	CurrencyBusiness	Currency business
4	ExchangeBusiness	Exchange business
5	ScheduledTradingDay	Scheduled trading day

Used in components: [LegPaymentStreamResetDates](#)

#### **170.2.2053 LegPaymentStreamRateCutoffDateOffsetPeriod**

Time unit multiplier for the relative rate cut-off date offset.

Type: [int](#)

Used in components: [LegPaymentStreamResetDates](#)

#### **170.2.2054 LegPaymentStreamRateCutoffDateOffsetUnit**

Time unit associated with the relative rate cut-off date offset.

Type: [String](#)

Allowed values in PaymentStreamPaymentDateOffsetUnitCodeSet:

Code	Name	Description
D	Day	Day
Wk	Week	Week
Mo	Month	Month
Yr	Year	Year

Used in components: [LegPaymentStreamResetDates](#)

**170.2.2055 LegPaymentStreamRateIndex**

The payment stream floating rate index.

Type: **String**

Used in components: **LegPaymentStreamFloatingRate**

**170.2.2056 LegPaymentStreamRateIndex2**

The payment stream's second floating rate index.

Type: **String**

Used in components: **LegPaymentStreamFloatingRate**

**170.2.2057 LegPaymentStreamRateIndex2CurvePeriod**

Secondary time unit multiplier for the payment stream's floating rate index curve.

Type: **int**

Used in components: **LegPaymentStreamFloatingRate**

**170.2.2058 LegPaymentStreamRateIndex2CurveUnit**

Secondary time unit associated with the payment stream's floating rate index curve.

Type: **String**

Allowed values in PaymentStreamRateIndexCurveUnitCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
D	Day	Day
Wk	Week	Week
Mo	Month	Month
Yr	Year	Year

---

Used in components: **LegPaymentStreamFloatingRate**

**170.2.2059 LegPaymentStreamRateIndex2ID**

Security identifier of the second floating rate index.

Type: **String**

Used in components: **LegPaymentStreamFloatingRate**

**170.2.2060 LegPaymentStreamRateIndex2IDSource**

Source for the second floating rate index identified in LegPaymentStreamRateIndex2ID(43118).

Type: **String**

Allowed values in SecurityIDSourceCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
1	CUSIP	CUSIP
2	SEDOL	SEDOL
3	QUIK	QUIK
4	ISINNumber	ISIN
5	RICCode	RIC
6	ISOCurrencyCode	ISO Currency Code (ISO 4217)
7	ISOCountryCode	ISO Country Code
8	ExchangeSymbol	Exchange symbol
9	ConsolidatedTapeAssociation	Consolidated Tape Association (CTA) Symbol (SIAC CTS/CQS line format)
A	BloombergSymbol	Bloomberg Symbol
B	Wertpapier	Wertpapier
C	Dutch	Dutch
D	Valoren	Valoren
E	Sicovam	Sicovam
F	Belgian	Belgian
G	Common	"Common" (Clearstream and Euroclear)
H	ClearingHouse	Clearing house / Clearing organization
I	ISDAFpMLSpecification	ISDA/FpML product specification (XML in SecurityXML(1185))
J	OptionPriceReportingAuthority	Option Price Reporting Authority
K	ISDAFpMLURL	ISDA/FpML product URL (URL in SecurityID(48))
L	LetterOfCredit	Letter of credit

---

Code	Name	Description
M	MarketplaceAssignedIdentifier	Marketplace-assigned Identifier
N	MarkitREDEntityCLIP	Markit RED entity CLIP
P	MarkitREDPairCLIP	Markit RED pair CLIP
Q	CFTCCommodityCode	CFTC commodity code
R	ISDACommodityReferencePrice	ISDA Commodity Reference Price
S	FinancialInstrumentGlobalIdentifier	Financial Instrument Global Identifier. An Object Management Group (OMG) standard. Also referred to as FIGI. Formerly known as "Bloomberg Open Symbology BBGID".
T	LegalEntityIdentifier	Legal entity identifier
U	Synthetic	Synthetic. Used to specify that the security identifier is synthetic for linking nested underliers when there is no market identifier for the collection.
V	FidessaInstrumentMnemonic	Fidessa Instrument Mnemonic (FIM)
W	IndexName	Index name. Standard name of the index or rate index, e.g. "LIBOR" or "iTraxx Australia".
X	UniformSymbol	Uniform Symbol (UMTF Symbol)
Y	DigitalTokenIdentifier	Digital Token Identifier (ISO 24165)

Used in components: [LegPaymentStreamFloatingRate](#)

### 170.2.2061 LegPaymentStreamRateIndex2Source

The source of the payment stream's second floating rate index.

Type: [int](#)

Allowed values in PaymentStreamRateIndexSourceCodeSet:

Code	Name	Description
0	Bloomberg	Bloomberg
1	Reuters	Reuters
2	Telerate	Telerate
99	Other	Other

Used in components: [LegPaymentStreamFloatingRate](#)

**170.2.2062 LegPaymentStreamRateIndexCurvePeriod**

Time unit multiplier for the payment stream's floating rate index curve period.

Type: **int**

Used in components: **LegPaymentStreamFloatingRate**

**170.2.2063 LegPaymentStreamRateIndexCurveUnit**

Time unit associated with the payment stream's floating rate index curve period.

Type: **String**

Allowed values in PaymentStreamRateIndexCurveUnitCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
D	Day	Day
Wk	Week	Week
Mo	Month	Month
Yr	Year	Year

---

Used in components: **LegPaymentStreamFloatingRate**

**170.2.2064 LegPaymentStreamRateIndexID**

Security identifier of the floating rate index.

Type: **String**

Used in components: **LegPaymentStreamFloatingRate**

**170.2.2065 LegPaymentStreamRateIndexIDSource**

Source for the floating rate index identified in LegPaymentStreamRateIndexID(43088).

Type: **String**

Allowed values in SecurityIDSourceCodeSet:

<b>Code</b>	<b>Name</b>	<b>Description</b>
1	CUSIP	CUSIP
2	SEDOL	SEDOL
3	QUIK	QUIK
4	ISINNumber	ISIN
5	RICCode	RIC
6	ISOCurrencyCode	ISO Currency Code (ISO 4217)
7	ISOCountryCode	ISO Country Code
8	ExchangeSymbol	Exchange symbol
9	ConsolidatedTapeAssociation	Consolidated Tape Association (CTA) Symbol (SIAC CTS/CQS line format)
A	BloombergSymbol	Bloomberg Symbol
B	Wertpapier	Wertpapier
C	Dutch	Dutch
D	Valoren	Valoren
E	Sicovam	Sicovam
F	Belgian	Belgian
G	Common	"Common" (Clearstream and Euroclear)
H	ClearingHouse	Clearing house / Clearing organization
I	ISDAFpMLSpecification	ISDA/FpML product specification (XML in SecurityXML(1185))
J	OptionPriceReportingAuthority	Option Price Reporting Authority
K	ISDAFpMLURL	ISDA/FpML product URL (URL in SecurityID(48))
L	LetterOfCredit	Letter of credit
M	MarketplaceAssignedIdentifier	Marketplace-assigned Identifier
N	MarkitREDEntityCLIP	Markit RED entity CLIP
P	MarkitREDPairCLIP	Markit RED pair CLIP
Q	CFTCCommodityCode	CFTC commodity code
R	ISDACommodityReferencePrice	ISDA Commodity Reference Price
S	FinancialInstrumentGlobalIdentifier	Financial Instrument Global Identifier. An Object Management Group (OMG) standard. Also referred to as FIGI. Formerly known as "Bloomberg Open Symbology BBGID".
T	LegalEntityIdentifier	Legal entity identifier
U	Synthetic	Synthetic. Used to specify that the security identifier is synthetic for linking nested underliers when there is no market identifier for the collection.
V	FidessaInstrumentMnemonic	Fidessa Instrument Mnemonic (FIM)



Code	Name	Description
W	IndexName	Index name. Standard name of the index or rate index, e.g. "LIBOR" or "iTraxx Australia".
X	UniformSymbol	Uniform Symbol (UMTF Symbol)
Y	DigitalTokenIdentifier	Digital Token Identifier (ISO 24165)

Used in components: [LegPaymentStreamFloatingRate](#)

### 170.2.2066 LegPaymentStreamRateIndexLevel

This is the weather Cooling Degree Days (CDD), Heating Degree Days (HDD) or HDD index level specified as the number of (amount of) weather index units specified by the parties in the related confirmation.

Type: [Qty](#)

Used in components: [LegPaymentStreamFloatingRate](#)

### 170.2.2067 LegPaymentStreamRateIndexLocation

Specifies the location of the floating rate index.

Type: [String](#)

Used in components: [LegPaymentStreamFloatingRate](#)

### 170.2.2068 LegPaymentStreamRateIndexSource

The source of the payment stream floating rate index.

Type: [int](#)

Allowed values in PaymentStreamRateIndexSourceCodeSet:

Code	Name	Description
0	Bloomberg	Bloomberg
1	Reuters	Reuters
2	Telerate	Telerate
99	Other	Other

Used in components: [LegPaymentStreamFloatingRate](#)

**170.2.2069 LegPaymentStreamRateIndexUnitOfMeasure**

The unit of measure (UOM) of the rate index level.

Type: **String**

Allowed values in UnitOfMeasureCodeSet:

<b>Code</b>	<b>Name</b>	<b>Description</b>
Alw	Allowances	Allowances
Bcf	BillionCubicFeet	Billion cubic feet
Bbl	Barrels	Barrels. Equal to 42 US gallons
CBM	CubicMeters	Cubic Meters
BDFT	BoardFeet	Board feet. Equal to 144 cubic inches
GJ	Gigajoules	gigajoules
Bu	Bushels	Bushels
kHR	HeatRate	Heat rate. The number of BTUs required to produce one kilowatt hour of electricity, typically 3,412.14 BTUs per 1 kWh.
Ccy	Currency	Amount of currency
kWh	KilowattHours	Kilowatt hours
CDD	CoolingDegreeDay	Cooling degree day
MHR	MegaHeatRate	Mega heat rate. The number of million BTUs required to produce one megawatt hour of electricity, typically 3.41214 million BTUs per 1 MWh.
CER	CertifiedEmissionsReduction	Certified emissions reduction
MMBtu	OneMillionBTU	One Million BTU
CPD	CriticalPrecipDay	Critical precipitation day
MWh	MegawattHours	Megawatt hours
CRT	ClimateReserveTonnes	Climate reserve tonnes
thm	Therms	therms. Equal to 100,000 BTU
cwt	Hundredweight	Hundredweight(US). Equal to 100 lbs
tnCO2	TonsOfCarbonDioxide	Tons of carbon dioxide
day	Day	Days
dt	DryMetricTons	Dry metric tons
EnvAllwnc	EnvAllwncCert	Environmental allowance certificates
EnvCrd	EnvironmentalCredit	Environmental credit
EnvOfst	EnvironmentalOffset	Environmental Offset
g	Grams	Grams

<b>Code</b>	<b>Name</b>	<b>Description</b>
Gal	Gallons	Gallons
GT	GrossTons	Gross tons. Also known as long tons or imperial tons, equal to 2240 lbs
HDD	HeatingDegreeDay	Heating degree day
IPNT	IndexPoint	Index point
kg	Kilograms	Kilograms
kL	Kiloliters	kiloliters
kW-a	KilowattYear	Kilowatt year (electrical capacity)
kW-d	KilowattDay	Kilowatt day (electrical capacity)
kW-h	KilowattHour	Kilowatt hour (electrical capacity)
kW-M	KilowattMonth	Kilowatt month (electrical capacity)
kW-min	KilowattMinute	Kilowatt-Minute (electrical capacity)
L	Liters	liters
lbs	Pounds	pounds
MW-a	MegawattYear	Megawatt year (electrical capacity)
MW-d	MegawattDay	Megawatt day (electrical capacity)
MW-h	MegawattHour	Megawatt hour (electrical capacity)
MW-M	MegawattMonth	Megawatt month (electrical capacity)
MW-min	MegawattMinute	Megawatt minute (electrical capacity)
oz_tr	TroyOunces	Troy ounces
PRINC	PrincipalWithRelationToDebtInstrument	Principal with relation to debt instrument
t	MetricTons	Metric tons. Also known as Tonnes, equal to 1000 kg
tn	Tons	Tons (US). Equal to 2000 lbs
a	Are	Are
ac	Acre	Acre
cL	Centiliter	Centiliter
cM	Centimeter	Centimeter
DGE	DieselGallonEquivalent	Diesel gallon equivalent
ft	Foot	Foot
Gal_gb	GBGallon	GB Gallon
GGE	GasolineGallonEquivalent	Gasonline gallon equivalent
ha	Hectare	Hectare
in	Inch	Inch
kM	Kilometer	Kilometer

Code	Name	Description
M	Meter	Meter
mi	Mile	Mile
mL	Milliliter	Milliliter
mM	Millimeter	Millimeter
oz	USOunce	US ounce
pc	Piece	Piece
pt	USPint	US Pint
pt_gb	GBPint	GB pint
qt	USQuart	US Quart
qt_gb	GBQuart	GB Quart
SqcM	SquareCentimeter	Square centimeter
Sqft	SquareFoot	Square foot
Sqin	SquareInch	Square inch
SqkM	SquareKilometer	Square kilometer
SqM	SquareMeter	Square meter
Sqmi	SquareMile	Square mile
SqmM	SquareMillimeter	Square millimeter
Sqyd	SquareYard	Square yard
yd	Yard	Yard
MMbbl	MillionBarrels	Million Barrels
USD	USDollars	US Dollars

Used in components: [LegPaymentStreamFloatingRate](#)

### 170.2.2070 LegPaymentStreamRateMultiplier

A rate multiplier to apply to the floating rate. The multiplier can be less than or greater than 1 (one). This element should only be included if the multiplier is not equal to 1 (one) for the term of the stream.

Type: [float](#)

Used in components: [LegPaymentStreamFloatingRate](#)

**170.2.2071 LegPaymentStreamRateOrAmountCurrency**

Specifies the currency in which LegPaymentStreamFixedAmount(40327) or LegPaymentStreamRate(40326) is denominated. Uses ISO 4217 currency codes.

Type: **Currency**

Used in components: **LegPaymentStreamFixedRate**

**170.2.2072 LegPaymentStreamRateSpread**

The basis points spread from the index specified in LegPaymentStreamRateIndex(40331).

Type: **PriceOffset**

Used in components: **LegPaymentStreamFloatingRate**

**170.2.2073 LegPaymentStreamRateSpreadCurrency**

Specifies the currency of the floating rate spread. Uses ISO 4217 currency codes.

Type: **Currency**

Used in components: **LegPaymentStreamFloatingRate**

**170.2.2074 LegPaymentStreamRateSpreadPositionType**

Identifies whether the rate spread is applied to a long or short position.

Type: **int**

Allowed values in PaymentStreamRateSpreadPositionTypeCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	Short	Short
1	Long	Long

---

Used in components: **LegPaymentStreamFloatingRate**

**170.2.2075 LegPaymentStreamRateSpreadType**

Identifies whether the rate spread is an absolute value to be added to the index rate or a percentage of the index rate.

Type: **int**

Allowed values in PaymentStreamRateSpreadTypeCodeSet:

Code	Name	Description
0	Absolute	Absolute
1	Percentage	Percentage

Used in components: **LegPaymentStreamFloatingRate**

**170.2.2076 LegPaymentStreamRateSpreadUnitOfMeasure**

Specifies the unit of measure (UOM) of the floating rate spread.

Type: **String**

Allowed values in UnitOfMeasureCodeSet:

Code	Name	Description
Alw	Allowances	Allowances
Bcf	BillionCubicFeet	Billion cubic feet
Bbl	Barrels	Barrels. Equal to 42 US gallons
CBM	CubicMeters	Cubic Meters
BDFT	BoardFeet	Board feet. Equal to 144 cubic inches
GJ	Gigajoules	gigajoules
Bu	Bushels	Bushels
kHR	HeatRate	Heat rate. The number of BTUs required to produce one kilowatt hour of electricity, typically 3,412.14 BTUs per 1 kWh.
Ccy	Currency	Amount of currency
kWh	KilowattHours	Kilowatt hours
CDD	CoolingDegreeDay	Cooling degree day
MHR	MegaHeatRate	Mega heat rate. The number of million BTUs required to produce one megawatt hour of electricity, typically 3.41214 million BTUs per 1 MWh.

<b>Code</b>	<b>Name</b>	<b>Description</b>
CER	CertifiedEmissionsReduction	Certified emissions reduction
MMBtu	OneMillionBTU	One Million BTU
CPD	CriticalPrecipDay	Critical precipitation day
MWh	MegawattHours	Megawatt hours
CRT	ClimateReserveTonnes	Climate reserve tonnes
thm	Therms	therms. Equal to 100,000 BTU
cwt	Hundredweight	Hundredweight(US). Equal to 100 lbs
tnCO2	TonsOfCarbonDioxide	Tons of carbon dioxide
day	Day	Days
dt	DryMetricTons	Dry metric tons
EnvAllwnc	EnvAllwncCert	Environmental allowance certificates
EnvCrd	EnvironmentalCredit	Environmental credit
EnvOfst	EnvironmentalOffset	Environmental Offset
g	Grams	Grams
Gal	Gallons	Gallons
GT	GrossTons	Gross tons. Also known as long tons or imperial tons, equal to 2240 lbs
HDD	HeatingDegreeDay	Heating degree day
IPNT	IndexPoint	Index point
kg	Kilograms	Kilograms
kL	Kiloliters	kiloliters
kW-a	KilowattYear	Kilowatt year (electrical capacity)
kW-d	KilowattDay	Kilowatt day (electrical capacity)
kW-h	KilowattHour	Kilowatt hour (electrical capacity)
kW-M	KilowattMonth	Kilowatt month (electrical capacity)
kW-min	KilowattMinute	Kilowatt-Minute (electrical capacity)
L	Liters	liters
lbs	Pounds	pounds
MW-a	MegawattYear	Megawatt year (electrical capacity)
MW-d	MegawattDay	Megawatt day (electrical capacity)
MW-h	MegawattHour	Megawatt hour (electrical capacity)
MW-M	MegawattMonth	Megawatt month (electrical capacity)
MW-min	MegawattMinute	Megawatt minute (electrical capacity)
oz_tr	TroyOunces	Troy ounces

<b>Code</b>	<b>Name</b>	<b>Description</b>
PRINC	PrincipalWithRelationToDebtInstrument	Principal with relation to debt instrument
t	MetricTons	Metric tons. Also known as Tonnes, equal to 1000 kg
tn	Tons	Tons (US). Equal to 2000 lbs
a	Are	Are
ac	Acre	Acre
cL	Centiliter	Centiliter
cM	Centimeter	Centimeter
DGE	DieselGallonEquivalent	Diesel gallon equivalent
ft	Foot	Foot
Gal_gb	GBGallon	GB Gallon
GGE	GasolineGallonEquivalent	Gasonline gallon equivalent
ha	Hectare	Hectare
in	Inch	Inch
kM	Kilometer	Kilometer
M	Meter	Meter
mi	Mile	Mile
mL	Milliliter	Milliliter
mM	Millimeter	Millimeter
oz	USOunce	US ounce
pc	Piece	Piece
pt	USPint	US Pint
pt_gb	GBPint	GB pint
qt	USQuart	US Quart
qt_gb	GBQuart	GB Quart
SqcM	SquareCentimeter	Square centimeter
Sqft	SquareFoot	Square foot
Sqin	SquareInch	Square inch
SqkM	SquareKilometer	Square kilometer
SqM	SquareMeter	Square meter
Sqmi	SquareMile	Square mile
SqmM	SquareMillimeter	Square millimeter
Sqyd	SquareYard	Square yard
yd	Yard	Yard



---

Code	Name	Description
MMbbl	MillionBarrels	Million Barrels
USD	USDollars	US Dollars

---

Used in components: [LegPaymentStreamFloatingRate](#)

### 170.2.2077 LegPaymentStreamRateTreatment

Specifies the yield calculation treatment for the index.

Type: [int](#)

Allowed values in PaymentStreamRateTreatmentCodeSet:

---

Code	Name	Description
0	BondEquivalentYield	Bond equivalent yield
1	MoneyMarketYield	Money market yield

---

Used in components: [LegPaymentStreamFloatingRate](#)

### 170.2.2078 LegPaymentStreamRealizedVarianceMethod

Indicates which price to use to satisfy the boundary condition.

Type: [int](#)

Allowed values in PaymentStreamRealizedVarianceMethodCodeSet:

---

Code	Name	Description
0	Previous	Previous. For a return on day T, the observed price on T-1 must be in range.
1	Last	Last. For a return on day T, the observed price on T must be in range.
2	Both	Both. For a return on day T, the observed prices on both T and T-1 must be in range.

---

Used in components: [LegPaymentStreamFloatingRate](#)

**170.2.2079 LegPaymentStreamReferenceLevel**

This is the weather Cooling Degree Days (CDD), Heating Degree Days (HDD) or HDD reference level specified as the number of (amount of) weather index units specified by the parties in the related confirmation.

Type: Qty

Used in components: LegPaymentStreamFloatingRate

**170.2.2080 LegPaymentStreamReferenceLevelEqualsZeroIndicator**

When set to 'Y', it indicates that the weather reference level equals zero.

Type: Boolean

Used in components: LegPaymentStreamFloatingRate

**170.2.2081 LegPaymentStreamReferenceLevelUnitOfMeasure**

The unit of measure (UOM) of the rate reference level.

Type: String

Allowed values in UnitOfMeasureCodeSet:

---

Code	Name	Description
Alw	Allowances	Allowances
Bcf	BillionCubicFeet	Billion cubic feet
Bbl	Barrels	Barrels. Equal to 42 US gallons
CBM	CubicMeters	Cubic Meters
BDFT	BoardFeet	Board feet. Equal to 144 cubic inches
GJ	Gigajoules	gigajoules
Bu	Bushels	Bushels
kHR	HeatRate	Heat rate. The number of BTUs required to produce one kilowatt hour of electricity, typically 3,412.14 BTUs per 1 kWh.
Ccy	Currency	Amount of currency
kWh	KilowattHours	Kilowatt hours
CDD	CoolingDegreeDay	Cooling degree day

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
MHR	MegaHeatRate	Mega heat rate. The number of million BTUs required to produce one megawatt hour of electricity, typically 3.41214 million BTUs per 1 MWh.
CER	CertifiedEmissionsReduction	Certified emissions reduction
MMBtu	OneMillionBTU	One Million BTU
CPD	CriticalPrecipDay	Critical precipitation day
MWh	MegawattHours	Megawatt hours
CRT	ClimateReserveTonnes	Climate reserve tonnes
thm	Therms	therms. Equal to 100,000 BTU
cwt	Hundredweight	Hundredweight(US). Equal to 100 lbs
tnCO2	TonsOfCarbonDioxide	Tons of carbon dioxide
day	Day	Days
dt	DryMetricTons	Dry metric tons
EnvAllwnc	EnvAllwncCert	Environmental allowance certificates
EnvCrd	EnvironmentalCredit	Environmental credit
EnvOfst	EnvironmentalOffset	Environmental Offset
g	Grams	Grams
Gal	Gallons	Gallons
GT	GrossTons	Gross tons. Also known as long tons or imperial tons, equal to 2240 lbs
HDD	HeatingDegreeDay	Heating degree day
IPNT	IndexPoint	Index point
kg	Kilograms	Kilograms
kL	Kiloliters	kiloliters
kW-a	KilowattYear	Kilowatt year (electrical capacity)
kW-d	KilowattDay	Kilowatt day (electrical capacity)
kW-h	KilowattHour	Kilowatt hour (electrical capacity)
kW-M	KilowattMonth	Kilowatt month (electrical capacity)
kW-min	KilowattMinute	Kilowatt-Minute (electrical capacity)
L	Liters	liters
lbs	Pounds	pounds
MW-a	MegawattYear	Megawatt year (electrical capacity)
MW-d	MegawattDay	Megawatt day (electrical capacity)
MW-h	MegawattHour	Megawatt hour (electrical capacity)
MW-M	MegawattMonth	Megawatt month (electrical capacity)

<b>Code</b>	<b>Name</b>	<b>Description</b>
MW-min	MegawattMinute	Megawatt minute (electrical capacity)
oz_tr	TroyOunces	Troy ounces
PRINC	PrincipalWithRelationToDebtInstrument	Principal with relation to debt instrument
t	MetricTons	Metric tons. Also known as Tonnes, equal to 1000 kg
tn	Tons	Tons (US). Equal to 2000 lbs
a	Are	Are
ac	Acre	Acre
cL	Centiliter	Centiliter
cM	Centimeter	Centimeter
DGE	DieselGallonEquivalent	Diesel gallon equivalent
ft	Foot	Foot
Gal_gb	GBGallon	GB Gallon
GGE	GasolineGallonEquivalent	Gasonline gallon equivalent
ha	Hectare	Hectare
in	Inch	Inch
kM	Kilometer	Kilometer
M	Meter	Meter
mi	Mile	Mile
mL	Milliliter	Milliliter
mM	Millimeter	Millimeter
oz	USOunce	US ounce
pc	Piece	Piece
pt	USPint	US Pint
pt_gb	GBPint	GB pint
qt	USQuart	US Quart
qt_gb	GBQuart	GB Quart
SqcM	SquareCentimeter	Square centimeter
Sqft	SquareFoot	Square foot
Sqin	SquareInch	Square inch
SqkM	SquareKilometer	Square kilometer
SqM	SquareMeter	Square meter
Sqmi	SquareMile	Square mile
SqmM	SquareMillimeter	Square millimeter

Code	Name	Description
Sqyd	SquareYard	Square yard
yd	Yard	Yard
MMbbl	MillionBarrels	Million Barrels
USD	USDollars	US Dollars

Used in components: [LegPaymentStreamFloatingRate](#)

### 170.2.2082 LegPaymentStreamResetDateBusinessCenter

The business center calendar used to adjust the payment stream's reset date, e.g. "GBLO".

See <http://www.fpml.org/coding-scheme/business-center> for standard 4-character code values.

Type: [String](#)

Used in groups: [LegPaymentStreamResetDateBusinessCenterGrp](#)

### 170.2.2083 LegPaymentStreamResetDateBusinessCenterGrp

LegPaymentStreamResetDateBusinessCenterGrp is a repeating subcomponent within the LegPaymentStreamResetDates component. It is used to specify the set of business centers whose calendars drive the date adjustment. Used only to override the business centers defined in the LegDateAdjustment component in InstrumentLeg.

Name	Mult.	Type	Description
<a href="#">NoLegPaymentStreamResetDateBusinessCenters</a>	[1..1]	NumInGroup	
<a href="#">LegPaymentStreamResetDateBusinessCenter</a>	[0..1]	String	Required if <a href="#">NoLegPaymentStreamResetDateBusinessCenters</a> (40931) > 0.

Used in components: [LegPaymentStreamResetDates](#)

### 170.2.2084 LegPaymentStreamResetDateBusinessDayConvention

The business day convention used to adjust the payment stream's reset date. Used only to override the business day convention specified in the LegDateAdjustment component within the InstrumentLeg component.

Type: **int**

Allowed values in BusinessDayConventionCodeSet:

Code	Name	Description
0	NotApplicable	Not applicable. Business day convention is not applicable.
1	None	None (current day)
2	FollowingDay	Following day. The following business day.
3	FloatingRateNote	Floating rate note. The FRN business day convention.
4	ModifiedFollowingDay	Modified following day. The modified following business day.
5	PrecedingDay	Preceding day. The preceding business day.
6	ModifiedPrecedingDay	Modified preceding day. The modified preceding business day.
7	NearestDay	Nearest day. The nearest applicable business day.

Used in components: **LegPaymentStreamResetDates**

#### 170.2.2085 LegPaymentStreamResetDateRelativeTo

Specifies the anchor date when the reset dates are relative to an anchor date.

If the reset frequency is specified as daily this element must not be included.

See [http://www.fixtradingcommunity.org/codelists#Relative\\_To\\_Date](http://www.fixtradingcommunity.org/codelists#Relative_To_Date) for values.

Type: **int**

Used in components: **LegPaymentStreamResetDates**

#### 170.2.2086 LegPaymentStreamResetDates

The LegPaymentStreamResetDates component is a subcomponent of the LegPaymentStream component used to specify the floating rate reset dates of the stream.

Name	Mult.	Type	Description
<b>LegPaymentStreamResetDateRelativeTo</b>	[0..1]	int	

Name	Mult.	Type	Description
LegPaymentStreamResetDateBusinessDayConvention	[0..1]	CodeSet	When specified, this overrides the business day convention defined in the LegDateAdjustment component in InstrumentLeg. The specified value would be specific to this instance of the leg payment stream reset dates.
LegPaymentStreamResetDateBusinessCenterGrp	[0..*]	Group	When specified, this overrides the business centers defined in the LegDateAdjustment component in InstrumentLeg. The specified values would be specific to this instance of the leg payment stream reset dates.
LegPaymentStreamResetFrequencyPeriod	[0..1]	int	Conditionally required when LegPaymentStreamResetFrequencyUnit(40307) is specified.
LegPaymentStreamResetFrequencyUnit	[0..1]	CodeSet	Conditionally required when LegPaymentStreamResetFrequencyPeriod(40306) is specified.
LegPaymentStreamResetWeeklyRollConvention	[0..1]	CodeSet	When specified, this overrides the date roll convention defined in the LegDateAdjustment component in InstrumentLeg. The specified values would be specific to this instance of the stream payment dates.
LegPaymentStreamInitialFixingDateRelativeTo	[0..1]	int	
LegPaymentStreamInitialFixingDateBusinessDayConvention	[0..1]	CodeSet	When specified, this overrides the business day convention defined in the LegDateAdjustment component in InstrumentLeg. The specified value would be specific to this instance of the leg payment stream reset dates.
LegPaymentStreamInitialFixingDateBusinessCenterGrp	[0..*]	Group	When specified, this overrides the business centers defined in the LegDateAdjustment component in InstrumentLeg. The specified values would be specific to this instance of the leg payment stream reset dates.
LegPaymentStreamInitialFixingDateOffsetPeriod	[0..1]	int	Conditionally required when LegPaymentStreamInitialFixingDateOffsetUnit(40313) is specified.
LegPaymentStreamInitialFixingDateOffsetUnit	[0..1]	CodeSet	Conditionally required when LegPaymentStreamInitialFixingDateOffsetPeriod(40312) is specified.
LegPaymentStreamInitialFixingDateOffsetDayType	[0..1]	CodeSet	

Name	Mult.	Type	Description
LegPaymentStreamInitialFixingDateAdjusted	[0..1]	LocalMktDate	
LegPaymentStreamFixingDateRelativeTo	[0..1]	int	
LegPaymentStreamFixingDateBusinessDayConvention	[0..1]	CodeSet	When specified, this overrides the business day convention defined in the LegDateAdjustment component in InstrumentLeg. The specified value would be specific to this instance of the leg payment stream reset dates.
LegPaymentStreamFixingDateBusinessCenterGrp	[0..*]	Group	When specified, this overrides the business centers defined in the LegDateAdjustment component in InstrumentLeg. The specified values would be specific to this instance of the leg payment stream reset dates.
LegPaymentStreamFixingDateOffsetPeriod	[0..1]	int	Conditionally required when LegPaymentStreamFixingDateOffsetUnit(40320) is specified.
LegPaymentStreamFixingDateOffsetUnit	[0..1]	CodeSet	Conditionally required when LegPaymentStreamFixingDateOffsetPeriod(40319) is specified.
LegPaymentStreamFixingDateOffsetDayType	[0..1]	CodeSet	
LegPaymentStreamFixingDateAdjusted	[0..1]	LocalMktDate	
LegPaymentStreamRateCutoffDateOffsetPeriod	[0..1]	int	Conditionally required when LegPaymentStreamRateCutoffDateOffsetUnit(40324) is specified.
LegPaymentStreamRateCutoffDateOffsetUnit	[0..1]	CodeSet	Conditionally required when LegPaymentStreamRateCutoffDateOffsetPeriod(40323) is specified.
LegPaymentStreamRateCutoffDateOffsetDayType	[0..1]	CodeSet	
LegPaymentStreamFixingDateGrp	[0..*]	Group	

Used in components: [LegPaymentStream](#)

### 170.2.2087 LegPaymentStreamResetFrequencyPeriod

Time unit multiplier for frequency of resets.

Type: [int](#)

Used in components: [LegPaymentStreamResetDates](#)



**170.2.2088 LegPaymentStreamResetFrequencyUnit**

Time unit associated with frequency of resets.

Type: **String**

Allowed values in CouponFrequencyUnitCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
D	Day	Day
Wk	Week	Week
Mo	Month	Month
Yr	Year	Year
H	Hour	Hour
Min	Minute	Minute
S	Second	Second
T	Term	Term

---

Used in components: **LegPaymentStreamResetDates**

**170.2.2089 LegPaymentStreamResetWeeklyRollConvention**

Used to specify the day of the week in which the reset occurs for payments that reset on a weekly basis.

Type: **String**

Allowed values in PaymentStreamResetWeeklyRollConventionCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
MON	Monday	Monday
TUE	Tuesday	Tuesday
WED	Wednesday	Wednesday
THU	Thursday	Thursday
FRI	Friday	Friday
SAT	Saturday	Saturday
SUN	Sunday	Sunday

---

Used in components: **LegPaymentStreamResetDates**

**170.2.2090 LegPaymentStreamSettlCurrency**

Specifies the currency that the stream settles in (to support swaps that settle in a currency different from the notional currency). Uses ISO 4217 currency codes.

Type: **Currency**

Used in components: **LegPaymentStream**

**170.2.2091 LegPaymentStreamSettlLevel**

Specifies how weather index units are to be calculated.

Type: **int**

Allowed values in PaymentStreamSettlLevelCodeSet:

Code	Name	Description
0	Average	Average. The cumulative number of weather index units for each day in the calculation period divided by the number of days in the calculation period.
1	Maximum	Maximum. The maximum number of weather index units for any day in the calculation period.
2	Minimum	Minimum. The minimum number of weather index units for any day in the calculation period.
3	Cumulative	Cumulative. The cumulative number of weather index units for each day in the calculation period.

Used in components: **LegPaymentStreamFloatingRate**

**170.2.2092 LegPaymentStreamTotalFixedAmount**

Specifies the total fixed payment amount.

Type: **Amt**

Used in components: **LegPaymentStreamFixedRate**

**170.2.2093 LegPaymentStreamType**

Identifies the type of payment stream applicable to the swap stream associated with the instrument leg.

Type: **int**

Allowed values in PaymentStreamTypeCodeSet:

Code	Name	Description
0	Periodic	Periodic (default)
1	Initial	Initial
2	Single	Single
3	Dividend	Dividend
4	Interest	Interest
5	DividendReturn	Dividend return
6	PriceReturn	Price return
7	TotalReturn	Total return
8	Variance	Variance
9	Correlation	Correlation

Used in components: **LegPaymentStream**

#### **170.2.2094 LegPaymentStreamUnderlierRefID**

References the dividend underlier through the instrument's UnderlyingSecurityID(309) which must be fully specified in an instance of the UnderlyingInstrument component.

Type: **String**

Used in components: **LegPaymentStreamFloatingRate**

#### **170.2.2095 LegPaymentStreamVarianceUnadjustedCap**

Indicates the scaling factor to be multiplied by the variance strike price thereby making variance cap applicable.

Type: **float**

Used in components: **LegPaymentStreamFloatingRate**

#### **170.2.2096 LegPaymentStreamVegaNotionalAmount**

Vega Notional represents the approximate gain/loss at maturity for a 1% difference between RVol (realized volatility) and KVol (strike volatility). It does not necessarily represent the Vega risk of the

trade.

Type: **float**

Used in components: **LegPaymentStreamFloatingRate**

#### **170.2.2097 LegPaymentStreamWorldScaleRate**

The number of Worldscale points for purposes of the calculation of a fixed amount for a wet voyage charter commodity swap.

Type: **float**

Used in components: **LegPaymentStreamFixedRate**

#### **170.2.2098 LegPaymentStubEndDateAdjusted**

The adjusted stub end date.

Type: **LocalMktDate**

Used in components: **LegPaymentStubEndDate**

#### **170.2.2099 LegPaymentStubEndDateBusinessCenter**

The business center calendar used for date adjustment of the payment stub end date, e.g. "GBLO".

See <http://www.fpml.org/coding-scheme/business-center> for standard 4-character code values.

Type: **String**

Used in groups: **LegPaymentStubEndDateBusinessCenterGrp**

#### **170.2.2100 LegPaymentStubEndDateBusinessCenterGrp**

**LegPaymentStubEndDateBusinessCenterGrp** is a repeating subcomponent within the **LegPaymentStubEndDate** component. It is used to specify the set of business centers whose calendars drive the date adjustment. Used only to override the business centers defined in the **LegDateAdjustment** component in **InstrumentLeg**.

Name	Mult.	Type	Description
NoLegPaymentStubEndDateBusinessCenters	[1..1]	NumInGroup	
LegPaymentStubEndDateBusinessCenter	[0..1]	String	Required if NoLegPaymentStubEndDateBusinessCenters(42495) > 0.

Used in components: [LegPaymentStubEndDate](#)

### 170.2.2101 LegPaymentStubEndDateBusinessDayConvention

The stub end date business day convention.

Type: [int](#)

Allowed values in BusinessDayConventionCodeSet:

Code	Name	Description
0	NotApplicable	Not applicable. Business day convention is not applicable.
1	None	None (current day)
2	FollowingDay	Following day. The following business day.
3	FloatingRateNote	Floating rate note. The FRN business day convention.
4	ModifiedFollowingDay	Modified following day. The modified following business day.
5	PrecedingDay	Preceding day. The preceding business day.
6	ModifiedPrecedingDay	Modified preceding day. The modified preceding business day.
7	NearestDay	Nearest day. The nearest applicable business day.

Used in components: [LegPaymentStubEndDate](#)

### 170.2.2102 LegPaymentStubEndDate

LegPaymentStubEndDate is a subcomponent of the LegPaymentStubGrp component used to specify the end date of the payment stub.

Name	Mult.	Type	Description
LegPaymentStubEndDateUnadjusted	[0..1]	LocalMktDate	

Name	Mult.	Type	Description
<a href="#">LegPaymentStubEndDateBusiness-DayConvention</a>	[0..1]	CodeSet	When specified, this overrides the business day convention defined in the LegDateAdjustment component in InstrumentLeg. The specified value would be specific to this payment stub instance.
<a href="#">LegPaymentStubEndDateBusiness-CenterGrp</a>	[0..*]	Group	When specified, this overrides the business centers defined in the LegDateAdjustment component in InstrumentLeg. The specified values would be specific to this payment stub instance.
<a href="#">LegPaymentStubEndDateRelativeTo</a>	[0..1]	int	
<a href="#">LegPaymentStubEndDateOffsetPeriod</a>	[0..1]	int	Conditionally required when LegPaymentStubEndDateOffsetUnit(42492) is specified.
<a href="#">LegPaymentStubEndDateOffsetUnit</a>	[0..1]	CodeSet	Conditionally required when LegPaymentStubEndDateOffsetPeriod(42491) is specified.
<a href="#">LegPaymentStubEndDateOffsetDay-Type</a>	[0..1]	CodeSet	
<a href="#">LegPaymentStubEndDateAdjusted</a>	[0..1]	LocalMktDate	

Used in groups: [LegPaymentStubGrp](#)

### 170.2.2103 LegPaymentStubEndDateOffsetDayType

Specifies the day type of the relative stub end date offset.

Type: [int](#)

Allowed values in PaymentStreamPaymentDateOffsetDayTypeCodeSet:

Code	Name	Description
0	Business	Business
1	Calendar	Calendar
2	CommodityBusiness	Commodity business
3	CurrencyBusiness	Currency business
4	ExchangeBusiness	Exchange business
5	ScheduledTradingDay	Scheduled trading day

Used in components: [LegPaymentStubEndDate](#)

**170.2.2104 LegPaymentStubEndDateOffsetPeriod**

Time unit multiplier for the relative stub end date offset.

Type: **int**

Used in components: **LegPaymentStubEndDate**

**170.2.2105 LegPaymentStubEndDateOffsetUnit**

Time unit associated with the relative stub end date offset.

Type: **String**

Allowed values in PaymentStreamPaymentDateOffsetUnitCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
D	Day	Day
Wk	Week	Week
Mo	Month	Month
Yr	Year	Year

---

Used in components: **LegPaymentStubEndDate**

**170.2.2106 LegPaymentStubEndDateRelativeTo**

Specifies the anchor date when the stub end date is relative to an anchor date.

See [http://www.fixtradingcommunity.org/codelists#Relative\\_To\\_Date](http://www.fixtradingcommunity.org/codelists#Relative_To_Date) for values.

Type: **int**

Used in components: **LegPaymentStubEndDate**

**170.2.2107 LegPaymentStubEndDateUnadjusted**

The unadjusted stub end date.

Type: **LocalMktDate**

Used in components: **LegPaymentStubEndDate**

**170.2.2108 LegPaymentStubFixedAmount**

A fixed payment amount for the stub.

Type: [Amt](#)

Used in groups: [LegPaymentStubGrp](#)

**170.2.2109 LegPaymentStubFixedCurrency**

The currency of the fixed payment amount. Uses ISO 4217 currency codes.

Type: [Currency](#)

Used in groups: [LegPaymentStubGrp](#)

**170.2.2110 LegPaymentStubGrp**

The LegPaymentStubGrp is a repeating subcomponent of the LegPaymentStream component used to specify front and back stubs in the payment stream.

---

Name	Mult.	Type	Description
<a href="#">NoLegPaymentStubs</a>	[1..1]	NumInGroup	
<a href="#">LegPaymentStubType</a>	[0..1]	CodeSet	Required if NoLegPaymentStubs(40418) > 0.
<a href="#">LegPaymentStubLength</a>	[0..1]	CodeSet	
<a href="#">LegPaymentStubStartDate</a>	[0..1]	Component	
<a href="#">LegPaymentStubEndDate</a>	[0..1]	Component	
<a href="#">LegPaymentStubRate</a>	[0..1]	Percentage	
<a href="#">LegPaymentStubFixedAmount</a>	[0..1]	Amt	
<a href="#">LegPaymentStubFixedCurrency</a>	[0..1]	Currency	
<a href="#">LegPaymentStubIndex</a>	[0..1]	String	
<a href="#">LegPaymentStubIndexSource</a>	[0..1]	CodeSet	
<a href="#">LegPaymentStubIndexCurvePeriod</a>	[0..1]	int	Conditionally required when LegPaymentStubIndexCurveUnit(40427) is specified.
<a href="#">LegPaymentStubIndexCurveUnit</a>	[0..1]	CodeSet	Copnditionally required when LegPaymentStubIndexCurvePeriod(40426) is specified.
<a href="#">LegPaymentStubIndexRateMultiplier</a>	[0..1]	float	
<a href="#">LegPaymentStubIndexRateSpread</a>	[0..1]	PriceOffset	

---



Name	Mult.	Type	Description
LegPaymentStubIndexRateSpreadPositionType	[0..1]	CodeSet	
LegPaymentStubIndexRateTreatment	[0..1]	CodeSet	
LegPaymentStubIndexCapRate	[0..1]	Percentage	
LegPaymentStubIndexCapRateBuy-Side	[0..1]	CodeSet	
LegPaymentStubIndexCapRateSell-Side	[0..1]	CodeSet	
LegPaymentStubIndexFloorRate	[0..1]	Percentage	
LegPaymentStubIndexFloorRateBuy-Side	[0..1]	CodeSet	
LegPaymentStubIndexFloorRateSell-Side	[0..1]	CodeSet	
LegPaymentStubIndex2	[0..1]	String	
LegPaymentStubIndex2Source	[0..1]	CodeSet	
LegPaymentStubIndex2CurvePeriod	[0..1]	int	Conditionally required when LegPaymentStubIndex2CurveUnit(40441) is specified.
LegPaymentStubIndex2CurveUnit	[0..1]	CodeSet	Conditionally required when LegPaymentStubIndex2CurvePeriod(40440) is specified.
LegPaymentStubIndex2RateMultiplier	[0..1]	float	
LegPaymentStubIndex2RateSpread	[0..1]	PriceOffset	
LegPaymentStubIndex2RateSpreadPositionType	[0..1]	CodeSet	
LegPaymentStubIndex2RateTreatment	[0..1]	CodeSet	
LegPaymentStubIndex2CapRate	[0..1]	Percentage	
LegPaymentStubIndex2FloorRate	[0..1]	Percentage	

Used in groups: [LegStreamGrp](#)

### 170.2.2111 LegPaymentStubIndex

The stub floating rate index.

Type: [String](#)

Used in groups: [LegPaymentStubGrp](#)

**170.2.2112 LegPaymentStubIndex2**

The second stub floating rate index.

Type: **String**

Used in groups: **LegPaymentStubGrp**

**170.2.2113 LegPaymentStubIndex2CapRate**

The cap rate, if any, which applies to the second floating rate. The cap rate (strike) is only required where the floating rate on a swap stream is capped at a certain level. The cap rate is assumed to be exclusive of any spread and is a per annum rate, expressed as a decimal. A cap rate of 5% would be represented as 0.05.

Type: **Percentage**

Used in groups: **LegPaymentStubGrp**

**170.2.2114 LegPaymentStubIndex2CurvePeriod**

Secondary time unit multiplier for the stub floating rate index curve.

Type: **int**

Used in groups: **LegPaymentStubGrp**

**170.2.2115 LegPaymentStubIndex2CurveUnit**

Secondary time unit associated with the stub floating rate index curve.

Type: **String**

Allowed values in PaymentStreamRateIndexCurveUnitCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
D	Day	Day
Wk	Week	Week
Mo	Month	Month
Yr	Year	Year

---

Used in groups: **LegPaymentStubGrp**

**170.2.2116 LegPaymentStubIndex2FloorRate**

The floor rate, if any, which applies to the second floating rate. The floor rate (strike) is only required where the floating rate on a swap stream is floored at a certain strike level. The floor rate is assumed to be exclusive of any spread and is a per annum rate, expressed as a decimal. A floor rate of 5% would be represented as 0.05.

Type: **Percentage**

Used in groups: **LegPaymentStubGrp**

**170.2.2117 LegPaymentStubIndex2RateMultiplier**

A rate multiplier to apply to the second floating rate. The multiplier can be less than or greater than 1 (one). This element should only be included if the multiplier is not equal to 1 (one) for the term of the stream.

Type: **float**

Used in groups: **LegPaymentStubGrp**

**170.2.2118 LegPaymentStubIndex2RateSpread**

Spread from the second floating rate index.

Type: **PriceOffset**

Used in groups: **LegPaymentStubGrp**

**170.2.2119 LegPaymentStubIndex2RateSpreadPositionType**

Identifies whether the rate spread is applied to a long or a short position.

Type: **int**

Allowed values in PaymentStreamRateSpreadPositionTypeCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	Short	Short
1	Long	Long

---

Used in groups: **LegPaymentStubGrp**

**170.2.2120 LegPaymentStubIndex2RateTreatment**

Specifies the yield calculation treatment for the second stub index.

Type: **int**

Allowed values in PaymentStreamRateTreatmentCodeSet:

Code	Name	Description
0	BondEquivalentYield	Bond equivalent yield
1	MoneyMarketYield	Money market yield

Used in groups: **LegPaymentStubGrp**

**170.2.2121 LegPaymentStubIndex2Source**

The source for the second stub floating rate index.

Type: **int**

Allowed values in PaymentStreamRateIndexSourceCodeSet:

Code	Name	Description
0	Bloomberg	Bloomberg
1	Reuters	Reuters
2	Telerate	Telerate
99	Other	Other

Used in groups: **LegPaymentStubGrp**

**170.2.2122 LegPaymentStubIndexCapRate**

The cap rate, if any, which applies to the floating rate. The cap rate (strike) is only required where the floating rate on a swap stream is capped at a certain level. The cap rate is assumed to be exclusive of any spread and is a per annum rate, expressed as a decimal. A cap rate of 5% would be represented as 0.05.

Type: **Percentage**

Used in groups: **LegPaymentStubGrp**

**170.2.2123 LegPaymentStubIndexCapRateBuySide**

Reference to the buyer of the cap rate option through its trade side.

Type: **int**

Allowed values in PaymentStreamCapRateBuySideCodeSet:

---

Code	Name	Description
1	Buyer	Buyer of the trade
2	Seller	Seller of the trade

---

Used in groups: **LegPaymentStubGrp**

**170.2.2124 LegPaymentStubIndexCapRateSellSide**

Reference to the seller of the cap rate option through its trade side.

Type: **int**

Allowed values in PaymentStreamCapRateBuySideCodeSet:

---

Code	Name	Description
1	Buyer	Buyer of the trade
2	Seller	Seller of the trade

---

Used in groups: **LegPaymentStubGrp**

**170.2.2125 LegPaymentStubIndexCurvePeriod**

Time unit multiplier for the floating rate index.

Type: **int**

Used in groups: **LegPaymentStubGrp**

**170.2.2126 LegPaymentStubIndexCurveUnit**

Time unit associated with the floating rate index.

Type: **String**

Allowed values in PaymentStreamRateIndexCurveUnitCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
D	Day	Day
Wk	Week	Week
Mo	Month	Month
Yr	Year	Year

---

Used in groups: **LegPaymentStubGrp**

**170.2.2127 LegPaymentStubIndexFloorRate**

The floor rate, if any, which applies to the floating rate. The floor rate (strike) is only required where the floating rate on a swap stream is floored at a certain strike level. The floor rate is assumed to be exclusive of any spread and is a per annum rate, expressed as a decimal. A floor rate of 5% would be represented as 0.05.

Type: **Percentage**

Used in groups: **LegPaymentStubGrp**

**170.2.2128 LegPaymentStubIndexFloorRateBuySide**

Reference to the buyer of the floor rate option through its trade side.

Type: **int**

Allowed values in PaymentStreamFloorRateBuySideCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
1	Buyer	Buyer of the trade
2	Seller	Seller of the trade

---

Used in groups: **LegPaymentStubGrp**

**170.2.2129 LegPaymentStubIndexFloorRateSellSide**

Reference to the seller of the floor rate option through its trade side.

Type: **int**

Allowed values in PaymentStreamFloorRateBuySideCodeSet:

Code	Name	Description
1	Buyer	Buyer of the trade
2	Seller	Seller of the trade

Used in groups: **LegPaymentStubGrp**

**170.2.2130 LegPaymentStubIndexRateMultiplier**

A rate multiplier to apply to the floating rate. The multiplier can be less than or greater than 1 (one). This element should only be included if the multiplier is not equal to 1 (one) for the term of the stream.

Type: **float**

Used in groups: **LegPaymentStubGrp**

**170.2.2131 LegPaymentStubIndexRateSpread**

Spread from floating rate index.

Type: **PriceOffset**

Used in groups: **LegPaymentStubGrp**

**170.2.2132 LegPaymentStubIndexRateSpreadPositionType**

Identifies whether the rate spread is applied to a long or a short position.

Type: **int**

Allowed values in PaymentStreamRateSpreadPositionTypeCodeSet:

---

Code	Name	Description
0	Short	Short
1	Long	Long

---

Used in groups: [LegPaymentStubGrp](#)

### 170.2.2133 LegPaymentStubIndexRateTreatment

Specifies the yield calculation treatment for the stub index.

Type: [int](#)

Allowed values in PaymentStreamRateTreatmentCodeSet:

---

Code	Name	Description
0	BondEquivalentYield	Bond equivalent yield
1	MoneyMarketYield	Money market yield

---

Used in groups: [LegPaymentStubGrp](#)

### 170.2.2134 LegPaymentStubIndexSource

The source for the stub floating rate index.

Type: [int](#)

Allowed values in PaymentStreamRateIndexSourceCodeSet:

---

Code	Name	Description
0	Bloomberg	Bloomberg
1	Reuters	Reuters
2	Telerate	Telerate
99	Other	Other

---

Used in groups: [LegPaymentStubGrp](#)



**170.2.2135 LegPaymentStubLength**

Optional indication whether stub is shorter or longer than the regular swap period.

Type: **int**

Allowed values in PaymentStubLengthCodeSet:

Code	Name	Description
0	Short	Short
1	Long	Long

Used in groups: **LegPaymentStubGrp**

**170.2.2136 LegPaymentStubRate**

The agreed upon fixed rate for this stub.

Type: **Percentage**

Used in groups: **LegPaymentStubGrp**

**170.2.2137 LegPaymentStubStartDateAdjusted**

The adjusted stub start date.

Type: **LocalMktDate**

Used in components: **LegPaymentStubStartDate**

**170.2.2138 LegPaymentStubStartDateBusinessCenter**

The business center calendar used for date adjustment of the payment stub start date, e.g. "GBLO".

See <http://www.fpml.org/coding-scheme/business-center> for standard 4-character code values.

Type: **String**

Used in groups: **LegPaymentStubStartDateBusinessCenterGrp**

**170.2.2139 LegPaymentStubStartDateBusinessCenterGrp**

LegPaymentStubStartDateBusinessCenterGrp is a repeating subcomponent within the LegPaymentStubStartDate component. It is used to specify the set of business centers whose calendars drive the date adjustment. Used only to override the business centers defined in the LegDateAdjustment component in InstrumentLeg.

Name	Mult.	Type	Description
NoLegPaymentStubStartDateBusinessCenters	[1..1]	NumInGroup	
LegPaymentStubStartDateBusinessCenter	[0..1]	String	Required if NoLegPaymentStubStartDateBusinessCenters(42504) > 0.

Used in components: [LegPaymentStubStartDate](#)

**170.2.2140 LegPaymentStubStartDateBusinessDayConvention**

The stub start date business day convention.

Type: [int](#)

Allowed values in BusinessDayConventionCodeSet:

Code	Name	Description
0	NotApplicable	Not applicable. Business day convention is not applicable.
1	None	None (current day)
2	FollowingDay	Following day. The following business day.
3	FloatingRateNote	Floating rate note. The FRN business day convention.
4	ModifiedFollowingDay	Modified following day. The modified following business day.
5	PrecedingDay	Preceding day. The preceding business day.
6	ModifiedPrecedingDay	Modified preceding day. The modified preceding business day.
7	NearestDay	Nearest day. The nearest applicable business day.

Used in components: [LegPaymentStubStartDate](#)

**170.2.2141 LegPaymentStubStartDate**

LegPaymentStubStartDate is a subcomponent of the LegPaymentStubGrp component used to specify the start date of the payment stub.

Name	Mult.	Type	Description
LegPaymentStubStartDateUnadjusted	[0..1]	LocalMktDate	
LegPaymentStubStartDateBusiness-DayConvention	[0..1]	CodeSet	When specified, this overrides the business day convention defined in the LegDateAdjustment component in InstrumentLeg. The specified value would be specific to this payment stub instance.
LegPaymentStubStartDateBusiness-CenterGrp	[0..*]	Group	When specified, this overrides the business centers defined in the LegDateAdjustment component in InstrumentLeg. The specified values would be specific to this payment stub instance.
LegPaymentStubStartDateRelativeTo	[0..1]	int	
LegPaymentStubStartDateOffsetPeriod	[0..1]	int	Conditionally required when LegPaymentStubStartDateOffsetUnit(42501) is specified.
LegPaymentStubStartDateOffsetUnit	[0..1]	CodeSet	Conditionally required when LegPaymentStubStartDateOffsetPeriod(42500) is specified.
LegPaymentStubStartDateOffsetDay-Type	[0..1]	CodeSet	
LegPaymentStubStartDateAdjusted	[0..1]	LocalMktDate	

Used in groups: [LegPaymentStubGrp](#)

**170.2.2142 LegPaymentStubStartDateOffsetDayType**

Specifies the day type of the relative stub start date offset.

Type: [int](#)

Allowed values in PaymentStreamPaymentDateOffsetDayTypeCodeSet:

Code	Name	Description
0	Business	Business
1	Calendar	Calendar

Code	Name	Description
2	CommodityBusiness	Commodity business
3	CurrencyBusiness	Currency business
4	ExchangeBusiness	Exchange business
5	ScheduledTradingDay	Scheduled trading day

Used in components: [LegPaymentStubStartDate](#)

#### **170.2.2143 LegPaymentStubStartDateOffsetPeriod**

Time unit multiplier for the relative stub start date offset.

Type: [int](#)

Used in components: [LegPaymentStubStartDate](#)

#### **170.2.2144 LegPaymentStubStartDateOffsetUnit**

Time unit associated with the relative stub start date offset.

Type: [String](#)

Allowed values in PaymentStreamPaymentDateOffsetUnitCodeSet:

Code	Name	Description
D	Day	Day
Wk	Week	Week
Mo	Month	Month
Yr	Year	Year

Used in components: [LegPaymentStubStartDate](#)

#### **170.2.2145 LegPaymentStubStartDateRelativeTo**

Specifies the anchor date when the stub start date is relative to an anchor date.

See [http://www.fixtradingcommunity.org/codelists#Relative\\_To\\_Date](http://www.fixtradingcommunity.org/codelists#Relative_To_Date) for values.

Type: [int](#)

Used in components: [LegPaymentStubStartDate](#)

**170.2.2146 LegPaymentStubStartDateUnadjusted**

The unadjusted stub start date.

Type: [LocalMktDate](#)

Used in components: [LegPaymentStubStartDate](#)

**170.2.2147 LegPaymentStubType**

Stub type.

Type: [int](#)

Allowed values in PaymentStubTypeCodeSet:

---

Code	Name	Description
0	Initial	Initial
1	Final	Final
2	CompoundingInitial	Compounding initial
3	CompoundingFinal	Compounding final

---

Used in groups: [LegPaymentStubGrp](#)

**170.2.2148 LegPhysicalSettlBusinessDays**

The number of business days used in the determination of physical settlement. Its precise meaning depends on the context in which this is used.

Type: [int](#)

Used in groups: [LegPhysicalSettlTermGrp](#)

**170.2.2149 LegPhysicalSettlCurency**

Specifies the currency of physical settlement. Uses ISO 4217 currency codes.

Type: [Currency](#)

Used in groups: [LegPhysicalSettlTermGrp](#)

**170.2.2150 LegPhysicalSettlDeliverableObligationGrp**

The LegPhysicalSettlDeliverableObligationGrp is a repeating component within the LegPhysicalSettlTermGrp component used to report credit default swap (CDS) physical settlement delivery obligations.

Name	Mult.	Type	Description
NoLegPhysicalSettlDeliverableObligations	[1..1]	NumInGroup	
LegPhysicalSettlDeliverableObligationType	[0..1]	String	Required if NoLegPhysicalSettlDeliverableObligations(41604) > 0.
LegPhysicalSettlDeliverableObligationValue	[0..1]	String	

Used in groups: [LegPhysicalSettlTermGrp](#)

**170.2.2151 LegPhysicalSettlDeliverableObligationType**

Specifies the type of delivery obligation applicable for physical settlement.

See [http://www.fixptradingcommunity.org/codelists#Deliverable\\_Obligation\\_Types](http://www.fixptradingcommunity.org/codelists#Deliverable_Obligation_Types) for code list for applicable deliverable obligation types.

Type: **String**

Used in groups: [LegPhysicalSettlDeliverableObligationGrp](#)

**170.2.2152 LegPhysicalSettlDeliverableObligationValue**

Physical settlement delivery obligation value appropriate to LegPhysicalSettlDeliverableObligationType(41605).

See [http://www.fixtradingcommunity.org/codelists#Deliverable\\_Obligation\\_Types](http://www.fixtradingcommunity.org/codelists#Deliverable_Obligation_Types) for code list for applicable deliverable obligation types.

Type: **String**

Used in groups: [LegPhysicalSettlDeliverableObligationGrp](#)

**170.2.2153 LegPhysicalSettlMaximumBusinessDays**

A maximum number of business days. Its precise meaning depends on the context in which this element is used. Intended to be used to limit a particular ISDA fallback provision.

Type: **int**

Used in groups: **LegPhysicalSettlTermGrp**

**170.2.2154 LegPhysicalSettlTermGrp**

The LegPhysicalSettlTermGrp is a repeating component within the InstrumentLeg component used to report physical settlement terms.

Name	Mult.	Type	Description
<b>NoLegPhysicalSettlTerms</b>	[1..1]	NumInGroup	
<b>LegPhysicalSettlDeliverableObligation-Grp</b>	[0..*]	Group	Required if NoLegPhysicalSettlTerms(41599) > 0.
<b>LegPhysicalSettlCurrency</b>	[0..1]	Currency	
<b>LegPhysicalSettlBusinessDays</b>	[0..1]	int	
<b>LegPhysicalSettlMaximumBusiness-Days</b>	[0..1]	int	
<b>LegPhysicalSettlTermXID</b>	[0..1]	XID	

Used in components: **InstrumentLeg**

**170.2.2155 LegPhysicalSettlTermXID**

A named string value referenced by UnderlyingSettlTermXIDRef(41315).

Type: **XID**

Used in groups: **LegPhysicalSettlTermGrp**

**170.2.2156 LegPool**

For Fixed Income, identifies MBS / ABS pool for a specific leg of a multi-leg instrument.

See Pool (691) for description and valid values.

Type: **String**

Used in components: **InstrumentLeg**

### **170.2.2157 LegPosAmt**

Leg position amount.

Type: **Amt**

Used in groups: **LegPositionAmountData**

### **170.2.2158 LegPosAmtReason**

Specifies the reason for an amount type when reported on a position. Useful when multiple instances of the same amount type are reported.

Type: **int**

Allowed values in PosAmtReasonCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	OptionsSettlement	Options settlement
1	PendingErosionAdjustment	Pending erosion adjustment
2	FinalErosionAdjustment	Final erosion adjustment
3	TearUpCouponAmount	Tear-up coupon amount
4	PriceAlignmentInterest	Price alignment interest. To minimize the impact of daily cash variation margin payments on the pricing of interest rate swaps, the Clearing House will charge interest on cumulative variation margin received and pay interest on cumulative variation margin paid in respect of these instruments. This interest element is known as price alignment interest.
5	DeliveryInvoiceCharges	Delivery invoice charges
6	DeliveryStorageCharges	Delivery storage charges

---

Used in groups: **LegPositionAmountData**

### **170.2.2159 LegPosAmtType**

Type of leg position amount.



Type: **String**

Allowed values in PosAmtTypeCodeSet:

<b>Code</b>	<b>Name</b>	<b>Description</b>
CASH	CashAmount	Cash amount (corporate event)
CRES	CashResidualAmount	Cash residual amount
FMTM	FinalMarkToMarketAmount	Final mark-to-market amount
IMTM	IncrementalMarkToMarketAmount	Incremental mark-to-market
PREM	PremiumAmount	Premium amount
SMTM	StartOfDayMarkToMarketAmount	Start of day mark-to-market
TVAR	TradeVariationAmount	Trade variation amount
VADJ	ValueAdjustedAmount	Value adjusted amount
SETL	SettlementValue	Settlement value
ICPN	InitialTradeCouponAmount	Initial trade coupon amount
ACPN	AccruedCouponAmount	Accrued coupon amount
CPN	CouponAmount	Coupon amount
IACPN	IncrementalAccruedCoupon	Incremental accrued coupon
CMTM	CollateralizedMarkToMarket	Collateralized mark-to-market
ICMTM	IncrementalCollateralizedMark-ToMarket	Incremental collateralized mark-to-market
DLV	CompensationAmount	Compensation amount
BANK	TotalBankedAmount	Total banked amount
COLAT	TotalCollateralizedAmount	Total collateralized amount
LSNV	LongPairedSwapNotionalValue	Long paired swap or swaption notional value
SSNV	ShortPairedSwapNotionalValue	Short paired swap or swaption notional value
SACPN	StartOfDayAccruedCoupon	Start-of-day accrued coupon
NPV	NetPresentValue	Net present value
SNPV	StartOfDayNetPresentValue	Start-of-day net present value
NCF	NetCashFlow	Net cash flow
PVFEES	PresentValueOfFees	Present value of all fees
PV01	PresentValueOneBasisPoints	Present value of one basis points. Change in value if yield curve shifts 0.01%.
5YREN	FiveYearEquivalentNotional	The five year equivalent notional amount
UMTM	UndiscountedMarkToMarket	Undiscounted mark-to-market
MTD	MarkToModel	Mark-to-model
VMTM	MarkToMarketVariance	Mark-to-market variance

Code	Name	Description
VMTD	MarkToModelVariance	Mark-to-model variance
UPFRNT	UpfrontPayment	Upfront payment
ENDV	EndVale	End value. Principal amount of a securities financing transaction on maturity date.
MGNLN	OutstandingMarginLoan	Outstanding margin loan. The amount of the outstanding margin loan. In the event that the loan has a short market value, PosAmt(708) would be a negative value.
LNVL	LoanValue	Loan value. The amount of the loan.

Used in groups: [LegPositionAmountData](#)

### 170.2.2160 LegPosCurrency

Leg position currency.

Type: [Currency](#)

Used in groups: [LegPositionAmountData](#)

### 170.2.2161 LegPosCurrencyCodeSource

Identifies class or source of the LegPosCurrency(1589) value.

Type: [String](#)

Allowed values in CurrencyCodeSourceCodeSet:

Code	Name	Description
1	CUSIP	CUSIP
2	SEDOL	SEDOL
4	ISINNumber	ISIN
6	ISOCurrencyCode	ISO Currency Code (ISO 4217)
S	FinancialInstrumentGlobalIdentifier	Financial Instrument Global Identifier. An Object Management Group (OMG) standard. Also referred to as FIGI. Formerly known as "Bloomberg Open Symbology BBGID".
Y	DigitalTokenIdentifier	Digital Token Identifier (ISO 24165)

Used in groups: [LegPositionAmountData](#)

**170.2.2162 LegPositionAmountData**

Name	Mult.	Type	Description
NoLegPosAmt	[1..1]	NumInGroup	Number of Position Amount entries
LegPosAmt	[0..1]	Amt	Conditionally required if NoLegPosAmt > 0.
LegPosAmtType	[0..1]	CodeSet	
LegPosCurrency	[0..1]	Currency	
LegPosCurrencyCodeSource	[0..1]	CodeSet	
LegPosAmtReason	[0..1]	CodeSet	

Used in groups: [TrdInstrmtLegGrp](#)

**170.2.2163 LegPositionEffect**

PositionEffect for leg of a multileg

See PositionEffect (77) field for description

Type: [char](#)

Allowed values in PositionEffectCodeSet:

Code	Name	Description
C	Close	Close
F	FIFO	FIFO
O	Open	Open
R	Rolled	Rolled
N	CloseButNotifyOnOpen	Close but notify on open
D	Default	Default

Used in groups: [InstrmtLegExecGrp](#), [LegOrdGrp](#), [SideCrossLegGrp](#), [TrdInstrmtLegExecGrp](#), [TrdInstrmt-LegGrp](#)

**170.2.2164 LegPositionLimit**

Position Limit for a given exchange-traded product.

Type: **int**

Used in components: **InstrumentLeg**

### 170.2.2165 LegPreAllocGrp

Name	Mult.	Type	Description
NoLegAllocs	[1..1]	NumInGroup	
LegAllocAccount	[0..1]	String	
LegIndividualAllocID	[0..1]	String	
NestedParties2	[0..*]	Group	
LegAllocQty	[0..1]	Qty	
LegAllocAcctIDSource	[0..1]	CodeSet	
LegAllocSettlCurrency	[0..1]	Currency	
LegAllocSettlCurrencyCodeSource	[0..1]	CodeSet	
LegCustodialLotID	[0..1]	String	Only used for specific lot trades.
LegVersusPurchaseDate	[0..1]	LocalMktDate	Only used for specific lot trades. If this field is used, either LegVersusPurchasePrice(1758) or LegCurrentCostBasis(1759) should be specified.
LegVersusPurchasePrice	[0..1]	Price	Only used for specific lot trades. If this field is used, LegVersusPurchaseDate(1757) should be specified.
LegCurrentCostBasis	[0..1]	Amt	Only used for specific lot trades. If this field is used, LegVersusPurchaseDate(1757) should be specified.

Used in groups: **InstrmtLegExecGrp**, **LegOrdGrp**, **SideCrossLegGrp**

### 170.2.2166 LegPrice

Price for leg of a multileg

See Price (44) field for description

Type: **Price**

Used in components: **InstrumentLeg**

**170.2.2167 LegPriceQuoteCurrency**

Default currency in which the price is quoted. Defined at the instrument level. Used in place of Currency (tag 15) to express the currency of a product when the former is implemented as the FX dealt currency.

Type: **Currency**

Used in components: **InstrumentLeg**

**170.2.2168 LegPriceQuoteCurrencyCodeSource**

Identifies class or source of the LegPriceQuoteCurrency(1528) value.

Type: **String**

Allowed values in CurrencyCodeSourceCodeSet:

---

Code	Name	Description
1	CUSIP	CUSIP
2	SEDOL	SEDOL
4	ISINNumber	ISIN
6	ISOCurrencyCode	ISO Currency Code (ISO 4217)
S	FinancialInstrumentGlobalIdentifier	Financial Instrument Global Identifier. An Object Management Group (OMG) standard. Also referred to as FIGI. Formerly known as "Bloomberg Open Symbology BBGID".
Y	DigitalTokenIdentifier	Digital Token Identifier (ISO 24165)

---

Used in components: **InstrumentLeg**

**170.2.2169 LegPriceQuoteMethod**

Specifies the method for price quotation.

Type: **String**

Allowed values in PriceQuoteMethodCodeSet:

---

Code	Name	Description
STD	Standard	Standard, money per unit of a physical
INX	Index	Index

---

Code	Name	Description
INT	InterestRateIndex	Interest rate Index
PCTPAR	PercentOfPar	Percent of Par

Used in components: [InstrumentLeg](#)

### 170.2.2170 LegPriceType

The price type of the LegBidPx (681) and/or LegOfferPx (684).

See PriceType (423) for description and valid values

Type: [int](#)

Allowed values in PriceTypeCodeSet:

Code	Name	Description
1	Percentage	Percentage (i.e. percent of par) (often called "dollar price" for fixed income)
2	PerUnit	Per unit (i.e. per share or contract)
3	FixedAmount	Fixed amount (absolute value)
4	Discount	Discount - percentage points below par
5	Premium	Premium - percentage points over par
6	Spread	Spread (basis points spread). Usually the difference in yield between two switched bonds or a corporate bond traded spread-to-benchmark.
7	TEDPrice	TED Price
8	TEDYield	TED Yield
9	Yield	Yield
10	FixedCabinetTradePrice	Fixed cabinet trade price (primarily for listed futures and options)
11	VariableCabinetTradePrice	Variable cabinet trade price (primarily for listed futures and options)
12	PriceSpread	Price spread. Price spread is expressed based on market convention for the asset being priced or traded. For example, the difference between the prices of a multileg switch or strategy expressed in basis points for a CDS or TBA roll; a price value to be added to a reference price, such as a "pay up" for specified pools

Code	Name	Description
13	ProductTicksInHalves	Product ticks in halves
14	ProductTicksInFourths	Product ticks in fourths
15	ProductTicksInEighths	Product ticks in eighths
16	ProductTicksInSixteenths	Product ticks in sixteenths
17	ProductTicksInThirtySeconds	Product ticks in thirty-seconds
18	ProductTicksInSixtyFourths	Product ticks in sixty-fourths
19	ProductTicksInOneTwentyEighths	Product ticks in one-twenty-eighths
20	NormalRateRepresentation	Normal rate representation (e.g. FX rate)
21	InverseRateRepresentation	Inverse rate representation (e.g. FX rate)
22	BasisPoints	Basis points. When the price is not spread based.
23	UpfrontPoints	Up front points. Used specifically for CDS pricing.
24	InterestRate	Interest rate. When the price is an interest rate. For example, used with benchmark reference rate.
25	PercentageNotional	Percentage of notional

Used in groups: [LegQuotGrp](#), [TrdInstrmtLegExecGrp](#), [TrdInstrmtLegGrp](#)

### 170.2.2171 LegPriceUnitOfMeasure

Refer to definition for PriceUnitOfMeasure(1191)

Type: [String](#)

Allowed values in UnitOfMeasureCodeSet:

Code	Name	Description
Alw	Allowances	Allowances
Bcf	BillionCubicFeet	Billion cubic feet
Bbl	Barrels	Barrels. Equal to 42 US gallons
CBM	CubicMeters	Cubic Meters
BDFT	BoardFeet	Board feet. Equal to 144 cubic inches
GJ	Gigajoules	gigajoules
Bu	Bushels	Bushels
kHR	HeatRate	Heat rate. The number of BTUs required to produce one kilowatt hour of electricity, typically 3,412.14 BTUs per 1 kWh.

<b>Code</b>	<b>Name</b>	<b>Description</b>
Ccy	Currency	Amount of currency
kWh	KilowattHours	Kilowatt hours
CDD	CoolingDegreeDay	Cooling degree day
MHR	MegaHeatRate	Mega heat rate. The number of million BTUs required to produce one megawatt hour of electricity, typically 3.41214 million BTUs per 1 MWh.
CER	CertifiedEmissionsReduction	Certified emissions reduction
MMBtu	OneMillionBTU	One Million BTU
CPD	CriticalPrecipDay	Critical precipitation day
MWh	MegawattHours	Megawatt hours
CRT	ClimateReserveTonnes	Climate reserve tonnes
thm	Therms	therms. Equal to 100,000 BTU
cwt	Hundredweight	Hundredweight(US). Equal to 100 lbs
tnCO2	TonsOfCarbonDioxide	Tons of carbon dioxide
day	Day	Days
dt	DryMetricTons	Dry metric tons
EnvAllwnc	EnvAllwncCert	Environmental allowance certificates
EnvCrd	EnvironmentalCredit	Environmental credit
EnvOfst	EnvironmentalOffset	Environmental Offset
g	Grams	Grams
Gal	Gallons	Gallons
GT	GrossTons	Gross tons. Also known as long tons or imperial tons, equal to 2240 lbs
HDD	HeatingDegreeDay	Heating degree day
IPNT	IndexPoint	Index point
kg	Kilograms	Kilograms
kL	Kiloliters	kiloliters
kW-a	KilowattYear	Kilowatt year (electrical capacity)
kW-d	KilowattDay	Kilowatt day (electrical capacity)
kW-h	KilowattHour	Kilowatt hour (electrical capacity)
kW-M	KilowattMonth	Kilowatt month (electrical capacity)
kW-min	KilowattMinute	Kilowatt-Minute (electrical capacity)
L	Liters	liters
lbs	Pounds	pounds
MW-a	MegawattYear	Megawatt year (electrical capacity)



<b>Code</b>	<b>Name</b>	<b>Description</b>
MW-d	MegawattDay	Megawatt day (electrical capacity)
MW-h	MegawattHour	Megawatt hour (electrical capacity)
MW-M	MegawattMonth	Megawatt month (electrical capacity)
MW-min	MegawattMinute	Megawatt minute (electrical capacity)
oz_tr	TroyOunces	Troy ounces
PRINC	PrincipalWithRelationToDebtInstrument	Principal with relation to debt instrument
t	MetricTons	Metric tons. Also known as Tonnes, equal to 1000 kg
tn	Tons	Tons (US). Equal to 2000 lbs
a	Are	Are
ac	Acre	Acre
cL	Centiliter	Centiliter
cM	Centimeter	Centimeter
DGE	DieselGallonEquivalent	Diesel gallon equivalent
ft	Foot	Foot
Gal_gb	GBGallon	GB Gallon
GGE	GasolineGallonEquivalent	Gasonline gallon equivalent
ha	Hectare	Hectare
in	Inch	Inch
kM	Kilometer	Kilometer
M	Meter	Meter
mi	Mile	Mile
mL	Milliliter	Milliliter
mM	Millimeter	Millimeter
oz	USOunce	US ounce
pc	Piece	Piece
pt	USPint	US Pint
pt_gb	GBPint	GB pint
qt	USQuart	US Quart
qt_gb	GBQuart	GB Quart
SqcM	SquareCentimeter	Square centimeter
Sqft	SquareFoot	Square foot
Sqin	SquareInch	Square inch
SqkM	SquareKilometer	Square kilometer

Code	Name	Description
SqM	SquareMeter	Square meter
Sqmi	SquareMile	Square mile
SqmM	SquareMillimeter	Square millimeter
Sqyd	SquareYard	Square yard
yd	Yard	Yard
MMbbl	MillionBarrels	Million Barrels
USD	USDollars	US Dollars

Used in components: [InstrumentLeg](#)

#### 170.2.2172 LegPriceUnitOfMeasureCurrency

Indicates the currency of the price unit of measure. Conditionally required when LegPriceUnitOfMeasure(1421) = Ccy

Type: [Currency](#)

Used in components: [InstrumentLeg](#)

#### 170.2.2173 LegPriceUnitOfMeasureCurrencyCodeSource

Identifies class or source of the LegPriceUnitOfMeasureCurrency(1721) value.

Type: [String](#)

Allowed values in CurrencyCodeSourceCodeSet:

Code	Name	Description
1	CUSIP	CUSIP
2	SEDOL	SEDOL
4	ISINNumber	ISIN
6	ISOCurrencyCode	ISO Currency Code (ISO 4217)
S	FinancialInstrumentGlobalIdentifier	Financial Instrument Global Identifier. An Object Management Group (OMG) standard. Also referred to as FIGI. Formerly known as "Bloomberg Open Symbology BBGID".
Y	DigitalTokenIdentifier	Digital Token Identifier (ISO 24165)

Used in components: [InstrumentLeg](#)

**170.2.2174 LegPriceUnitOfMeasureQty**

Refer to definition of PriceUnitOfMeasureQty(1192)

Type: Qty

Used in components: InstrumentLeg

**170.2.2175 LegPricingDateAdjusted**

The adjusted pricing or fixing date.

Type: LocalMktDate

Used in components: LegPricingDateTime

**170.2.2176 LegPricingDateBusinessCenter**

The business center calendar used to adjust the pricing or fixing date, e.g. "GBLO".

See <http://www.fpml.org/coding-scheme/business-center> for standard 4-character code values.

Type: String

Used in groups: LegPricingDateBusinessCenterGrp

**170.2.2177 LegPricingDateBusinessCenterGrp**

LegPricingDateBusinessCenterGrp is a repeating subcomponent of the LegPricingDateTime component used to specify the set of business centers whose calendars drive date adjustment. Used only to override the business centers defined in the LegDateAdjustment component in InstrumentLeg.

Name	Mult.	Type	Description
NoLegPricingDateBusinessCenters	[1..1]	NumInGroup	
LegPricingDateBusinessCenter	[0..1]	String	Required if NoLegPricingDateBusinessCenters(41607) > 0.

Used in components: LegPricingDateTime

**170.2.2178 LegPricingDateBusinessDayConvention**

The business day convention used to adjust the pricing or fixing date. Used only to override the business day convention specified in the LegDateAdjustment component within the InstrumentLeg component.

Type: **int**

Allowed values in BusinessDayConventionCodeSet:

Code	Name	Description
0	NotApplicable	Not applicable. Business day convention is not applicable.
1	None	None (current day)
2	FollowingDay	Following day. The following business day.
3	FloatingRateNote	Floating rate note. The FRN business day convention.
4	ModifiedFollowingDay	Modified following day. The modified following business day.
5	PrecedingDay	Preceding day. The preceding business day.
6	ModifiedPrecedingDay	Modified preceding day. The modified preceding business day.
7	NearestDay	Nearest day. The nearest applicable business day.

Used in components: [LegPricingDateTime](#)

**170.2.2179 LegPricingDateTime**

The LegPricingDateTime component is a subcomponent of InstrumentLeg used to specify an adjusted or unadjusted pricing or fixing date and optionally the time, e.g. for a commodity or FX forward trade.

Name	Mult.	Type	Description
<a href="#">LegPricingDateUnadjusted</a>	[0..1]	LocalMktDate	
<a href="#">LegPricingDateBusinessDayConvention</a>	[0..1]	CodeSet	When specified, this overrides the business day convention defined in the LegDateAdjustment component in InstrumentLeg. The specified value would be specific to the pricing dates.
<a href="#">LegPricingDateBusinessCenterGrp</a>	[0..*]	Group	When specified, this overrides the business centers defined in the LegDateAdjustment component in InstrumentLeg. The specified values would be specific to the pricing dates.
<a href="#">LegPricingDateAdjusted</a>	[0..1]	LocalMktDate	

---

Name	Mult.	Type	Description
LegPricingTime	[0..1]	LocalMktTime	
LegPricingTimeBusinessCenter	[0..1]	String	

---

Used in components: [InstrumentLeg](#)

#### **170.2.2180 LegPricingDateUnadjusted**

The unadjusted pricing or fixing date.

Type: [LocalMktDate](#)

Used in components: [LegPricingDateTime](#)

#### **170.2.2181 LegPricingTime**

The local market pricing or fixing time.

Type: [LocalMktTime](#)

Used in components: [LegPricingDateTime](#)

#### **170.2.2182 LegPricingTimeBusinessCenter**

Specifies the business center for determining the pricing or fixing time. See <http://www.fpml.org/coding-scheme/business-center> for standard 4-character code values.

Type: [String](#)

Used in components: [LegPricingDateTime](#)

#### **170.2.2183 LegProduct**

Multileg instrument's individual security's Product.

See Product (460) field for description

Type: [int](#)

Allowed values in ProductCodeSet:

---

Code	Name	Description
1	AGENCY	AGENCY
2	COMMODITY	COMMODITY
3	CORPORATE	CORPORATE
4	CURRENCY	CURRENCY
5	EQUITY	EQUITY
6	GOVERNMENT	GOVERNMENT
7	INDEX	INDEX
8	LOAN	LOAN
9	MONEYMARKET	MONEYMARKET
10	MORTGAGE	MORTGAGE
11	MUNICIPAL	MUNICIPAL
12	OTHER	OTHER
13	FINANCING	FINANCING

---

Used in components: [InstrumentLeg](#)

#### **170.2.2184 LegProtectionTermBuyerNotifies**

The notifying party is the party that notifies the other party when a credit event has occurred by means of a credit event notice. If more than one party is referenced as being the notifying party then either party may notify the other of a credit event occurring. LegProtectionTermBuyerNotifies(41621)=Y indicates that the buyer notifies.

Type: [Boolean](#)

Used in groups: [LegProtectionTermGrp](#)

#### **170.2.2185 LegProtectionTermCurrency**

The currency of LegProtectionTermNotional(41618). Uses ISO 4217 currency codes.

Type: [Currency](#)

Used in groups: [LegProtectionTermGrp](#)

**170.2.2186 LegProtectionTermEventBusinessCenter**

When used, the business center indicates the local time of the business center that replaces the Greenwich Mean Time in Section 3.3 of the 2003 ISDA Credit Derivatives Definitions.

See <http://www.fpml.org/coding-scheme/business-center> for standard 4-character code values.

Type: **String**

Used in groups: **LegProtectionTermGrp**

**170.2.2187 LegProtectionTermEventCurrency**

Applicable currency if the event value is an amount. Uses ISO 4217 currency codes.

Type: **Currency**

Used in groups: **LegProtectionTermEventGrp**

**170.2.2188 LegProtectionTermEventDayType**

Day type for events that specify a period and unit.

Type: **int**

Allowed values in PaymentStreamInflationLagDayTypeCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	Business	Business
1	Calendar	Calendar
2	CommodityBusiness	Commodity business
3	CurrencyBusiness	Currency business
4	ExchangeBusiness	Exchange business
5	ScheduledTradingDay	Scheduled trading day

---

Used in groups: **LegProtectionTermEventGrp**

**170.2.2189 LegProtectionTermEventGrp**

The LegProtectionTermEventGrp is a repeating component within the LegProtectionTermGrp component used to report applicable CDS credit events.

Name	Mult.	Type	Description
NoLegProtectionTermEvents	[1..1]	NumInGroup	
LegProtectionTermEventType	[0..1]	String	Required if NoLegProtectionTermEvents(41625) > 0.
LegProtectionTermEventValue	[0..1]	String	
LegProtectionTermEventCurrency	[0..1]	Currency	
LegProtectionTermEventPeriod	[0..1]	int	Conditionally required when LegProtectionTermEventUnit(41630).
LegProtectionTermEventUnit	[0..1]	CodeSet	Conditionally required when LegProtectionTermEventPeriod(41629).
LegProtectionTermEventDayType	[0..1]	CodeSet	
LegProtectionTermEventRateSource	[0..1]	String	
LegProtectionTermEventQualifierGrp	[0..*]	Group	

Used in groups: [LegProtectionTermGrp](#)

#### 170.2.2190 LegProtectionTermEventMinimumSources

The minimum number of the specified public information sources that must publish information that reasonably confirms that a credit event has occurred. The market convention is two.

Type: [int](#)

Used in groups: [LegProtectionTermGrp](#)

#### 170.2.2191 LegProtectionTermEventNewsSource

A newspaper or electronic news service that may publish relevant information used in the determination of whether or not a credit event has occurred.

Type: [String](#)

Used in groups: [LegProtectionTermEventNewsSourceGrp](#)

#### 170.2.2192 LegProtectionTermEventNewsSourceGrp

LegProtectionTermEventNewsSourceGrp is a repeating subcomponent of the LegProtectionTermGrp component used to specify the particular newspapers or electronic news services that may publish relevant information used in the determination of whether or not a credit event has occurred.



Name	Mult.	Type	Description
NoLegProtectionTermEventNewsSources	[1..1]	NumInGroup	
LegProtectionTermEventNewsSource	[0..1]	String	Required if NoLegProtectionTermEventNewsSources(41614) > 0.

Used in groups: [LegProtectionTermGrp](#)

### 170.2.2193 LegProtectionTermEventPeriod

Time unit multiplier for protection term events.

Type: [int](#)

Used in groups: [LegProtectionTermEventGrp](#)

### 170.2.2194 LegProtectionTermEventQualifier

Specifies the protection term event qualifier. Used to further qualify LegProtectionTermEvent-  
Type(41626).

Type: [char](#)

Allowed values in ProtectionTermEventQualifierCodeSet:

Code	Name	Description
H	RestructuringMultipleHoldingObligations	Restructuring - multiple holding obligations. In relation to a restructuring credit event, unless multiple holder obligation is not specified restructurings are limited to multiple holder obligations. A multiple holder obligation means an obligation that is held by more than three holders that are not affiliates of each other and where at least two thirds of the holders must agree to the event that constitutes the restructuring credit event. ISDA 2003 Term: Multiple Holder Obligation.
E	RestructuringMultipleCreditEvent-Notices	Restructuring - multiple credit event notices. Presence of this element and value set to 'true' indicates that Section 3.9 of the 2003 Credit Derivatives Definitions shall apply. Absence of this element indicates that Section 3.9 shall not apply. NOTE: Not allowed under ISDA Credit 1999.
C	FloatingRateInterestShortfall	Floating rate interest shortfall. Indicates compounding.

---

Code	Name	Description
------	------	-------------

---

Used in groups: [LegProtectionTermEventQualifierGrp](#)

#### 170.2.2195 LegProtectionTermEventQualifierGrp

The LegProtectionTermEventQualifierGrp is a repeating component within the LegProtectionTermEventGrp component used to specify qualifying attributes to the event.

---

Name	Mult.	Type	Description
<a href="#">NoLegProtectionTermEventQualifiers</a>	[1..1]	NumInGroup	
<a href="#">LegProtectionTermEventQualifier</a>	[0..1]	CodeSet	Required if NoLegProtectionTermEventQualifiers(41633) > 0.

---

Used in groups: [LegProtectionTermEventGrp](#)

#### 170.2.2196 LegProtectionTermEventRateSource

Rate source for events that specify a rate source, e.g. floating rate interest shortfall.

Type: [String](#)

Used in groups: [LegProtectionTermEventGrp](#)

#### 170.2.2197 LegProtectionTermEventType

Specifies the type of credit event applicable to the protection terms.

See [http://www.fixtradingcommunity.org/codelists#Protection\\_Term\\_Event\\_Types](http://www.fixtradingcommunity.org/codelists#Protection_Term_Event_Types) for code list of applicable event types.

Type: [String](#)

Used in groups: [LegProtectionTermEventGrp](#)

**170.2.2198 LegProtectionTermEventUnit**

Time unit associated with protection term events.

Type: **String**

Allowed values in ProtectionTermEventUnitCodeSet:

---

Code	Name	Description
D	Day	Day
Wk	Week	Week
Mo	Month	Month
Yr	Year	Year

---

Used in groups: **LegProtectionTermEventGrp**

**170.2.2199 LegProtectionTermEventValue**

Specifies the protection term event value appropriate to LegProtectionTermEventType(41626). See [http://www.fixtradingcommunity.org/codelists#Protection\\_Term\\_Event\\_Types](http://www.fixtradingcommunity.org/codelists#Protection_Term_Event_Types) for applicable event type values.

Type: **String**

Used in groups: **LegProtectionTermEventGrp**

**170.2.2200 LegProtectionTermGrp**

The LegProtectionTermGrp is a repeating component within the InstrumentLeg component used to report protection term details.

---

Name	Mult.	Type	Description
<b>NoLegProtectionTerms</b>	[1..1]	NumInGroup	
<b>LegProtectionTermNotional</b>	[0..1]	Amt	Required if NoLegProtectionTerms(41616) > 0.
<b>LegProtectionTermCurrency</b>	[0..1]	Currency	
<b>LegProtectionTermSellerNotifies</b>	[0..1]	Boolean	
<b>LegProtectionTermBuyerNotifies</b>	[0..1]	Boolean	
<b>LegProtectionTermEventBusinessCenter</b>	[0..1]	String	

---

Name	Mult.	Type	Description
<a href="#">LegProtectionTermStandardSources</a>	[0..1]	Boolean	
<a href="#">LegProtectionTermEventMinimumSources</a>	[0..1]	int	
<a href="#">LegProtectionTermEventNewsSourceGrp</a>	[0..*]	Group	
<a href="#">LegProtectionTermEventGrp</a>	[0..*]	Group	
<a href="#">LegProtectionTermObligationGrp</a>	[0..*]	Group	
<a href="#">LegProtectionTermXID</a>	[0..1]	XID	

Used in components: [InstrumentLeg](#)

### 170.2.2201 LegProtectionTermNotional

The notional amount of protection coverage.

Type: [Amt](#)

Used in groups: [LegProtectionTermGrp](#)

### 170.2.2202 LegProtectionTermObligationGrp

The LegProtectionTermObligationGrp is a repeating component within the LegProtectionTermGrp component used to report applicable credit default swap (CDS) obligations.

Name	Mult.	Type	Description
<a href="#">NoLegProtectionTermObligations</a>	[1..1]	NumInGroup	
<a href="#">LegProtectionTermObligationType</a>	[0..1]	String	Required if NoLegProtectionTermObligations(41635) > 0.
<a href="#">LegProtectionTermObligationValue</a>	[0..1]	String	

Used in groups: [LegProtectionTermGrp](#)

### 170.2.2203 LegProtectionTermObligationType

Specifies the type of obligation applicable to the protection terms.

See [http://www.fixtradingcommunity.org/codelists#Protection\\_Term\\_Obligation\\_Types](http://www.fixtradingcommunity.org/codelists#Protection_Term_Obligation_Types) for code list of applicable obligation types.

Type: **String**

Used in groups: **LegProtectionTermObligationGrp**

#### **170.2.2204 LegProtectionTermObligationValue**

The value associated with the protection term obligation specified in LegProtectionTermObligationType(41636). See [http://www.fixtradingcommunity.org/codelists#Protection\\_Term\\_Obligation\\_Types](http://www.fixtradingcommunity.org/codelists#Protection_Term_Obligation_Types) for applicable obligation type values.

Type: **String**

Used in groups: **LegProtectionTermObligationGrp**

#### **170.2.2205 LegProtectionTermSellerNotifies**

The notifying party is the party that notifies the other party when a credit event has occurred by means of a credit event notice. If more than one party is referenced as being the notifying party then either party may notify the other of a credit event occurring. LegProtectionTermSellerNotifies(41620)=Y indicates that the seller notifies.

Type: **Boolean**

Used in groups: **LegProtectionTermGrp**

#### **170.2.2206 LegProtectionTermStandardSources**

Indicates whether ISDA defined Standard Public Sources are applicable (LegProtectionTermStandardSources(41623)=Y) or not.

Type: **Boolean**

Used in groups: **LegProtectionTermGrp**

#### **170.2.2207 LegProtectionTermXID**

A named string value referenced from UnderlyingProtectionTermXIDRef(41314).

Type: **XID**

Used in groups: **LegProtectionTermGrp**

**170.2.2208 LegProvisionBreakFeeElection**

Type of fee elected for the break provision.

Type: **int**

Allowed values in ProvisionBreakFeeElectionCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	FlatFee	Flat fee
1	AmortizedFee	Amortized fee
2	FundingFee	Funding fee
3	FlatAndFundingFee	Flat fee and funding fee
4	AmortizedAndFundingFee	Amortized fee and funding fee

---

Used in groups: **LegProvisionGrp**

**170.2.2209 LegProvisionBreakFeeRate**

Break fee election rate when the break fee is proportional to the notional. A fee rate of 5% would be represented as "0.05".

Type: **Percentage**

Used in groups: **LegProvisionGrp**

**170.2.2210 LegProvisionCalculationAgent**

Used to identify the calculation agent. The calculation agent may be identified in LegProvisionCalculationAgent(40456) or in the ProvisionParties component.

Type: **int**

Allowed values in ProvisionCalculationAgentCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	ExercisingParty	Exercising party
1	NonExercisingParty	Non-exercising party
2	MasterAgreement	As specified in the master agreement
3	Supplement	As specified in the standard terms supplement

---

Code	Name	Description
------	------	-------------

Used in groups: [LegProvisionGrp](#)

#### 170.2.2211 LegProvisionCashSettlCurrency

Specifies the currency of settlement. Uses ISO 4217 currency codes.

Type: [Currency](#)

Used in groups: [LegProvisionGrp](#)

#### 170.2.2212 LegProvisionCashSettlCurrency2

Specifies the currency of settlement for a cross-currency provision. Uses ISO 4217 currency codes.

Type: [Currency](#)

Used in groups: [LegProvisionGrp](#)

#### 170.2.2213 LegProvisionCashSettlMethod

An ISDA defined cash settlement method used for the determination of the applicable cash settlement amount. The method is defined in the 2006 ISDA Definitions, Section 18.3. Cash Settlement Methods, paragraph (e).

Type: [int](#)

Allowed values in ProvisionCashSettlMethodCodeSet:

Code	Name	Description
0	CashPrice	Cash price
1	CashPriceAlternate	Cash price alternate
2	ParYieldCurveAdjusted	Par yield curve adjusted
3	ZeroCouponYieldCurveAdjusted	Zero coupon yield curve adjusted
4	ParYieldCurveUnadjusted	Par yield curve unadjusted
5	CrossCurrency	Cross currency
6	CollateralizedPrice	Collateralized price

Used in groups: [LegProvisionGrp](#)

**170.2.2214 LegProvisionCashSettlPaymentDate**

The cash settlement payment date, unadjusted or adjusted depending on LegProvisionCashSettlPaymentDateType(40521).

Type: [LocalMktDate](#)

Used in groups: [LegProvisionCashSettlPaymentFixedDateGrp](#)

**170.2.2215 LegProvisionCashSettlPaymentDateBusinessCenter**

The business center calendar used to adjust the provisional cash settlement payment's termination, or relative termination, date, e.g. "GBLO".

See <http://www.fpml.org/coding-scheme/business-center> for standard 4-character code values.

Type: [String](#)

Used in groups: [LegProvisionCashSettlPaymentDateBusinessCenterGrp](#)

**170.2.2216 LegProvisionCashSettlPaymentDateBusinessCenterGrp**

LegProvisionCashSettlPaymentDateBusinessCenterGrp is a repeating subcomponent within the LegProvisionCashSettlPaymentDates component. It is used to specify the set of business centers whose calendars drive the date adjustment. Used only to override the business centers defined in the LegDateAdjustment component in InstrumentLeg.

Name	Mult.	Type	Description
<a href="#">NoLegProvisionCashSettlPaymentDateBusinessCenters</a>	[1..1]	NumInGroup	
<a href="#">LegProvisionCashSettlPaymentDateBusinessCenter</a>	[0..1]	String	Required if <a href="#">NoLegProvisionCashSettlPaymentDateBusinessCenters(40934)</a> > 0.

Used in components: [LegProvisionCashSettlPaymentDates](#)

**170.2.2217 LegProvisionCashSettlPaymentDateBusinessDayConvention**

The business day convention used to adjust the provisional cash settlement payment's termination, or relative termination, date. Used only to override the business day convention specified in the LegDateAdjustment component within the InstrumentLeg component.



Type: **int**

Allowed values in BusinessDayConventionCodeSet:

---

Code	Name	Description
0	NotApplicable	Not applicable. Business day convention is not applicable.
1	None	None (current day)
2	FollowingDay	Following day. The following business day.
3	FloatingRateNote	Floating rate note. The FRN business day convention.
4	ModifiedFollowingDay	Modified following day. The modified following business day.
5	PrecedingDay	Preceding day. The preceding business day.
6	ModifiedPrecedingDay	Modified preceding day. The modified preceding business day.
7	NearestDay	Nearest day. The nearest applicable business day.

---

Used in components: [LegProvisionCashSettlPaymentDates](#)

#### **170.2.2218 LegProvisionCashSettlPaymentDateOffsetDayType**

Specifies the day type of the provision's relative cash settlement payment date offset.

Type: **int**

Allowed values in PaymentStreamPaymentDateOffsetDayTypeCodeSet:

---

Code	Name	Description
0	Business	Business
1	Calendar	Calendar
2	CommodityBusiness	Commodity business
3	CurrencyBusiness	Currency business
4	ExchangeBusiness	Exchange business
5	ScheduledTradingDay	Scheduled trading day

---

Used in components: [LegProvisionCashSettlPaymentDates](#)

#### **170.2.2219 LegProvisionCashSettlPaymentDateOffsetPeriod**

Time unit multiplier for the relative cash settlement payment date offset.

Type: **int**

Used in components: **LegProvisionCashSettlPaymentDates**

#### **170.2.2220 LegProvisionCashSettlPaymentDateOffsetUnit**

Time unit associated with the relative cash settlement payment date offset.

Type: **String**

Allowed values in PaymentStreamPaymentDateOffsetUnitCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
D	Day	Day
Wk	Week	Week
Mo	Month	Month
Yr	Year	Year

---

Used in components: **LegProvisionCashSettlPaymentDates**

#### **170.2.2221 LegProvisionCashSettlPaymentDateRangeFirst**

The first date in range when a settlement date range is provided.

Type: **LocalMktDate**

Used in components: **LegProvisionCashSettlPaymentDates**

#### **170.2.2222 LegProvisionCashSettlPaymentDateRangeLast**

The last date in range when a settlement date range is provided.

Type: **LocalMktDate**

Used in components: **LegProvisionCashSettlPaymentDates**

#### **170.2.2223 LegProvisionCashSettlPaymentDateRelativeTo**

Specifies the anchor date when the cash settlement payment date is relative to an anchor date.

See [http://www.fixtradingcommunity.org/codelists#Relative\\_To\\_Date](http://www.fixtradingcommunity.org/codelists#Relative_To_Date) for values.

Type: **int**

Used in components: **LegProvisionCashSettlPaymentDates**

### 170.2.2224 LegProvisionCashSettlPaymentDates

The LegProvisionCashSettlPaymentDates component is a sub-component within the LegProvisionGrp component used to report the cash settlement payment dates defined in the provision.

Name	Mult.	Type	Description
LegProvisionCashSettlPaymentDate-BusinessDayConvention	[0..1]	CodeSet	When specified, this overrides the business day convention defined in the LegDateAdjustment component in InstrumentLeg. The specified value would be specific to this instance of the leg provision cash settlement payment dates.
LegProvisionCashSettlPaymentDate-BusinessCenterGrp	[0..*]	Group	When specified, this overrides the business centers defined in the LegDateAdjustment component in InstrumentLeg. The specified values would be specific to this instance of the leg provision cash settlement payment dates.
LegProvisionCashSettlPaymentDateRelativeTo	[0..1]	int	
LegProvisionCashSettlPaymentDate-OffsetPeriod	[0..1]	int	Conditionally required when LegProvisionCashSettlPaymentDateOffsetUnit(40520) is specified.
LegProvisionCashSettlPaymentDate-OffsetUnit	[0..1]	CodeSet	Conditionally required when LegProvisionCashSettlPaymentDateOffsetPeriod(40519) is specified.
LegProvisionCashSettlPaymentDate-OffsetDayType	[0..1]	CodeSet	
LegProvisionCashSettlPaymentDateRangeFirst	[0..1]	LocalMktDate	
LegProvisionCashSettlPaymentDateRangeLast	[0..1]	LocalMktDate	
LegProvisionCashSettlPaymentFixedDateGrp	[0..*]	Group	

Used in groups: **LegProvisionGrp**

### 170.2.2225 LegProvisionCashSettlPaymentDateType

Specifies the type of date (e.g. adjusted for holidays).

Type: **int**

Allowed values in ProvisionCashSettlPaymentDateTypeCodeSet:

---

Code	Name	Description
0	Unadjusted	Unadjusted
1	Adjusted	Adjusted

---

Used in groups: [LegProvisionCashSettlPaymentFixedDateGrp](#)

### 170.2.2226 LegProvisionCashSettlPaymentFixedDateGrp

The ProvisionCashSettlPaymentFixedDateGrp is a repeating component within the ProvisionCashSettlPaymentDates component used to report fixed cash settlement payment dates defined in the provision.

---

Name	Mult.	Type	Description
<a href="#">NoLegProvisionCashSettlPaymentDates</a>	[1..1]	NumInGroup	
<a href="#">LegProvisionCashSettlPaymentDate</a>	[0..1]	LocalMktDate	Required if NoLegProvisionCashSettlPaymentDates (40473) > 0.
<a href="#">LegProvisionCashSettlPaymentDate-Type</a>	[0..1]	CodeSet	When specified it applies not only to the current date but to all subsequent dates in the group until overridden with a new type.

---

Used in components: [LegProvisionCashSettlPaymentDates](#)

### 170.2.2227 LegProvisionCashSettlQuoteReferencePage

Identifies the reference "page" from the quote source.

Type: **String**

Used in components: [LegProvisionCashSettlQuoteSource](#)

**170.2.2228 LegProvisionCashSettlQuoteSource**

Identifies the source of quote information.

Type: **int**

Allowed values in PaymentStreamRateIndexSourceCodeSet:

---

Code	Name	Description
0	Bloomberg	Bloomberg
1	Reuters	Reuters
2	Telerate	Telerate
99	Other	Other

---

Used in components: [LegProvisionCashSettlQuoteSource](#)

**170.2.2229 LegProvisionCashSettlQuoteSource**

The LegProvisionCashSettlQuoteSource is a subcomponent of the LEgProvisionGrp component used to specify the reference source for currency or rate quote for cash settlement purposes.

---

Name	Mult.	Type	Description
<a href="#">LegProvisionCashSettlQuoteSource</a>	[0..1]	CodeSet	
<a href="#">LegProvisionCashSettlQuoteReferencePage</a>	[0..1]	String	

---

Used in groups: [LegProvisionGrp](#)

**170.2.2230 LegProvisionCashSettlQuoteType**

Identifies the type of quote to be used.

Type: **int**

Allowed values in ProvisionCashSettlQuoteTypeCodeSet:

Code	Name	Description
0	Bid	Bid
1	Mid	Mid
2	Offer	Offer
3	ExercisingPartyPays	Exercising party pays. See 2000 ISDA Definitions, Section 17.2, Certain Definitions Relating to Cash Settlement, paragraph (j) for definition of "exercising party pays".

Used in groups: [LegProvisionGrp](#)

### **170.2.2231 LegProvisionCashSettlValueDateAdjusted**

The adjusted cash settlement value date.

Type: [LocalMktDate](#)

Used in components: [LegProvisionCashSettlValueDates](#)

### **170.2.2232 LegProvisionCashSettlValueDateBusinessCenter**

The business center calendar used to adjust the provision's cash settlement valuation date, e.g. "GBLO".

See <http://www.fpml.org/coding-scheme/business-center> for standard 4-character code values.

Type: [String](#)

Used in groups: [LegProvisionCashSettlValueDateBusinessCenterGrp](#)

### **170.2.2233 LegProvisionCashSettlValueDateBusinessCenterGrp**

[LegProvisionCashSettlValueDateBusinessCenterGrp](#) is a repeating subcomponent within the [LegProvisionCashSettlValueDate](#) component. It is used to specify the set of business centers whose calendars drive the date adjustment. Used only to override the business centers defined in the [LegDateAdjustment](#) component in [InstrumentLeg](#).

Name	Mult.	Type	Description
NoLegProvisionCashSettlValueDate-BusinessCenters	[1..1]	NumInGroup	
LegProvisionCashSettlValueDateBusinessCenter	[0..1]	String	Required if NoLegProvisionCashSettlValueDate-BusinessCenters(40935) > 0.

Used in components: [LegProvisionCashSettlValueDates](#)

### 170.2.2234 LegProvisionCashSettlValueDateBusinessDayConvention

The business day convention used to adjust the provision's cash settlement valuation date. Used only to override the business day convention specified in the LegDateAdjustment component within the InstrumentLeg component.

Type: [int](#)

Allowed values in BusinessDayConventionCodeSet:

Code	Name	Description
0	NotApplicable	Not applicable. Business day convention is not applicable.
1	None	None (current day)
2	FollowingDay	Following day. The following business day.
3	FloatingRateNote	Floating rate note. The FRN business day convention.
4	ModifiedFollowingDay	Modified following day. The modified following business day.
5	PrecedingDay	Preceding day. The preceding business day.
6	ModifiedPrecedingDay	Modified preceding day. The modified preceding business day.
7	NearestDay	Nearest day. The nearest applicable business day.

Used in components: [LegProvisionCashSettlValueDates](#)

### 170.2.2235 LegProvisionCashSettlValueDateOffsetDayType

Specifies the day type of the provision's relative cash settlement value date offset.

Type: [int](#)

Allowed values in PaymentStreamPaymentDateOffsetDayTypeCodeSet:

---

Code	Name	Description
0	Business	Business
1	Calendar	Calendar
2	CommodityBusiness	Commodity business
3	CurrencyBusiness	Currency business
4	ExchangeBusiness	Exchange business
5	ScheduledTradingDay	Scheduled trading day

---

Used in components: [LegProvisionCashSettlValueDates](#)

#### **170.2.2236 LegProvisionCashSettlValueDateOffsetPeriod**

Time unit multiplier for the relative cash settlement value date offset.

Type: [int](#)

Used in components: [LegProvisionCashSettlValueDates](#)

#### **170.2.2237 LegProvisionCashSettlValueDateOffsetUnit**

Time unit associated with the relative cash settlement value date offset.

Type: [String](#)

Allowed values in PaymentStreamPaymentDateOffsetUnitCodeSet:

---

Code	Name	Description
D	Day	Day
Wk	Week	Week
Mo	Month	Month
Yr	Year	Year

---

Used in components: [LegProvisionCashSettlValueDates](#)

#### **170.2.2238 LegProvisionCashSettlValueDateRelativeTo**

Specifies the anchor date when the cash settlement value date is relative to an anchor date.



See [http://www.fixtradingcommunity.org/codelists#Relative\\_To\\_Date](http://www.fixtradingcommunity.org/codelists#Relative_To_Date) for values.

Type: **int**

Used in components: **LegProvisionCashSettlValueDates**

### 170.2.2239 LegProvisionCashSettlValueDates

The LegProvisionCashSettlValueDates component is a subcomponent within the LegProvisionGrp component used to report the cash settlement value date and time defined in the provision.

Name	Mult.	Type	Description
LegProvisionCashSettlValueTime	[0..1]	LocalMktTime	
LegProvisionCashSettlValueTimeBusinessCenter	[0..1]	String	
LegProvisionCashSettlValueDateBusinessDayConvention	[0..1]	CodeSet	When specified, this overrides the business day convention defined in the LegDateAdjustment component in InstrumentLeg. The specified value would be specific to this instance of the leg provision cash settlement value date.
LegProvisionCashSettlValueDateBusinessCenterGrp	[0..*]	Group	When specified, this overrides the business centers defined in the LegDateAdjustment component in InstrumentLeg. The specified values would be specific to this instance of the leg provision cash settlement value date.
LegProvisionCashSettlValueDateRelativeTo	[0..1]	int	
LegProvisionCashSettlValueDateOffsetPeriod	[0..1]	int	Conditionally required when LegProvisionCashSettlValueDateOffsetUnit(40530) is specified.
LegProvisionCashSettlValueDateOffsetUnit	[0..1]	CodeSet	Conditionally required when LegProvisionCashSettlValueDateOffsetPeriod(40529) is specified.
LegProvisionCashSettlValueDateOffsetDayType	[0..1]	CodeSet	
LegProvisionCashSettlValueDateAdjusted	[0..1]	LocalMktDate	

Used in groups: **LegProvisionGrp**

**170.2.2240 LegProvisionCashSettlValueTime**

A time specified in 24-hour format, e.g. 11am would be represented as 11:00:00. The time of the cash settlement valuation date when the cash settlement amount will be determined according to the cash settlement method if the parties have not otherwise been able to agree to the cash settlement amount.

Type: [LocalMktTime](#)

Used in components: [LegProvisionCashSettlValueDates](#)

**170.2.2241 LegProvisionCashSettlValueTimeBusinessCenter**

Identifies the business center calendar used with the provision's cash settlement valuation time.

See <http://www.fpml.org/coding-scheme/business-center> for standard 4-character code values.

Type: [String](#)

Used in components: [LegProvisionCashSettlValueDates](#)

**170.2.2242 LegProvisionDateAdjusted**

The adjusted date of the provision.

Type: [LocalMktDate](#)

Used in groups: [LegProvisionGrp](#)

**170.2.2243 LegProvisionDateBusinessCenter**

The business center calendar used to adjust the instrument leg's provision's date, e.g. "GBLO". See <http://www.fpml.org/coding-scheme/business-center> for standard 4-character code values.

Type: [String](#)

Used in groups: [LegProvisionDateBusinessCenterGrp](#)

**170.2.2244 LegProvisionDateBusinessCenterGrp**

[LegProvisionDateBusinessCenterGrp](#) is a repeating subcomponent within the [LegProvisionGrp](#) component. It is used to specify the set of business centers whose calendars drive the date adjustment. Used

only to override the business centers defined in the LegDateAdjustment component in Instrument-Leg.

Name	Mult.	Type	Description
NoLegProvisionDateBusinessCenters	[1..1]	NumInGroup	
LegProvisionDateBusinessCenter	[0..1]	String	Required if NoLegProvisionDateBusinessCenters(40939) > 0.

Used in groups: [LegProvisionGrp](#)

### 170.2.2245 LegProvisionDateBusinessDayConvention

The business day convention used to adjust the instrument leg's provision's date. Used only to override the business day convention specified in the LegDateAdjustment component within the InstrumentLeg component.

Type: [int](#)

Allowed values in BusinessDayConventionCodeSet:

Code	Name	Description
0	NotApplicable	Not applicable. Business day convention is not applicable.
1	None	None (current day)
2	FollowingDay	Following day. The following business day.
3	FloatingRateNote	Floating rate note. The FRN business day convention.
4	ModifiedFollowingDay	Modified following day. The modified following business day.
5	PrecedingDay	Preceding day. The preceding business day.
6	ModifiedPrecedingDay	Modified preceding day. The modified preceding business day.
7	NearestDay	Nearest day. The nearest applicable business day.

Used in groups: [LegProvisionGrp](#)

### 170.2.2246 LegProvisionDateTenorPeriod

Time unit multiplier for the leg provision's tenor period.

Type: [int](#)

Used in groups: [LegProvisionGrp](#)

**170.2.2247 LegProvisionDateTenorUnit**

Time unit associated with the leg provision's tenor period.

Type: **String**

Allowed values in ProvisionDateTenorUnitCodeSet:

Code	Name	Description
D	Day	Day
Wk	Week	Week
Mo	Month	Month
Yr	Year	Year

Used in groups: **LegProvisionGrp**

**170.2.2248 LegProvisionDateUnadjusted**

The unadjusted date of the provision.

Type: **LocalMktDate**

Used in groups: **LegProvisionGrp**

**170.2.2249 LegProvisionGrp**

The LegProvisionGrp is a repeating subcomponent of the InstrumentLeg component used to detail the provisions associated with the instrument.

Name	Mult.	Type	Description
<b>NoLegProvisions</b>	[1..1]	NumInGroup	
<b>LegProvisionType</b>	[0..1]	CodeSet	Required if NoLegProvisions(40448) > 0.
<b>LegProvisionDateUnadjusted</b>	[0..1]	LocalMktDate	
<b>LegProvisionDateBusinessDayConvention</b>	[0..1]	CodeSet	When specified, this overrides the business day convention defined in the LegDateAdjustment component in InstrumentLeg. The specified value would be specific to this instance of the instrument's leg provision.

Name	Mult.	Type	Description
LegProvisionDateBusinessCenterGrp	[0..*]	Group	When specified, this overrides the business centers defined in the LegDateAdjustment component in InstrumentLeg. The specified values would be specific to this instance of the instrument's leg provision.
LegProvisionDateAdjusted	[0..1]	LocalMktDate	
LegProvisionDateTenorPeriod	[0..1]	int	Conditionally required when LegProvisionDateTenorUnit(40455) is specified.
LegProvisionDateTenorUnit	[0..1]	CodeSet	Conditionally required when LegProvisionDateTenorPeriod(40454) is specified.
LegProvisionBreakFeeElection	[0..1]	CodeSet	
LegProvisionBreakFeeRate	[0..1]	Percentage	
LegProvisionCalculationAgent	[0..1]	CodeSet	
LegProvisionOptionSinglePartyBuyer-Side	[0..1]	CodeSet	
LegProvisionOptionSinglePartySeller-Side	[0..1]	CodeSet	
LegProvisionCashSettlValueDates	[0..1]	Component	
LegProvisionOptionExerciseDates	[0..1]	Component	
LegProvisionOptionExpirationDate	[0..1]	Component	
LegProvisionOptionRelevantUnderlyingDate	[0..1]	Component	
LegProvisionOptionExerciseStyle	[0..1]	CodeSet	
LegProvisionOptionExerciseMultipleNotional	[0..1]	Amt	
LegProvisionOptionExerciseMinimumNotional	[0..1]	Amt	
LegProvisionOptionExerciseMaximumNotional	[0..1]	Amt	
LegProvisionOptionMinimumNumber	[0..1]	int	
LegProvisionOptionMaximumNumber	[0..1]	int	
LegProvisionOptionExerciseConfirmation	[0..1]	Boolean	
LegProvisionCashSettlPaymentDates	[0..1]	Component	
LegProvisionCashSettlMethod	[0..1]	CodeSet	
LegProvisionCashSettlCurrency	[0..1]	Currency	
LegProvisionCashSettlCurrency2	[0..1]	Currency	

Name	Mult.	Type	Description
LegProvisionCashSettlQuoteType	[0..1]	CodeSet	
LegProvisionCashSettlQuoteSource	[0..1]	Component	
LegProvisionText	[0..1]	String	
EncodedLegProvisionTextLen	[0..1]	Length	Must be set if EncodedLegProvisionText(40981) field is specified and must immediately precede it.
EncodedLegProvisionText	[0..1]	data	Encoded (non-ASCII characters) representation of the LegProvisionText(40472) field in the encoded format specified via the MessageEncoding(347) field.
LegProvisionParties	[0..*]	Group	

Used in components: [InstrumentLeg](#)

#### 170.2.2250 LegProvisionOptionExerciseBoundsFirstDateUnadjusted

The unadjusted first date of a schedule. This can be used to restrict the range of exercise dates when they are relative.

Type: [LocalMktDate](#)

Used in components: [LegProvisionOptionExerciseDates](#)

#### 170.2.2251 LegProvisionOptionExerciseBoundsLastDateUnadjusted

The unadjusted last date of a schedule. This can be used to restrict the range of exercise dates when they are relative.

Type: [LocalMktDate](#)

Used in components: [LegProvisionOptionExerciseDates](#)

#### 170.2.2252 LegProvisionOptionExerciseBusinessCenter

The business center calendar used to adjust the instrument leg's provision's option exercise date, e.g. "GBLO".

See <http://www.fpml.org/coding-scheme/business-center> for standard 4-character code values.

Type: [String](#)

Used in groups: [LegProvisionOptionExerciseBusinessCenterGrp](#)

**170.2.2253 LegProvisionOptionExerciseBusinessCenterGrp**

LegProvisionOptionExerciseBusinessCenterGrp is a repeating subcomponent within the LegProvisionOptionExerciseDates component. It is used to specify the set of business centers whose calendars drive the date adjustment. Used only to override the business centers defined in the LegDateAdjustment component in InstrumentLeg.

Name	Mult.	Type	Description
NoLegProvisionOptionExerciseBusinessCenters	[1..1]	NumInGroup	
LegProvisionOptionExerciseBusinessCenter	[0..1]	String	Required if NoLegProvisionOptionExerciseBusinessCenters(40936) > 0.

Used in components: [LegProvisionOptionExerciseDates](#)

**170.2.2254 LegProvisionOptionExerciseBusinessDayConvention**

The business day convention used to adjust the instrument leg's provision's option exercise date. Used only to override the business day convention specified in the LegDateAdjustment component within the InstrumentLeg component.

Type: [int](#)

Allowed values in BusinessDayConventionCodeSet:

Code	Name	Description
0	NotApplicable	Not applicable. Business day convention is not applicable.
1	None	None (current day)
2	FollowingDay	Following day. The following business day.
3	FloatingRateNote	Floating rate note. The FRN business day convention.
4	ModifiedFollowingDay	Modified following day. The modified following business day.
5	PrecedingDay	Preceding day. The preceding business day.
6	ModifiedPrecedingDay	Modified preceding day. The modified preceding business day.
7	NearestDay	Nearest day. The nearest applicable business day.

Used in components: [LegProvisionOptionExerciseDates](#)

**170.2.2255 LegProvisionOptionExerciseConfirmation**

Used to indicate whether follow-up confirmation of exercise (written or electronic) is required following telephonic notice by the buyer to the seller or seller's agent.

Type: **Boolean**

Used in groups: **LegProvisionGrp**

**170.2.2256 LegProvisionOptionExerciseDates**

The LegProvisionOptionExerciseDates is a subcomponent within the LegProvisionGrp component used to report the option exercise dates and times defined in the provision.

Name	Mult.	Type	Description
LegProvisionOptionExerciseBusiness-DayConvention	[0..1]	CodeSet	When specified, this overrides the business day convention defined in the LegDateAdjustment component in InstrumentLeg. The specified value would be specific to this instance of the leg provision option exercise dates.
LegProvisionOptionExerciseBusiness-CenterGrp	[0..*]	Group	When specified, this overrides the business centers defined in the LegDateAdjustment component in InstrumentLeg. The specified values would be specific to this instance of the leg provision option exercise dates.
LegProvisionOptionExerciseFixedDate-Grp	[0..*]	Group	
LegProvisionOptionExerciseEarliestDateOffsetPeriod	[0..1]	int	Conditionally required when LegProvisionOptionExerciseEarliestDateUnit(40479) is specified.
LegProvisionOptionExerciseEarliestDateOffsetUnit	[0..1]	CodeSet	Conditionally required when LegProvisionOptionExerciseEarliestDatePeriod(40478) is specified.
LegProvisionOptionExerciseFrequencyPeriod	[0..1]	int	Conditionally required when LegProvisionOptionExerciseFrequencyUnit(40481) is specified.
LegProvisionOptionExerciseFrequencyUnit	[0..1]	CodeSet	Conditionally required when LegProvisionOptionExerciseFrequencyPeriod(40480) is specified.
LegProvisionOptionExerciseStartDate-Unadjusted	[0..1]	LocalMktDate	
LegProvisionOptionExerciseStartDateRelativeTo	[0..1]	int	



Name	Mult.	Type	Description
LegProvisionOptionExerciseStartDate-OffsetPeriod	[0..1]	int	Conditionally required when LegProvisionOptionExerciseStartDateOffsetUnit(40485) is specified.
LegProvisionOptionExerciseStartDate-OffsetUnit	[0..1]	CodeSet	Conditionally required when LegProvisionOptionExerciseStartDateOffsetPeriod(40484) is specified.
LegProvisionOptionExerciseStartDate-OffsetDayType	[0..1]	CodeSet	
LegProvisionOptionExerciseStartDateAdjusted	[0..1]	LocalMktDate	
LegProvisionOptionExercisePeriodSkip	[0..1]	int	
LegProvisionOptionExerciseBounds-FirstDateUnadjusted	[0..1]	LocalMktDate	
LegProvisionOptionExerciseBounds-LastDateUnadjusted	[0..1]	LocalMktDate	
LegProvisionOptionExerciseEarliest-Time	[0..1]	LocalMktTime	
LegProvisionOptionExerciseEarliest-TimeBusinessCenter	[0..1]	String	
LegProvisionOptionExerciseLatest-Time	[0..1]	LocalMktTime	
LegProvisionOptionExerciseLatest-TimeBusinessCenter	[0..1]	String	

Used in groups: [LegProvisionGrp](#)

#### 170.2.2257 LegProvisionOptionExerciseEarliestDateOffsetPeriod

Time unit multiplier for the interval to the first (and possibly only) exercise date in the exercise period.

Type: [int](#)

Used in components: [LegProvisionOptionExerciseDates](#)

#### 170.2.2258 LegProvisionOptionExerciseEarliestDateOffsetUnit

Time unit associated with the interval to the first (and possibly only) exercise date in the exercise period.

Type: **String**

Allowed values in ProvisionOptionExerciseEarliestDateOffsetUnitCodeSet:

Code	Name	Description
D	Day	Day
Wk	Week	Week
Mo	Month	Month
Yr	Year	Year

Used in components: **LegProvisionOptionExerciseDates**

#### **170.2.2259 LegProvisionOptionExerciseEarliestTime**

The earliest time at which notice of exercise can be given by the buyer to the seller (or seller's agent) (i) on the expiration date, in the case of a European style option, (ii) on each bermuda option exercise date and the expiration date, in the case of a Bermuda style option the commencement date to, and including, the expiration date, in the case of an American option.

Type: **LocalMktTime**

Used in components: **LegProvisionOptionExerciseDates**

#### **170.2.2260 LegProvisionOptionExerciseEarliestTimeBusinessCenter**

Identifies the business center calendar used with the provision's earliest time for notice of exercise.

See <http://www.fpml.org/coding-scheme/business-center> for standard 4-character code values.

Type: **String**

Used in components: **LegProvisionOptionExerciseDates**

#### **170.2.2261 LegProvisionOptionExerciseFixedDate**

A predetermined option exercise date unadjusted or adjusted depending on LegProvisionOptionExerciseFixedDateType(40497).

Type: **LocalMktDate**

Used in groups: **LegProvisionOptionExerciseFixedDateGrp**

**170.2.2262 LegProvisionOptionExerciseFixedDateGrp**

The LegProvisionOptionExerciseFixedDateGrp is a repeating component within the LegProvisionOptionExerciseDates component used to report an array of unadjusted or adjusted fixed exercise dates.

Name	Mult.	Type	Description
NoLegProvisionOptionExerciseFixedDates	[1..1]	NumInGroup	
LegProvisionOptionExerciseFixedDate	[0..1]	LocalMktDate	Required if NoLegProvisionOptionExerciseFixedDates(40495) > 0.
LegProvisionOptionExerciseFixedDateType	[0..1]	CodeSet	When specified it applies not only to the current date but to all subsequent dates in the group until overridden with a new type.

Used in components: [LegProvisionOptionExerciseDates](#)

**170.2.2263 LegProvisionOptionExerciseFixedDateType**

Specifies the type of date (e.g. adjusted for holidays).

Type: [int](#)

Allowed values in ProvisionOptionExerciseFixedDateTypeCodeSet:

Code	Name	Description
0	Unadjusted	Unadjusted
1	Adjusted	Adjusted

Used in groups: [LegProvisionOptionExerciseFixedDateGrp](#)

**170.2.2264 LegProvisionOptionExerciseFrequencyPeriod**

Time unit multiplier for subsequent exercise dates in the exercise period following the earliest exercise date. An interval of 1 day should be used to indicate an American style exercise period.

Type: [int](#)

Used in components: [LegProvisionOptionExerciseDates](#)

**170.2.2265 LegProvisionOptionExerciseFrequencyUnit**

Time unit associated with subsequent exercise dates in the exercise period following the earliest exercise date.

Type: **String**

Allowed values in CouponFrequencyUnitCodeSet:

Code	Name	Description
D	Day	Day
Wk	Week	Week
Mo	Month	Month
Yr	Year	Year
H	Hour	Hour
Min	Minute	Minute
S	Second	Second
T	Term	Term

Used in components: **LegProvisionOptionExerciseDates**

**170.2.2266 LegProvisionOptionExerciseLatestTime**

For a Bermuda or American style option, the latest time on an exercise business day (excluding the expiration date) within the exercise period that notice can be given by the buyer to the seller or seller's agent. Notice of exercise given after this time will be deemed to have been given on the next exercise business day.

Type: **LocalMktTime**

Used in components: **LegProvisionOptionExerciseDates**

**170.2.2267 LegProvisionOptionExerciseLatestTimeBusinessCenter**

Identifies the business center calendar used with the provision's latest time for notice of exercise.

See <http://www.fpml.org/coding-scheme/business-center> for standard 4-character code values.

Type: **String**

Used in components: **LegProvisionOptionExerciseDates**

**170.2.2268 LegProvisionOptionExerciseMaximumNotional**

The maximum notional amount that can be exercised on a given exercise date.

Type: **Amt**

Used in groups: **LegProvisionGrp**

**170.2.2269 LegProvisionOptionExerciseMinimumNotional**

The minimum notional amount that can be exercised on a given exercise date.

Type: **Amt**

Used in groups: **LegProvisionGrp**

**170.2.2270 LegProvisionOptionExerciseMultipleNotional**

A notional amount which restricts the amount of notional that can be exercised when partial exercise or multiple exercise is applicable. The integral multiple amount defines a lower limit of notional that can be exercised and also defines a unit multiple of notional that can be exercised, i.e. only integer multiples of this amount can be exercised.

Type: **Amt**

Used in groups: **LegProvisionGrp**

**170.2.2271 LegProvisionOptionExercisePeriodSkip**

The number of periods in the referenced date schedule that are between each date in the relative date schedule. Thus a skip of 2 would mean that dates are relative to every second date in the referenced schedule. If present this should have a value greater than 1.

Type: **int**

Used in components: **LegProvisionOptionExerciseDates**

**170.2.2272 LegProvisionOptionExerciseStartDateAdjusted**

The adjusted first day of the exercise period for an American style option.

Type: **LocalMktDate**

Used in components: **LegProvisionOptionExerciseDates**

**170.2.2273 LegProvisionOptionExerciseStartDateOffsetDayType**

Specifies the day type of the provision's relative option exercise start date offset.

Type: **int**

Allowed values in PaymentStreamPaymentDateOffsetDayTypeCodeSet:

---

Code	Name	Description
0	Business	Business
1	Calendar	Calendar
2	CommodityBusiness	Commodity business
3	CurrencyBusiness	Currency business
4	ExchangeBusiness	Exchange business
5	ScheduledTradingDay	Scheduled trading day

---

Used in components: [LegProvisionOptionExerciseDates](#)

**170.2.2274 LegProvisionOptionExerciseStartDateOffsetPeriod**

Time unit multiplier for the relative option exercise start date offset.

Type: **int**

Used in components: [LegProvisionOptionExerciseDates](#)

**170.2.2275 LegProvisionOptionExerciseStartDateOffsetUnit**

Time unit associated with the relative option exercise start date offset.

Type: **String**

Allowed values in PaymentStreamPaymentDateOffsetUnitCodeSet:

---

Code	Name	Description
D	Day	Day
Wk	Week	Week
Mo	Month	Month
Yr	Year	Year

---

Used in components: [LegProvisionOptionExerciseDates](#)

**170.2.2276 LegProvisionOptionExerciseStartDateRelativeTo**

Specifies the anchor date when the option exercise start date is relative to an anchor date.

See [http://www.fixtradingcommunity.org/codelists#Relative\\_To\\_Date](http://www.fixtradingcommunity.org/codelists#Relative_To_Date) for values.

Type: **int**

Used in components: **LegProvisionOptionExerciseDates**

**170.2.2277 LegProvisionOptionExerciseStartDateUnadjusted**

The unadjusted first day of the exercise period for an American style option.

Type: **LocalMktDate**

Used in components: **LegProvisionOptionExerciseDates**

**170.2.2278 LegProvisionOptionExerciseStyle**

The instrument provision option exercise style.

Type: **int**

Allowed values in ExerciseStyleCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	European	European
1	American	American
2	Bermuda	Bermuda
99	Other	Other

---

Used in groups: **LegProvisionGrp**

**170.2.2279 LegProvisionOptionExpirationDateAdjusted**

The adjusted last date within an exercise period for an American style option. For a European style option it is the only date within the exercise period.

Type: **LocalMktDate**

Used in components: **LegProvisionOptionExpirationDate**

**170.2.2280 LegProvisionOptionExpirationDateBusinessCenter**

The business center calendar used to adjust the instrument leg's provision's option expiration date, e.g. "GBLO".

See <http://www.fpml.org/coding-scheme/business-center> for standard 4-character code values.

Type: **String**

Used in groups: **LegProvisionOptionExpirationDateBusinessCenterGrp**

**170.2.2281 LegProvisionOptionExpirationDateBusinessCenterGrp**

LegProvisionOptionExpirationDateBusinessCenterGrp is a repeating subcomponent within the LegProvisionOptionExpirationDate component. It is used to specify the set of business centers whose calendars drive the date adjustment. Used only to override the business centers defined in the LegDateAdjustment component in InstrumentLeg.

Name	Mult.	Type	Description
NoLegProvisionOptionExpirationDate-BusinessCenters	[1..1]	NumInGroup	
LegProvisionOptionExpirationDate-BusinessCenter	[0..1]	String	Required if NoLegProvisionOptionExpirationDate-BusinessCenters(40937) > 0.

Used in components: **LegProvisionOptionExpirationDate**

**170.2.2282 LegProvisionOptionExpirationDateBusinessDayConvention**

The business day convention used to adjust the instrument leg's provision's option expiration date. Used only to override the business day convention specified in the LegDateAdjustment component within the InstrumentLeg component.

Type: **int**

Allowed values in BusinessDayConventionCodeSet:

Code	Name	Description
0	NotApplicable	Not applicable. Business day convention is not applicable.
1	None	None (current day)



Code	Name	Description
2	FollowingDay	Following day. The following business day.
3	FloatingRateNote	Floating rate note. The FRN business day convention.
4	ModifiedFollowingDay	Modified following day. The modified following business day.
5	PrecedingDay	Preceding day. The preceding business day.
6	ModifiedPrecedingDay	Modified preceding day. The modified preceding business day.
7	NearestDay	Nearest day. The nearest applicable business day.

Used in components: [LegProvisionOptionExpirationDate](#)

### 170.2.2283 LegProvisionOptionExpirationDate

The LegProvisionOptionExerciseDate is a subcomponent within the LegProvisionGrp component used to report the option expiration date and times defined in the provision.

Name	Mult.	Type	Description
<a href="#">LegProvisionOptionExpirationDateUnadjusted</a>	[0..1]	LocalMktDate	
<a href="#">LegProvisionOptionExpirationDate-BusinessDayConvention</a>	[0..1]	CodeSet	When specified, this overrides the business day convention defined in the LegDateAdjustment component in InstrumentLeg. The specified value would be specific to this instance of the leg provision option expiration date.
<a href="#">LegProvisionOptionExpirationDate-BusinessCenterGrp</a>	[0..*]	Group	When specified, this overrides the business centers defined in the LegDateAdjustment component in InstrumentLeg. The specified values would be specific to this instance of the leg provision option expiration date.
<a href="#">LegProvisionOptionExpirationDateRelativeTo</a>	[0..1]	int	
<a href="#">LegProvisionOptionExpirationDateOffsetPeriod</a>	[0..1]	int	Conditionally required when LegProvisionOptionExpirationDateOffsetUnit(40503) is specified.
<a href="#">LegProvisionOptionExpirationDateOffsetUnit</a>	[0..1]	CodeSet	Conditionally required when LegProvisionOptionExpirationDateOffsetPeriod(40502) is specified.
<a href="#">LegProvisionOptionExpirationDateOffsetDayType</a>	[0..1]	CodeSet	
<a href="#">LegProvisionOptionExpirationDateAdjusted</a>	[0..1]	LocalMktDate	

Name	Mult.	Type	Description
LegProvisionOptionExpirationTime	[0..1]	LocalMktTime	
LegProvisionOptionExpirationTime-BusinessCenter	[0..1]	String	

Used in groups: [LegProvisionGrp](#)

### 170.2.2284 LegProvisionOptionExpirationDateOffsetDayType

Specifies the day type of the provision's relative option expiration date offset.

Type: [int](#)

Allowed values in PaymentStreamPaymentDateOffsetDayTypeCodeSet:

Code	Name	Description
0	Business	Business
1	Calendar	Calendar
2	CommodityBusiness	Commodity business
3	CurrencyBusiness	Currency business
4	ExchangeBusiness	Exchange business
5	ScheduledTradingDay	Scheduled trading day

Used in components: [LegProvisionOptionExpirationDate](#)

### 170.2.2285 LegProvisionOptionExpirationDateOffsetPeriod

Time unit multiplier for the relative option expiration date offset.

Type: [int](#)

Used in components: [LegProvisionOptionExpirationDate](#)

### 170.2.2286 LegProvisionOptionExpirationDateOffsetUnit

Time unit associated with the relative option expiration date offset.

Type: [String](#)

Allowed values in PaymentStreamPaymentDateOffsetUnitCodeSet:

Code	Name	Description
D	Day	Day
Wk	Week	Week
Mo	Month	Month
Yr	Year	Year

Used in components: [LegProvisionOptionExpirationDate](#)

### **170.2.2287 LegProvisionOptionExpirationDateRelativeTo**

Specifies the anchor date when the option expiration date is relative to an anchor date.

See [http://www.fixtradingcommunity.org/codelists#Relative\\_To\\_Date](http://www.fixtradingcommunity.org/codelists#Relative_To_Date) for values.

Type: [int](#)

Used in components: [LegProvisionOptionExpirationDate](#)

### **170.2.2288 LegProvisionOptionExpirationDateUnadjusted**

The unadjusted last day within an exercise period for an American style option. For a European style option it is the only day within the exercise period.

Type: [LocalMktDate](#)

Used in components: [LegProvisionOptionExpirationDate](#)

### **170.2.2289 LegProvisionOptionExpirationTime**

The latest time for exercise on the expiration date.

Type: [LocalMktTime](#)

Used in components: [LegProvisionOptionExpirationDate](#)

**170.2.2290 LegProvisionOptionExpirationTimeBusinessCenter**

Identifies the business center calendar used with the provision's latest exercise time on expiration date.

See <http://www.fpml.org/coding-scheme/business-center> for standard 4-character code values.

Type: **String**

Used in components: **LegProvisionOptionExpirationDate**

**170.2.2291 LegProvisionOptionMaximumNumber**

The maximum number of options that can be exercised on a given exercise date. If the number is not specified, it means that the maximum number of options corresponds to the remaining unexercised options.

Type: **int**

Used in groups: **LegProvisionGrp**

**170.2.2292 LegProvisionOptionMinimumNumber**

The minimum number of options that can be exercised on a given exercise date.

Type: **int**

Used in groups: **LegProvisionGrp**

**170.2.2293 LegProvisionOptionRelevantUnderlyingDateAdjusted**

The adjusted date on the underlying set by the exercise of an option. What this date is depends on the option (e.g. in a swaption it is the swap effective date, in an extendible/cancelable provision it is the swap termination date).

Type: **LocalMktDate**

Used in components: **LegProvisionOptionRelevantUnderlyingDate**

**170.2.2294 LegProvisionOptionRelevantUnderlyingDateBusinessCenter**

The business center calendar used to adjust the instrument leg's provision's option underlying date, e.g. "GBLO".

See <http://www.fpml.org/coding-scheme/business-center> for standard 4-character code values.

Type: **String**

Used in groups: **LegProvisionOptionRelevantUnderlyingDateBusinessCenterGrp**

### 170.2.2295 LegProvisionOptionRelevantUnderlyingDateBusinessCenterGrp

LegProvisionOptionRelevantUnderlyingDateBusinessCenterGrp is a repeating subcomponent within the LegProvisionOptionRelevantUnderlyingDate component. It is used to specify the set of business centers whose calendars drive the date adjustment. Used only to override the business centers defined in the LegDateAdjustment component in InstrumentLeg.

Name	Mult.	Type	Description
NoLegProvisionOptionRelevantUnderlyingDateBusinessCenters	[1..1]	NumInGroup	
LegProvisionOptionRelevantUnderlyingDateBusinessCenter	[0..1]	String	Required if NoLegProvisionOptionRelevantUnderlyingDateBusinessCenters(40938) > 0.

Used in components: **LegProvisionOptionRelevantUnderlyingDate**

### 170.2.2296 LegProvisionOptionRelevantUnderlyingDateBusinessDayConvention

The business day convention used to adjust the instrument leg's provision's option relevant underlying date. Used only to override the business day convention specified in the LegDateAdjustment component within the InstrumentLeg component.

Type: **int**

Allowed values in BusinessDayConventionCodeSet:

Code	Name	Description
0	NotApplicable	Not applicable. Business day convention is not applicable.
1	None	None (current day)
2	FollowingDay	Following day. The following business day.
3	FloatingRateNote	Floating rate note. The FRN business day convention.
4	ModifiedFollowingDay	Modified following day. The modified following business day.
5	PrecedingDay	Preceding day. The preceding business day.

Code	Name	Description
6	ModifiedPrecedingDay	Modified preceding day. The modified preceding business day.
7	NearestDay	Nearest day. The nearest applicable business day.

Used in components: [LegProvisionOptionRelevantUnderlyingDate](#)

### 170.2.2297 LegProvisionOptionRelevantUnderlyingDate

The LegProvisionOptionRelevantUnderlyingDate is a subcomponent within the LegProvisionGrp component used to report the option relevant underlyingdate defined in the provision.

Name	Mult.	Type	Description
<a href="#">LegProvisionOptionRelevantUnderlyingDateUnadjusted</a>	[0..1]	LocalMktDate	
<a href="#">LegProvisionOptionRelevantUnderlyingDateBusinessDayConvention</a>	[0..1]	CodeSet	When specified, this overrides the business day convention defined in the LegDateAdjustment component in InstrumentLeg. The specified value would be specific to this instance of the leg provision option relevant underlying date.
<a href="#">LegProvisionOptionRelevantUnderlyingDateBusinessCenterGrp</a>	[0..*]	Group	When specified, this overrides the business centers defined in the LegDateAdjustment component in InstrumentLeg. The specified values would be specific to this instance of the leg provision option relevant underlying date.
<a href="#">LegProvisionOptionRelevantUnderlyingDateRelativeTo</a>	[0..1]	int	
<a href="#">LegProvisionOptionRelevantUnderlyingDateOffsetPeriod</a>	[0..1]	int	Conditionally required when LegProvisionOptionRelevantUnderlyingDateOffsetUnit(40513) is specified.
<a href="#">LegProvisionOptionRelevantUnderlyingDateOffsetUnit</a>	[0..1]	CodeSet	Conditionally required when LegProvisionOptionRelevantUnderlyingDateOffsetPeriod(40512) is specified.
<a href="#">LegProvisionOptionRelevantUnderlyingDateOffsetDayType</a>	[0..1]	CodeSet	
<a href="#">LegProvisionOptionRelevantUnderlyingDateAdjusted</a>	[0..1]	LocalMktDate	

Used in groups: [LegProvisionGrp](#)

**170.2.2298 LegProvisionOptionRelevantUnderlyingDateOffsetDayType**

Specifies the day type of the provision's relative option relevant underlying date offset.

Type: **int**

Allowed values in PaymentStreamPaymentDateOffsetDayTypeCodeSet:

---

Code	Name	Description
0	Business	Business
1	Calendar	Calendar
2	CommodityBusiness	Commodity business
3	CurrencyBusiness	Currency business
4	ExchangeBusiness	Exchange business
5	ScheduledTradingDay	Scheduled trading day

---

Used in components: [LegProvisionOptionRelevantUnderlyingDate](#)

**170.2.2299 LegProvisionOptionRelevantUnderlyingDateOffsetPeriod**

Time unit multiplier for the relative option relevant underlying date offset.

Type: **int**

Used in components: [LegProvisionOptionRelevantUnderlyingDate](#)

**170.2.2300 LegProvisionOptionRelevantUnderlyingDateOffsetUnit**

Time unit associated with the relative option relevant underlying date offset.

Type: **String**

Allowed values in PaymentStreamPaymentDateOffsetUnitCodeSet:

---

Code	Name	Description
D	Day	Day
Wk	Week	Week
Mo	Month	Month
Yr	Year	Year

---

Used in components: [LegProvisionOptionRelevantUnderlyingDate](#)

**170.2.2301 LegProvisionOptionRelevantUnderlyingDateRelativeTo**

Specifies the anchor date when the date relevant to the underlying trade on exercise is relative to an anchor date.

See [http://www.fixtradingcommunity.org/codelists#Relative\\_To\\_Date](http://www.fixtradingcommunity.org/codelists#Relative_To_Date) for values.

Type: **int**

Used in components: **LegProvisionOptionRelevantUnderlyingDate**

**170.2.2302 LegProvisionOptionRelevantUnderlyingDateUnadjusted**

The unadjusted date on the underlying set by the exercise of an option. What this date is depends on the option (e.g. in a swaption it is the swap effective date, in an extendible/cancelable provision it is the swap termination date).

Type: **LocalMktDate**

Used in components: **LegProvisionOptionRelevantUnderlyingDate**

**170.2.2303 LegProvisionOptionSinglePartyBuyerSide**

If optional early termination is not available to both parties then this component identifies the buyer of the option through its side of the trade.

Type: **int**

Allowed values in ProvisionOptionSinglePartyBuyerSideCodeSet:

---

Code	Name	Description
1	Buy	Buy
2	Sell	Sell

---

Used in groups: **LegProvisionGrp**

**170.2.2304 LegProvisionOptionSinglePartySellerSide**

If optional early termination is not available to both parties then this component identifies the seller of the option through its side of the trade.

Type: **int**



Allowed values in ProvisionOptionSinglePartyBuyerSideCodeSet:

Code	Name	Description
1	Buy	Buy
2	Sell	Sell

Used in groups: [LegProvisionGrp](#)

### 170.2.2305 LegProvisionParties

LegProvisionParties is a repeating component within the LegProvision component used to report the parties identified in the contract provision.

Name	Mult.	Type	Description
<a href="#">NoLegProvisionPartyIDs</a>	[1..1]	NumInGroup	
<a href="#">LegProvisionPartyID</a>	[0..1]	String	Required if NoLegProvisionPartyIDs(40533) > 0.
<a href="#">LegProvisionPartyIDSource</a>	[0..1]	CodeSet	Required if NoLegProvisionPartyIDs(40533) > 0.
<a href="#">LegProvisionPartyRole</a>	[0..1]	CodeSet	Required if NoLegProvisionPartyIDs(40533) > 0.
<a href="#">LegProvisionPartyRoleQualifier</a>	[0..1]	CodeSet	
<a href="#">LegProvisionPtysSubGrp</a>	[0..*]	Group	

Used in groups: [LegProvisionGrp](#)

### 170.2.2306 LegProvisionPartyID

The party identifier/code for the payment settlement party.

Type: [String](#)

Used in groups: [LegProvisionParties](#)

### 170.2.2307 LegProvisionPartyIDSource

Identifies the class or source of LegProvisionPartyID(40534).

Type: [char](#)

Allowed values in PartyIDSourceCodeSet:

Code	Name	Description
1	KoreanInvestorID	Korean Investor ID
6	UKNationalInsuranceOrPension-Number	UK National Insurance or Pension Number
B	BIC	BIC (Bank Identification Code - SWIFT managed) code (ISO9362 - See "Appendix 6-B")
I	ISITCAcronym	Directed broker three character acronym as defined in ISITC "ETC Best Practice" guidelines document
2	TaiwaneseForeignInvestorID	Taiwanese Qualified Foreign Investor ID QFII/FID
7	USSocialSecurityNumber	US Social Security Number
C	GeneralIdentifier	Generally accepted market participant identifier (e.g. NASD mnemonic)
3	TaiwaneseTradingAcct	Taiwanese Trading Acct
8	USEmployerOrTaxIDNumber	US Employer or Tax ID Number
D	Proprietary	Proprietary / Custom code. Custom ID schema used between counterparties, trading platforms and repositories.
4	MalaysianCentralDepository	Malaysian Central Depository (MCD) number
9	AustralianBusinessNumber	Australian Business Number
E	ISOCountryCode	ISO Country Code
5	ChineseInvestorID	Chinese Investor ID
A	AustralianTaxFileNumber	Australian Tax File Number
F	SettlementEntityLocation	Settlement Entity Location (note if Local Market Settlement use "E=ISO Country Code") (see "Appendix 6-G" for valid values)
G	MIC	Market Identifier Code (ISO 10383) MIC
J	TaxID	Tax ID
H	CSDParticipant	CSD participant/member code (e.g. Euroclear, DTC, CREST or Kassenverein number)
K	AustralianCompanyNumber	Australian Company Number
L	AustralianRegisteredBodyNumber	Australian Registered Body Number
M	CFTCReportingFirmIdentifier	CFTC reporting firm identifier
N	LegalEntityIdentifier	Legal Entity Identifier (ISO 17442) LEI
O	InterimIdentifier	Interim identifier. An interim entity identifier assigned by a regulatory agency prior to an LEI (ISO 17442) being assigned.
P	ShortCodeIdentifier	Short code identifier. A generic means for trading venues, brokers, investment managers to convey a bilaterally agreed upon "short hand" code for an identifier that is a reference to a mapping between the parties.

Code	Name	Description
Q	NationalIDNaturalPerson	National ID of natural person. An identification number generally assigned by a government authority or agency to a natural person which is unique to the person it is assigned to. Examples include, but not limited to, "social security number", "pension number".
R	IndiaPermanentAccountNumber	India Permanent Account Number. Also referred to as PAN ID. An identifier issued by the Income Tax Department of India.
S	FDID	Firm designated identifier. Also referred to as FDID. A unique identifier required by the SEC for each trading account designated by Industry Members for purposes of reporting to CAT (Consolidated Audit Trail).
T	SPSAID	Special Segregated Account ID. Also referred to as SPSA ID. The Special Segregated Account identifier issued by Hong Kong Exchanges and Clearing.
U	MasterSPSAID	Master Special Segregated Account ID. Also referred to as Master SPSA ID. The master identifier issued by Hong Kong Exchanges and Clearing for the aggregation of SPSA IDs.

Used in groups: [LegProvisionParties](#)

### 170.2.2308 LegProvisionPartyRole

Identifies the type or role of LegProvisionPartyID(40534) specified.

Type: [int](#)

Allowed values in PartyRoleCodeSet:

Code	Name	Description
1	ExecutingFirm	Executing Firm (formerly FIX 4.2 ExecBroker)
2	BrokerOfCredit	Broker of Credit (formerly FIX 4.2 BrokerOfCredit)
3	ClientID	Client ID (formerly FIX 4.2 ClientID)
4	ClearingFirm	Clearing Firm (formerly FIX 4.2 ClearingFirm)
5	InvestorID	Investor ID
6	IntroducingFirm	Introducing Firm
7	EnteringFirm	Entering Firm
8	Locate	Locate / Lending Firm (for short-sales)
9	FundManagerClientID	Fund Manager Client ID (for CIV)

<b>Code</b>	<b>Name</b>	<b>Description</b>
10	SettlementLocation	Settlement Location (formerly FIX 4.2 SettlLocation)
11	OrderOriginationTrader	Order Origination Trader (associated with Order Origination Firm - i.e. trader who initiates/submits the order)
12	ExecutingTrader	Executing Trader (associated with Executing Firm - actually executes)
13	OrderOriginationFirm	Order Origination Firm (e.g. buy-side firm)
14	GiveupClearingFirmDepr	Giveup Clearing Firm (firm to which trade is given up)
15	CorrespondantClearingFirm	Correspondant Clearing Firm
16	ExecutingSystem	Executing System
17	ContraFirm	Contra Firm
18	ContraClearingFirm	Contra Clearing Firm
19	SponsoringFirm	Sponsoring Firm
20	UnderlyingContraFirm	Underlying Contra Firm
21	ClearingOrganization	Clearing Organization
22	Exchange	Exchange. Identify using PartyIDSource(tag 447) = G (Market Identifier Code) if the MIC exists.
24	CustomerAccount	Customer Account
25	CorrespondentClearingOrganization	Correspondent Clearing Organization
26	CorrespondentBroker	Correspondent Broker
27	Buyer	Buyer/Seller (Receiver/Deliverer)
28	Custodian	Custodian
29	Intermediary	Intermediary
30	Agent	Agent
31	SubCustodian	Sub-custodian
32	Beneficiary	Beneficiary
33	InterestedParty	Interested party
34	RegulatoryBody	Regulatory body. In the context of regulatory reporting, this identifies the regulator the trade is being reported to.
35	LiquidityProvider	Liquidity provider
36	EnteringTrader	Entering trader
37	ContraTrader	Contra trader
38	PositionAccount	Position account. The account which positions are maintained. Typically represents the aggregation of one or more customer accounts.
39	ContraInvestorID	Contra Investor ID
40	TransferToFirm	Transfer to Firm

<b>Code</b>	<b>Name</b>	<b>Description</b>
41	ContraPositionAccount	Contra Position Account
42	ContraExchange	Contra Exchange
43	InternalCarryAccount	Internal Carry Account
44	OrderEntryOperatorID	Order Entry Operator ID
45	SecondaryAccountNumber	Secondary Account Number
46	ForeignFirm	Foreign Firm
47	ThirdPartyAllocationFirm	Third Party Allocation Firm
48	ClaimingAccount	Claiming Account
49	AssetManager	Asset Manager
50	PledgorAccount	Pledgor Account
51	PledgeeAccount	Pledgee Account
52	LargeTraderReportableAccount	Large Trader Reportable Account
53	TraderMnemonic	Trader mnemonic
54	SenderLocation	Sender Location
55	SessionID	Session ID
56	AcceptableCounterparty	Acceptable Counterparty
57	UnacceptableCounterparty	Unacceptable Counterparty
58	EnteringUnit	Entering Unit
59	ExecutingUnit	Executing Unit
60	IntroducingBroker	Introducing Broker
61	QuoteOriginator	Quote originator
62	ReportOriginator	Report originator
63	SystematicInternaliser	Systematic internaliser (SI)
64	MultilateralTradingFacility	Multilateral Trading Facility (MTF). Identify using PartyIDSource(tag 447) = G (Market Identifier Code) if the MIC exists.
65	RegulatedMarket	Regulated Market (RM). Identify using PartyIDSource(tag 447) = G (Market Identifier Code) if the MIC exists.
66	MarketMaker	Market Maker
67	InvestmentFirm	Investment Firm
68	HostCompetentAuthority	Host Competent Authority (Host CA)
69	HomeCompetentAuthority	Home Competent Authority (Home CA)
70	CompetentAuthorityLiquidity	Competent Authority of the most relevant market in terms of liquidity (CAL)

Code	Name	Description
71	CompetentAuthorityTransactionVenue	Competent Authority of the Transaction (Execution) Venue (CATV)
72	ReportingIntermediary	Reporting intermediary. The medium or vendor used to report to a regulator, non-regulatory agency or data repository.
73	ExecutionVenue	Execution Venue. Identify using PartyIDSource(tag 447) = G (Market Identifier Code) if the MIC exists.
74	MarketDataEntryOriginator	Market data entry originator
75	LocationID	Location ID
76	DeskID	Desk ID
77	MarketDataMarket	Market data market
78	AllocationEntity	Allocation Entity
79	PrimeBroker	Prime Broker providing General Trade Services
80	StepOutFirm	Step-Out Firm (Prime Broker)
81	BrokerClearingID	Broker clearing identifier
82	CentralRegistrationDepository	Central Registration Depository (CRD)
83	ClearingAccount	Clearing Account
84	AcceptableSettlingCounterparty	Acceptable Settling Counterparty
85	UnacceptableSettlingCounterparty	Unacceptable Settling Counterparty
86	CLSMemberBank	CLS Member Bank
87	InConcertGroup	In Concert Group
88	InConcertControllingEntity	In Concert Controlling Entity
89	LargePositionsReportingAccount	Large Positions Reporting Account
90	SettlementFirm	Settlement Firm
91	SettlementAccount	Settlement account. The account to which individual payment obligations are aggregated for netting and funds movement. Typically represents the aggregation of many margin (performance bond) accounts.
92	ReportingMarketCenter	Reporting Market Center
93	RelatedReportingMarketCenter	Related Reporting Market Center
94	AwayMarket	Away Market. Identify using PartyIDSource(tag 447) = G (Market Identifier Code) if the MIC exists.
95	GiveupTradingFirm	Give-up (trading) firm
96	TakeupTradingFirm	Take-up (trading) firm
97	GiveupClearingFirm	Give-up clearing firm
98	TakeupClearingFirm	Take-up clearing firm

<b>Code</b>	<b>Name</b>	<b>Description</b>
99	OriginatingMarket	Originating Market. Identifies the Market using PartyIDSource(tag 447) = G (Market Identifier Code) where an order originated in the event that the order is sent to an alternative market for execution. Serves as an inverse of an away market.
100	MarginAccount	Margin account. Also referred to as "performance bond account". The margin account is the calculated margin requirements. Typically represents the aggregation of one or more position accounts.
101	CollateralAssetAccount	Collateral asset account. The account at which individual collateral assets are maintained. Typically, although not always, one-for-one with the settlement account.
102	DataRepository	Data repository. Multiple instances of this PartyRole may appear for reporting purposes.
103	CalculationAgent	Calculation agent
104	ExerciseNoticeSender	Sender of exercise notice
105	ExerciseNoticeReceiver	Receiver of exercise notice
106	RateReferenceBank	Rate reference bank. The bank providing the reference rate. Multiple instance of this PartyRole may appear.
107	Correspondent	Correspondent
109	BeneficiaryBank	Beneficiary's bank or depository institution. The institution in which the beneficiary, a person or an entity, has their account with. The institution may be a bank or non-bank institution.
110	Borrower	Borrower
111	PrimaryObligator	Primary obligator
112	Guarantor	Guarantor
113	ExcludedReferenceEntity	Excluded reference entity
114	DeterminingParty	Determining party
115	HedgingParty	Hedging party
116	ReportingEntity	Reporting entity. The entity that is reporting the information.
117	SalesPerson	Sales person. The person who is involved in the sales activities for their firm.
118	Operator	Operator. The person who has the capabilities and authorization to take certain actions; for example, setting entitlements, etc.
119	CSD	Central Securities Depository (CSD)
120	ICSD	International Central Securities Depository (ICSD)

Code	Name	Description
121	TradingSubAccount	Trading sub-account. Example of sub-accounts include a clearing account that has multiple trading sub-accounts, a trading account that has multiple trading sub-accounts belonging to different trading firms.
122	InvestmentDecisionMaker	Investment decision maker. In the context of ESMA RTS reporting, this is used to specify party responsible for the investment decision. See RTS 24, Annex, Table 2, Field 4.
123	PublishingIntermediary	Publishing intermediary. The medium or vendor used to publish to the market.
124	CSDParticipant	Central Securities Depository (CSD) Participant. In the context of EU SFTR reporting the identifier of the CSD participant or indirect participant of the reporting counterparty. Where both the CSD participant and indirect participant are involved in the transaction this should identify the indirect participant.
125	Issuer	Issuer. The issuer of the security.
126	ContraCustomerAccount	Contra Customer Account. Same as PartyRole(452) = 24 (Customer Account) but for the counterparty. Can be used whenever the parties component is not nested in a repeating group representing both sides.
127	ContraInvestmentDecisionMaker	Contra Investment Decision Maker. Same as PartyRole(452) = 122 (Investment Decision Maker) but for the counterparty. Can be used whenever the parties component is not nested in a repeating group representing both sides.

Used in groups: [LegProvisionParties](#)

### 170.2.2309 LegProvisionPartyRoleQualifier

Used to further qualify the value of LegProvisionPartyRole(40536).

Type: [int](#)

Allowed values in PartyDetailRoleQualifierCodeSet:

Code	Name	Description
0	Agency	Agency
1	Principal	Principal
2	RisklessPrincipal	Riskless principal
3	GeneralClearingMember	General clearing member



Code	Name	Description
30	ExchangeOrderSubmitter	Exchange order submitter. Used to identify original or initial exchange order submitting broker when party role "1" (Executing Firm) appears more than once.
4	IndividualClearingMember	Individual clearing member
5	PreferredMarketMaker	Preferred market maker. Market maker getting a part of the matched quantity before primary or default market maker.
6	DirectedMarketMaker	Directed market maker. Single market maker to handle the order provided.
7	Bank	Bank
8	Hub	Hub. Indicates that the Intermediary party is a hub system or service provider.
9	PrimaryTrdRepository	Primary trade repository. Used to differentiate the principal trade repository from the Original or Additional trade repositories when there are multiple trade repositories being reported.
10	OrigTrdRepository	Original trade repository. Used to identify the trade repository to which the trade was originally reported if different from the current repository to which the trade is being reported.
11	AddnlIntlTrdRepository	Additional international trade repository. Used with InternationalSwapIndicator(2526) to identify the trade repository that is in addition to the local swaps data repository as required by U.S. law.
12	AddnlDomesticTrdRepository	Additional domestic trade repository. Used with MixedSwapIndicator(1929) to identify the trade repository that is in addition to the current trade repository when the assets in the swap are subject to two different domestic regulators.
13	RelatedExchange	Related exchange
14	OptionsExchange	Options exchange
15	SpecifiedExchange	Specified exchange
16	ConstituentExchange	Constituent exchange.
17	ExemptFromTradeReporting	Exempt from trade reporting. In the context of FINRA TRACE reporting requirements, this is used to indicate the ATS has been granted a regulatory exemption from reporting.
18	Current	Current. Can be used to convey an existing party identifier for the same party role in a single message.
19	New	New. Can be used to convey a future party identifier for the same party role in a single message.
20	DesignatedSponsor	Designated sponsor. Market maker jointly providing liquidity for the same security with other market makers.

Code	Name	Description
21	Specialist	Specialist. Market maker being the only one providing liquidity for a security.
22	Algorithm	Algorithm
23	FirmOrLegalEntity	Firm or legal entity
24	NaturalPerson	Natural person
25	RegularTrader	Regular trader. Standard trader profile.
26	HeadTrader	Head trader. Senior trader leading a group of regular traders.
27	Supervisor	Supervisor. Administrative user that has only limited rights for normal trading but possibly special rights for emergency actions.
28	TriParty	Tri-party. In the context of EU SFTR reporting, identifies the third party, not necessarily the custodian, to which the reporting counterparty has outsourced the post-trade processing of an SFT (if applicable).
29	Lender	Lender. In the context of EU SFTR reporting, identifies the agent lender involved in the securities lending transaction.

Used in groups: [LegProvisionParties](#)

#### 170.2.2310 LegProvisionPartySubID

Party sub-identifier, if applicable, for LegProvisionPartyRole(40536).

Type: [String](#)

Used in groups: [LegProvisionPtysSubGrp](#)

#### 170.2.2311 LegProvisionPartySubIDType

The type of LegProvisionPartySubID(40538) value.

Type: [int](#)

Allowed values in PartySubIDTypeCodeSet:

Code	Name	Description
1	Firm	Firm
2	Person	Person

<b>Code</b>	<b>Name</b>	<b>Description</b>
3	System	System
4	Application	Application
5	FullLegalNameOfFirm	Full legal name of firm
6	PostalAddress	Postal address
7	PhoneNumber	Phone number
8	EmailAddress	Email address
9	ContactName	Contact name
10	SecuritiesAccountNumber	Securities account number (for settlement instructions)
11	RegistrationNumber	Registration number (for settlement instructions and confirmations)
12	RegisteredAddressForConfirmation	Registered address (for confirmation purposes)
13	RegulatoryStatus	Regulatory status (for confirmation purposes)
14	RegistrationName	Registration name (for settlement instructions)
15	CashAccountNumber	Cash account number (for settlement instructions)
16	BIC	BIC
17	CSDParticipantMemberCode	CSD participant member code
18	RegisteredAddress	Registered address
19	FundAccountName	Fund account name
20	TelexNumber	Telex number
21	FaxNumber	Fax number
22	SecuritiesAccountName	Securities account name
23	CashAccountName	Cash account name
24	Department	Department
25	LocationDesk	Location desk
26	PositionAccountType	Position account type
27	SecurityLocateID	Security locate ID
28	MarketMaker	Market maker
29	EligibleCounterparty	Eligible counterparty
30	ProfessionalClient	Professional client
31	Location	Location
32	ExecutionVenue	Execution venue
33	CurrencyDeliveryIdentifier	Currency delivery identifier
34	AddressCity	Address City
35	AddressStateOrProvince	Address State/Province

Code	Name	Description
36	AddressPostalCode	Address Postal Code
37	AddressStreet	Address Street
38	AddressISOCountryCode	Address Country (ISO country code)
39	ISOCountryCode	ISO country code
40	MarketSegment	Market segment
41	CustomerAccountType	Customer account type
42	OmnibusAccount	Omnibus account
43	FundsSegregationType	Funds segregation type
44	GuaranteeFund	Guarantee fund. Identifies a guarantee fund related to an account. Used when one account has multiple funds of collateral, each guaranteeing different positions. Can be used for PartyRole(452) = Customer Account(24).
45	SwapDealer	Swap dealer. The US regulator's defined term for identifying the trade counterparty as "any person who holds itself out as a dealer in swaps, makes a market in swaps, regularly enters into swaps with counterparties as an ordinary course of business for its own account, or engages in activity causing itself to be commonly known in the trade as a dealer or market maker in swaps".
46	MajorParticipant	Major participant. When PartySubID(523)=Y the counterparty is not the swap dealer but is a major swap participant as defined in the regulations.
47	FinancialEntity	Financial entity. When PartySubID(523)=Y the counterparty is neither a swap dealer nor a major swap participant but is a financial entity as defined in the regulations.
48	USPerson	U.S. person. A legal term referring to any U.S. person or legal entity anywhere in the world that should be taxed under U.S. law.
49	ReportingEntityIndicator	Reporting entity indicator. Indicates the entity obligated or delegated to report to their regulator, a non-regulatory agency or data repository. Set PartySubID(523)=Y if true.
50	ElectedClearingRequirementException	Elected clearing requirement exception
51	BusinessCenter	Business center.
52	ReferenceText	Reference text
53	ShortMarkingExemptAccount	Short-marking exempt account
54	ParentFirmIdentifier	Parent firm identifier. Implementation-specific identifier of this party's parent entity.
55	ParentFirmName	Parent firm name. Full name of this party's parent entity.

Code	Name	Description
56	DealIdentifier	Deal identifier. The internal identifier assigned to the trade by this party, particularly by a Clearing Organization.
57	SystemTradeID	System trade identifier
58	SystemTradeSubID	System trade sub-identifier
59	FCMCode	Futures Commission Merchant (FCM) code. The FCM's code or identifier in relation to the PartyRole(452). For example, if PartyRole(452) is the exchange or clearinghouse, the FCM code/ID specified in PartySubID(523) is the FCM's identifier at the exchange or clearinghouse.
60	DlvryTrmlCode	Delivery terminal customer account/code. Usually used for gas delivery to identify whose account the gas is allocated to at the delivery terminal. Often referred to as "HUB" code.
61	VolntyRptEntity	Voluntary reporting entity. The entity voluntarily reporting the trade to the regulator. Set PartySubID(523)=Y if true.
62	RptObligJurisdiction	Reporting obligation jurisdiction. For a trade that falls under multiple jurisdictions this may be used to identify, through PartySubID(523), the reporting jurisdiction to which the party is obligated to report.
63	VolntyRptJurisdiction	Voluntary reporting jurisdiction. For a trade that falls under multiple jurisdictions this may be used to identify, through PartySubID(523), the regulatory jurisdiction to which the party is submitting a voluntary report.
64	CompanyActivities	Company activities. For regulatory reporting. ID values include: A = Assurance undertaking authorized in accordance with Directive 2002/83/EC C = Credit institution authorized in accordance with Directive 2006/48/EC F = Investment firm in accordance with Directive 2004/39/EC I = Insurance undertaking authorized in accordance with Directive 73/239/EC L = Alternative investment fund managed by AIFMs authorized or registered in accordance with Directive 2011/61/EC O = Institution for occupational retirement provision within the meaning of Article 6(a) of Directive 2003/41/EC R = Reinsurance undertaking authorized in accordance with Directive 2005/68/EC U = UCITS and its management company, authorized in accordance with Directive 2009/65/EC or blank in case of coverage by LEI or in case of non-financial counterparties. In the context of EU SFTR reporting use the appropriate 4- or 1-character code noted in the regulations. See SFTR ITS "Commission Implementing Regulation (EU) 2019/363" Annexes 1 and 2 for values.
65	EEAreaDomiciled	European Economic Area domiciled. ID values: Y or N

<b>Code</b>	<b>Name</b>	<b>Description</b>
66	ContractLinked	Contract linked to commercial or treasury financing for this counterparty. ID values: Y or N
67	ContractAbove	Contract above clearing threshold for this counterparty. ID values: Y or N
68	VolntyRptPty	Voluntary reporting party. When PartySubID(523)=Y, identifies that the trading party is reporting voluntarily when VoluntaryRegulatoryReport(1935)=Y.
69	EndUser	End user. When PartySubID(523)=Y, the counterparty is neither the swap dealer, major swap participant nor financial entity as defined in the regulations.
70	LocationOrJurisdiction	Location or jurisdiction. One or more instances may be used in combination with PartySubIDType(803) = 49 (Reporting entity indicator) or 102 (Data repository) to identify the jurisdiction, countries, regions or provinces for which the party is a reporting entity or data repository when that characteristic is ambiguous or where there are multiple locations. The party sub-ID value is either a jurisdiction acronym, a 2-character ISO 3166 country code, or a hyphenated combination of the country code and the standard post-office abbreviation for province, state or region if necessary. E.g. "US" for United States or "CA-QC" for Quebec Canada.
71	DerivativesDealer	Derivatives dealer. Indicates whether the party is a derivatives dealer or not (Y/N). The Canadian regulator's defined term for identifying the trade counterparty as "a person or company engaging in or holding himself, herself or itself out as engaging in the business of trading in derivatives in Ontario as principal or agent".
72	Domicile	Domicile. Country and optionally province, state or region of domicile. The party sub-ID value is either a 2-character ISO 3166 country code or a hyphenated combination of the country code and the standard post-office abbreviation of province, state or region if necessary. E.g. "US" for United States or "CA-QC" for Quebec Canada.
73	ExemptFromRecognition	Exempt from recognition. Used with party role 21 "Clearing Organization" to indicate exemption (Y/N). Identifies a clearing agency as exempt from oversight in Ontario, i.e. one that 1) only provides limited services and does not present significant risks or 2) is foreign-based, intends to operate in Ontario but is subject to regulatory oversight in another jurisdiction.

Code	Name	Description
74	Payer	Payer. Identifies the party as the payer of a particular payment stream or bullet payment by quoting the stream's StreamDesc(40051) (or LegStreamDesc(40243) or UnderlyingStreamDesc(40542)) or payment's PaymentDesc(43087) in the associated party sub-identifier field.
75	Receiver	Receiver. Identifies the party as the receiver of a particular payment stream or bullet payment by quoting the stream's StreamDesc(40051) (or LegStreamDesc(40243) or UnderlyingStreamDesc(40542)) or payment's PaymentDesc(43087) in the associated party sub-identifier field.
76	SystematicInternaliser	Systematic Internaliser (SI). In the context of ESMA reporting, this is used to indicate whether the specified party is a Systematic Internaliser or not for the security defined in the Instrument component (Y/N).
77	PublishingEntityIndicator	Publishing entity indicator. Indicates the entity obligated or delegated to publish to the market. Set PartySubID(523)=Y if true.
78	FirstName	First name. The first name(s) of a natural person. If multiple names, separate entries by a comma.
79	Surname	Surname. The surname(s) or lastname(s) of a natural person. If multiple names, separate entries by a comma.
80	DateOfBirth	Date of birth. The date of birth of a natural person in the format YYYYMMDD.
81	OrderTransmittingFirm	Order transmitting firm. Identifies whether the party specified in PartyID(448) is the firm that transmitted the order. In the context of RTS 22 Article 4, when "true" the PartySubID(523)=Y shall be set "by the transmitting firm within the transmitting firm's report where conditions for transmission specified in Article 4 were not satisfied."
82	OrderTransmittingFirmBuyer	Order transmitting firm for buyer. Identifies the firm that transmitted the order for the buyer. In the context of ESMA RTS 22, PartySubID(523)=Y is used to indicate the firm identified in PartyID(448) is the firm that transmitted the order for the buyer. "This shall be populated by the receiving firm within the receiving firm's report with the identification code provided by the transmitting firm."

Code	Name	Description
83	OrderTransmitterSeller	Order transmitter for seller. Identifies the order transmitting firm for the seller. In the context of ESMA RTS 22, PartySubID(523)=Y is used to indicate the firm identified in PartyID(448) is the firm that transmitted the order for the seller. "This shall be populated by the receiving firm within the receiving firm's report with the identification code provided by the transmitting firm."
84	LegalEntityIdentifier	Legal Entity Identifier (ISO 17442) LEI
85	SubSectorClassification	Sub-sector classification. Supplemental to party sub-ID type "64" (Company activities) for regulatory reporting. For EU SFTR reporting use the appropriate 4-character code noted in the regulations applying the conditional association rules. See SFTR ITS "Commission Implementing Regulation (EU) 2019/363" Annexes 1 and 2 for values.
86	PartySide	Party side. May be used, when appropriate, to explicitly indicate the transaction side of the party, e.g. Buyer, Seller, Lender, Borrower, Maker, Taker, etc. in the ID. In the context of EU SFTR reporting, use values as required by SFTR, "GIVE" and "TAKE" in the ID, to identify collateral giver and taker.
87	LegalRegistrationCountry	Legal registration country. ISO Country Code where the registered office of the party is located as specified in the LEI reference data.

Used in groups: [LegProvisionPtysSubGrp](#)

### 170.2.2312 LegProvisionPtysSubGrp

LegProvisionSubParties is a repeating component within the LegProvisionParties component used to extend information to be reported for the party.

Name	Mult.	Type	Description
<a href="#">NoLegProvisionPartySubIDs</a>	[1..1]	NumInGroup	
<a href="#">LegProvisionPartySubID</a>	[0..1]	String	Required if NoLegProvisionPartySubIDs(40537) > 0.
<a href="#">LegProvisionPartySubIDType</a>	[0..1]	CodeSet	Required if NoLegProvisionPartySubIDs(40537) > 0.

Used in groups: [LegProvisionParties](#)



**170.2.2313 LegProvisionText**

Free form text to specify additional information or enumeration description when a standard value does not apply.

Type: **String**

Used in groups: **LegProvisionGrp**

**170.2.2314 LegProvisionType**

Type of provisions.

Type: **int**

Allowed values in ProvisionTypeCodeSet:

Code	Name	Description
0	MandatoryEarlyTermination	Mandatory early termination
1	OptionalEarlyTermination	Optional early termination
2	Cancelable	Cancelable
3	Extendable	Extendable. The contract can be extended by either party usually with a specific time notice prior to the expiry date. In the context of EU SFTR reporting this corresponds to "termination optionality" code "ETSB".
4	MutualEarlyTermination	Mutual early termination
5	Evergreen	Evergreen. The contract automatically renews after the expiry date until one party gives the other notice to terminate. In the context of EU SFTR reporting this corresponds to "termination optionality" code "EGRN".
6	Callable	Callable. Contract is callable.
7	Puttable	Puttable. Contract is puttable.

Used in groups: **LegProvisionGrp**

**170.2.2315 LegPutOrCall**

Indicates whether a leg option contract is a put, call, chooser or undetermined.

Type: **int**

Allowed values in PutOrCallCodeSet:

Code	Name	Description
0	Put	Put. Also used for the case in which the buyer of a Swaption has the right to enter into an IRS contract as a fixed-rate receiver or into a CDS contract as a seller of protection or for the case of a Floor.
1	Call	Call. Also used for the case in which the buyer of a Swaption has the right to enter into an IRS contract as a fixed-rate payer or into a CDS contract as a buyer of protection or for the case of a Cap.
2	Other	Other. In the context of ESMA RTS 22 reporting, this value may be used when, at the time of execution, the option right cannot be determined.
3	Chooser	Chooser. Indicates that the option buyer may choose to buy or sell the underlying security on exercise or if a Swaption to pay or receive the underlying IRS cash flow stream or to buy or sell CDS protection.

Used in components: [InstrumentLeg](#)

### 170.2.2316 LegQty

This field is deprecated and has been replaced by [LegOrderQty\(685\)](#). This field will likely be removed from the FIX standard in a future version.

Type: [Qty](#)

Used in groups: [InstrmtLegExecGrp](#), [LegOrdGrp](#), [LegQuotGrp](#), [LegQuotStatGrp](#), [QuotReqLegsGrp](#), [TrdInstrmtLegGrp](#)

### 170.2.2317 LegQtyType

Type of quantity specified in [LegQty](#) field. [LegContractMultiplier\(614\)](#) is required when [LegQtyType](#) = 1 (Contracts). [LegUnitOfMeasure](#) (tag 999) and [LegTimeUnit](#) (tag 1001) are required when [LegQtyType](#) = 2 (Units of Measure per Time Unit). [LegQtyType](#) can be different for each leg.

Type: [int](#)

Allowed values in [QtyTypeCodeSet](#):

Code	Name	Description
0	Units	Units (shares, par, currency)
1	Contracts	Contracts
2	UnitsOfMeasurePerTimeUnit	Unit of Measure per Time Unit

Used in groups: [TrdInstrmtLegExecGrp](#), [TrdInstrmtLegGrp](#)

### 170.2.2318 LegQuotGrp

Name	Mult.	Type	Description
NoLegs	[1..1]	NumInGroup	
InstrumentLeg	[0..1]	Component	Required if NoLegs(555) > 0.
LegOrderQty	[0..1]	Qty	
LegQty	[0..1]	Qty	The LegQty(687) field is deprecated. The use of LegOrderQty(685) is recommended instead.
LegMidPx	[0..1]	Price	
LegSwapType	[0..1]	CodeSet	
LegSettlType	[0..1]	CodeSet	
LegSettlDate	[0..1]	LocalMktDate	
LegStipulations	[0..*]	Group	
NestedParties	[0..*]	Group	
LegPriceType	[0..1]	CodeSet	Code to represent type of price presented in LegBidPx(681) and LegOfferPx(684). Conditionally required when LegBidPx(681) or PegOfferPx(684) is present.
LegBidPx	[0..1]	Price	
LegOfferPx	[0..1]	Price	
LegBenchmarkCurveData	[0..1]	Component	
LegRefID	[0..1]	String	Use of LegRefID(654) in this component is deprecated. Recommend the use of LegID(1788) in the InstrumentLeg component.
LegBidForwardPoints	[0..1]	PriceOffset	
LegOfferForwardPoints	[0..1]	PriceOffset	

Used in messages: [Quote](#), [QuoteResponse](#)

**170.2.2319 LegQuotStatGrp**

Name	Mult.	Type	Description
NoLegs	[1..1]	NumInGroup	
InstrumentLeg	[0..1]	Component	Required if NoLegs(555) > 0.
LegOrderQty	[0..1]	Qty	
LegQty	[0..1]	Qty	The LegQty(687) field is deprecated. The use of LegOrderQty(685) is recommended instead.
LegMidPx	[0..1]	Price	
LegSwapType	[0..1]	CodeSet	
LegSettlType	[0..1]	CodeSet	
LegSettlDate	[0..1]	LocalMktDate	
LegStipulations	[0..*]	Group	
NestedParties	[0..*]	Group	

Used in messages: [QuoteStatusReport](#)

**170.2.2320 LegRatioQty**

The ratio of quantity for this individual leg relative to the entire multileg security.

Type: [float](#)

Used in components: [InstrumentLeg](#)

**170.2.2321 LegRedemptionDate**

Multileg instrument's individual leg security's RedemptionDate. See RedemptionDate (240) field for description (Note tag # was reserved in FIX 4.1, added in FIX 4.3) (prior to FIX 4.4 field was of type UTCDate)

Type: [LocalMktDate](#)

Used in components: [InstrumentLeg](#)

**170.2.2322 LegReferenceEntityType**

Specifies the type of reference entity for first-to-default CDS basket contracts.

Type: **int**

Allowed values in ReferenceEntityTypeCodeSet:

Code	Name	Description
1	Asian	Asian
2	AustralianNewZealand	Australian and New Zealand
3	EuropeanEmergingMarkets	European emerging markets
4	Japanese	Japanese
5	NorthAmericanHighYield	North American high yield
6	NorthAmericanInsurance	North American insurance
7	NorthAmericanInvestmentGrade	North American investment grade
8	Singaporean	Singaporean
9	WesternEuropean	Western European
10	WesternEuropeanInsurance	Western European insurance

Used in components: **InstrumentLeg**

#### **170.2.2323 LegRefID**

Unique identifier for a specific leg (uniqueness not defined as part of the FIX specification). LegRefID(654) be used to reference the value from LegID(1788).

Type: **String**

Used in groups: **InstrmtLegExecGrp, LegOrdGrp, LegQuotGrp, MDFullGrp, QuotReqLegsGrp, SideCross-LegGrp, TrdInstrmtLegExecGrp, TrdInstrmtLegGrp**

#### **170.2.2324 LegRepoCollateralSecurityType**

Multileg instrument's individual leg security's RepoCollateralSecurityType. See RepoCollateralSecurityType (239) field for description (Note tag # was reserved in FIX 4.1, added in FIX 4.3)

Type: **String**

Used in components: **InstrumentLeg**

**170.2.2325 LegReportID**

Additional attribute to store the Trade ID of the Leg.

Type: **String**

Used in groups: **TrdInstrmtLegGrp**

**170.2.2326 LegRepurchaseRate**

Multileg instrument's individual leg security's RepurchaseRate. See RepurchaseRate (227) field for description (Note tag # was reserved in FIX 4.1, added in FIX 4.3)

Type: **Percentage**

Used in components: **InstrumentLeg**

**170.2.2327 LegRepurchaseTerm**

Multileg instrument's individual leg security's RepurchaseTerm. See RepurchaseTerm (226) field for description (Note tag # was reserved in FIX 4.1, added in FIX 4.3)

Type: **int**

Used in components: **InstrumentLeg**

**170.2.2328 LegRestructuringType**

A category of CDS credit event in which the underlying bond experiences a restructuring.

Used to define a CDS instrument.

Type: **String**

Allowed values in RestructuringTypeCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
FR	FullRestructuring	Full Restructuring
MR	ModifiedRestructuring	Modified Restructuring
MM	ModifiedModRestructuring	Modified Mod Restructuring
XR	NoRestructuringSpecified	No Restructuring specified

---

Used in components: **InstrumentLeg**

**170.2.2329 LegReturnRateAmountRelativeTo**

Specifies the reference amount when the return rate amount is relative to another amount in the trade.

See [http://www.fixtradingcommunity.org/codelists#Amount\\_Relative\\_To](http://www.fixtradingcommunity.org/codelists#Amount_Relative_To) for code list of relative amounts.

Type: **int**

Used in groups: **LegReturnRateGrp**

**170.2.2330 LegReturnRateCashFlowType**

Specifies the type of cash flows, e.g. coupon payment, premium fee, settlement fee, etc.

See <http://www.fpml.org/coding-scheme/cashflow-type> for values.

Type: **String**

Used in groups: **LegReturnRateGrp**

**170.2.2331 LegReturnRateCommissionAmount**

The commission amount.

Type: **Amt**

Used in groups: **LegReturnRateGrp**

**170.2.2332 LegReturnRateCommissionBasis**

Specifies the basis or unit used to calculate the commission.

Type: **char**

Allowed values in CommTypeCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
1	PerUnit	Amount per unit. Implying shares, par, currency, physical unit etc. Use CommissionUnitOfMeasure(1238) to clarify for commodities.
2	Percent	Percent

---

Code	Name	Description
3	Absolute	Absolute. Total monetary amount.
4	PercentageWaivedCashDiscount	Percentage waived, cash discount basis. For use with CIV buy orders.
5	PercentageWaivedEnhancedUnits	Percentage waived, enhanced units basis. For use with CIV buy orders.
6	PointsPerBondOrContract	Points per bond or contract. Specify ContractMultiplier(231) in the Instrument component if the security is denominated in a size other than the market convention, e.g. 1000 par for bonds.
7	BasisPoints	Basis points. The commission is expressed in basis points in reference to the gross price of the reference asset.
8	AmountPerContract	Amount per contract. Specify ContractMultiplier(231) in the Instrument component if the security is denominated in a size other than the market convention.

Used in groups: [LegReturnRateGrp](#)

#### 170.2.2333 LegReturnRateCommissionCurrency

Specifies the currency the commission amount is denominated in. Uses ISO 4217 currency codes.

Type: [Currency](#)

Used in groups: [LegReturnRateGrp](#)

#### 170.2.2334 LegReturnRateDateGrp

LegReturnRateDateGrp is a repeating subcomponent within the LegReturnRateGrp component. It is used to specify the equity and dividend valuation dates for an equity return swap payment stream.

Name	Mult.	Type	Description
<a href="#">NoLegReturnRateDates</a>	[1..1]	NumInGroup	
<a href="#">LegReturnRateDateMode</a>	[0..1]	CodeSet	Required if NoLegReturnRateDates(42508) > 0.
<a href="#">LegReturnRateValuationDateGrp</a>	[0..*]	Group	
<a href="#">LegReturnRateValuationDateRelativeTo</a>	[0..1]	int	



Name	Mult.	Type	Description
LegReturnRateValuationDateOffsetPeriod	[0..1]	int	Conditionally required when LegReturnRateValuationDateOffsetUnit(42512) is specified.
LegReturnRateValuationDateOffsetUnit	[0..1]	CodeSet	Conditionally required when LegReturnRateValuationDateOffsetPeriod(42511) is specified.
LegReturnRateValuationDateOffsetDayType	[0..1]	CodeSet	
LegReturnRateValuationStartDateUnadjusted	[0..1]	LocalMktDate	
LegReturnRateValuationStartDateRelativeTo	[0..1]	int	
LegReturnRateValuationStartDateOffsetPeriod	[0..1]	int	Conditionally required when LegReturnRateValuationStartDateOffsetUnit(42517) is specified.
LegReturnRateValuationStartDateOffsetUnit	[0..1]	CodeSet	Conditionally required when LegReturnRateValuationStartDateOffsetPeriod(42516) is specified.
LegReturnRateValuationStartDateOffsetDayType	[0..1]	CodeSet	
LegReturnRateValuationStartDateAdjusted	[0..1]	LocalMktDate	
LegReturnRateValuationEndDateUnadjusted	[0..1]	LocalMktDate	
LegReturnRateValuationEndDateRelativeTo	[0..1]	int	
LegReturnRateValuationEndDateOffsetPeriod	[0..1]	int	Conditionally required when LegReturnRateValuationEndDateOffsetUnit(42523) is specified.
LegReturnRateValuationEndDateOffsetUnit	[0..1]	CodeSet	Conditionally required when LegReturnRateValuationEndDateOffsetPeriod(42522) is specified.
LegReturnRateValuationEndDateOffsetDayType	[0..1]	CodeSet	
LegReturnRateValuationEndDateAdjusted	[0..1]	LocalMktDate	
LegReturnRateValuationFrequencyPeriod	[0..1]	int	Conditionally required when LegReturnRateValuationFrequencyUnit(42527) is specified.
LegReturnRateValuationFrequencyUnit	[0..1]	CodeSet	Conditionally required when LegReturnRateValuationFrequencyPeriod(42526) is specified.

Name	Mult.	Type	Description
<b>LegReturnRateValuationFrequency-RollConvention</b>	[0..1]	CodeSet	When specified, this overrides the date roll convention defined in the LegDateAdjustment component in InstrumentLeg. The specified values would be specific to this instance of return rate valuation dates.
<b>LegReturnRateValuationDateBusiness-DayConvention</b>	[0..1]	CodeSet	When specified, this overrides the business day convention defined in the LegDateAdjustment component in InstrumentLeg. The specified value would be specific to payment stream return rate valuation dates.
<b>LegReturnRateValuationDateBusiness-CenterGrp</b>	[0..*]	Group	When specified, this overrides the business day convention defined in the LegDateAdjustment component in InstrumentLeg. The specified values would be specific to payment stream return rate valuation dates.

Used in groups: **LegReturnRateGrp**

### 170.2.2335 LegReturnRateDateMode

Specifies the valuation type applicable to the return rate date.

Type: **int**

Allowed values in ReturnRateDateModeCodeSet:

Code	Name	Description
0	PriceValuation	Price valuation
1	DividendValuation	Dividend valuation

Used in groups: **LegReturnRateDateGrp**

### 170.2.2336 LegReturnRateDeterminationMethod

Specifies the method by which the underlier prices are determined.

See <http://www.fpml.org/coding-scheme/determination-method> for values.

Type: **String**

Used in groups: **LegReturnRateGrp**

**170.2.2337 LegReturnRateFinalPriceFallback**

Specifies the fallback provision for the hedging party in the determination of the final price.

Type: **int**

Allowed values in ComplexEventPVFinalPriceElectionFallbackCodeSet:

Code	Name	Description
0	Close	Close. In respect of the "early final valuation date", the provisions for "future present value close" shall apply.
1	HedgeElection	Hedge election. In respect of the "early final valuation date", the provisions for "future present value hedge execution" shall apply.

Used in groups: **LegReturnRateGrp**

**170.2.2338 LegReturnRateFXConversionGrp**

LegReturnRateFXConversionGrp is a repeating subcomponent within the LegReturnRateGrp component. It is used to specify the FX conversion rates for an equity return swap payment stream.

Name	Mult.	Type	Description
<b>NoLegReturnRateFXConversions</b>	[1..1]	NumInGroup	
<b>LegReturnRateFXCurrencySymbol</b>	[0..1]	String	Required if NoLegReturnRateFXConversions(42530) > 0.
<b>LegReturnRateFXRate</b>	[0..1]	float	Required if NoLegReturnRateFXConversions(42530) > 0.
<b>LegReturnRateFXRateCalc</b>	[0..1]	CodeSet	

Used in groups: **LegReturnRateGrp**

**170.2.2339 LegReturnRateFXCurrencySymbol**

Specifies the currency pair for the FX conversion expressed using the CCY1/CCY2 convention. Uses ISO 4217 currency codes.

Type: **String**

Used in groups: **LegReturnRateFXConversionGrp**

**170.2.2340 LegReturnRateFXRate**

The rate of exchange between the two currencies specified in LegReturnRateFXCurrencySymbol(42531).

Type: **float**

Used in groups: **LegReturnRateFXConversionGrp**

**170.2.2341 LegReturnRateFXRateCalc**

The rate of exchange between the two currencies specified in LegReturnRateFXCurrencySymbol(42531).

Type: **char**

Allowed values in SettlCurrFxRateCalcCodeSet:

Code	Name	Description
M	Multiply	Multiply
D	Divide	Divide

Used in groups: **LegReturnRateFXConversionGrp**

**170.2.2342 LegReturnRateGrp**

LegReturnRateGrp is a repeating subcomponent within the LegPaymentStreamFloatingRate component. It is used to specify the multiple return rates for an equity return swap payment stream.

Name	Mult.	Type	Description
<b>NoLegReturnRates</b>	[1..1]	NumInGroup	
<b>LegReturnRatePriceSequence</b>	[0..1]	CodeSet	Required if NoLegReturnRates(42534) > 0.
<b>LegReturnRateCommissionBasis</b>	[0..1]	CodeSet	
<b>LegReturnRateCommissionAmount</b>	[0..1]	Amt	
<b>LegReturnRateCommissionCurrency</b>	[0..1]	Currency	If not specified, this is defaulted to the reporting currency.
<b>LegReturnRateTotalCommissionPer-Trade</b>	[0..1]	Amt	
<b>LegReturnRateDeterminationMethod</b>	[0..1]	String	

Name	Mult.	Type	Description
LegReturnRatePriceGrp	[0..*]	Group	
LegReturnRateFXConversionGrp	[0..*]	Group	
LegReturnRateAmountRelativeTo	[0..1]	int	
LegReturnRateQuoteMeasureType	[0..1]	String	
LegReturnRateQuoteUnits	[0..1]	String	
LegReturnRateQuoteMethod	[0..1]	CodeSet	
LegReturnRateQuoteCurrency	[0..1]	Currency	
LegReturnRateQuoteCurrencyType	[0..1]	String	
LegReturnRateQuoteTimeType	[0..1]	CodeSet	Mutually exclusive with LegReturnRateQuoteTime(42548).
LegReturnRateQuoteTime	[0..1]	LocalMktTime	Mutually exclusive with LegReturnRateQuoteTimeType(42547).
LegReturnRateQuoteDate	[0..1]	LocalMktDate	
LegReturnRateQuoteExpirationTime	[0..1]	LocalMktTime	
LegReturnRateQuoteBusinessCenter	[0..1]	String	
LegReturnRateQuoteExchange	[0..1]	Exchange	
LegReturnRateInformationSourceGrp	[0..*]	Group	
LegReturnRateQuotePricingModel	[0..1]	String	
LegReturnRateCashFlowType	[0..1]	String	
LegReturnRateDateGrp	[0..*]	Group	
LegReturnRateValuationTimeType	[0..1]	CodeSet	Mutually exclusive with LegReturnRateValuationTime(42556).
LegReturnRateValuationTime	[0..1]	LocalMktTime	Mutually exclusive with LegReturnRateValuationTimeType(42555).
LegReturnRateValuationTimeBusiness-Center	[0..1]	String	
LegReturnRateValuationPriceOption	[0..1]	CodeSet	
LegReturnRateFinalPriceFallback	[0..1]	CodeSet	

Used in components: [LegPaymentStreamFloatingRate](#)

### 170.2.2343 LegReturnRateInformationSource

Identifies the source of rate information. For FX the references source to be used for the FX spot rate.

Type: [int](#)

Allowed values in RateSourceCodeSet:

Code	Name	Description
0	Bloomberg	Bloomberg
1	Reuters	Reuters
2	Telerate	Telerate
3	ISDARateOption	ISDA Settlement Rate Option. The source of the currency conversion as specified by the ISDA terms in Annex A to the 1998 FX and Currency Option Definitions. See <a href="http://www.fpml.org/coding-scheme/settlement-rate-option">http://www.fpml.org/coding-scheme/settlement-rate-option</a>
99	Other	Other

Used in groups: [LegReturnRateInformationSourceGrp](#)

#### 170.2.2344 LegReturnRateInformationSourceGrp

LegReturnRateInformationSourceGrp is a repeating subcomponent within the LegReturnRateGrp component. It is used to specify the information sources for equity prices and FX rates for an equity return swap payment stream.

Name	Mult.	Type	Description
<a href="#">NoLegReturnRateInformationSources</a>	[1..1]	NumInGroup	
<a href="#">LegReturnRateInformationSource</a>	[0..1]	CodeSet	Required if <a href="#">NoLegReturnRateInformationSources(42560)</a> > 0.
<a href="#">LegReturnRateReferencePage</a>	[0..1]	String	
<a href="#">LegReturnRateReferencePageHeading</a>	[0..1]	String	

Used in groups: [LegReturnRateGrp](#)

#### 170.2.2345 LegReturnRateNotionalReset

Indicates whether the term "Equity Notional Reset" as defined in the ISDA 2002 Equity Derivatives Definitions is applicable ("Y") or not.

Type: [Boolean](#)

Used in components: [LegPaymentStreamFloatingRate](#)

**170.2.2346 LegReturnRatePrice**

Specifies the price of the underlying swap asset.

Type: **Price**

Used in groups: **LegReturnRatePriceGrp**

**170.2.2347 LegReturnRatePriceBasis**

The basis of the return price.

Type: **int**

Allowed values in ReturnRatePriceBasisCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	Gross	Gross.
1	Net	Net
2	Accrued	Accrued
3	CleanNet	Clean net

---

Used in groups: **LegReturnRatePriceGrp**

**170.2.2348 LegReturnRatePriceCurrency**

Specifies the currency of the price of the leg swap asset. Uses ISO 4217 currency codes.

Type: **Currency**

Used in groups: **LegReturnRatePriceGrp**

**170.2.2349 LegReturnRatePriceGrp**

LegReturnRatePriceGrp is a repeating subcomponent within the LegReturnRateGrp component. It is used to specify the return rate prices for an equity return swap payment stream.

---

<b>Name</b>	<b>Mult.</b>	<b>Type</b>	<b>Description</b>
<b>NoLegReturnRatePrices</b>	[1..1]	NumInGroup	

---

Name	Mult.	Type	Description
LegReturnRatePriceBasis	[0..1]	CodeSet	Required if NoLegReturnRatePrices(42564) > 0.
LegReturnRatePrice	[0..1]	Price	
LegReturnRatePriceCurrency	[0..1]	Currency	
LegReturnRatePriceType	[0..1]	CodeSet	

Used in groups: [LegReturnRateGrp](#)

### 170.2.2350 LegReturnRatePriceSequence

Specifies the type of price sequence of the return rate.

Type: [int](#)

Allowed values in ReturnRatePriceSequenceCodeSet:

Code	Name	Description
0	Initial	Initial
1	Interim	Interim
2	Final	Final

Used in groups: [LegReturnRateGrp](#)

### 170.2.2351 LegReturnRatePriceType

Specifies whether the LegReturnRatePrice(42566) is expressed in absolute or relative terms.

Type: [int](#)

Allowed values in ReturnRatePriceTypeCodeSet:

Code	Name	Description
0	AbsoluteTerms	Absolute terms
1	PercentageOfNotional	Percentage of notional

Used in groups: [LegReturnRatePriceGrp](#)



**170.2.2352 LegReturnRateQuoteBusinessCenter**

The business center calendar used for adjustments associated with LegReturnRateQuoteTimeType(42547) or LegReturnRateQuoteTime(42548) and LegReturnRateQuoteDate(42549), e.g. "GBLO".

See <http://www.fpml.org/coding-scheme/business-center> for standard 4-character code values.

Type: **String**

Used in groups: **LegReturnRateGrp**

**170.2.2353 LegReturnRateQuoteCurrency**

Specifies the currency the return rate quote is denominated in. Uses ISO 4217 Currency Code.

Type: **Currency**

Used in groups: **LegReturnRateGrp**

**170.2.2354 LegReturnRateQuoteCurrencyType**

Specifies the type of currency, e.g. settlement currency, base currency, etc., that the quote is reported in.

See <http://www.fpml.org/coding-scheme/reporting-currency-type> for values.

Type: **String**

Used in groups: **LegReturnRateGrp**

**170.2.2355 LegReturnRateQuoteDate**

The date when the quote is to be generated.

Type: **LocalMktDate**

Used in groups: **LegReturnRateGrp**

**170.2.2356 LegReturnRateQuoteExchange**

Specifies the exchange (e.g. stock or listed futures/options exchange) from which the quote is obtained.

Type: **Exchange**

Used in groups: **LegReturnRateGrp**

**170.2.2357 LegReturnRateQuoteExpirationTime**

The time when the quote ceases to be valid.

Type: [LocalMktTime](#)

Used in groups: [LegReturnRateGrp](#)

**170.2.2358 LegReturnRateQuoteMeasureType**

Specifies the type of the measure applied to the return rate's asset, e.g. valuation, sensitivity risk. This could be an NPV, a cash flow, a clean price, etc.

See <http://www.fpml.org/coding-scheme/asset-measure> for values.

Type: [String](#)

Used in groups: [LegReturnRateGrp](#)

**170.2.2359 LegReturnRateQuoteMethod**

Specifies the type of quote used to determine the return rate of the swap.

Type: [int](#)

Allowed values in CashSettlQuoteMethodCodeSet:

---

Code	Name	Description
0	Bid	Bid
1	Mid	Mid
2	Offer	Offer

---

Used in groups: [LegReturnRateGrp](#)

**170.2.2360 LegReturnRateQuotePricingModel**

Specifies the pricing model used to evaluate the underlying asset price.

See <http://www.fpml.org/coding-scheme/pricing-model> for values.

Type: [String](#)

Used in groups: [LegReturnRateGrp](#)

**170.2.2361 LegReturnRateQuoteTime**

The time when the quote is to be generated.

Type: **LocalMktTime**

Used in groups: **LegReturnRateGrp**

**170.2.2362 LegReturnRateQuoteTimeType**

Specifies how or the timing when the quote is to be obtained.

Type: **int**

Allowed values in ReturnRateQuoteTimeTypeCodeSet:

Code	Name	Description
0	Open	Open. The official opening time of the exchange on valuation date.
1	OfficialSettlPx	Official settlement price time. The time at which the official settlement price is determined.
2	Xetra	XETRA. The time at which the official settlement price (following the auction by the exchange) is determined by the exchange.
3	Close	Close. The official closing time of the exchange on valuation date.
4	DerivativesClose	Derivatives close. The official closing time for derivative trading of the exchange on valuation date.
5	High	High. The high price for the day.
6	Low	Low. The low price for the day.
7	AsSpecifiedInMasterConfirmation	As specified in the master confirmation

Used in groups: **LegReturnRateGrp**

**170.2.2363 LegReturnRateQuoteUnits**

Specifies the units that the measure is expressed in. If not specified, the default is a price/value in currency units.

See <http://www.fpml.org/coding-scheme/price-quote-units> for values.

Type: **String**

Used in groups: **LegReturnRateGrp**

### **170.2.2364 LegReturnRateReferencePage**

Identifies the reference "page" from the rate source.

For FX, the reference page to the spot rate to be used for the reference FX spot rate.

When LegReturnRateInformationSource(42561) = 3 (ISDA Settlement Rate Option) this contains the value from the scheme that reflects the terms of the Annex A to the ISDA 1998 FX and Currency Option Definitions.

See: <http://www.fpml.org/coding-scheme/settlement-rate-option>.

Type: **String**

Used in groups: **LegReturnRateInformationSourceGrp**

### **170.2.2365 LegReturnRateReferencePageHeading**

Identifies the page heading from the rate source.

Type: **String**

Used in groups: **LegReturnRateInformationSourceGrp**

### **170.2.2366 LegReturnRateTotalCommissionPerTrade**

The total commission per trade.

Type: **Amt**

Used in groups: **LegReturnRateGrp**

### **170.2.2367 LegReturnRateValuationDate**

The return rate valuation date. The type of date is specified in LegReturnRateValuationDate-  
Type(42573).

Type: **LocalMktDate**

Used in groups: **LegReturnRateValuationDateGrp**

**170.2.2368 LegReturnRateValuationDateBusinessCenter**

The business center calendar used for date adjustment of the return rate valuation unadjusted or relative dates, e.g. "GBLO".

See <http://www.fpml.org/coding-scheme/business-center> for standard 4-character code values.

Type: **String**

Used in groups: **LegReturnRateValuationDateBusinessCenterGrp**

**170.2.2369 LegReturnRateValuationDateBusinessCenterGrp**

LegReturnRateValuationDateBusinessCenterGrp is a repeating subcomponent within the LegReturnRateValuationDateGrp component. It is used to specify the valuation date business center adjustments for an equity return swap payment stream.

Name	Mult.	Type	Description
NoLegReturnRateValuationDateBusinessCenters	[1..1]	NumInGroup	
LegReturnRateValuationDateBusinessCenter	[0..1]	String	Required if NoLegReturnRateValuationDateBusinessCenters(42569) > 0.

Used in groups: **LegReturnRateDateGrp**

**170.2.2370 LegReturnRateValuationDateBusinessDayConvention**

The return rate valuation dates business day convention.

Type: **int**

Allowed values in BusinessDayConventionCodeSet:

Code	Name	Description
0	NotApplicable	Not applicable. Business day convention is not applicable.
1	None	None (current day)
2	FollowingDay	Following day. The following business day.
3	FloatingRateNote	Floating rate note. The FRN business day convention.
4	ModifiedFollowingDay	Modified following day. The modified following business day.

Code	Name	Description
5	PrecedingDay	Preceding day. The preceding business day.
6	ModifiedPrecedingDay	Modified preceding day. The modified preceding business day.
7	NearestDay	Nearest day. The nearest applicable business day.

Used in groups: [LegReturnRateDateGrp](#)

### 170.2.2371 LegReturnRateValuationDateGrp

LegReturnRateValuationDateGrp is a repeating subcomponent within the LegReturnRateDateGrp component. It is used to specify the fixed valuation dates for an equity return swap payment stream.

Name	Mult.	Type	Description
<a href="#">NoLegReturnRateValuationDates</a>	[1..1]	NumInGroup	
<a href="#">LegReturnRateValuationDate</a>	[0..1]	LocalMktDate	Required if <a href="#">NoLegReturnRateValuationDates(42571)</a> > 0.
<a href="#">LegReturnRateValuationDateType</a>	[0..1]	CodeSet	When specified it applies not only to the current date instance but to all subsequent date instances in the group until overridden when a new type is specified.

Used in groups: [LegReturnRateDateGrp](#)

### 170.2.2372 LegReturnRateValuationDateOffsetDayType

Specifies the day type of the relative return rate valuation date offset.

Type: [int](#)

Allowed values in [PaymentStreamPaymentDateOffsetDayTypeCodeSet](#):

Code	Name	Description
0	Business	Business
1	Calendar	Calendar
2	CommodityBusiness	Commodity business
3	CurrencyBusiness	Currency business

---

Code	Name	Description
4	ExchangeBusiness	Exchange business
5	ScheduledTradingDay	Scheduled trading day

---

Used in groups: [LegReturnRateDateGrp](#)

### **170.2.2373 LegReturnRateValuationDateOffsetPeriod**

Time unit multiplier for the relative return rate valuation date offset.

Type: [int](#)

Used in groups: [LegReturnRateDateGrp](#)

### **170.2.2374 LegReturnRateValuationDateOffsetUnit**

Time unit associated with the relative return rate valuation date offset.

Type: [String](#)

Allowed values in PaymentStreamPaymentDateOffsetUnitCodeSet:

---

Code	Name	Description
D	Day	Day
Wk	Week	Week
Mo	Month	Month
Yr	Year	Year

---

Used in groups: [LegReturnRateDateGrp](#)

### **170.2.2375 LegReturnRateValuationDateRelativeTo**

Specifies the anchor date when the return rate valuation dates are relative to an anchor date.

See [http://www.fixtradingcommunity.org/codelists#Relative\\_To\\_Date](http://www.fixtradingcommunity.org/codelists#Relative_To_Date) for values.

Type: [int](#)

Used in groups: [LegReturnRateDateGrp](#)

**170.2.2376 LegReturnRateValuationDateType**

Specifies the type of return rate valuation date (e.g. adjusted for holidays).

Type: [int](#)

Allowed values in NonDeliverableFixingDateTypeCodeSet:

---

Code	Name	Description
0	Unadjusted	Unadjusted
1	Adjusted	Adjusted

---

Used in groups: [LegReturnRateValuationDateGrp](#)

**170.2.2377 LegReturnRateValuationEndDateAdjusted**

The adjusted end date for return rate valuation. This can be used to restrict the range of dates when they are relative.

Type: [LocalMktDate](#)

Used in groups: [LegReturnRateDateGrp](#)

**170.2.2378 LegReturnRateValuationEndDateOffsetDayType**

Specifies the day type of the relative return rate valuation end date offset.

Type: [int](#)

Allowed values in PaymentStreamPaymentDateOffsetDayTypeCodeSet:

---

Code	Name	Description
0	Business	Business
1	Calendar	Calendar
2	CommodityBusiness	Commodity business
3	CurrencyBusiness	Currency business
4	ExchangeBusiness	Exchange business
5	ScheduledTradingDay	Scheduled trading day

---

Used in groups: [LegReturnRateDateGrp](#)



**170.2.2379 LegReturnRateValuationEndDateOffsetPeriod**

Time unit multiplier for the relative return rate valuation end date offset.

Type: **int**

Used in groups: **LegReturnRateDateGrp**

**170.2.2380 LegReturnRateValuationEndDateOffsetUnit**

Time unit associated with the relative return rate valuation end date offset.

Type: **String**

Allowed values in PaymentStreamPaymentDateOffsetUnitCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
D	Day	Day
Wk	Week	Week
Mo	Month	Month
Yr	Year	Year

---

Used in groups: **LegReturnRateDateGrp**

**170.2.2381 LegReturnRateValuationEndDateRelativeTo**

Specifies the anchor date when the return rate valuation end date is relative to an anchor date.

See [http://www.fixtradingcommunity.org/codelists#Relative\\_To\\_Date](http://www.fixtradingcommunity.org/codelists#Relative_To_Date) for values.

Type: **int**

Used in groups: **LegReturnRateDateGrp**

**170.2.2382 LegReturnRateValuationEndDateUnadjusted**

The unadjusted end date for return rate valuation. This can be used to restrict the range of dates when they are relative.

Type: **LocalMktDate**

Used in groups: **LegReturnRateDateGrp**

**170.2.2383 LegReturnRateValuationFrequencyPeriod**

Time unit multiplier for the frequency at which return rate valuation dates occur.

Type: **int**

Used in groups: **LegReturnRateDateGrp**

**170.2.2384 LegReturnRateValuationFrequencyRollConvention**

The convention for determining the sequence of return rate valuation dates. It is used in conjunction with a specified frequency.

Type: **String**

Allowed values in DateRollConventionCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
1	FirstDay	1st day of the month
2	SecondDay	2nd day of the month
3	ThirdDay	3rd day of the month
4	FourthDay	4th day of the month
5	FifthDay	5th day of the month
6	SixthDay	6th day of the month
7	SeventhDay	7th day of the month
8	EighthDay	8th day of the month
9	NinthDay	9th day of the month
10	TenthDay	10th day of the month
11	EleventhDay	11th day of the month
12	TwelvthDay	12th day of the month
13	ThirteenthDay	13th day of the month
14	ForteenthDay	14th day of the month
15	FifteenthDay	15th day of the month
16	SixteenthDay	16th day of the month
17	SeventeenthDay	17th day of the month
18	EighteenthDay	18th day of the month
19	NineteenthDay	19th day of the month
20	TwentiethDay	20th day of the month
21	TwentyFirstDay	21st day of the month

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
22	TwentySecondDay	22nd day of the month
23	TwentyThirdDay	23rd day of the month
24	TwentyFourthDay	24th day of the month
25	TwentyFifthDay	25th day of the month
26	TwentySixthDay	26th day of the month
27	TwentySeventhDay	27th day of the month
28	TwentyEighthDa28y	28th day of the month
29	TwentyNinthDay	29th day of the month
30	ThirtiethDay	30th day of the month
EOM	EOM	The end of the month. Use EOM for 31st day of the month.
FRN	FRN	The floating rate note convention or Eurodollar convention.
IMM	IMM	The International Money Market settlement date, i.e. the 3rd Wednesday of the month.
IMMCAD	IMMCAD	The last trading day/expiration day of the Canadian Derivatives Exchange.
IMMAUD	IMMAUD	The last trading day of the Sydney Futures Exchange Australian 90-day bank accepted bill futures contract.
IMMNZD	IMMNZD	The last trading day of the Sydney Futures Exchange New Zealand 90-day bank bill futures contract.
SFE	SFE	The Sydney Futures Exchange 90-day bank accepted bill futures settlement dates.
NONE	NONE	No adjustment
TBILL	TBILL	The 13-week and 26-week U.S. Treasury Bill auction dates.
MON	MON	Monday
TUE	TUE	Tuesday
WED	WED	Wednesday
THU	THU	Thursday
FRI	FRI	Friday
SAT	SAT	Saturday
SUN	SUN	Sunday

Used in groups: [LegReturnRateDateGrp](#)

**170.2.2385 LegReturnRateValuationFrequencyUnit**

Time unit associated with the frequency at which return rate valuation dates occur.

Type: **String**

Allowed values in CouponFrequencyUnitCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
D	Day	Day
Wk	Week	Week
Mo	Month	Month
Yr	Year	Year
H	Hour	Hour
Min	Minute	Minute
S	Second	Second
T	Term	Term

---

Used in groups: **LegReturnRateDateGrp**

**170.2.2386 LegReturnRateValuationPriceOption**

Indicates whether an ISDA price option applies, and if applicable which type of price.

Type: **int**

Allowed values in ReturnRateValuationPriceOptionCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	None	None (the default)
1	FuturesPrice	Futures price. The official settlement price as announced by the related futures exchange is applicable.
2	OptionsPrice	Options price. The official settlement price as announced by the related options exchange is applicable.

---

Used in groups: **LegReturnRateGrp**

**170.2.2387 LegReturnRateValuationStartDateAdjusted**

The adjusted start date for return rate valuation. This can be used to restrict the range of dates when they are relative.

Type: [LocalMktDate](#)

Used in groups: [LegReturnRateDateGrp](#)

**170.2.2388 LegReturnRateValuationStartDateOffsetDayType**

Specifies the day type of the relative return rate valuation start date offset.

Type: [int](#)

Allowed values in [PaymentStreamPaymentDateOffsetDayTypeCodeSet](#):

---

Code	Name	Description
0	Business	Business
1	Calendar	Calendar
2	CommodityBusiness	Commodity business
3	CurrencyBusiness	Currency business
4	ExchangeBusiness	Exchange business
5	ScheduledTradingDay	Scheduled trading day

---

Used in groups: [LegReturnRateDateGrp](#)

**170.2.2389 LegReturnRateValuationStartDateOffsetPeriod**

Time unit multiplier for the relative return rate valuation start date offset.

Type: [int](#)

Used in groups: [LegReturnRateDateGrp](#)

**170.2.2390 LegReturnRateValuationStartDateOffsetUnit**

Time unit associated with the relative return rate valuation start date offset.

Type: [String](#)

Allowed values in PaymentStreamPaymentDateOffsetUnitCodeSet:

Code	Name	Description
D	Day	Day
Wk	Week	Week
Mo	Month	Month
Yr	Year	Year

Used in groups: [LegReturnRateDateGrp](#)

### **170.2.2391 LegReturnRateValuationStartDateRelativeTo**

Specifies the anchor date when the return rate valuation start date is relative to an anchor date.

See [http://www.fixtradingcommunity.org/codelists#Relative\\_To\\_Date](http://www.fixtradingcommunity.org/codelists#Relative_To_Date) for values.

Type: [int](#)

Used in groups: [LegReturnRateDateGrp](#)

### **170.2.2392 LegReturnRateValuationStartDateUnadjusted**

The unadjusted start date for return rate valuation. This can be used to restrict the range of dates when they are relative.

Type: [LocalMktDate](#)

Used in groups: [LegReturnRateDateGrp](#)

### **170.2.2393 LegReturnRateValuationTime**

The time at which the calculation agent values the underlying asset.

Type: [LocalMktTime](#)

Used in groups: [LegReturnRateGrp](#)

**170.2.2394 LegReturnRateValuationTimeBusinessCenter**

The business center calendar used for adjustments associated with LegReturnRateValuationTimeType(42555) or LegReturnRateValuationTime(42556), e.g. "GBLO".

See <http://www.fpml.org/coding-scheme/business-center> for standard 4-character code values.

Type: **String**

Used in groups: **LegReturnRateGrp**

**170.2.2395 LegReturnRateValuationTimeType**

Specifies the timing at which the calculation agent values the underlying.

Type: **int**

Allowed values in ReturnRateQuoteTimeTypeCodeSet:

Code	Name	Description
0	Open	Open. The official opening time of the exchange on valuation date.
1	OfficialSettlPx	Official settlement price time. The time at which the official settlement price is determined.
2	Xetra	XETRA. The time at which the official settlement price (following the auction by the exchange) is determined by the exchange.
3	Close	Close. The official closing time of the exchange on valuation date.
4	DerivativesClose	Derivatives close. The official closing time for derivative trading of the exchange on valuation date.
5	High	High. The high price for the day.
6	Low	Low. The low price for the day.
7	AsSpecifiedInMasterConfirmation	As specified in the master confirmation

Used in groups: **LegReturnRateGrp**

**170.2.2396 LegReturnTrigger**

Indicates the type of return or payout trigger for the swap or forward.

Type: **int**

Allowed values in ReturnTriggerCodeSet:

Code	Name	Description
1	Dividend	Dividend
2	Variance	Variance
3	Volatility	Volatility
4	TotalReturn	Total return
5	ContractForDifference	Contract for difference
6	CreditDefault	Credit default
7	SpreadBet	Spread bet
8	Price	Price
9	ForwardPriceUnderlyingInstrument	Forward price of underlying instrument
99	Other	Other

Used in components: [InstrumentLeg](#)

#### 170.2.2397 LegSecAltIDGrp

Name	Mult.	Type	Description
NoLegSecurityAltID	[1..1]	NumInGroup	
LegSecurityAltID	[0..1]	String	
LegSecurityAltIDSource	[0..1]	CodeSet	
LegSymbolPositionNumber	[0..1]	int	

Used in components: [InstrumentLeg](#)

#### 170.2.2398 LegSecondaryAssetClass

The broad asset category for assessing risk exposure for a multi-asset trade.

Type: [int](#)

Allowed values in AssetClassCodeSet:



Code	Name	Description
1	InterestRate	Interest rate
2	Currency	Currency
3	Credit	Credit
4	Equity	Equity
5	Commodity	Commodity
6	Other	Other
7	Cash	Cash
8	Debt	Debt
9	Fund	Fund. Such as mutual fund, collective investment vehicle, investment program, specialized account program.
10	LoanFacility	Loan facility
11	Index	Index. A main index identified as a security type, for example under EU SFTR reporting.

Used in groups: [LegSecondaryAssetGrp](#)

### 170.2.2399 LegSecondaryAssetGrp

LegSecondaryAssetGrp is a repeating subcomponent of the InstrumentLeg component used to specify secondary assets of a multi-asset swap.

Name	Mult.	Type	Description
<a href="#">NoLegSecondaryAssetClasses</a>	[1..1]	NumInGroup	
<a href="#">LegSecondaryAssetClass</a>	[0..1]	CodeSet	Required if NoLegSecondaryAssetClasses(2076) > 0.
<a href="#">LegSecondaryAssetSubClass</a>	[0..1]	CodeSet	Required if LegSecondaryAssetType(2079) is specified.
<a href="#">LegSecondaryAssetType</a>	[0..1]	String	Required if LegSecondaryAssetSubType(2743) is specified.
<a href="#">LegSecondaryAssetSubType</a>	[0..1]	String	

Used in components: [InstrumentLeg](#)

**170.2.2400 LegSecondaryAssetSubClass**

An indication of the general description of the asset class.

Type: **int**

Allowed values in AssetSubClassCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
1	SingleCurrency	Single currency
2	CrossCurrency	Cross currency
3	Basket	Basket [for multi-currency]
4	SingleName	Single name
5	CreditIndex	Credit index
6	IndexTranche	Index tranche
7	CreditBasket	Credit basket
8	Exotic	Exotic
9	Common	Common
10	Preferred	Preferred
11	EquityIndex	Equity index
12	EquityBasket	Equity basket
13	Metals	Metals
14	Bullion	Bullion
15	Energy	Energy
16	CommodityIndex	Commodity index
17	Agricultural	Agricultural
18	Environmental	Environmental
19	Freight	Freight
20	Government	Government
21	Agency	Agency
22	Corporate	Corporate
23	Financing	Financing
24	MoneyMarket	Money market
25	Mortgage	Mortgage
26	Municipal	Municipal
27	MutualFund	Mutual fund
28	CollectiveInvestmentVehicle	Collective investment vehicle

---

Code	Name	Description
29	InvestmentProgram	Investment program. A generalized fund for major investors.
30	SpecializedAccountProgram	Specialized account program. A specialized fund setup for a particular account or group of accounts.
31	TermLoan	Term loan
32	BridgeLoan	Bridge loan
33	LetterOfCredit	Letter of credit
34	DividendIndex	Dividend index
35	StockDividend	Stock dividend
36	ExchangeTradedFund	Exchange traded fund
37	VolatilityIndex	Volatility index
38	FXCrossRates	FX cross rates
39	FXEmergingMarkets	FX emerging markets
40	FXMajors	FX Majors
41	Fertilizer	Fertilizer
42	IndustrialProduct	Industrial product
43	Inflation	Inflation
44	Paper	Paper
45	Polypropylene	Polypropylene
46	OfficialEconomicStatistics	Official economic statistics
47	OtherC10	Other C10. Defined under MiFID II (Directive 2014/65/EU) Section C(10) of Annex I and paraphrased in ESMA RTS 2 Annex III Section 10, "Other C10" is a financial instrument "which is not a 'Freight derivative', any of the following interest rate derivatives sub-asset classes: 'Inflation multi-currency swap or cross-currency swap', a 'Future/forward on inflation multi-currency swaps or cross-currency swaps', an 'Inflation single currency swap', a 'Future/forward on inflation single currency swap', a 'Future/forward on inflation single currency swap' and any of the following equity derivatives sub-asset classes: a 'Volatility index option', a 'Volatility index future/forward', a swap with parameter return variance, a swap with parameter return volatility, a portfolio swap with parameter return variance, a portfolio swap with parameter return volatility".
48	Other	Other. May be used with any AssetClass(1938) values.

Used in groups: [LegSecondaryAssetGrp](#)

#### **170.2.2401 LegSecondaryAssetSubType**

Used to provide a more specific description of the asset specified in LegSecondaryAssetType(2079).

See <https://www.fixtrading.org/codelists/AssetSubType> for code list of applicable values.

Type: **String**

Used in groups: **LegSecondaryAssetGrp**

#### **170.2.2402 LegSecondaryAssetType**

Used to provide more specific description of the asset specified in LegSecondaryAssetSub-Class(2078).

See <https://www.fixtrading.org/codelists/AssetType> for code list of applicable values. ISO 4721 Currency Code values are to be used when specific currency as an asset type is to be expressed.

Other values may be used by mutual agreement of the counterparties.

Type: **String**

Used in groups: **LegSecondaryAssetGrp**

#### **170.2.2403 LegSecurityAltID**

Multileg instrument's individual security's SecurityAltID.

See SecurityAltID (455) field for description

Type: **String**

Used in groups: **LegSecAltIDGrp**

#### **170.2.2404 LegSecurityAltIDSource**

Alternate identifier for individual leg security of a multileg instrument.

See SecurityAltIDSource(456) field for complete definition.

Type: **String**

Allowed values in SecurityIDSourceCodeSet:

<b>Code</b>	<b>Name</b>	<b>Description</b>
1	CUSIP	CUSIP
2	SEDOL	SEDOL
3	QUIK	QUIK
4	ISINNumber	ISIN
5	RICCode	RIC
6	ISOCurrencyCode	ISO Currency Code (ISO 4217)
7	ISOCountryCode	ISO Country Code
8	ExchangeSymbol	Exchange symbol
9	ConsolidatedTapeAssociation	Consolidated Tape Association (CTA) Symbol (SIAC CTS/CQS line format)
A	BloombergSymbol	Bloomberg Symbol
B	Wertpapier	Wertpapier
C	Dutch	Dutch
D	Valoren	Valoren
E	Sicovam	Sicovam
F	Belgian	Belgian
G	Common	"Common" (Clearstream and Euroclear)
H	ClearingHouse	Clearing house / Clearing organization
I	ISDAFpMLSpecification	ISDA/FpML product specification (XML in SecurityXML(1185))
J	OptionPriceReportingAuthority	Option Price Reporting Authority
K	ISDAFpMLURL	ISDA/FpML product URL (URL in SecurityID(48))
L	LetterOfCredit	Letter of credit
M	MarketplaceAssignedIdentifier	Marketplace-assigned Identifier
N	MarkitREDEntityCLIP	Markit RED entity CLIP
P	MarkitREDPairCLIP	Markit RED pair CLIP
Q	CFTCCommodityCode	CFTC commodity code
R	ISDACommodityReferencePrice	ISDA Commodity Reference Price
S	FinancialInstrumentGlobalIdentifier	Financial Instrument Global Identifier. An Object Management Group (OMG) standard. Also referred to as FIGI. Formerly known as "Bloomberg Open Symbology BBGID".
T	LegalEntityIdentifier	Legal entity identifier
U	Synthetic	Synthetic. Used to specify that the security identifier is synthetic for linking nested underliers when there is no market identifier for the collection.
V	FidessaInstrumentMnemonic	Fidessa Instrument Mnemonic (FIM)

Code	Name	Description
W	IndexName	Index name. Standard name of the index or rate index, e.g. "LIBOR" or "iTraxx Australia".
X	UniformSymbol	Uniform Symbol (UMTF Symbol)
Y	DigitalTokenIdentifier	Digital Token Identifier (ISO 24165)

Used in groups: [LegSecAltIDGrp](#)

#### **170.2.2405 LegSecurityDesc**

Description of a multileg instrument.

Can be used by the venue or one of the trading parties to provide an optional non-normative textual description of the financial instrument.

Type: [String](#)

Used in components: [InstrumentLeg](#)

#### **170.2.2406 LegSecurityExchange**

Multileg instrument's individual security's SecurityExchange.

See SecurityExchange (207) field for description

Type: [Exchange](#)

Used in components: [InstrumentLeg](#)

#### **170.2.2407 LegSecurityGroup**

Represents the product group of a leg. This is useful in conveying multi-leg instruments where the legs may participate in separate security groups.

Type: [String](#)

Used in components: [InstrumentLeg](#)

**170.2.2408 LegSecurityID**

Multileg instrument's individual security's SecurityID.

See SecurityID (48) field for description

Type: **String**

Used in components: **InstrumentLeg**

**170.2.2409 LegSecurityIDSource**

Multileg instrument's individual security's SecurityIDSource.

See SecurityIDSource (22) field for description

Type: **String**

Allowed values in SecurityIDSourceCodeSet:

<b>Code</b>	<b>Name</b>	<b>Description</b>
1	CUSIP	CUSIP
2	SEDOL	SEDOL
3	QUIK	QUIK
4	ISINNumber	ISIN
5	RICCode	RIC
6	ISOCurrencyCode	ISO Currency Code (ISO 4217)
7	ISOCountryCode	ISO Country Code
8	ExchangeSymbol	Exchange symbol
9	ConsolidatedTapeAssociation	Consolidated Tape Association (CTA) Symbol (SIAC CTS/CQS line format)
A	BloombergSymbol	Bloomberg Symbol
B	Wertpapier	Wertpapier
C	Dutch	Dutch
D	Valoren	Valoren
E	Sicovam	Sicovam
F	Belgian	Belgian
G	Common	"Common" (Clearstream and Euroclear)
H	ClearingHouse	Clearing house / Clearing organization
I	ISDAFpMLSpecification	ISDA/FpML product specification (XML in SecurityXML(1185))

Code	Name	Description
J	OptionPriceReportingAuthority	Option Price Reporting Authority
K	ISDAFpMLURL	ISDA/FpML product URL (URL in SecurityID(48))
L	LetterOfCredit	Letter of credit
M	MarketplaceAssignedIdentifier	Marketplace-assigned Identifier
N	MarkitREDEntityCLIP	Markit RED entity CLIP
P	MarkitREDPairCLIP	Markit RED pair CLIP
Q	CFTCCommodityCode	CFTC commodity code
R	ISDACommodityReferencePrice	ISDA Commodity Reference Price
S	FinancialInstrumentGlobalIdentifier	Financial Instrument Global Identifier. An Object Management Group (OMG) standard. Also referred to as FIGI. Formerly known as "Bloomberg Open Symbology BBGID".
T	LegalEntityIdentifier	Legal entity identifier
U	Synthetic	Synthetic. Used to specify that the security identifier is synthetic for linking nested underliers when there is no market identifier for the collection.
V	FidessaInstrumentMnemonic	Fidessa Instrument Mnemonic (FIM)
W	IndexName	Index name. Standard name of the index or rate index, e.g. "LIBOR" or "iTraxx Australia".
X	UniformSymbol	Uniform Symbol (UMTF Symbol)
Y	DigitalTokenIdentifier	Digital Token Identifier (ISO 24165)

Used in components: [InstrumentLeg](#)

### 170.2.2410 LegSecurityStatus

Indicates the current state of the leg instrument.

Type: [String](#)

Allowed values in SecurityStatusCodeSet:

Code	Name	Description
1	Active	Active. Instrument is active, i.e. trading is possible.
2	Inactive	Inactive. Instrument has previously been active and is now no longer traded but has not expired yet. The instrument may become active again.



Code	Name	Description
3	ActiveClosingOrdersOnly	Active, closing orders only. Instrument is active but only orders closing positions (reducing risk) are allowed.
4	Expired	Expired. Instrument has expired. E.g. An instrument may expire due to reaching maturity or expired based on contract definitions or exchange rules.
5	Delisted	Delisted. Instrument has been removed from securities reference data. Delisting rules varies from exchange to exchange, which may include non-compliance of capitalization, revenue, consecutive minimum closing price. The instrument may become listed again once the instrument is back in compliance. A delisted instrument would not trade on the exchange but it may still be traded over-the-counter (e.g. OTCBB) or on Pink Sheets, or other similar trading service.
6	KnockedOut	Knocked-out. Instrument has breached a pre-defined price threshold.
7	KnockOutRevoked	Knock-out revoked. Instrument reinstated, i.e. threshold has not been breached.
8	PendingExpiry	Pending Expiry. Instrument is currently still active but will expire after the current business day. For example, a contract that expires intra-day (e.g. at noon time) and is no longer tradeable but will still show up in the current day's order book with related statistics.
9	Suspended	Suspended. Instrument has been temporarily disabled for trading (i.e. halted).
10	Published	Published. Instrument information is provided prior to its first activation.
11	PendingDeletion	Pending Deletion. Instrument is awaiting deletion from security reference data.

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Used in components: [InstrumentLeg](#)

#### **170.2.2411 LegSecuritySubType**

SecuritySubType of the leg instrument.

See SecuritySubType (762) field for description

Type: [String](#)

Used in components: [InstrumentLeg](#)

**170.2.2412 LegSecurityType**

Refer to definition of SecurityType(167)

Type: **String**

Allowed values in SecurityTypeCodeSet:

<b>Code</b>	<b>Name</b>	<b>Description</b>
ABS	AssetBackedSecurities	Asset-backed Securities
AN	OtherAnticipationNotes	Other Anticipation Notes (BAN, GAN, etc.)
BA	BankersAcceptance	Bankers Acceptance
BRADY	BradyBond	Brady Bond
CORP	CorporateBond	Corporate Bond
CS	CommonStock	Common Stock
EUSUPRA	EuroSupranationalCoupons	Euro Supranational Coupons. Identify the issuer name in Issuer(106).
FOR	ForeignExchangeContract	Foreign Exchange Contract
MF	MutualFund	Mutual Fund
REPO	Repurchase	Repurchase
TERM	TermLoan	Term Loan
BDN	BankDepositoryNote	Bank Depository Note
CAN	CanadianTreasuryNotes	Canadian Treasury Notes
CAP	Cap	Cap. In an interest rate cap, the buyer receives payments at the end of each period in which the rate indec exceeds the agreed strike rate.
CMB	CanadianMortgageBonds	Canadian Mortgage Bonds
COFO	CertificateOfObligation	Certificate Of Obligation
CPP	CorporatePrivatePlacement	Corporate Private Placement
FAC	FederalAgencyCoupon	Federal Agency Coupon
FORWARD	Forward	Forward
FXNDF	NonDeliverableForward	Non-deliverable forward
MLEG	MultilegInstrument	Multileg Instrument
PS	PreferredStock	Preferred Stock
RVLV	RevolverLoan	Revolver Loan
BN	BankNotes	Bank Notes
BUYSELL	BuySellback	Buy Sellback
CB	ConvertibleBond	Convertible Bond

<b>Code</b>	<b>Name</b>	<b>Description</b>
CDS	CreditDefaultSwap	Credit Default Swap
CMBS	Corp	Corp. Mortgage-backed Securities
COFP	CertificateOfParticipation	Certificate Of Participation
CTB	CanadianTreasuryBills	Canadian Treasury Bills
DR	DepositoryReceipts	Depository Receipts
FADN	FederalAgencyDiscountNote	Federal Agency Discount Note
FXSPOT	FXSpot	FX Spot
NONE	NoSecurityType	No Security Type
RVLVTRM	Revolver	Revolver/Term Loan
BOX	BillOfExchanges	Bill Of Exchanges
BRIDGE	BridgeLoan	Bridge Loan
CLLR	Collar	Collar. In an interest rate collar, this is a combination of a cap and a floor.
CMO	CollateralizedMortgageObligation	Collateralized Mortgage Obligation
DUAL	DualCurrency	Dual Currency
EUSOV	EuroSovereigns	Euro Sovereigns. Identify the issuer name in Issuer(106).
FXFWD	FXForward	FX Forward
GO	GeneralObligationBonds	General Obligation Bonds
PEF	PrivateExportFunding	Private Export Funding. Identify the issuer name in Issuer(106).
SECLOAN	SecuritiesLoan	Securities Loan
UST	USTreasuryNoteOld	US Treasury Note (Deprecated Value Use TNOTE)
CAMM	CanadianMoneyMarkets	Canadian Money Markets
CMDTYSWAP	CommoditySwap	Commodity swap
EUCORP	EuroCorporateBond	Euro Corporate Bond
FXSWAP	FXSwap	FX Swap
IET	IOETTEMortgage	IOETTE Mortgage
LOFC	LetterOfCredit	Letter Of Credit
MT	MandatoryTender	Mandatory Tender
PROV	CanadianProvincialBonds	Canadian Provincial Bonds
SECPLEDGE	SecuritiesPledge	Securities Pledge
SUPRA	USDSupranationalCoupons	USD Supranational Coupons. Identify the issuer name in Issuer(106).
USTB	USTreasuryBillOld	US Treasury Bill (Deprecated Value Use TBILL)
?	Wildcard	Wildcard entry for use on Security Definition Request
CD	CertificateOfDeposit	Certificate Of Deposit

<b>Code</b>	<b>Name</b>	<b>Description</b>
DVPLDG	DeliveryVersusPledge	Delivery versus pledge
EUFRN	EuroCorporateFloatingRateNotes	Euro Corporate Floating Rate Notes
EXOTIC	Exotic	Exotic
FXNDS	NonDeliverableSwap	Non-deliverable Swap
MBS	MortgageBackedSecurities	Mortgage-backed Securities
RAN	RevenueAnticipationNote	Revenue Anticipation Note
SWING	SwingLineFacility	Swing Line Facility
TB	TreasuryBill	Treasury Bill - non US
CASH	Cash	Cash
CL	CallLoans	Call Loans
COLLBSKT	CollateralBasket	Collateral basket. A collection of securities held as collateral in the customer's collateral fund. The collateral fund is usually managed by a custodian.
DINP	DebtorInPossession	Debtor In Possession
FLR	Floor	Floor. In an interest rate floor, the buyer receives payments at the end of each period in which the rate index is below the agreed strike rate.
FRN	USCorporateFloatingRateNotes	US Corporate Floating Rate Notes
FXBN	FXBankNote	FX Bank Note
MIO	MortgageInterestOnly	Mortgage Interest Only
OOO	OptionsOnCombo	Options on Combo
REV	RevenueBonds	Revenue Bonds
TBOND	USTreasuryBond	US Treasury Bond
CP	CommercialPaper	Commercial Paper
DEFLTED	Defaulted	Defaulted
FRA	FRA	Forward Rate Agreement
FXDN	ForeignCurrencyDiscountNote	Foreign Currency Discount Note. Discount notes issued in foreign currency by Fannie Mae.
MPO	MortgagePrincipalOnly	Mortgage Principal Only
Other	Other	Other
SFP	StructuredFinanceProduct	Structured finance product
SPCLA	SpecialAssessment	Special Assessment
TINT	InterestStripFromAnyBondOrNote	Interest Strip From Any Bond Or Note
XLINKD	IndexedLinked	Indexed Linked
DN	DepositNotes	Deposit Notes

<b>Code</b>	<b>Name</b>	<b>Description</b>
ETN	ExchangeTradedNote	Exchange traded note
FUT	Future	Future
MPP	MortgagePrivatePlacement	Mortgage Private Placement
SPCLO	SpecialObligation	Special Obligation
STRUCT	StructuredNotes	Structured Notes
TBILL	USTreasuryBill	US Treasury Bill
TIPS	TreasuryInflationProtectedSecurities	Treasury Inflation Protected Securities
WITHDRN	Withdrawn	Withdrawn
EUCD	EuroCertificateOfDeposit	Euro Certificate Of Deposit
FWD	DerivativeForward	Derivative forward
MPT	MiscellaneousPassThrough	Miscellaneous Pass-through
MRGNLOAN	MarginLoan	Margin loan
REPLACD	Replaced	Replaced
SPCLT	SpecialTax	Special Tax
TCAL	PrincipalStripOfACallableBondOrNote	Principal Strip Of A Callable Bond Or Note
YANK	YankeeCorporateBond	Yankee Corporate Bond
DIMSUMCORP	OffshoreIssuedChineseYuanCorporateBond	Offshore issued Chinese Yuan (CNY) denominated corporate bond
EUCP	EuroCommercialPaper	Euro Commercial Paper
IRS	InterestRateSwap	Interest Rate Swap
MATURED	Matured	Matured
PFAND	Pfandbrief	Pfandbrief. Identify the issuer name in Issuer(106).
SECDERIV	SecuritizedDerivative	Securitized derivative
TAN	TaxAnticipationNote	Tax Anticipation Note
TPRN	PrincipalStripFromANonCallableBondOrNote	Principal Strip From A Non-Callable Bond Or Note
TRS	TotalReturnSwap	Total return swap
AMENDED	Amended	Amended and restated
ETF	ExchangeTradedFund	Exchange Traded Fund
LOANLEASE	LoanLease	Loan/lease
LQN	LiquidityNote	Liquidity Note
PRCORP	PreferredCorporateBond	Preferred Corporate Bond
TAXA	TaxAllocation	Tax Allocation
TBA	ToBeAnnounced	To Be Announced

<b>Code</b>	<b>Name</b>	<b>Description</b>
TNOTE	USTreasuryNote	US Treasury Note
DIGITAL	DigitalAsset	Digital Asset. Asset that exists only in digital form or which is the digital representation of another asset (Source: ISO 24165 - Terms and Definitions).
DIMSUMSOV	OffshoreIssuedChineseYuanSovereignBond	Offshore issued Chinese Yuan (CNY) denominated sovereign bond
MTN	MediumTermNotes	Medium Term Notes
RETIRED	Retired	Retired
TECP	TaxExemptCommercialPaper	Tax Exempt Commercial Paper
ONITE	Overnight	Overnight
OOF	OptionsOnFutures	Options on Futures
SOV	SovereignBond	Sovereign Bond. Sovereign or government bond other than Euro and US issuer. Specify sovereign issuer in Issuer(106).
TMCP	TaxableMunicipalCP	Taxable Municipal CP
OOP	OptionsOnPhysical	Options on Physical - use not recommended
PN	PromissoryNote	Promissory Note
STN	ShortTermLoanNote	Short Term Loan Note
TFRN	USTreasuryFloatingRateNote	US Treasury Floating Rate Note
TRAN	TaxRevenueAnticipationNote	Tax Revenue Anticipation Note
OPT	Option	Option
PZFJ	PlazosFijos	Plazos Fijos
VRDN	VariableRateDemandNote	Variable Rate Demand Note
SLQN	SecuredLiquidityNote	Secured Liquidity Note
SPOTFWD	SpotForward	Spot forward
WAR	Warrant	Warrant
MCPIB	MunicipalInterestBearingCommercialPaper	Municipal Interest Bearing Commercial Paper
SWAPTION	SwapOption	Swap option
TD	TimeDeposit	Time Deposit
TMB	TaxableMunicipalBond	Taxable Municipal Bond
XMISSION	Transmission	Transmission
INDEX	Index	General type for a contract based on an established index
TLQN	TermLiquidityNote	Term Liquidity Note
VRDO	VariableRateDemandObligation	Variable Rate Demand Obligation
BDBSKT	BondBasket	Bond basket

<b>Code</b>	<b>Name</b>	<b>Description</b>
XCN	ExtendedCommNote	Extended Comm Note
CFD	ContractForDifference	Contract for difference
YCD	YankeeCertificateOfDeposit	Yankee Certificate Of Deposit
BAB	BankAcceptedBill	Bank Accepted Bill. Also known as Bank Bill.
CRLNSWAP	CorrelationSwap	Correlation swap
BNST	ShortTermBankNote	Short Term Bank Note
DVDNSWAP	DividendSwap	Dividend swap
CLCP	CallableCommercialPaper	Callable Commercial Paper
EQBSKT	EquityBasket	Equity basket
CN	CommercialNote	Commercial Note
EQFWD	EquityForward	Equity forward
CPIB	InterestBearingCommercialPaper	Interest Bearing Commercial Paper
RTRNSWAP	ReturnSwap	Return swap
EUMTN	EuroMediumTermNote	Euro Medium Term Note
VARSWAP	VarianceSwap	Variance swap
EUNCP	EuroNegotiableCommercialPaper	Euro Negotiable Commercial Paper
PRTFLIOSWAP	PortfolioSwaps	Portfolio swap
EUSTLQN	EuroStructuredLiquidityNote	Euro Structured Liquidity Note
FUTSWAP	FuturesOnASwap	Futures on a Swap
EUTD	EuroTimeDeposit	Euro Time Deposit
FWDSWAP	ForwardsOnASwap	Forwards on a Swap
FWDFRTAGMT	ForwardFreightAgreement	Forward Freight Agreement
JCD	JumboCertificateOfDeposit	Jumbo Certificate of Deposit
MMF	MoneyMarketFund	Money Market Fund
SPREADBET	SpreadBetting	Spread Betting
ETC	ExchangeTradedCommodity	Exchange traded commodity
MN	MasterNote	Master Note. Short term notes issued by Federal Farm Credit Banks Funding Corporation to provide loans and funding under Federal Farm Credit System (FFCS).
NCD	NegotiableCertificateOfDeposit	Negotiable Certificate of Deposit
NCP	NegotiableCommercialPaper	Negotiable Commercial Paper
RCD	RetailCertificateOfDeposit	Retail Certificate of Deposit
TDR	TermDepositReceipt	Term Deposit Receipt

Used in components: [InstrumentLeg](#)

### **170.2.2413 LegSecurityXML**

XML definition for the leg security.

Type: [XMLData](#)

Used in components: [LegSecurityXML](#)

### **170.2.2414 LegSecurityXML**

The LegSecurityXML component is used to provide a definition in an XML format for the leg instrument.

<b>Name</b>	<b>Mult.</b>	<b>Type</b>	<b>Description</b>
<a href="#">LegSecurityXMLLen</a>	[0..1]	Length	Must be provided if LegSecurityXML(1872) field is specified and must immediately precede it.
<a href="#">LegSecurityXML</a>	[0..1]	XMLData	
<a href="#">LegSecurityXMLSchema</a>	[0..1]	String	

Used in components: [InstrumentLeg](#)

### **170.2.2415 LegSecurityXMLLen**

The length of the LegSecurityXML(1872) data block.

Type: [Length](#)

Used in components: [LegSecurityXML](#)

### **170.2.2416 LegSecurityXMLSchema**

The schema used to validate the contents of LegSecurityXML(1872).

Type: [String](#)

Used in components: [LegSecurityXML](#)



**170.2.2417 LegSeniority**

Specifies which issue (underlying bond) will receive payment priority in the event of a default.

Used to define a CDS instrument.

Type: **String**

Allowed values in SeniorityCodeSet:

Code	Name	Description
SD	SeniorSecured	Senior Secured
SR	Senior	Senior
SB	Subordinated	Subordinated
JR	Junior	Junior. In the context of MiFID II this value is used as identified in RTS 23 Annex I Table 3 Field 23 "Seniority of the bond".
MZ	Mezzanine	Mezzanine. In the context of MiFID II this value is used as identified in RTS 23 Annex I Table 3 Field 23 "Seniority of the bond".
SN	SeniorNonPreferred	Senior Non-Preferred. For CDS reference obligations of non-preferred senior debt issued by European Financials that constitute a layer of debt ranking between the bank's normal senior debt but above the bank's normal tier 2 subordinated debt (reference: ISDA Credit Market Infrastructure Group).

Used in components: **InstrumentLeg**

**170.2.2418 LegSettlCurrency**

Identifies settlement currency for the Leg.

See SettlCurrency (20) for description and valid values

Type: **Currency**

Used in groups: **InstrmtLegExecGrp**, **LegOrdGrp**, **SideCrossLegGrp**, **TrdInstrmtLegExecGrp**, **TrdInstrmt-LegGrp**

**170.2.2419 LegSettlCurrencyCodeSource**

Identifies class or source of the LegSettlCurrency(675) value.

Type: **String**

Allowed values in CurrencyCodeSourceCodeSet:

---

Code	Name	Description
1	CUSIP	CUSIP
2	SEDOL	SEDOL
4	ISINNumber	ISIN
6	ISOCurrencyCode	ISO Currency Code (ISO 4217)
S	FinancialInstrumentGlobalIdentifier	Financial Instrument Global Identifier. An Object Management Group (OMG) standard. Also referred to as FIGI. Formerly known as "Bloomberg Open Symbolology BBGID".
Y	DigitalTokenIdentifier	Digital Token Identifier (ISO 24165)

---

Used in groups: **InstrmtLegExecGrp**, **LegOrdGrp**, **SideCrossLegGrp**, **TrdInstrmtLegExecGrp**, **TrdInstrmtLegGrp**

#### **170.2.2420 LegSettlDate**

Refer to description for SettlDate[64]

Type: **LocalMktDate**

Used in groups: **InstrmtLegExecGrp**, **LegOrdGrp**, **LegQuotGrp**, **LegQuotStatGrp**, **QuotReqLegsGrp**, **SideCrossLegGrp**, **TrdInstrmtLegGrp**

#### **170.2.2421 LegSettlDisruptionProvision**

Specifies the consequences of bullion settlement disruption events.

Type: **int**

Allowed values in SettlDisruptionProvisionCodeSet:

---

Code	Name	Description
1	Negotiation	Negotiation
2	Cancellation	Cancellation and payment

---

Used in components: **InstrumentLeg**

**170.2.2422 LegSettledEntityMatrixPublicationDate**

The publication date of the applicable version of the matrix. When this element is omitted, the Standard Terms Supplement defines rules for which version of the matrix is applicable.

Type: [LocalMktDate](#)

Used in components: [InstrumentLeg](#)

**170.2.2423 LegSettledEntityMatrixSource**

Relevant settled entity matrix source.

Type: [String](#)

Used in components: [InstrumentLeg](#)

**170.2.2424 LegSettleOnOpenFlag**

Indicator to determine if the instrument is to settle on open.

Type: [String](#)

Used in components: [InstrumentLeg](#)

**170.2.2425 LegSettlMethod**

Settlement method for a contract or instrument. Additional values may be used with bilateral agreement.

Type: [String](#)

Allowed values in [SettlMethodCodeSet](#):

---

Code	Name	Description
C	CashSettlementRequired	Cash settlement required
P	PhysicalSettlementRequired	Physical settlement required
E	Election	Election at exercise. The settlement method will be elected at the time of contract exercise.

---

Used in components: [InstrumentLeg](#)

**170.2.2426 LegSettlMethodElectingPartySide**

Side value of the party electing the settlement method.

Type: **int**

Allowed values in PaymentPaySideCodeSet:

Code	Name	Description
1	Buy	Buy
2	Sell	Sell

Used in components: **LegOptionExercise**

**170.2.2427 LegSettlMethodElectionDateAdjusted**

The adjusted settlement method election date.

Type: **LocalMktDate**

Used in components: **LegSettlMethodElectionDate**

**170.2.2428 LegSettlMethodElectionDateBusinessCenter**

The business center calendar used for date adjustment of the settlement method election unadjusted or relative date, e.g. "GBLO".

See <http://www.fpml.org/coding-scheme/business-center> for standard 4-character code values.

Type: **String**

Used in groups: **LegSettlMethodElectionDateBusinessCenterGrp**

**170.2.2429 LegSettlMethodElectionDateBusinessCenterGrp**

LegSettlMethodElectionDateBusinessCenterGrp is a repeating subcomponent within the LegSettlMethodElectionDate component. It is used to specify the set of business centers whose calendars drive the date adjustment. Used only to override the business centers defined in the LegDateAdjustment component in InstrumentLeg.

Name	Mult.	Type	Description
NoLegSettlMethodElectionDateBusinessCenters	[1..1]	NumInGroup	
LegSettlMethodElectionDateBusinessCenter	[0..1]	String	Required if NoLegSettlMethodElectionDateBusinessCenters(42581) > 0.

Used in components: [LegSettlMethodElectionDate](#)

### 170.2.2430 LegSettlMethodElectionDateBusinessDayConvention

The settlement method election date adjustment business day convention.

Type: [int](#)

Allowed values in BusinessDayConventionCodeSet:

Code	Name	Description
0	NotApplicable	Not applicable. Business day convention is not applicable.
1	None	None (current day)
2	FollowingDay	Following day. The following business day.
3	FloatingRateNote	Floating rate note. The FRN business day convention.
4	ModifiedFollowingDay	Modified following day. The modified following business day.
5	PrecedingDay	Preceding day. The preceding business day.
6	ModifiedPrecedingDay	Modified preceding day. The modified preceding business day.
7	NearestDay	Nearest day. The nearest applicable business day.

Used in components: [LegSettlMethodElectionDate](#)

### 170.2.2431 LegSettlMethodElectionDate

The LegSettlMethodElectionDate component is a subcomponent within the LegOptionExercise component used to report the settlement method election date.

Name	Mult.	Type	Description
LegSettlMethodElectionDateUnadjusted	[0..1]	LocalMktDate	

Name	Mult.	Type	Description
<a href="#">LegSettlMethodElectionDateBusiness-DayConvention</a>	[0..1]	CodeSet	When specified, this overrides the business day convention defined in the LegDateAdjustment component in InstrumentLeg. The specified value would be specific to LegOptionExercise.
<a href="#">LegSettlMethodElectionDateBusiness-CenterGrp</a>	[0..*]	Group	When specified, this overrides the business centers defined in the LegDateAdjustment component in InstrumentLeg. The specified values would be specific to LegOptionExercise.
<a href="#">LegSettlMethodElectionDateRelativeTo</a>	[0..1]	int	
<a href="#">LegSettlMethodElectionDateOffsetPeriod</a>	[0..1]	int	Conditionally required when LegSettlMethodElectionDateOffsetUnit(42578) is specified.
<a href="#">LegSettlMethodElectionDateOffsetUnit</a>	[0..1]	CodeSet	Conditionally required when LegSettlMethodElectionDateOffsetPeriod(42577) is specified.
<a href="#">LegSettlMethodElectionDateOffset-DayType</a>	[0..1]	CodeSet	
<a href="#">LegSettlMethodElectionDateAdjusted</a>	[0..1]	LocalMktDate	

Used in components: [LegOptionExercise](#)

### 170.2.2432 LegSettlMethodElectionDateOffsetDayType

Specifies the day type of the relative settlement method election date offset.

Type: [int](#)

Allowed values in PaymentStreamPaymentDateOffsetDayTypeCodeSet:

Code	Name	Description
0	Business	Business
1	Calendar	Calendar
2	CommodityBusiness	Commodity business
3	CurrencyBusiness	Currency business
4	ExchangeBusiness	Exchange business
5	ScheduledTradingDay	Scheduled trading day

Used in components: [LegSettlMethodElectionDate](#)

### **170.2.2433 LegSettlMethodElectionDateOffsetPeriod**

Time unit multiplier for the relative settlement method election date offset.

Type: [int](#)

Used in components: [LegSettlMethodElectionDate](#)

### **170.2.2434 LegSettlMethodElectionDateOffsetUnit**

Time unit associated with the relative settlement method election date offset.

Type: [String](#)

Allowed values in PaymentStreamPaymentDateOffsetUnitCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
D	Day	Day
Wk	Week	Week
Mo	Month	Month
Yr	Year	Year

---

Used in components: [LegSettlMethodElectionDate](#)

### **170.2.2435 LegSettlMethodElectionDateRelativeTo**

Specifies the anchor date when the settlement method election date is relative to an anchor date.

See [http://www.fixtradingcommunity.org/codelists#Relative\\_To\\_Date](http://www.fixtradingcommunity.org/codelists#Relative_To_Date) for values.

Type: [int](#)

Used in components: [LegSettlMethodElectionDate](#)

### **170.2.2436 LegSettlMethodElectionDateUnadjusted**

The unadjusted settlement method election date.

Type: [LocalMktDate](#)

Used in components: [LegSettlMethodElectionDate](#)

**170.2.2437 LegSettlRateDisruptionFallbackGrp**

The LegSettlRateDisruptionsFallbackGrp is a repeating subcomponent of the LegPaymentStreamNon-DeliverableSettlTerms component used to specify the method, prioritized by the order it is listed, to get a replacement rate for a disrupted settlement rate option for a non-deliverable settlement currency.

Name	Mult.	Type	Description
NoLegSettlRateFallbacks	[1..1]	NumInGroup	
LegSettlRatePostponementMaximum-Days	[0..1]	int	Required if NoLegSettlRateFallbacks(40902) > 0.
LegSettlRateFallbackRateSource	[0..1]	Component	
LegSettlRatePostponementSurvey	[0..1]	Boolean	
LegSettlRatePostponementCalculationAgent	[0..1]	CodeSet	

Used in components: [LegPaymentStreamNonDeliverableSettlTerms](#)

**170.2.2438 LegSettlRateFallbackRateSource**

Identifies the source of rate information.

Type: **int**

Allowed values in RateSourceCodeSet:

Code	Name	Description
0	Bloomberg	Bloomberg
1	Reuters	Reuters
2	Telerate	Telerate
3	ISDARateOption	ISDA Settlement Rate Option. The source of the currency conversion as specified by the ISDA terms in Annex A to the 1998 FX and Currency Option Definitions. See <a href="http://www.fpml.org/coding-scheme/settlement-rate-option">http://www.fpml.org/coding-scheme/settlement-rate-option</a>
99	Other	Other

Used in components: [LegSettlRateFallbackRateSource](#)



**170.2.2439 LegSettlRateFallbackRateSource**

LegSettlRateFallbackRateSource is a subcomponent of the LegSettlRateDisruptionFallbackGrp component used to specify the rate source in the event of rate disruption fallback.

Name	Mult.	Type	Description
LegSettlRateFallbackRateSource	[0..1]	CodeSet	
LegSettlRateFallbackReferencePage	[0..1]	String	Conditionally required when LegSettlRateFallbackRateSource(40366) = 3 (ISDA Settlement Rate Option) or 99 (Other).

Used in groups: [LegSettlRateDisruptionFallbackGrp](#)

**170.2.2440 LegSettlRateFallbackReferencePage**

Identifies the reference "page" from the rate source.

When LegSettlRateFallbackRateSource(40366) = 3 (ISDA Settlement Rate Option) this contains the value from the scheme that reflects the terms of the Annex A to the ISDA 1998 FX and Currency Option Definitions. See: <http://www.fpml.org/coding-scheme/settlement-rate-option>

Type: [String](#)

Used in components: [LegSettlRateFallbackRateSource](#)

**170.2.2441 LegSettlRateIndex**

In an outright or forward commodity trade that is cash settled this is the index used to determine the cash payment.

Type: [String](#)

Used in components: [InstrumentLeg](#)

**170.2.2442 LegSettlRateIndexLocation**

This is an optional qualifying attribute of LegSettlementRateIndex(2176) such as the delivery zone for an electricity contract.

Type: [String](#)

Used in components: [InstrumentLeg](#)

**170.2.2443 LegSettlRatePostponementCalculationAgent**

Used to identify the settlement rate postponement calculation agent.

Type: **int**

Allowed values in ProvisionCalculationAgentCodeSet:

Code	Name	Description
0	ExercisingParty	Exercising party
1	NonExercisingParty	Non-exercising party
2	MasterAgreement	As specified in the master agreement
3	Supplement	As specified in the standard terms supplement

Used in groups: **LegSettlRateDisruptionFallbackGrp**

**170.2.2444 LegSettlRatePostponementMaximumDays**

The maximum number of days to wait for a quote from the disrupted settlement rate option before proceeding to this method.

Type: **int**

Used in groups: **LegSettlRateDisruptionFallbackGrp**

**170.2.2445 LegSettlRatePostponementSurvey**

Indicates whether to request a settlement rate quote from the market.

Type: **Boolean**

Used in groups: **LegSettlRateDisruptionFallbackGrp**

**170.2.2446 LegSettlType**

Indicates order settlement period. If present, LegSettlDate (588) overrides this field. If both LegSettlType (587) and LegSettlDate (588) are omitted, the default for LegSettlType (587) is 0 (Regular)

Regular is defined as the default settlement period for the particular security on the exchange of execution.

In Fixed Income the contents of this field may influence the instrument definition if the LegSecurityID (602) is ambiguous. In the US an active Treasury offering may be re-opened, and for a time one CUSIP will apply to both the current and "when-issued" securities. Supplying a value of "7" clarifies the instrument description; any other value or the absence of this field should cause the respondent to default to the active issue.

Additionally the following patterns may be used as well as enum values

Dx = FX tenor expression for "days", e.g. "D5", where "x" is any integer > 0

Mx = FX tenor expression for "months", e.g. "M3", where "x" is any integer > 0

Wx = FX tenor expression for "weeks", e.g. "W13", where "x" is any integer > 0

Yx = FX tenor expression for "years", e.g. "Y1", where "x" is any integer > 0.

Note that for FX the tenors expressed using Dx, Mx, Wx, and Yx values do not denote business days, but calendar days.

Type: **String**

Allowed values in SettlTypeCodeSet:

Code	Name	Description
0	Regular	Regular / FX Spot settlement (T+1 or T+2 depending on currency)
1	Cash	Cash (TOD / T+0)
2	NextDay	Next Day (TOM / T+1)
3	TPlus2	T+2
4	TPlus3	T+3
5	TPlus4	T+4
6	Future	Future
7	WhenAndIfIssued	When And If Issued
8	SellersOption	Sellers Option
9	TPlus5	T+5
B	BrokenDate	Broken date. Use within FX to specify a non-standard tenor. The use of SettlDate(64) is required to specify the actual settlement date when SettlType(63) = B (Broken date).
C	FXSpotNextSettlement	FX Spot Next settlement (Spot+1, aka next day)

Used in groups: **InstrmtLegExecGrp**, **InstrmtLegSecListGrp**, **LegOrdGrp**, **LegQuotGrp**, **LegQuotStatGrp**, **QuotReqLegsGrp**, **SecLstUpdRelSymsLegGrp**, **SideCrossLegGrp**, **TrdInstrmtLegGrp**

**170.2.2447 LegShortSaleExemptionReason**

Indicates the reason a short sale is exempted from applicable regulation (e.g. Reg SHO addendum (b)(1) in the U.S.)

Type: **int**

Allowed values in ShortSaleExemptionReasonCodeSet:

Code	Name	Description
0	ExemptionReasonUnknown	Exemption reason unknown. An exemption reason not provided or received.
1	IncomingSSE	Income sell short exempt. Agency broker has the customer's exemption reason, which is not explicitly provided to executing broker.
2	AboveNationalBestBid	Above national best bid (broker/dealer provision). Broker / dealer responsible for enforcing exemption rule has determined that the order is priced one or more ticks above the nation best bid of the security to be traded.
3	DelayedDelivery	Delayed delivery. The broker-dealer has a reasonable basis to believe the seller owns the covered security (pursuant to Rule 200 in the U.S.), but is subject to restrictions on delivery, provided that the seller intends to deliver the security as soon as all restrictions on delivery have been removed.
4	OddLot	Odd lot. The broker-dealer has a reasonable basis to believe the sale is by a market maker to offset customer odd-lot orders or to liquidate an odd-lot position that changes such broker's or dealer's position by no more than a unit of trading.
5	DomesticArbitrage	Domestic arbitrage. The sale is connected to a bona-fide domestic arbitrage transaction.
6	InternationalArbitrage	International arbitrage. The sale is connected to an international arbitrage transaction.
7	UnderwriterOrSyndicateDistribution	Underwriter or syndicate distribution. The short sale is (i) by an underwriter or member of a syndicate or group participating in the distribution of a security in connection with an over-allotment of securities; or (ii) is for purposes of a lay-off sale by an underwriter or member of a syndicate or group in connection with a distribution of securities through a rights or standby underwriting commitment.
8	RisklessPrincipal	Riskless principal. The short sale is by a broker or dealer effecting the execution of a customer purchase or the execution of a customer "long" sale on a riskless principal basis.

---

Code	Name	Description
9	VWAP	VWAP. The short sale order is for the sale of a covered security at the volume weighted average price (VWAP) meeting certain criteria.

---

Used in groups: [InstrmtLegExecGrp](#), [LegOrdGrp](#), [SideCrossLegGrp](#), [TrdInstrmtLegExecGrp](#), [TrdInstrmtLegGrp](#)

### 170.2.2448 LegShortSaleRestriction

Indicates whether a restriction applies to short selling a security.

Type: [int](#)

Allowed values in ShortSaleRestrictionCodeSet:

---

Code	Name	Description
0	NoRestrictions	No restrictions
1	SecurityNotShortable	Security is not shortable
2	SecurityNotShortableAtOrBelowBestBid	Security not shortable at or below the best bid
3	SecurityNotShortableWithoutPreBorrow	Security is not shortable without pre-borrow

---

Used in components: [InstrumentLeg](#)

### 170.2.2449 LegSide

The side of this individual leg (multileg security).

See Side (54) field for description and values

Type: [char](#)

Allowed values in SideCodeSet:

Code	Name	Description
1	Buy	Buy. For Securities Financing indicates the receipt of securities or collateral.
2	Sell	Sell. For Securities Financing indicates the delivery of securities or collateral.
3	BuyMinus	Buy minus
4	SellPlus	Sell plus
5	SellShort	Sell short
6	SellShortExempt	Sell short exempt
7	Undisclosed	Undisclosed
8	Cross	Cross (orders where counterparty is an exchange, valid for all messages except IOIs)
9	CrossShort	Cross short
A	CrossShortExempt	Cross short exempt
B	AsDefined	"As Defined" (for use with multileg instruments)
C	Opposite	"Opposite" (for use with multileg instruments)
D	Subscribe	Subscribe (e.g. CIV)
E	Redeem	Redeem (e.g. CIV)
F	Lend	Lend (FINANCING - identifies direction of collateral)
G	Borrow	Borrow (FINANCING - identifies direction of collateral)
H	SellUndisclosed	Sell undisclosed. In the context of ESMA RTS 22, this allows for reporting of transactions where the investment firm (broker) is not able to determine whether the sell is a short sale transaction. Corresponds to RTS 22 "short selling indicator" value of 'UNDI'.

Used in components: [InstrumentLeg](#)

### 170.2.2450 LegSpecialDividendsIndicator

Indicates whether special dividends are applicable.

Type: [Boolean](#)

Used in components: [LegDividendConditions](#)

**170.2.2451 LegStartDate**

Start date of a financing deal, i.e. the date the buyer pays the seller cash and takes control of the collateral.

Type: [LocalMktDate](#)

Used in components: [LegFinancingDetails](#)

**170.2.2452 LegStateOrProvinceOfIssue**

Multileg instrument's individual leg security's StateOrProvinceOfIssue.

See StateOrProvinceOfIssue (471) field for description

Type: [String](#)

Used in components: [InstrumentLeg](#)

**170.2.2453 LegStipulations**

The LegStipulations component block has the same usage as the Stipulations component block, but for a leg instrument in a multi-legged security.

---

Name	Mult.	Type	Description
<a href="#">NoLegStipulations</a>	[1..1]	NumInGroup	
<a href="#">LegStipulationType</a>	[0..1]	CodeSet	Required if NoLegStipulations >0
<a href="#">LegStipulationValue</a>	[0..1]	String	

---

Used in groups: [InstrmtLegExecGrp](#), [InstrmtLegIOIGrp](#), [InstrmtLegSecListGrp](#), [LegOrdGrp](#), [LegQuotGrp](#), [LegQuotStatGrp](#), [QuotReqLegsGrp](#), [SecLstUpdRelSymsLegGrp](#), [SideCrossLegGrp](#), [TrdInstrmtLegGrp](#)

**170.2.2454 LegStipulationType**

For Fixed Income, type of Stipulation for this leg.

See StipulationType (233) for description and valid values

Type: [String](#)

Allowed values in StipulationTypeCodeSet:

<b>Code</b>	<b>Name</b>	<b>Description</b>
ABS	AbsolutePrepaymentSpeed	Absolute Prepayment Speed
AMT	AlternativeMinimumTax	Alternative Minimum Tax (Y/N)
INCURRCVY	IncurredRecovery	Incurred recovery (Y/N). Specifies whether incurred recovery is applicable (Y) or not (N). Outstanding Swap Notional Amount is defined at any time on any day, as the greater of: (a) Zero; If Incurred Recovery Amount Applicable: (b) The Original Swap Notional Amount minus the sum of all Incurred Loss Amounts and all Incurred Recovery Amounts (if any) determined under this Confirmation at or prior to such time. Incurred Recovery Amount not populated: (b) The Original Swap Notional Amount minus the sum of all Incurred Loss Amounts determined under this Confirmation at or prior to such time. 2009 CDX Tranche Terms.
ADDTRM	AdditionalTerm	Additional term. Used for representing information contained in the Additional Terms field of the 2003 Master Credit Derivatives confirm.
AUTOREINV	AutoReinvestment	Auto Reinvestment at <rate> or better
CPP	ConstantPrepaymentPenalty	Constant Prepayment Penalty
BANKQUAL	BankQualified	Bank qualified (Y/N)
CPR	ConstantPrepaymentRate	Constant Prepayment Rate
MODEQTYDLVY	ModifiedEquityDelivery	Modified equity delivery. Indicates whether delivery of selected obligations having an amount greater than the reference entity notional amount is allowed (Y) or (N). 2005 iTraxx tranching Transactions Standard Terms Supplement.
BGNCON	BargainConditions	Bargain conditions (see StipulationValue (234) for values)
CPY	ConstantPrepaymentYield	Constant Prepayment Yield
NOREFOBLIG	NoReferenceObligation	No reference obligation (Y/N). When specified as "Y" this indicates that there is no Reference Obligation associated with this Credit Default Swap and that there will never be one. 2003 ISDA Credit Derivatives Definitions.
COUPON	CouponRange	Coupon range
HEP	FinalCPRofHomeEquityPrepaymentCurve	final CPR of Home Equity Prepayment Curve



<b>Code</b>	<b>Name</b>	<b>Description</b>
UNKREFOBLIG	UnknownReferenceObligation	Unknown reference obligation (Y/N). When specified as "Y" this indicates that the Reference obligation associated with the Credit Default Swap is currently not known. This is not valid for Legal Confirmation purposes, but is valid for earlier stages in the trade life cycle (e.g. Broker Confirmation). 2003 FpML-CD-4.0.
ALLGUARANTEES	AllGuarantees	All guarantees (Y/N). Indicates whether an obligation of the Reference Entity, guaranteed by the Reference Entity on behalf of a non-Affiliate, is to be considered an Obligation for the purpose of the transaction (Y) or (N). ISDA 2003 Term: All Guarantees.
CURRENCY	ISOCurrencyCode	ISO Currency Code
MHP	PercentOfManufacturedHousingPrepaymentCurve	Percent of Manufactured Housing Prepayment Curve
CUSTOMDATE	CustomStart	Custom start/end date
MPR	MonthlyPrepaymentRate	Monthly Prepayment Rate
REFPX	ReferencePrice	Reference price (Y/N). Specifies the reference price expressed as a percentage between 0 and 1 (e.g. 0.05 is 5%). The reference price is used to determine (a) for physically settled trades, the Physical Settlement Amount, which equals the Floating Rate Payer Calculation Amount times the Reference Price and (b) for cash settled trades, the Cash Settlement Amount, which equals the greater of (i) the difference between the Reference Price and the Final Price and (ii) zero. ISDA 2003 Term: Reference Price.
GEOG	Geographics	Geographics and % range (ex. 234=CA 0-80 [minimum of 80% California assets])
PPC	PercentOfProspectusPrepaymentCurve	Percent of Prospectus Prepayment Curve

Code	Name	Description
REFPOLICY	ReferencePolicy	Reference policy (Y/N). Indicates whether the reference obligation is guaranteed (Y), or not (N), under a reference policy. If the Reference Obligation is guaranteed under a Reference Policy, and such Reference Policy by its terms excludes any component of the Expected Principal Amount for purposes of determining the liability of the relevant Insurer, or the Insurer is otherwise not required to pay any such amounts under the terms of the Reference Policy, the relevant component or amount shall also be excluded for purposes of determining the Expected Principal Amount with respect to any determination of Principal Shortfall hereunder. 2006 ISDA CDS on MBS Terms.
HAIRCUT	ValuationDiscount	Valuation Discount
PSA	PercentOfBMAPrepaymentCurve	Percent of BMA Prepayment Curve
SECRDLIST	SecuredList	Secured list (Y/N). Specifies whether a list of Syndicated Secured Obligations (also known as the Relevant Secured List) exists (Y), or not (N), for the Reference Entity. With respect to any day, the list of Syndicated Secured Obligations of the Designated Priority of the Reference Entity published by Markit Group Limited or any successor thereto appointed by the Specified Dealers (the "Secured List Publisher") on or most recently before such day, which list is currently available at [ <a href="http://www.markit.com">http://www.markit.com</a> ]. ISDA 2003 Term: Relevant Secured List.
INSURED	Insured	Insured (Y/N)
SMM	SingleMonthlyMortality	Single Monthly Mortality
ISSUE	IssueDate	Year Or Year/Month of Issue (ex. 234=2002/09)
ISSUER	Issuer	Issuer's ticker
ISSUESIZE	IssueSizeRange	issue size range
LOOKBACK	LookbackDays	Lookback Days
LOT	ExplicitLotIdentifier	Explicit lot identifier
LOTVAR	LotVariance	Lot Variance (value in percent maximum over- or under-allocation allowed)
MAT	MaturityYearAndMonth	Maturity Year And Month
MATURITY	MaturityRange	Maturity range
MAXSUBS	MaximumSubstitutions	Maximum substitutions (Repo)
MINDNOM	MinimumDenomination	Minimum denomination
MININCR	MinimumIncrement	Minimum increment

<b>Code</b>	<b>Name</b>	<b>Description</b>
MINQTY	MinimumQuantity	Minimum quantity
PAYFREQ	PaymentFrequency	Payment frequency, calendar
PIECES	NumberOfPieces	Number Of Pieces
PMAX	PoolsMaximum	Pools Maximum
PPL	PoolsPerLot	Pools per Lot
PPM	PoolsPerMillion	Pools per Million
PPT	PoolsPerTrade	Pools per Trade
PRICE	PriceRange	Price Range
PRICEFREQ	PricingFrequency	Pricing frequency
PROD	ProductionYear	Production Year
PROTECT	CallProtection	Call protection
PURPOSE	Purpose	Purpose
PXSOURCE	BenchmarkPriceSource	Benchmark price source
RATING	RatingSourceAndRange	Rating source and range
REDEMPTION	TypeOfRedemption	Type Of Redemption - values are: NonCallable, Prefunded, EscrowedToMaturity, Putable, Convertible
RESTRICTED	Restricted	Restricted (Y/N)
SECTOR	MarketSector	Market Sector
SECTYPE	SecurityTypeIncludedOrExcluded	Security Type included or excluded
STRUCT	Structure	Structure
SUBSFREQ	SubstitutionsFrequency	Substitutions frequency (Repo)
SUBSLEFT	SubstitutionsLeft	Substitutions left (Repo)
TEXT	FreeformText	Freeform Text
TRDVAR	TradeVariance	Trade Variance (value in percent maximum over- or under-allocation allowed)
WAC	WeightedAverageCoupon	Weighted Average Coupon - value in percent (exact or range) plus "Gross" or "Net" of servicing spread (the default) (ex. 234=6.5-Net [minimum of 6.5% net of servicing fee])
WAL	WeightedAverageLifeCoupon	Weighted Average Life Coupon - value in percent (exact or range)
WALA	WeightedAverageLoanAge	Weighted Average Loan Age - value in months (exact or range)
WAM	WeightedAverageMaturity	Weighted Average Maturity - value in months (exact or range)

<b>Code</b>	<b>Name</b>	<b>Description</b>
WHOLE	WholePool	Whole Pool (Y/N)
YIELD	YieldRange	Yield Range
AVFICO	AverageFICOScore	Average FICO Score
ORIGAMT	OriginalAmount	Original amount. The original issued amount of a mortgage backed security or other loan/asset backed security.
AVSIZE	AverageLoanSize	Average Loan Size
POOLEFFDT	PoolEffectiveDate	Pool effective date
MAXBAL	MaximumLoanBalance	Maximum Loan Balance
POOLINITFCTR	PoolInitialFactor	Pool initial factor. For mortgage backed securities, the part of the mortgage that is outstanding on trade inception, i.e. has not been repaid yet as principal. It is expressed as a multiplier factor to the mortgage: where 1 means that the whole mortgage amount is outstanding, 0.8 means that 80% remains to be repaid and 20% has been repaid.
POOL	PoolIdentifier	Pool Identifier
TRANCHE	Tranche	Tranche identifier. Identifies the tranche of a mortgage backed security, loan, collateralized mortgage obligation or similar securities that can be split into different risk or maturity (for example) classes.
ROLLTYPE	TypeOfRollTrade	Type of Roll trade
SUBSTITUTION	Substitution	Substitution (Y/N). Indicates whether substitution is applicable (Y) or (N).
MULTEXCHFLLBCK	MULTEXCHFLLBCK	Multiple exchange fallback (Y/N). For an index option transaction, indicates whether a relevant "Multiple Exchange Index Annex" is applicable (Y) to the transaction or not (N). This annex defines additional provisions which are applicable where an index is comprised of component securities that are traded on multiple exchanges.
REFTRADE	ReferenceToRollingOrClosing-Trade	Reference to rolling or closing trade
COMPSECFLBCK	COMPSECFLBCK	Component security fallback (Y/N). For an index option transaction, indicates whether a relevant "Component Security Index Annex" is applicable (Y) to the transaction or not (N).
REFPRIN	PrincipalOfRollingOrClosing-Trade	Principal to rolling or closing trade

Code	Name	Description
LOCLJRSRCTN	LOCLJRSRCTN	Local jurisdiction (Y/N). "Local Jurisdiction" is used in the AEJ Master Confirmation to determine applicability (Y), or not (N), of local taxes (including taxes, duties, and similar charges) imposed by the taxing authority of the local jurisdiction.
REFINT	InterestOfRollingOrClosingTrade	Interest of rolling or closing trade
AVAILQTY	AvailableOfferQuantity-ToBeShownToTheStreet	Available offer quantity to be shown to the street
RELJRSRCTN	RELJRSRCTN	Relevant jurisdiction (Y/N). "Relevant Jurisdiction" is used in the AEJ Master Confirmation to determine applicability (Y), or not (N), of local taxes (including taxes, duties and similar charges) that would be imposed by the taxing authority of the "country of underlier" on a "hypothetical broker dealer" assuming that the applicable hedge positions are held by its office in the Relevant Jurisdiction.
BROKERCREDIT	BrokerCredit	Broker's sales credit
INTERNALPX	OfferPriceToBeShownToInternalBrokers	Offer price to be shown to internal brokers
INTERNALQTY	OfferQuantityToBeShownToInternalBrokers	Offer quantity to be shown to internal brokers
LEAVEQTY	TheMinimumResidualOffer-Quantity	The minimum residual offer quantity
MAXORDQTY	MaximumOrderSize	Maximum order size
ORDRINCR	OrderQuantityIncrement	Order quantity increment
PRIMARY	PrimaryOrSecondaryMarketIndicator	Primary or Secondary market indicator
SALESCREDITOVR	BrokerSalesCreditOverride	Broker sales credit override
TRADERCREDIT	TraderCredit	Trader's credit
DISCOUNT	DiscountRate	Discount Rate (when price is denominated in percent of par)
YTM	YieldToMaturity	Yield to Maturity (when YieldType(235) and Yield(236) show a different yield)
PAYOFF	InterestPayoffOfRollingOrAmendingTrade	Interest payoff of rolling or amending trade

Used in groups: [LegStipulations](#)

**170.2.2455 LegStipulationValue**

For Fixed Income, value of stipulation.

See StipulationValue (234) for description and valid values

Type: **String**

Used in groups: **LegStipulations**

**170.2.2456 LegStrategyType**

Specifies the type of trade strategy.

Type: **String**

Allowed values in StrategyTypeCodeSet:

Code	Name	Description
STD	Straddle	Straddle
STG	Strangle	Strangle
BF	Butterfly	Butterfly
CNDR	Condor	Condor
CISN	CallableInversibleSnowball	Callable inversible snowball
OTHER	Other	Other

Used in components: **InstrumentLeg**

**170.2.2457 LegStreamAssetAttributeGrp**

The LegStreamAssetAttributeGrp is a repeating subcomponent of the LegStreamCommodity component used to detail commodity attributes, quality standards and reject limits.

Name	Mult.	Type	Description
<b>NoLegStreamAssetAttributes</b>	[1..1]	NumInGroup	
<b>LegStreamAssetAttributeType</b>	[0..1]	String	Required if NoLegStreamAssetAttributes(41452) > 0.
<b>LegStreamAssetAttributeValue</b>	[0..1]	String	
<b>LegStreamAssetAttributeLimit</b>	[0..1]	String	

Used in components: [LegStreamCommodity](#)

#### **170.2.2458 LegStreamAssetAttributeLimit**

Limit or lower acceptable value of the attribute.

Type: [String](#)

Used in groups: [LegStreamAssetAttributeGrp](#)

#### **170.2.2459 LegStreamAssetAttributeType**

Specifies the name of the attribute.

See [http://www.fixtradingcommunity.org/codelists#Asset\\_Attribute\\_Types](http://www.fixtradingcommunity.org/codelists#Asset_Attribute_Types) for code list of applicable asset attribute types.

Type: [String](#)

Used in groups: [LegStreamAssetAttributeGrp](#)

#### **170.2.2460 LegStreamAssetAttributeValue**

Specifies the value of the attribute.

Type: [String](#)

Used in groups: [LegStreamAssetAttributeGrp](#)

#### **170.2.2461 LegStreamCalculationBalanceOfFirstPeriod**

When specified and set to 'Y', it indicates that the first calculation period should run from the effective date to the end of the calendar period in which the effective date falls (e.g. Jan 15 - Jan 31 if the calculation periods are one month long and effective date is Jan 15.). If 'N' or not specified, it indicates that the first calculation period should run from the effective date for one whole period (e.g. Jan 15 to Feb 14 if the calculation periods are one month long and the effective date is Jan 15.).

Type: [Boolean](#)

Used in components: [LegStreamCalculationPeriodDates](#)

**170.2.2462 LegStreamCalculationCorrectionPeriod**

Time unit multiplier for the length of time after the publication of the data when corrections can be made.

Type: **int**

Used in components: [LegStreamCalculationPeriodDates](#)

**170.2.2463 LegStreamCalculationCorrectionUnit**

Time unit associated with the length of time after the publication of the data when corrections can be made.

Type: **String**

Allowed values in ProtectionTermEventUnitCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
D	Day	Day
Wk	Week	Week
Mo	Month	Month
Yr	Year	Year

---

Used in components: [LegStreamCalculationPeriodDates](#)

**170.2.2464 LegStreamCalculationFrequencyPeriod**

Time unit multiplier for the frequency at which calculation period end dates occur.

Type: **int**

Used in components: [LegStreamCalculationPeriodDates](#)

**170.2.2465 LegStreamCalculationFrequencyUnit**

Time unit associated with the frequency at which calculation period end dates occur.

Type: **String**

Allowed values in CouponFrequencyUnitCodeSet:



Code	Name	Description
D	Day	Day
Wk	Week	Week
Mo	Month	Month
Yr	Year	Year
H	Hour	Hour
Min	Minute	Minute
S	Second	Second
T	Term	Term

Used in components: [LegStreamCalculationPeriodDates](#)

#### 170.2.2466 LegStreamCalculationPeriodBusinessCenter

The business center calendar used to adjust calculation periods, e.g. "GLBO".

See <http://www.fpml.org/coding-scheme/business-center> for standard 4-character code values.

Type: [String](#)

Used in groups: [LegStreamCalculationPeriodBusinessCenterGrp](#)

#### 170.2.2467 LegStreamCalculationPeriodBusinessCenterGrp

LegStreamCalculationPeriodBusinessCenterGrp is a repeating subcomponent within the LegStreamCalculationPeriodDates component. It is used to specify the set of business centers whose calendars drive the date adjustment. Used only to override the business centers defined in the LegDateAdjustment component in InstrumentLeg.

Name	Mult.	Type	Description
<a href="#">NoLegStreamCalculationPeriodBusinessCenters</a>	[1..1]	NumInGroup	
<a href="#">LegStreamCalculationPeriodBusinessCenter</a>	[0..1]	String	Required if <a href="#">NoLegStreamCalculationPeriodBusinessCenters</a> (40940) > 0.

Used in components: [LegStreamCalculationPeriodDates](#)

**170.2.2468 LegStreamCalculationPeriodBusinessDayConvention**

The business day convention used to adjust calculation periods. Used only to override the business day convention specified in the LegDateAdjustment component within the InstrumentLeg component.

Type: **int**

Allowed values in BusinessDayConventionCodeSet:

Code	Name	Description
0	NotApplicable	Not applicable. Business day convention is not applicable.
1	None	None (current day)
2	FollowingDay	Following day. The following business day.
3	FloatingRateNote	Floating rate note. The FRN business day convention.
4	ModifiedFollowingDay	Modified following day. The modified following business day.
5	PrecedingDay	Preceding day. The preceding business day.
6	ModifiedPrecedingDay	Modified preceding day. The modified preceding business day.
7	NearestDay	Nearest day. The nearest applicable business day.

Used in components: [LegStreamCalculationPeriodDates](#)

**170.2.2469 LegStreamCalculationPeriodDate**

The adjusted or unadjusted fixed calculation period date.

Type: **LocalMktDate**

Used in groups: [LegStreamCalculationPeriodDateGrp](#)

**170.2.2470 LegStreamCalculationPeriodDateGrp**

The LegStreamCalculationPeriodDateGrp is a repeating subcomponent of the LegStreamCalculation-PeriodDates component used to detail fixed dates for the swap stream.

Name	Mult.	Type	Description
<a href="#">NoLegStreamCalculationPeriodDates</a>	[1..1]	NumInGroup	
<a href="#">LegStreamCalculationPeriodDate</a>	[0..1]	LocalMktDate	Required if <a href="#">NoLegStreamCalculationPeriodDates(41638) &gt; 0</a> .

Name	Mult.	Type	Description
<a href="#">LegStreamCalculationPeriodDateType</a>	[0..1]	CodeSet	

Used in components: [LegStreamCalculationPeriodDates](#)

### 170.2.2471 LegStreamCalculationPeriodDates

LegStreamCalculationPeriodDates is a subcomponent of the LegStreamGrp component used to specify the calculation period dates of the stream.

Name	Mult.	Type	Description
<a href="#">LegStreamCalculationPeriodDatesXID</a>	[0..1]	XID	
<a href="#">LegStreamCalculationPeriodDatesX-IDRef</a>	[0..1]	XIDREF	
<a href="#">LegStreamCalculationPeriodBusiness-DayConvention</a>	[0..1]	CodeSet	When specified, this overrides the business day convention defined in the LegDateAdjustment component in InstrumentLeg. The specified value would be specific to this instance of the leg stream calculation period dates.
<a href="#">LegStreamCalculationPeriodBusiness-CenterGrp</a>	[0..*]	Group	When specified, this overrides the business centers defined in the LegDateAdjustment component in InstrumentLeg. The specified values would be specific to this instance of the leg stream calculation period dates.
<a href="#">LegStreamCalculationPeriodDateGrp</a>	[0..*]	Group	
<a href="#">LegStreamFirstPeriodStartDateUnadjusted</a>	[0..1]	LocalMktDate	
<a href="#">LegStreamFirstPeriodStartDateBusinessDayConvention</a>	[0..1]	CodeSet	When specified, this overrides the business day convention defined in the LegDateAdjustment component in InstrumentLeg. The specified value would be specific to this instance of the leg stream calculation period dates.
<a href="#">LegStreamFirstPeriodStartDateBusinessCenterGrp</a>	[0..*]	Group	When specified, this overrides the business centers defined in the LegDateAdjustment component in InstrumentLeg. The specified values would be specific to this instance of the leg stream calculation period dates.
<a href="#">LegStreamFirstPeriodStartDateAdjusted</a>	[0..1]	LocalMktDate	

Name	Mult.	Type	Description
<a href="#">LegStreamFirstRegularPeriodStartDateUnadjusted</a>	[0..1]	LocalMktDate	
<a href="#">LegStreamFirstCompoundingPeriodEndDateUnadjusted</a>	[0..1]	LocalMktDate	
<a href="#">LegStreamLastRegularPeriodEndDateUnadjusted</a>	[0..1]	LocalMktDate	
<a href="#">LegStreamCalculationFrequencyPeriod</a>	[0..1]	int	Conditionally required when <a href="#">LegStreamCalculationFrequencyUnit(40275)</a> is specified.
<a href="#">LegStreamCalculationFrequencyUnit</a>	[0..1]	CodeSet	Conditionally required when <a href="#">LegStreamCalculationFrequencyPeriod(40274)</a> is specified.
<a href="#">LegStreamCalculationRollConvention</a>	[0..1]	CodeSet	When specified, this overrides the date roll convention defined in the <a href="#">LegDateAdjustment</a> component in <a href="#">InstrumentLeg</a> . The specified values would be specific to this instance of the stream calculation period dates.
<a href="#">LegStreamCalculationBalanceOfFirstPeriod</a>	[0..1]	Boolean	
<a href="#">LegStreamCalculationCorrectionPeriod</a>	[0..1]	int	Conditionally required when <a href="#">LegStreamCalculationCorrectionUnit(41645)</a> is specified.
<a href="#">LegStreamCalculationCorrectionUnit</a>	[0..1]	CodeSet	Conditionally required when <a href="#">LegStreamCalculationCorrectionPeriod(41644)</a> is specified.

Used in groups: [LegStreamGrp](#)

#### 170.2.2472 [LegStreamCalculationPeriodDatesXID](#)

Identifier of this calculation period for cross referencing elsewhere in the message.

Type: [XID](#)

Used in components: [LegStreamCalculationPeriodDates](#)

#### 170.2.2473 [LegStreamCalculationPeriodDatesXIDRef](#)

Cross reference to another calculation period for duplicating its properties.

Type: **XIDREF**

Used in components: **LegStreamCalculationPeriodDates**

### 170.2.2474 LegStreamCalculationPeriodDateType

Specifies the type of fixed calculation period date. When specified it applies not only to the current date but to all subsequent dates in the group until overridden with a new type.

Type: **int**

Allowed values in OptionExerciseDateTypeCodeSet:

---

Code	Name	Description
0	Unadjusted	Unadjusted
1	Adjusted	Adjusted

---

Used in groups: **LegStreamCalculationPeriodDateGrp**

### 170.2.2475 LegStreamCalculationRollConvention

The convention for determining the sequence of end dates. It is used in conjunction with a specified frequency. Used only to override the roll convention specified in the LegDateAdjustment component within the InstrumentLeg component.

Type: **String**

Allowed values in DateRollConventionCodeSet:

---

Code	Name	Description
1	FirstDay	1st day of the month
2	SecondDay	2nd day of the month
3	ThirdDay	3rd day of the month
4	FourthDay	4th day of the month
5	FifthDay	5th day of the month
6	SixthDay	6th day of the month
7	SeventhDay	7th day of the month
8	EighthDay	8th day of the month
9	NinthDay	9th day of the month

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
10	TenthDay	10th day of the month
11	EleventhDay	11th day of the month
12	TwelvthDay	12th day of the month
13	ThirteenthDay	13th day of the month
14	ForteenthDay	14th day of the month
15	FifteenthDay	15th day of the month
16	SixteenthDay	16th day of the month
17	SeventeenthDay	17th day of the month
18	EighteenthDay	18th day of the month
19	NineteenthDay	19th day of the month
20	TwentiethDay	20th day of the month
21	TwentyFirstDay	21st day of the month
22	TwentySecondDay	22nd day of the month
23	TwentyThirdDay	23rd day of the month
24	TwentyFourthDay	24th day of the month
25	TwentyFifthDay	25th day of the month
26	TwentySixthDay	26th day of the month
27	TwentySeventhDay	27th day of the month
28	TwentyEigthDa28y	28th day of the month
29	TwentyNinthDay	29th day of the month
30	ThirtiethDay	30th day of the month
EOM	EOM	The end of the month. Use EOM for 31st day of the month.
FRN	FRN	The floating rate note convention or Eurodollar convention.
IMM	IMM	The International Money Market settlement date, i.e. the 3rd Wednesday of the month.
IMMCAD	IMMCAD	The last trading day/expiration day of the Canadian Derivatives Exchange.
IMMAUD	IMMAUD	The last trading day of the Sydney Futures Exchange Australian 90-day bank accepted bill futures contract.
IMMNZD	IMMNZD	The last trading day of the Sydney Futures Exchange New Zealand 90-day bank bill futures contract.
SFE	SFE	The Sydney Futures Exchange 90-day bank accepted bill futures settlement dates.
NONE	NONE	No adjustment
TBILL	TBILL	The 13-week and 26-week U.S. Treasury Bill auction dates.

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Code	Name	Description
MON	MON	Monday
TUE	TUE	Tuesday
WED	WED	Wednesday
THU	THU	Thursday
FRI	FRI	Friday
SAT	SAT	Saturday
SUN	SUN	Sunday

---

Used in components: [LegStreamCalculationPeriodDates](#)

#### **170.2.2476 LegStreamCommodityAltID**

Alternate security identifier value for the commodity.

Type: [String](#)

Used in groups: [LegStreamCommodityAltIDGrp](#)

#### **170.2.2477 LegStreamCommodityAltIDGrp**

LegStreamCommodityAltIDGrp is a subcomponent of the LegStreamCommodity component used to specify alternate identifiers.

---

Name	Mult.	Type	Description
<a href="#">NoLegStreamCommodityAltIDs</a>	[1..1]	NumInGroup	
<a href="#">LegStreamCommodityAltID</a>	[0..1]	String	Required if NoLegStreamCommodityAltIDs(41674) > 0.
<a href="#">LegStreamCommodityAltIDSource</a>	[0..1]	String	Required if NoLegStreamCommodityAltIDs(41674) > 0.

---

Used in components: [LegStreamCommodity](#)

#### **170.2.2478 LegStreamCommodityAltIDSource**

Identifies the class or source of the alternate commodity security identifier.

Type: **String**

Used in groups: **LegStreamCommodityAltIDGrp**

### 170.2.2479 LegStreamCommodityBase

Specifies the general base type of the commodity traded. Where possible, this should follow the naming convention used in the 2005 ISDA Commodity Definitions.

Type: **String**

Used in components: **LegStreamCommodity**

### 170.2.2480 LegStreamCommodity

LegStreamCommodity is a subcomponent of the LegStream component used to identify and describe the underlying commodity.

Name	Mult.	Type	Description
<b>LegStreamCommodityBase</b>	[0..1]	String	
<b>LegStreamCommodityType</b>	[0..1]	String	
<b>LegStreamCommoditySecurityID</b>	[0..1]	String	Conditionally required when LegStreamCommoditySecurityIDSource(41651) is specified.
<b>LegStreamCommoditySecurityID-Source</b>	[0..1]	CodeSet	Conditionally required when LegStreamCommoditySecurityID(41650) is specified.
<b>LegStreamCommodityAltIDGrp</b>	[0..*]	Group	
<b>LegStreamCommodityDesc</b>	[0..1]	String	
<b>EncodedLegStreamCommodityDescLen</b>	[0..1]	Length	Must be set if EncodedLegStreamCommodityDesc(41654) field is specified and must immediately precede it.
<b>EncodedLegStreamCommodityDesc</b>	[0..1]	data	Encoded (non-ASCII characters) representation of the LegStreamCommodityDesc(41652) field in the encoded format specified via the MessageEncoding(347) field.
<b>LegStreamCommodityDeliveryPricingRegion</b>	[0..1]	String	May be used to specify the delivery or pricing region of a non-standard commodity swap contract (e.g. when InstrAttribType(871)=38 (US standard contract indicator) and InstrAttribValue(872)=N).



Name	Mult.	Type	Description
LegStreamAssetAttributeGrp	[0..*]	Group	
LegStreamCommodityUnitOfMeasure	[0..1]	CodeSet	
LegStreamCommodityCurrency	[0..1]	Currency	
LegStreamCommodityExchange	[0..1]	Exchange	
LegStreamCommodityRateSource	[0..1]	int	
LegStreamCommodityRateReferencePage	[0..1]	String	
LegStreamCommodityRateReferencePageHeading	[0..1]	String	
LegStreamDataProvider	[0..1]	String	
LegStreamCommodityDataSourceGrp	[0..*]	Group	
LegStreamCommodityPricingType	[0..1]	String	
LegStreamCommodityNearbySettlementDayPeriod	[0..1]	int	Conditionally required when LegStreamCommodityNearbySettlementDayUnit(41664) is specified.
LegStreamCommodityNearbySettlementDayUnit	[0..1]	CodeSet	Conditionally required when LegStreamCommodityNearbySettlementDayPeriod(41663) is specified.
LegStreamCommoditySettlementDateUnadjusted	[0..1]	LocalMktDate	
LegStreamCommoditySettlementDateBusinessDayConvention	[0..1]	CodeSet	When specified, this overrides the business day convention defined in the LegDateAdjustment component in InstrumentLeg. The specified values would be specific to the settlement date.
LegStreamCommoditySettlementBusinessCenterGrp	[0..*]	Group	When specified, this overrides the business centers defined in the LegDateAdjustment component in InstrumentLeg. The specified values would be specific to the settlement date.
LegStreamCommoditySettlementDateAdjusted	[0..1]	LocalMktDate	
LegStreamCommoditySettlementMonth	[0..1]	int	
LegStreamCommoditySettlementDateRollPeriod	[0..1]	int	Conditionally required when LegStreamCommoditySettlementDateRollUnit(41670) is specified.
LegStreamCommoditySettlementDateRollUnit	[0..1]	CodeSet	Conditionally required when LegStreamCommoditySettlementDateRollPeriod(41669) is specified.
LegStreamCommoditySettlementDayType	[0..1]	CodeSet	
LegStreamCommoditySettlementPeriodGrp	[0..*]	Group	
LegStreamCommodityXID	[0..1]	XID	
LegStreamCommodityXIDRef	[0..1]	XIDREF	

Name	Mult.	Type	Description
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Used in groups: [LegStreamGrp](#)

### 170.2.2481 LegStreamCommodityCurrency

Identifies the currency of the commodity asset. Uses ISO 4217 currency codes.

Type: [Currency](#)

Used in components: [LegStreamCommodity](#)

### 170.2.2482 LegStreamCommodityDataSourceGrp

LegStreamCommodityDataSourceGrp is a subcomponent of the LegStreamCommodity component used to specify sources of data, e.g. weather stations. The order of entry determines priority – first is the main source, second is fallback, third is second fallback.

Name	Mult.	Type	Description
<a href="#">NoLegStreamCommodityDataSources</a>	[1..1]	NumInGroup	
<a href="#">LegStreamCommodityDataSourceID</a>	[0..1]	String	Required if NoLegStreamCommodityDataSources(41677) > 0.
<a href="#">LegStreamCommodityDataSourceID- Type</a>	[0..1]	CodeSet	Required if NoLegStreamCommodityDataSources(41677) > 0.

Used in components: [LegStreamCommodity](#)

### 170.2.2483 LegStreamCommodityDataSourceID

Specifies the data source identifier.

Type: [String](#)

Used in groups: [LegStreamCommodityDataSourceGrp](#)

**170.2.2484 LegStreamCommodityDataSourceIDType**

Specifies the type of data source identifier.

Type: **int**

Allowed values in StreamCommodityDataSourceIDTypeCodeSet:

---

Code	Name	Description
0	City	City (4 character business center code)
1	Airport	Airport (IATA standard)
2	WeatherStation	Weather station WBAN (Weather Bureau Army Navy)
3	WeatherIndex	Weather index WMO (World Meteorological Organization)

---

Used in groups: **LegStreamCommodityDataSourceGrp**

**170.2.2485 LegStreamCommodityDeliveryPricingRegion**

The delivery or pricing region associated with the commodity swap. See [http://www.ecfr.gov/cgi-bin/text-idx?SID=660d6a40f836aa6ddf213cba080c5b22&node=ap17.2.43\\_17.e&rgn=div9](http://www.ecfr.gov/cgi-bin/text-idx?SID=660d6a40f836aa6ddf213cba080c5b22&node=ap17.2.43_17.e&rgn=div9) for the external code list.

Type: **String**

Used in components: **LegStreamCommodity**

**170.2.2486 LegStreamCommodityDesc**

Description of the commodity asset.

Type: **String**

Used in components: **LegStreamCommodity**

**170.2.2487 LegStreamCommodityExchange**

Identifies the exchange where the commodity is traded.

Type: **Exchange**

Used in components: **LegStreamCommodity**

**170.2.2488 LegStreamCommodityNearbySettlDayPeriod**

Time unit multiplier for the nearby settlement day.

Type: **int**

Used in components: **LegStreamCommodity**

**170.2.2489 LegStreamCommodityNearbySettlDayUnit**

Time unit associated with the nearby settlement day.

Type: **String**

Allowed values in StreamCommodityNearbySettlDayUnitCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
Wk	Week	Week
Mo	Month	Month

---

Used in components: **LegStreamCommodity**

**170.2.2490 LegStreamCommodityPricingType**

Specifies how the pricing or rate setting of the trade is to be determined or based upon.

See [http://www.fixtradingcommunity.org/codelists#Commodity\\_Rate\\_Pricing\\_Type](http://www.fixtradingcommunity.org/codelists#Commodity_Rate_Pricing_Type) for code list of applicable commodity pricing types.

Type: **String**

Used in components: **LegStreamCommodity**

**170.2.2491 LegStreamCommodityRateReferencePage**

Identifies the reference "page" from the rate source.

Type: **String**

Used in components: **LegStreamCommodity**

**170.2.2492 LegStreamCommodityRateReferencePageHeading**

Identifies the page heading from the rate source.

Type: **String**

Used in components: **LegStreamCommodity**

**170.2.2493 LegStreamCommodityRateSource**

Identifies the source of rate information used for commodities.

See [http://www.fixtradingcommunity.org/codelists#Commodity\\_Rate\\_Source](http://www.fixtradingcommunity.org/codelists#Commodity_Rate_Source) for code list of applicable sources.

Type: **int**

Used in components: **LegStreamCommodity**

**170.2.2494 LegStreamCommoditySecurityID**

Specifies the market identifier for the commodity.

Type: **String**

Used in components: **LegStreamCommodity**

**170.2.2495 LegStreamCommoditySecurityIDSource**

Identifies the class or source of the LegStreamCommoditySecurityIDSource(41650) value.

Type: **String**

Allowed values in SecurityIDSourceCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
1	CUSIP	CUSIP
2	SEDOL	SEDOL
3	QUIK	QUIK
4	ISINNumber	ISIN
5	RICCode	RIC
6	ISOCurrencyCode	ISO Currency Code (ISO 4217)

---

Code	Name	Description
7	ISOCountryCode	ISO Country Code
8	ExchangeSymbol	Exchange symbol
9	ConsolidatedTapeAssociation	Consolidated Tape Association (CTA) Symbol (SIAC CTS/CQS line format)
A	BloombergSymbol	Bloomberg Symbol
B	Wertpapier	Wertpapier
C	Dutch	Dutch
D	Valoren	Valoren
E	Sicovam	Sicovam
F	Belgian	Belgian
G	Common	"Common" (Clearstream and Euroclear)
H	ClearingHouse	Clearing house / Clearing organization
I	ISDAFpMLSpecification	ISDA/FpML product specification (XML in SecurityXML(1185))
J	OptionPriceReportingAuthority	Option Price Reporting Authority
K	ISDAFpMLURL	ISDA/FpML product URL (URL in SecurityID(48))
L	LetterOfCredit	Letter of credit
M	MarketplaceAssignedIdentifier	Marketplace-assigned Identifier
N	MarkitREDEntityCLIP	Markit RED entity CLIP
P	MarkitREDPairCLIP	Markit RED pair CLIP
Q	CFTCCommodityCode	CFTC commodity code
R	ISDACommodityReferencePrice	ISDA Commodity Reference Price
S	FinancialInstrumentGlobalIdentifier	Financial Instrument Global Identifier. An Object Management Group (OMG) standard. Also referred to as FIGI. Formerly known as "Bloomberg Open Symbology BBGID".
T	LegalEntityIdentifier	Legal entity identifier
U	Synthetic	Synthetic. Used to specify that the security identifier is synthetic for linking nested underliers when there is no market identifier for the collection.
V	FidessaInstrumentMnemonic	Fidessa Instrument Mnemonic (FIM)
W	IndexName	Index name. Standard name of the index or rate index, e.g. "LIBOR" or "iTraxx Australia".
X	UniformSymbol	Uniform Symbol (UMTF Symbol)
Y	DigitalTokenIdentifier	Digital Token Identifier (ISO 24165)

Used in components: [LegStreamCommodity](#)

**170.2.2496 LegStreamCommoditySettlBusinessCenter**

The business center calendar used to adjust the commodity delivery date, e.g. "GBLO".

See <http://www.fpml.org/coding-scheme/business-center> for standard 4-character code values.

Type: **String**

Used in groups: **LegStreamCommoditySettlBusinessCenterGrp**

**170.2.2497 LegStreamCommoditySettlBusinessCenterGrp**

LegStreamCommoditySettlBusinessCenterGrp is a repeating subcomponent of the LegStreamCommodity component used to specify the set of business centers whose calendars drive date adjustment. Used only to override the business centers defined in the LegDateAdjustment component in InstrumentLeg.

Name	Mult.	Type	Description
<b>NoLegStreamCommoditySettlBusinessCenters</b>	[1..1]	NumInGroup	
<b>LegStreamCommoditySettlBusinessCenter</b>	[0..1]	String	Required if NoLegStreamCommoditySettlementBusinessCenters(41646) > 0.

Used in components: **LegStreamCommodity**

**170.2.2498 LegStreamCommoditySettlCountry**

Specifies the country where delivery takes place. Uses ISO 3166 2-character country code.

Type: **Country**

Used in groups: **LegStreamCommoditySettlPeriodGrp**

**170.2.2499 LegStreamCommoditySettlDateAdjusted**

The adjusted commodity delivery date.

Type: **LocalMktDate**

Used in components: **LegStreamCommodity**

**170.2.2500 LegStreamCommoditySettlDateBusinessDayConvention**

The business day convention used to adjust the commodity delivery date. Used only to override the business day convention specified in the LegDateAdjustment component within the InstrumentLeg component.

Type: **int**

Allowed values in BusinessDayConventionCodeSet:

---

Code	Name	Description
0	NotApplicable	Not applicable. Business day convention is not applicable.
1	None	None (current day)
2	FollowingDay	Following day. The following business day.
3	FloatingRateNote	Floating rate note. The FRN business day convention.
4	ModifiedFollowingDay	Modified following day. The modified following business day.
5	PrecedingDay	Preceding day. The preceding business day.
6	ModifiedPrecedingDay	Modified preceding day. The modified preceding business day.
7	NearestDay	Nearest day. The nearest applicable business day.

---

Used in components: **LegStreamCommodity**

**170.2.2501 LegStreamCommoditySettlDateRollPeriod**

Time unit multiplier for the commodity delivery date roll.

Type: **int**

Used in components: **LegStreamCommodity**

**170.2.2502 LegStreamCommoditySettlDateRollUnit**

Time unit associated with the commodity delivery date roll.

Type: **String**

Allowed values in StreamCommoditySettlDateRollUnitCodeSet:



---

Code	Name	Description
D	Day	Day

---

Used in components: [LegStreamCommodity](#)

### 170.2.2503 LegStreamCommoditySettlDateUnadjusted

The unadjusted commodity delivery date.

Type: [LocalMktDate](#)

Used in components: [LegStreamCommodity](#)

### 170.2.2504 LegStreamCommoditySettlDay

Specifies the day or group of days for delivery.

Type: [int](#)

Allowed values in DeliveryScheduleSettlDayCodeSet:

---

Code	Name	Description
1	Monday	Monday
2	Tuesday	Tuesday
3	Wednesday	Wednesday
4	Thursday	Thursday
5	Friday	Friday
6	Saturday	Saturday
7	Sunday	Sunday
8	AllWeekdays	All weekdays
9	AllDays	All days
10	AllWeekends	All weekends

---

Used in groups: [LegStreamCommoditySettlDayGrp](#)

**170.2.2505 LegStreamCommoditySettlDayGrp**

The LegStreamCommoditySettlDayGrp is a repeating subcomponent of the LegStreamCommoditySettlPeriodGrp component used to define the settlement days associated with the commodity contract.

Name	Mult.	Type	Description
NoLegStreamCommoditySettlDays	[1..1]	NumInGroup	
LegStreamCommoditySettlDay	[0..1]	CodeSet	Required if NoLegStreamCommoditySettlementDays(41680) > 0.
LegStreamCommoditySettlTotalHours	[0..1]	int	
LegStreamCommoditySettlTimeGrp	[0..*]	Group	

Used in groups: [LegStreamCommoditySettlPeriodGrp](#)

**170.2.2506 LegStreamCommoditySettlDayType**

Specifies the commodity delivery roll day type.

Type: [int](#)

Allowed values in ComplexEventDateOffsetDayTypeCodeSet:

Code	Name	Description
0	Business	Business
1	Calendar	Calendar
2	CommodityBusiness	Commodity business
3	CurrencyBusiness	Currency business
4	ExchangeBusiness	Exchange business
5	ScheduledTradingDay	Scheduled trading day

Used in components: [LegStreamCommodity](#)

**170.2.2507 LegStreamCommoditySettlEnd**

The end time for commodity settlement where delivery occurs over time. The time format is specified by the settlement time type.

Type: **String**

Used in groups: **LegStreamCommoditySettlTimeGrp**

### **170.2.2508 LegStreamCommoditySettlFlowType**

Specifies the commodity delivery flow type.

Type: **int**

Allowed values in DeliveryScheduleSettlFlowTypeCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	AllTimes	All times
1	OnPeak	On peak
2	OffPeak	Off peak
3	Base	Base
4	BlockHours	Block hours
5	Other	Other

---

Used in groups: **LegStreamCommoditySettlPeriodGrp**

### **170.2.2509 LegStreamCommoditySettlHolidaysProcessingInstruction**

Indicates whether holidays are included in the settlement periods. Required for electricity contracts.

Type: **int**

Allowed values in DeliveryScheduleSettlHolidaysProcessingInstructionCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	DoNotIncludeHolidays	Do not include holidays
1	IncludeHolidays	Include holidays

---

Used in groups: **LegStreamCommoditySettlPeriodGrp**

**170.2.2510 LegStreamCommoditySettlMonth**

Specifies a fixed single month for commodity delivery.

Type: **int**

Used in components: **LegStreamCommodity**

**170.2.2511 LegStreamCommoditySettlPeriodFrequencyPeriod**

Time unit multiplier for the settlement period frequency.

Type: **int**

Used in groups: **LegStreamCommoditySettlPeriodGrp**

**170.2.2512 LegStreamCommoditySettlPeriodFrequencyUnit**

Time unit associated with the settlement period frequency.

Type: **String**

Allowed values in ProtectionTermEventUnitCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
D	Day	Day
Wk	Week	Week
Mo	Month	Month
Yr	Year	Year

---

Used in groups: **LegStreamCommoditySettlPeriodGrp**

**170.2.2513 LegStreamCommoditySettlPeriodGrp**

The LegStreamCommoditySettlPeriodGrp is a repeating subcomponent of the LegStreamCommodity component used to to define the settlement period details associated with the commodity contract.

---

<b>Name</b>	<b>Mult.</b>	<b>Type</b>	<b>Description</b>
<b>NoLegStreamCommoditySettlPeriods</b>	[1..1]	NumInGroup	

---

Name	Mult.	Type	Description
<a href="#">LegStreamCommoditySettlCountry</a>	[0..1]	Country	Required if NoLegStreamCommoditySettlPeriods(41686) > 0.
<a href="#">LegStreamCommoditySettlTimeZone</a>	[0..1]	String	
<a href="#">LegStreamCommoditySettlFlowType</a>	[0..1]	CodeSet	
<a href="#">LegStreamCommoditySettlPeriodNotional</a>	[0..1]	Qty	
<a href="#">LegStreamCommoditySettlPeriodNotionalUnitOfMeasure</a>	[0..1]	CodeSet	
<a href="#">LegStreamCommoditySettlPeriodFrequencyPeriod</a>	[0..1]	int	Conditionally required when <a href="#">LegStreamCommoditySettlPeriodFrequencyUnit(41693)</a> is specified.
<a href="#">LegStreamCommoditySettlPeriodFrequencyUnit</a>	[0..1]	CodeSet	Conditionally required when <a href="#">LegStreamCommoditySettlPeriodFrequencyPeriod(41692)</a> is specified.
<a href="#">LegStreamCommoditySettlPeriodPrice</a>	[0..1]	Price	
<a href="#">LegStreamCommoditySettlPeriodPriceUnitOfMeasure</a>	[0..1]	CodeSet	
<a href="#">LegStreamCommoditySettlPeriodPriceCurrency</a>	[0..1]	Currency	
<a href="#">LegStreamCommoditySettlHolidaysProcessingInstruction</a>	[0..1]	CodeSet	
<a href="#">LegStreamCommoditySettlDayGrp</a>	[0..*]	Group	
<a href="#">LegStreamCommoditySettlPeriodXID</a>	[0..1]	XID	
<a href="#">LegStreamCommoditySettlPeriodXIDRef</a>	[0..1]	XIDREF	

Used in components: [LegStreamCommodity](#)

#### 170.2.2514 [LegStreamCommoditySettlPeriodNotional](#)

Delivery quantity associated with this settlement period.

Type: [Qty](#)

Used in groups: [LegStreamCommoditySettlPeriodGrp](#)

#### 170.2.2515 [LegStreamCommoditySettlPeriodNotionalUnitOfMeasure](#)

Specifies the unit of measure (UOM) of the delivery quantity associated with this settlement period.

Type: **String**

Allowed values in UnitOfMeasureCodeSet:

<b>Code</b>	<b>Name</b>	<b>Description</b>
Alw	Allowances	Allowances
Bcf	BillionCubicFeet	Billion cubic feet
Bbl	Barrels	Barrels. Equal to 42 US gallons
CBM	CubicMeters	Cubic Meters
BDFT	BoardFeet	Board feet. Equal to 144 cubic inches
GJ	Gigajoules	gigajoules
Bu	Bushels	Bushels
kHR	HeatRate	Heat rate. The number of BTUs required to produce one kilowatt hour of electricity, typically 3,412.14 BTUs per 1 kWh.
Ccy	Currency	Amount of currency
kWh	KilowattHours	Kilowatt hours
CDD	CoolingDegreeDay	Cooling degree day
MHR	MegaHeatRate	Mega heat rate. The number of million BTUs required to produce one megawatt hour of electricity, typically 3.41214 million BTUs per 1 MWh.
CER	CertifiedEmissionsReduction	Certified emissions reduction
MMBtu	OneMillionBTU	One Million BTU
CPD	CriticalPrecipDay	Critical precipitation day
MWh	MegawattHours	Megawatt hours
CRT	ClimateReserveTonnes	Climate reserve tonnes
thm	Therms	therms. Equal to 100,000 BTU
cwt	Hundredweight	Hundredweight(US). Equal to 100 lbs
tnCO2	TonsOfCarbonDioxide	Tons of carbon dioxide
day	Day	Days
dt	DryMetricTons	Dry metric tons
EnvAllwnc	EnvAllwncCert	Environmental allowance certificates
EnvCrd	EnvironmentalCredit	Environmental credit
EnvOfst	EnvironmentalOffset	Environmental Offset
g	Grams	Grams
Gal	Gallons	Gallons
GT	GrossTons	Gross tons. Also known as long tons or imperial tons, equal to 2240 lbs

<b>Code</b>	<b>Name</b>	<b>Description</b>
HDD	HeatingDegreeDay	Heating degree day
IPNT	IndexPoint	Index point
kg	Kilograms	Kilograms
kL	Kiloliters	kiloliters
kW-a	KilowattYear	Kilowatt year (electrical capacity)
kW-d	KilowattDay	Kilowatt day (electrical capacity)
kW-h	KilowattHour	Kilowatt hour (electrical capacity)
kW-M	KilowattMonth	Kilowatt month (electrical capacity)
kW-min	KilowattMinute	Kilowatt-Minute (electrical capacity)
L	Liters	liters
lbs	Pounds	pounds
MW-a	MegawattYear	Megawatt year (electrical capacity)
MW-d	MegawattDay	Megawatt day (electrical capacity)
MW-h	MegawattHour	Megawatt hour (electrical capacity)
MW-M	MegawattMonth	Megawatt month (electrical capacity)
MW-min	MegawattMinute	Megawatt minute (electrical capacity)
oz_tr	TroyOunces	Troy ounces
PRINC	PrincipalWithRelationToDebtInstrument	Principal with relation to debt instrument
t	MetricTons	Metric tons. Also known as Tonnes, equal to 1000 kg
tn	Tons	Tons (US). Equal to 2000 lbs
a	Are	Are
ac	Acre	Acre
cL	Centiliter	Centiliter
cM	Centimeter	Centimeter
DGE	DieselGallonEquivalent	Diesel gallon equivalent
ft	Foot	Foot
Gal_gb	GBGallon	GB Gallon
GGE	GasolineGallonEquivalent	Gasonline gallon equivalent
ha	Hectare	Hectare
in	Inch	Inch
kM	Kilometer	Kilometer
M	Meter	Meter
mi	Mile	Mile

Code	Name	Description
mL	Milliliter	Milliliter
mM	Millimeter	Millimeter
oz	USOunce	US ounce
pc	Piece	Piece
pt	USPint	US Pint
pt_gb	GBPint	GB pint
qt	USQuart	US Quart
qt_gb	GBQuart	GB Quart
SqcM	SquareCentimeter	Square centimeter
Sqft	SquareFoot	Square foot
Sqin	SquareInch	Square inch
SqkM	SquareKilometer	Square kilometer
SqM	SquareMeter	Square meter
Sqmi	SquareMile	Square mile
SqmM	SquareMillimeter	Square millimeter
Sqyd	SquareYard	Square yard
yd	Yard	Yard
MMbbl	MillionBarrels	Million Barrels
USD	USDollars	US Dollars

---

Used in groups: [LegStreamCommoditySettlPeriodGrp](#)

#### **170.2.2516 LegStreamCommoditySettlPeriodPrice**

The settlement period price.

Type: [Price](#)

Used in groups: [LegStreamCommoditySettlPeriodGrp](#)

#### **170.2.2517 LegStreamCommoditySettlPeriodPriceCurrency**

The currency of the settlement period price. Uses ISO 4217 currency codes.

Type: [Currency](#)

Used in groups: [LegStreamCommoditySettlPeriodGrp](#)



**170.2.2518 LegStreamCommoditySettlPeriodPriceUnitOfMeasure**

The settlement period price unit of measure (UOM).

Type: **String**

Allowed values in UnitOfMeasureCodeSet:

<b>Code</b>	<b>Name</b>	<b>Description</b>
Alw	Allowances	Allowances
Bcf	BillionCubicFeet	Billion cubic feet
Bbl	Barrels	Barrels. Equal to 42 US gallons
CBM	CubicMeters	Cubic Meters
BDFT	BoardFeet	Board feet. Equal to 144 cubic inches
GJ	Gigajoules	gigajoules
Bu	Bushels	Bushels
kHR	HeatRate	Heat rate. The number of BTUs required to produce one kilowatt hour of electricity, typically 3,412.14 BTUs per 1 kWh.
Ccy	Currency	Amount of currency
kWh	KilowattHours	Kilowatt hours
CDD	CoolingDegreeDay	Cooling degree day
MHR	MegaHeatRate	Mega heat rate. The number of million BTUs required to produce one megawatt hour of electricity, typically 3.41214 million BTUs per 1 MWh.
CER	CertifiedEmissionsReduction	Certified emissions reduction
MMBtu	OneMillionBTU	One Million BTU
CPD	CriticalPrecipDay	Critical precipitation day
MWh	MegawattHours	Megawatt hours
CRT	ClimateReserveTonnes	Climate reserve tonnes
thm	Therms	therms. Equal to 100,000 BTU
cwt	Hundredweight	Hundredweight(US). Equal to 100 lbs
tnCO2	TonsOfCarbonDioxide	Tons of carbon dioxide
day	Day	Days
dt	DryMetricTons	Dry metric tons
EnvAllwnc	EnvAllwncCert	Environmental allowance certificates
EnvCrd	EnvironmentalCredit	Environmental credit
EnvOfst	EnvironmentalOffset	Environmental Offset
g	Grams	Grams

<b>Code</b>	<b>Name</b>	<b>Description</b>
Gal	Gallons	Gallons
GT	GrossTons	Gross tons. Also known as long tons or imperial tons, equal to 2240 lbs
HDD	HeatingDegreeDay	Heating degree day
IPNT	IndexPoint	Index point
kg	Kilograms	Kilograms
kL	Kiloliters	kiloliters
kW-a	KilowattYear	Kilowatt year (electrical capacity)
kW-d	KilowattDay	Kilowatt day (electrical capacity)
kW-h	KilowattHour	Kilowatt hour (electrical capacity)
kW-M	KilowattMonth	Kilowatt month (electrical capacity)
kW-min	KilowattMinute	Kilowatt-Minute (electrical capacity)
L	Liters	liters
lbs	Pounds	pounds
MW-a	MegawattYear	Megawatt year (electrical capacity)
MW-d	MegawattDay	Megawatt day (electrical capacity)
MW-h	MegawattHour	Megawatt hour (electrical capacity)
MW-M	MegawattMonth	Megawatt month (electrical capacity)
MW-min	MegawattMinute	Megawatt minute (electrical capacity)
oz_tr	TroyOunces	Troy ounces
PRINC	PrincipalWithRelationToDebtInstrument	Principal with relation to debt instrument
t	MetricTons	Metric tons. Also known as Tonnes, equal to 1000 kg
tn	Tons	Tons (US). Equal to 2000 lbs
a	Are	Are
ac	Acre	Acre
cL	Centiliter	Centiliter
cM	Centimeter	Centimeter
DGE	DieselGallonEquivalent	Diesel gallon equivalent
ft	Foot	Foot
Gal_gb	GBGallon	GB Gallon
GGE	GasolineGallonEquivalent	Gasonline gallon equivalent
ha	Hectare	Hectare
in	Inch	Inch
kM	Kilometer	Kilometer

<b>Code</b>	<b>Name</b>	<b>Description</b>
M	Meter	Meter
mi	Mile	Mile
mL	Milliliter	Milliliter
mM	Millimeter	Millimeter
oz	USOunce	US ounce
pc	Piece	Piece
pt	USPint	US Pint
pt_gb	GBPint	GB pint
qt	USQuart	US Quart
qt_gb	GBQuart	GB Quart
SqcM	SquareCentimeter	Square centimeter
Sqft	SquareFoot	Square foot
Sqin	SquareInch	Square inch
SqkM	SquareKilometer	Square kilometer
SqM	SquareMeter	Square meter
Sqmi	SquareMile	Square mile
SqmM	SquareMillimeter	Square millimeter
Sqyd	SquareYard	Square yard
yd	Yard	Yard
MMbbl	MillionBarrels	Million Barrels
USD	USDollars	US Dollars

---

Used in groups: [LegStreamCommoditySettlPeriodGrp](#)

#### **170.2.2519 LegStreamCommoditySettlPeriodXID**

Identifier of this settlement period for cross referencing elsewhere in the message.

Type: [XID](#)

Used in groups: [LegStreamCommoditySettlPeriodGrp](#)

#### **170.2.2520 LegStreamCommoditySettlPeriodXIDRef**

Cross reference to another settlement period for duplicating its properties.

Type: **XIDREF**

Used in groups: **LegStreamCommoditySettlPeriodGrp**

### **170.2.2521 LegStreamCommoditySettlStart**

The start time for commodity settlement where delivery occurs over time. The time format is specified by the settlement time type.

Type: **String**

Used in groups: **LegStreamCommoditySettlTimeGrp**

### **170.2.2522 LegStreamCommoditySettlTimeGrp**

The LegStreamCommoditySettlTimeGrp is a repeating subcomponent of the LegStreamCommoditySettlDayGrp component used to define the settlement time periods associated with the commodity contract.

<b>Name</b>	<b>Mult.</b>	<b>Type</b>	<b>Description</b>
<b>NoLegStreamCommoditySettlTimes</b>	[1..1]	NumInGroup	
<b>LegStreamCommoditySettlStart</b>	[0..1]	String	Required if NoLegStreamCommoditySettlTimes(41683) > 0.
<b>LegStreamCommoditySettlEnd</b>	[0..1]	String	Required if NoLegStreamCommoditySettlTimes(41683) > 0.
<b>LegStreamCommoditySettlTimeType</b>	[0..1]	CodeSet	May be defaulted to market convention or bilaterally agreed if not specified.

Used in groups: **LegStreamCommoditySettlDayGrp**

### **170.2.2523 LegStreamCommoditySettlTimeType**

Specifies the format of the commodity settlement start and end times.

Type: **int**

Allowed values in DeliveryScheduleSettlTimeTypeCodeSet:

Code	Name	Description
0	Hour	Hour of the day. Applicable for electricity contracts. Time value is expressed as an integer hour of the day (1-24). The delivery start/end hour is specified as the end of the included hour. For example, a start hour of "4" begins at 3 a.m.; an end hour of "20" ends at 8 p.m.; a start hour of "1" and end hour of "24" indicates midnight to midnight delivery.
1	Timestamp	HH:MM time format. Applicable for gas contracts. Time value is expressed using a 24-hour time format. For example, a time value of "13:30" is 1:30 p.m.

Used in groups: [LegStreamCommoditySettlTimeGrp](#)

#### **170.2.2524 LegStreamCommoditySettlTimeZone**

Commodity delivery timezone specified as "prevailing" rather than "standard" or "daylight".

See [http://www.fixtradingcommunity.org/codelists#Prevailing\\_Timezones](http://www.fixtradingcommunity.org/codelists#Prevailing_Timezones) for code list of applicable prevailing timezones.

Type: **String**

Used in groups: [LegStreamCommoditySettlPeriodGrp](#)

#### **170.2.2525 LegStreamCommoditySettlTotalHours**

Sum of the hours specified in [LegStreamCommoditySettlTimeGrp](#).

Type: **int**

Used in groups: [LegStreamCommoditySettlDayGrp](#)

#### **170.2.2526 LegStreamCommodityType**

Specifies the type of commodity product.

For coal see <http://www.fpml.org/coding-scheme/commodity-coal-product-type> for values.

For metals see <http://www.fpml.org/coding-scheme/commodity-metal-product-type> for values.

For bullion see [http://www.fixtradingcommunity.org/codelists#Bullion\\_Types](http://www.fixtradingcommunity.org/codelists#Bullion_Types) for the external code list of bullion types.

Type: **String**

Used in components: **LegStreamCommodity**

### 170.2.2527 LegStreamCommodityUnitOfMeasure

The unit of measure (UOM) of the commodity asset.

Type: **String**

Allowed values in UnitOfMeasureCodeSet:

---

Code	Name	Description
Alw	Allowances	Allowances
Bcf	BillionCubicFeet	Billion cubic feet
Bbl	Barrels	Barrels. Equal to 42 US gallons
CBM	CubicMeters	Cubic Meters
BDFT	BoardFeet	Board feet. Equal to 144 cubic inches
GJ	Gigajoules	gigajoules
Bu	Bushels	Bushels
kHR	HeatRate	Heat rate. The number of BTUs required to produce one kilowatt hour of electricity, typically 3,412.14 BTUs per 1 kWh.
Ccy	Currency	Amount of currency
kWh	KilowattHours	Kilowatt hours
CDD	CoolingDegreeDay	Cooling degree day
MHR	MegaHeatRate	Mega heat rate. The number of million BTUs required to produce one megawatt hour of electricity, typically 3.41214 million BTUs per 1 MWh.
CER	CertifiedEmissionsReduction	Certified emissions reduction
MMBtu	OneMillionBTU	One Million BTU
CPD	CriticalPrecipDay	Critical precipitation day
MWh	MegawattHours	Megawatt hours
CRT	ClimateReserveTonnes	Climate reserve tonnes
thm	Therms	therms. Equal to 100,000 BTU
cwt	Hundredweight	Hundredweight(US). Equal to 100 lbs
tnCO2	TonsOfCarbonDioxide	Tons of carbon dioxide
day	Day	Days
dt	DryMetricTons	Dry metric tons
EnvAllwnc	EnvAllwncCert	Environmental allowance certificates

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
EnvCrd	EnvironmentalCredit	Environmental credit
EnvOfst	EnvironmentalOffset	Environmental Offset
g	Grams	Grams
Gal	Gallons	Gallons
GT	GrossTons	Gross tons. Also known as long tons or imperial tons, equal to 2240 lbs
HDD	HeatingDegreeDay	Heating degree day
IPNT	IndexPoint	Index point
kg	Kilograms	Kilograms
kL	Kiloliters	kiloliters
kW-a	KilowattYear	Kilowatt year (electrical capacity)
kW-d	KilowattDay	Kilowatt day (electrical capacity)
kW-h	KilowattHour	Kilowatt hour (electrical capacity)
kW-M	KilowattMonth	Kilowatt month (electrical capacity)
kW-min	KilowattMinute	Kilowatt-Minute (electrical capacity)
L	Liters	liters
lbs	Pounds	pounds
MW-a	MegawattYear	Megawatt year (electrical capacity)
MW-d	MegawattDay	Megawatt day (electrical capacity)
MW-h	MegawattHour	Megawatt hour (electrical capacity)
MW-M	MegawattMonth	Megawatt month (electrical capacity)
MW-min	MegawattMinute	Megawatt minute (electrical capacity)
oz_tr	TroyOunces	Troy ounces
PRINC	PrincipalWithRelationToDebtInstrument	Principal with relation to debt instrument
t	MetricTons	Metric tons. Also known as Tonnes, equal to 1000 kg
tn	Tons	Tons (US). Equal to 2000 lbs
a	Are	Are
ac	Acre	Acre
cL	Centiliter	Centiliter
cM	Centimeter	Centimeter
DGE	DieselGallonEquivalent	Diesel gallon equivalent
ft	Foot	Foot
Gal_gb	GBGallon	GB Gallon
GGE	GasolineGallonEquivalent	Gasonline gallon equivalent

<b>Code</b>	<b>Name</b>	<b>Description</b>
ha	Hectare	Hectare
in	Inch	Inch
kM	Kilometer	Kilometer
M	Meter	Meter
mi	Mile	Mile
mL	Milliliter	Milliliter
mM	Millimeter	Millimeter
oz	USOunce	US ounce
pc	Piece	Piece
pt	USPint	US Pint
pt_gb	GBPint	GB pint
qt	USQuart	US Quart
qt_gb	GBQuart	GB Quart
SqcM	SquareCentimeter	Square centimeter
Sqft	SquareFoot	Square foot
Sqin	SquareInch	Square inch
SqkM	SquareKilometer	Square kilometer
SqM	SquareMeter	Square meter
Sqmi	SquareMile	Square mile
SqmM	SquareMillimeter	Square millimeter
Sqyd	SquareYard	Square yard
yd	Yard	Yard
MMbbl	MillionBarrels	Million Barrels
USD	USDollars	US Dollars

---

Used in components: [LegStreamCommodity](#)

#### **170.2.2528 LegStreamCommodityXID**

Identifier of this stream commodity for cross referencing elsewhere in the message.

Type: [XID](#)

Used in components: [LegStreamCommodity](#)



### **170.2.2529 LegStreamCommodityXIDRef**

Reference to a stream commodity elsewhere in the message.

Type: **XIDREF**

Used in components: **LegStreamCommodity**

### **170.2.2530 LegStreamCurrency**

Specifies the currency the LegStreamNotional(40246) is denominated in. Uses ISO 4217 currency codes.

Type: **Currency**

Used in groups: **LegStreamGrp**

### **170.2.2531 LegStreamDataProvider**

Specifies the commodity data or information provider.

See <http://www.fpml.org/coding-scheme/commodity-information-provider> for values.

Type: **String**

Used in components: **LegStreamCommodity**

### **170.2.2532 LegStreamDesc**

A short descriptive name given to the payment stream, e.g. CDS, Fixed, Float, Float2, GBP. The description has no intrinsic meaning but should be arbitrarily chosen by the remitter as a reference.

Type: **String**

Used in groups: **LegStreamGrp**

### **170.2.2533 LegStreamEffectiveDateAdjusted**

The adjusted effective date.

Type: **LocalMktDate**

Used in components: **LegStreamEffectiveDate**

**170.2.2534 LegStreamEffectiveDateBusinessCenter**

The business center calendar used to adjust the instrument leg's stream's effective date or relative effective date, e.g. "GBLO".

See <http://www.fpml.org/coding-scheme/business-center> for standard 4-character code values.

Type: **String**

Used in groups: **LegStreamEffectiveDateBusinessCenterGrp**

**170.2.2535 LegStreamEffectiveDateBusinessCenterGrp**

LegStreamEffectiveDateBusinessCenterGrp is a repeating subcomponent within the LegStreamEffectiveDate component. It is used to specify the set of business centers whose calendars drive the date adjustment. Used only to override the business centers defined in the LegDateAdjustment component in InstrumentLeg.

Name	Mult.	Type	Description
<b>NoLegStreamEffectiveDateBusinessCenters</b>	[1..1]	NumInGroup	
<b>LegStreamEffectiveDateBusinessCenter</b>	[0..1]	String	Required if NoLegStreamEffectiveDateBusinessCenters(40942) > 0.

Used in components: **LegStreamEffectiveDate**

**170.2.2536 LegStreamEffectiveDateBusinessDayConvention**

The business day convention used to adjust the instrument leg's stream's effective date or relative effective date. Used only to override the business day convention specified in the LegDateAdjustment component within the InstrumentLeg component.

Type: **int**

Allowed values in BusinessDayConventionCodeSet:

Code	Name	Description
0	NotApplicable	Not applicable. Business day convention is not applicable.
1	None	None (current day)

Code	Name	Description
2	FollowingDay	Following day. The following business day.
3	FloatingRateNote	Floating rate note. The FRN business day convention.
4	ModifiedFollowingDay	Modified following day. The modified following business day.
5	PrecedingDay	Preceding day. The preceding business day.
6	ModifiedPrecedingDay	Modified preceding day. The modified preceding business day.
7	NearestDay	Nearest day. The nearest applicable business day.

Used in components: [LegStreamEffectiveDate](#)

### 170.2.2537 LegStreamEffectiveDate

LegStreamEffectiveDate is a subcomponent of the LegStreamGrp component used to specify the effective date of the stream.

Name	Mult.	Type	Description
<a href="#">LegStreamEffectiveDateUnadjusted</a>	[0..1]	LocalMktDate	
<a href="#">LegStreamEffectiveDateBusinessDayConvention</a>	[0..1]	CodeSet	When specified, this overrides the business day convention defined in the LegDateAdjustment component in InstrumentLeg. The specified value would be specific to this instance of the leg stream effective date.
<a href="#">LegStreamEffectiveDateBusinessCenterGrp</a>	[0..*]	Group	When specified, this overrides the business centers defined in the LegDateAdjustment component in InstrumentLeg. The specified values would be specific to this instance of the leg stream stream effective date.
<a href="#">LegStreamEffectiveDateRelativeTo</a>	[0..1]	int	
<a href="#">LegStreamEffectiveDateOffsetPeriod</a>	[0..1]	int	Conditionally required when LegPaymentStreamEffectiveDateOffsetUnit(40254) is specified.
<a href="#">LegStreamEffectiveDateOffsetUnit</a>	[0..1]	CodeSet	Conditionally required when LegPaymentStreamEffectiveDateOffsetPeriod(40253) is specified.
<a href="#">LegStreamEffectiveDateOffsetDayType</a>	[0..1]	CodeSet	
<a href="#">LegStreamEffectiveDateAdjusted</a>	[0..1]	LocalMktDate	

Used in groups: [LegStreamGrp](#)

**170.2.2538 LegStreamEffectiveDateOffsetDayType**

Specifies the day type of the relative effective date offset.

Type: **int**

Allowed values in PaymentStreamPaymentDateOffsetDayTypeCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	Business	Business
1	Calendar	Calendar
2	CommodityBusiness	Commodity business
3	CurrencyBusiness	Currency business
4	ExchangeBusiness	Exchange business
5	ScheduledTradingDay	Scheduled trading day

---

Used in components: [LegStreamEffectiveDate](#)

**170.2.2539 LegStreamEffectiveDateOffsetPeriod**

Time unit multiplier for the relative effective date offset.

Type: **int**

Used in components: [LegStreamEffectiveDate](#)

**170.2.2540 LegStreamEffectiveDateOffsetUnit**

Time unit associated with the relative effective date offset.

Type: **String**

Allowed values in PaymentStreamPaymentDateOffsetUnitCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
D	Day	Day
Wk	Week	Week
Mo	Month	Month
Yr	Year	Year

---

Used in components: [LegStreamEffectiveDate](#)

#### **170.2.2541 LegStreamEffectiveDateRelativeTo**

Specifies the anchor date when the effective date is relative to an anchor date.

See [http://www.fixtradingcommunity.org/codelists#Relative\\_To\\_Date](http://www.fixtradingcommunity.org/codelists#Relative_To_Date) for values

Type: **int**

Used in components: **LegStreamEffectiveDate**

#### **170.2.2542 LegStreamEffectiveDateUnadjusted**

The unadjusted effective date.

Type: **LocalMktDate**

Used in components: **LegStreamEffectiveDate**

#### **170.2.2543 LegStreamFirstCompoundingPeriodEndDateUnadjusted**

The unadjusted end date of the initial compounding period.

Type: **LocalMktDate**

Used in components: **LegStreamCalculationPeriodDates**

#### **170.2.2544 LegStreamFirstPeriodStartDateAdjusted**

The adjusted first calculation period start date, if it is before the effective date.

Type: **LocalMktDate**

Used in components: **LegStreamCalculationPeriodDates**

#### **170.2.2545 LegStreamFirstPeriodStartDateBusinessCenter**

The business center calendar used to adjust the instrument leg's stream's first calculation period start date, e.g. "GBLO".

See <http://www.fpml.org/coding-scheme/business-center> for standard 4-character code values.

Type: **String**

Used in groups: **LegStreamFirstPeriodStartDateBusinessCenterGrp**

**170.2.2546 LegStreamFirstPeriodStartDateBusinessCenterGrp**

LegStreamFirstPeriodStartDateBusinessCenterGrp is a repeating subcomponent within the LegStreamCalculationPeriodDates component. It is used to specify the set of business centers whose calendars drive the date adjustment. Used only to override the business centers defined in the LegDateAdjustment component in InstrumentLeg.

Name	Mult.	Type	Description
NoLegStreamFirstPeriodStartDateBusinessCenters	[1..1]	NumInGroup	
LegStreamFirstPeriodStartDateBusinessCenter	[0..1]	String	Required if NoLegStreamFirstPeriodStartDateBusinessCenters(40941) > 0.

Used in components: [LegStreamCalculationPeriodDates](#)

**170.2.2547 LegStreamFirstPeriodStartDateBusinessDayConvention**

The business day convention used to adjust the instrument leg's stream's first calculation period start date. Used only to override the business day convention specified in the LegDateAdjustment component within the InstrumentLeg component.

Type: **int**

Allowed values in BusinessDayConventionCodeSet:

Code	Name	Description
0	NotApplicable	Not applicable. Business day convention is not applicable.
1	None	None (current day)
2	FollowingDay	Following day. The following business day.
3	FloatingRateNote	Floating rate note. The FRN business day convention.
4	ModifiedFollowingDay	Modified following day. The modified following business day.
5	PrecedingDay	Preceding day. The preceding business day.
6	ModifiedPrecedingDay	Modified preceding day. The modified preceding business day.
7	NearestDay	Nearest day. The nearest applicable business day.

Used in components: [LegStreamCalculationPeriodDates](#)

**170.2.2548 LegStreamFirstPeriodStartDateUnadjusted**

The unadjusted first calculation period start date if before the effective date.

Type: [LocalMktDate](#)

Used in components: [LegStreamCalculationPeriodDates](#)

**170.2.2549 LegStreamFirstRegularPeriodStartDateUnadjusted**

The unadjusted first start date of the regular calculation period, if there is an initial stub period.

Type: [LocalMktDate](#)

Used in components: [LegStreamCalculationPeriodDates](#)

**170.2.2550 LegStreamGrp**

The LegStreamGrp is a repeating subcomponent of the InstrumentLeg component used to detail the swap streams associated with the instrument.

---

Name	Mult.	Type	Description
<a href="#">NoLegStreams</a>	[1..1]	NumInGroup	
<a href="#">LegStreamType</a>	[0..1]	CodeSet	Required if NoLegStreams(40241) > 0.
<a href="#">LegStreamXID</a>	[0..1]	XID	
<a href="#">LegStreamDesc</a>	[0..1]	String	
<a href="#">LegStreamVersion</a>	[0..1]	String	
<a href="#">LegStreamVersionEffectiveDate</a>	[0..1]	LocalMktDate	
<a href="#">LegStreamPaySide</a>	[0..1]	CodeSet	
<a href="#">LegStreamReceiveSide</a>	[0..1]	CodeSet	
<a href="#">LegStreamNotionalXIDRef</a>	[0..1]	XIDREF	
<a href="#">LegStreamNotional</a>	[0..1]	Amt	
<a href="#">LegStreamCurrency</a>	[0..1]	Currency	
<a href="#">LegStreamNotionalDetermination-Method</a>	[0..1]	String	
<a href="#">LegStreamNotionalAdjustments</a>	[0..1]	CodeSet	
<a href="#">LegStreamNotionalFrequencyPeriod</a>	[0..1]	int	Conditionally required when LegStreamNotionalFrequencyUnit(41704) is specified.

---

Name	Mult.	Type	Description
LegStreamNotionalFrequencyUnit	[0..1]	CodeSet	Conditionally required when LegStreamNotionalFrequencyPeriod(41703) is specified.
LegStreamNotionalCommodityFrequency	[0..1]	CodeSet	
LegStreamNotionalUnitOfMeasure	[0..1]	CodeSet	
LegStreamTotalNotional	[0..1]	Qty	
LegStreamTotalNotionalUnitOfMeasure	[0..1]	CodeSet	
LegStreamCommodity	[0..1]	Component	
LegStreamEffectiveDate	[0..1]	Component	
LegStreamTerminationDate	[0..1]	Component	
LegStreamCalculationPeriodDates	[0..1]	Component	
LegPaymentStream	[0..1]	Component	
LegPaymentScheduleGrp	[0..*]	Group	
LegPaymentStubGrp	[0..*]	Group	
LegDeliveryStream	[0..1]	Component	
LegDeliveryScheduleGrp	[0..*]	Group	
LegStreamText	[0..1]	String	
EncodedLegStreamTextLen	[0..1]	Length	Must be set if EncodedLegStreamText(40979) field is specified and must immediately precede it.
EncodedLegStreamText	[0..1]	data	Encoded (non-ASCII characters) representation of the LegStreamText(40248) field in the encoded format specified via the MessageEncoding(347) field.

Used in components: [InstrumentLeg](#)

### 170.2.2551 LegStreamLastRegularPeriodEndDateUnadjusted

The unadjusted last regular period end date if there is a final stub period.

Type: [LocalMktDate](#)

Used in components: [LegStreamCalculationPeriodDates](#)



#### **170.2.2552 LegStreamMaximumPaymentAmount**

Specifies the limit on the total payment amount.

Type: **Amt**

Used in components: **LegPaymentStream**

#### **170.2.2553 LegStreamMaximumPaymentCurrency**

Specifies the currency of total payment amount limit. Uses ISO 4217 currency codes.

Type: **Currency**

Used in components: **LegPaymentStream**

#### **170.2.2554 LegStreamMaximumTransactionAmount**

Specifies the limit on the payment amount that goes out in any particular calculation period.

Type: **Amt**

Used in components: **LegPaymentStream**

#### **170.2.2555 LegStreamMaximumTransactionCurrency**

Specifies the currency of the period payment amount limit. Uses ISO 4217 currency codes.

Type: **Currency**

Used in components: **LegPaymentStream**

#### **170.2.2556 LegStreamNotional**

Notional, or initial notional value for the payment stream. The LegPaymentSchedule component should be used for specifying the steps.

Type: **Amt**

Used in groups: **LegStreamGrp**

**170.2.2557 LegStreamNotionalAdjustments**

For equity swaps this specifies the conditions that govern the adjustment to the number of units of the swap.

Type: **int**

Allowed values in StreamNotionalAdjustmentsCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	Execution	Execution. The adjustments to the number of units are governed by an execution clause.
1	PortfolioRebalancing	Portfolio rebalancing. The adjustments to the number of units are governed by a portfolio rebalancing clause.
2	Standard	Standard. The adjustments to the number of units are not governed by any specific clause.

---

Used in groups: **LegStreamGrp**

**170.2.2558 LegStreamNotionalCommodityFrequency**

The commodity's notional or quantity delivery frequency.

Type: **int**

Allowed values in StreamNotionalCommodityFrequencyCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	Term	Term
1	PerBusinessDay	Per business day
2	PerCalculationPeriod	Per calculation period
3	PerSettlPeriod	Per settlement period
4	PerCalendarDay	Per calendar day
5	PerHour	Per hour
6	PerMonth	Per month

---

Used in groups: **LegStreamGrp**

**170.2.2559 LegStreamNotionalDeterminationMethod**

Specifies the method for determining the floating notional value for equity swaps.

See <http://www.fpml.org/coding-scheme/determination-method> for values.

Type: **String**

Used in groups: **LegStreamGrp**

**170.2.2560 LegStreamNotionalFrequencyPeriod**

Time unit multiplier for the swap stream's notional frequency.

Type: **int**

Used in groups: **LegStreamGrp**

**170.2.2561 LegStreamNotionalFrequencyUnit**

Time unit associated with the swap stream's notional frequency.

Type: **String**

Allowed values in TimeUnitCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
H	Hour	Hour
Min	Minute	Minute
S	Second	Second
D	Day	Day
Wk	Week	Week
Mo	Month	Month
Yr	Year	Year
Q	Quarter	Quarter
EOM	EndOfMonth	End of Month. End of Month identifies a relative time unit, e.g. until the third Friday of each month.
F	Flexible	Flexible. A flexible time unit indicates that a specific time unit for the contract is currently undetermined.

---

Used in groups: **LegStreamGrp**

**170.2.2562 LegStreamNotionalUnitOfMeasure**

Specifies the delivery quantity unit of measure (UOM).

Type: **String**

Allowed values in UnitOfMeasureCodeSet:

<b>Code</b>	<b>Name</b>	<b>Description</b>
Alw	Allowances	Allowances
Bcf	BillionCubicFeet	Billion cubic feet
Bbl	Barrels	Barrels. Equal to 42 US gallons
CBM	CubicMeters	Cubic Meters
BDFT	BoardFeet	Board feet. Equal to 144 cubic inches
GJ	Gigajoules	gigajoules
Bu	Bushels	Bushels
kHR	HeatRate	Heat rate. The number of BTUs required to produce one kilowatt hour of electricity, typically 3,412.14 BTUs per 1 kWh.
Ccy	Currency	Amount of currency
kWh	KilowattHours	Kilowatt hours
CDD	CoolingDegreeDay	Cooling degree day
MHR	MegaHeatRate	Mega heat rate. The number of million BTUs required to produce one megawatt hour of electricity, typically 3.41214 million BTUs per 1 MWh.
CER	CertifiedEmissionsReduction	Certified emissions reduction
MMBtu	OneMillionBTU	One Million BTU
CPD	CriticalPrecipDay	Critical precipitation day
MWh	MegawattHours	Megawatt hours
CRT	ClimateReserveTonnes	Climate reserve tonnes
thm	Therms	therms. Equal to 100,000 BTU
cwt	Hundredweight	Hundredweight(US). Equal to 100 lbs
tnCO2	TonsOfCarbonDioxide	Tons of carbon dioxide
day	Day	Days
dt	DryMetricTons	Dry metric tons
EnvAllwnc	EnvAllwncCert	Environmental allowance certificates
EnvCrd	EnvironmentalCredit	Environmental credit
EnvOfst	EnvironmentalOffset	Environmental Offset
g	Grams	Grams

<b>Code</b>	<b>Name</b>	<b>Description</b>
Gal	Gallons	Gallons
GT	GrossTons	Gross tons. Also known as long tons or imperial tons, equal to 2240 lbs
HDD	HeatingDegreeDay	Heating degree day
IPNT	IndexPoint	Index point
kg	Kilograms	Kilograms
kL	Kiloliters	kiloliters
kW-a	KilowattYear	Kilowatt year (electrical capacity)
kW-d	KilowattDay	Kilowatt day (electrical capacity)
kW-h	KilowattHour	Kilowatt hour (electrical capacity)
kW-M	KilowattMonth	Kilowatt month (electrical capacity)
kW-min	KilowattMinute	Kilowatt-Minute (electrical capacity)
L	Liters	liters
lbs	Pounds	pounds
MW-a	MegawattYear	Megawatt year (electrical capacity)
MW-d	MegawattDay	Megawatt day (electrical capacity)
MW-h	MegawattHour	Megawatt hour (electrical capacity)
MW-M	MegawattMonth	Megawatt month (electrical capacity)
MW-min	MegawattMinute	Megawatt minute (electrical capacity)
oz_tr	TroyOunces	Troy ounces
PRINC	PrincipalWithRelationToDebtInstrument	Principal with relation to debt instrument
t	MetricTons	Metric tons. Also known as Tonnes, equal to 1000 kg
tn	Tons	Tons (US). Equal to 2000 lbs
a	Are	Are
ac	Acre	Acre
cL	Centiliter	Centiliter
cM	Centimeter	Centimeter
DGE	DieselGallonEquivalent	Diesel gallon equivalent
ft	Foot	Foot
Gal_gb	GBGallon	GB Gallon
GGE	GasolineGallonEquivalent	Gasonline gallon equivalent
ha	Hectare	Hectare
in	Inch	Inch
kM	Kilometer	Kilometer

<b>Code</b>	<b>Name</b>	<b>Description</b>
M	Meter	Meter
mi	Mile	Mile
mL	Milliliter	Milliliter
mM	Millimeter	Millimeter
oz	USOunce	US ounce
pc	Piece	Piece
pt	USPint	US Pint
pt_gb	GBPint	GB pint
qt	USQuart	US Quart
qt_gb	GBQuart	GB Quart
SqcM	SquareCentimeter	Square centimeter
Sqft	SquareFoot	Square foot
Sqin	SquareInch	Square inch
SqkM	SquareKilometer	Square kilometer
SqM	SquareMeter	Square meter
Sqmi	SquareMile	Square mile
SqmM	SquareMillimeter	Square millimeter
Sqyd	SquareYard	Square yard
yd	Yard	Yard
MMbbl	MillionBarrels	Million Barrels
USD	USDollars	US Dollars

Used in groups: [LegStreamGrp](#)

### **170.2.2563 LegStreamNotionalXIDRef**

Cross reference to another LegStream notional for duplicating its properties.

Type: [XIDREF](#)

Used in groups: [LegStreamGrp](#)

### **170.2.2564 LegStreamPaySide**

The side of the party paying the stream.

Type: **int**

Allowed values in PaymentPaySideCodeSet:

---

Code	Name	Description
1	Buy	Buy
2	Sell	Sell

---

Used in groups: **LegStreamGrp**

#### **170.2.2565 LegStreamReceiveSide**

The side of the party receiving the stream.

Type: **int**

Allowed values in PaymentPaySideCodeSet:

---

Code	Name	Description
1	Buy	Buy
2	Sell	Sell

---

Used in groups: **LegStreamGrp**

#### **170.2.2566 LegStreamTerminationDateAdjusted**

The adjusted termination date.

Type: **LocalMktDate**

Used in components: **LegStreamTerminationDate**

#### **170.2.2567 LegStreamTerminationDateBusinessCenter**

The business center calendar used to adjust the instrument leg's stream's termination, or relative termination, date, e.g. "GBLO".

See <http://www.fpml.org/coding-scheme/business-center> for standard 4-character code values.

Type: **String**

Used in groups: **LegStreamTerminationDateBusinessCenterGrp**

**170.2.2568 LegStreamTerminationDateBusinessCenterGrp**

LegStreamTerminationDateBusinessCenterGrp is a repeating subcomponent within the LegStreamTerminationDate component. It is used to specify the set of business centers whose calendars drive the date adjustment. Used only to override the business centers defined in the LegDateAdjustment component in InstrumentLeg.

Name	Mult.	Type	Description
NoLegStreamTerminationDateBusinessCenters	[1..1]	NumInGroup	
LegStreamTerminationDateBusinessCenter	[0..1]	String	Required if NoLegStreamTerminationDateBusinessCenters(40943) > 0.

Used in components: [LegStreamTerminationDate](#)

**170.2.2569 LegStreamTerminationDateBusinessDayConvention**

The business day convention used to adjust the instrument leg's stream's termination, or relative termination, date. Used only to override the business day convention specified in the LegDateAdjustment component within the InstrumentLeg component.

Type: [int](#)

Allowed values in BusinessDayConventionCodeSet:

Code	Name	Description
0	NotApplicable	Not applicable. Business day convention is not applicable.
1	None	None (current day)
2	FollowingDay	Following day. The following business day.
3	FloatingRateNote	Floating rate note. The FRN business day convention.
4	ModifiedFollowingDay	Modified following day. The modified following business day.
5	PrecedingDay	Preceding day. The preceding business day.
6	ModifiedPrecedingDay	Modified preceding day. The modified preceding business day.
7	NearestDay	Nearest day. The nearest applicable business day.

Used in components: [LegStreamTerminationDate](#)



**170.2.2570 LegStreamTerminationDate**

LegStreamTerminationDate is a subcomponent of the LegStreamGrp component used to specify the termination date of the stream.

Name	Mult.	Type	Description
LegStreamTerminationDateUnadjusted	[0..1]	LocalMktDate	
LegStreamTerminationDateBusinessDayConvention	[0..1]	CodeSet	When specified, this overrides the business day convention defined in the LegDateAdjustment component in InstrumentLeg. The specified value would be specific to this instance of the leg stream termination date.
LegStreamTerminationDateBusinessCenterGrp	[0..*]	Group	When specified, this overrides the business centers defined in the LegDateAdjustment component in InstrumentLeg. The specified values would be specific to this instance of the leg stream termination date.
LegStreamTerminationDateRelativeTo	[0..1]	int	
LegStreamTerminationDateOffsetPeriod	[0..1]	int	Conditionally required when LegStreamTerminationDateOffsetUnit(40262) is specified.
LegStreamTerminationDateOffsetUnit	[0..1]	CodeSet	Conditionally required when LegStreamTerminationDateOffsetPeriod(40261) is specified.
LegStreamTerminationDateOffsetDayType	[0..1]	CodeSet	
LegStreamTerminationDateAdjusted	[0..1]	LocalMktDate	

Used in groups: [LegStreamGrp](#)

**170.2.2571 LegStreamTerminationDateOffsetDayType**

Specifies the day type of the relative termination date offset.

Type: [int](#)

Allowed values in PaymentStreamPaymentDateOffsetDayTypeCodeSet:

---

Code	Name	Description
0	Business	Business
1	Calendar	Calendar
2	CommodityBusiness	Commodity business
3	CurrencyBusiness	Currency business
4	ExchangeBusiness	Exchange business
5	ScheduledTradingDay	Scheduled trading day

---

Used in components: [LegStreamTerminationDate](#)

#### **170.2.2572 LegStreamTerminationDateOffsetPeriod**

Time unit multiplier for the relative termination date offset.

Type: [int](#)

Used in components: [LegStreamTerminationDate](#)

#### **170.2.2573 LegStreamTerminationDateOffsetUnit**

Time unit associated with the relative termination date offset.

Type: [String](#)

Allowed values in PaymentStreamPaymentDateOffsetUnitCodeSet:

---

Code	Name	Description
D	Day	Day
Wk	Week	Week
Mo	Month	Month
Yr	Year	Year

---

Used in components: [LegStreamTerminationDate](#)

#### **170.2.2574 LegStreamTerminationDateRelativeTo**

Specifies the anchor date when the termination date is relative to an anchor date.

See [http://www.fixtradingcommunity.org/codelists#Relative\\_To\\_Date](http://www.fixtradingcommunity.org/codelists#Relative_To_Date) for values.

Type: **int**

Used in components: **LegStreamTerminationDate**

### **170.2.2575 LegStreamTerminationDateUnadjusted**

The unadjusted termination date.

Type: **LocalMktDate**

Used in components: **LegStreamTerminationDate**

### **170.2.2576 LegStreamText**

Free form text to specify additional information or enumeration description when a standard value does not apply.

Type: **String**

Used in groups: **LegStreamGrp**

### **170.2.2577 LegStreamTotalNotional**

Specifies the total notional or delivery quantity over the term of the contract.

Type: **Qty**

Used in groups: **LegStreamGrp**

### **170.2.2578 LegStreamTotalNotionalUnitOfMeasure**

Specifies the unit of measure (UOM) for the total notional or delivery quantity over the term of the contract.

Type: **String**

Allowed values in UnitOfMeasureCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
Alw	Allowances	Allowances
Bcf	BillionCubicFeet	Billion cubic feet

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
Bbl	Barrels	Barrels. Equal to 42 US gallons
CBM	CubicMeters	Cubic Meters
BDFT	BoardFeet	Board feet. Equal to 144 cubic inches
GJ	Gigajoules	gigajoules
Bu	Bushels	Bushels
kHR	HeatRate	Heat rate. The number of BTUs required to produce one kilowatt hour of electricity, typically 3,412.14 BTUs per 1 kWh.
Ccy	Currency	Amount of currency
kWh	KilowattHours	Kilowatt hours
CDD	CoolingDegreeDay	Cooling degree day
MHR	MegaHeatRate	Mega heat rate. The number of million BTUs required to produce one megawatt hour of electricity, typically 3.41214 million BTUs per 1 MWh.
CER	CertifiedEmissionsReduction	Certified emissions reduction
MMBtu	OneMillionBTU	One Million BTU
CPD	CriticalPrecipDay	Critical precipitation day
MWh	MegawattHours	Megawatt hours
CRT	ClimateReserveTonnes	Climate reserve tonnes
thm	Therms	therms. Equal to 100,000 BTU
cwt	Hundredweight	Hundredweight(US). Equal to 100 lbs
tnCO2	TonsOfCarbonDioxide	Tons of carbon dioxide
day	Day	Days
dt	DryMetricTons	Dry metric tons
EnvAllwnc	EnvAllwncCert	Environmental allowance certificates
EnvCrd	EnvironmentalCredit	Environmental credit
EnvOfst	EnvironmentalOffset	Environmental Offset
g	Grams	Grams
Gal	Gallons	Gallons
GT	GrossTons	Gross tons. Also known as long tons or imperial tons, equal to 2240 lbs
HDD	HeatingDegreeDay	Heating degree day
IPNT	IndexPoint	Index point
kg	Kilograms	Kilograms
kL	Kiloliters	kiloliters
kW-a	KilowattYear	Kilowatt year (electrical capacity)

<b>Code</b>	<b>Name</b>	<b>Description</b>
kW-d	KilowattDay	Kilowatt day (electrical capacity)
kW-h	KilowattHour	Kilowatt hour (electrical capacity)
kW-M	KilowattMonth	Kilowatt month (electrical capacity)
kW-min	KilowattMinute	Kilowatt-Minute (electrical capacity)
L	Liters	liters
lbs	Pounds	pounds
MW-a	MegawattYear	Megawatt year (electrical capacity)
MW-d	MegawattDay	Megawatt day (electrical capacity)
MW-h	MegawattHour	Megawatt hour (electrical capacity)
MW-M	MegawattMonth	Megawatt month (electrical capacity)
MW-min	MegawattMinute	Megawatt minute (electrical capacity)
oz_tr	TroyOunces	Troy ounces
PRINC	PrincipalWithRelationToDebtInstrument	Principal with relation to debt instrument
t	MetricTons	Metric tons. Also known as Tonnes, equal to 1000 kg
tn	Tons	Tons (US). Equal to 2000 lbs
a	Are	Are
ac	Acre	Acre
cL	Centiliter	Centiliter
cM	Centimeter	Centimeter
DGE	DieselGallonEquivalent	Diesel gallon equivalent
ft	Foot	Foot
Gal_gb	GBGallon	GB Gallon
GGE	GasolineGallonEquivalent	Gasonline gallon equivalent
ha	Hectare	Hectare
in	Inch	Inch
kM	Kilometer	Kilometer
M	Meter	Meter
mi	Mile	Mile
mL	Milliliter	Milliliter
mM	Millimeter	Millimeter
oz	USOunce	US ounce
pc	Piece	Piece
pt	USPint	US Pint

Code	Name	Description
pt_gb	GBPint	GB pint
qt	USQuart	US Quart
qt_gb	GBQuart	GB Quart
SqcM	SquareCentimeter	Square centimeter
Sqft	SquareFoot	Square foot
Sqin	SquareInch	Square inch
SqkM	SquareKilometer	Square kilometer
SqM	SquareMeter	Square meter
Sqmi	SquareMile	Square mile
SqmM	SquareMillimeter	Square millimeter
Sqyd	SquareYard	Square yard
yd	Yard	Yard
MMbbl	MillionBarrels	Million Barrels
USD	USDollars	US Dollars

---

Used in groups: [LegStreamGrp](#)

### 170.2.2579 LegStreamType

Type of swap stream.

Type: [int](#)

Allowed values in StreamTypeCodeSet:

Code	Name	Description
0	PaymentCashSettlement	Payment / cash settlement
1	PhysicalDelivery	Physical delivery

---

Used in groups: [LegStreamGrp](#)

### 170.2.2580 LegStreamVersion

The stream version identifier when there have been modifications to the contract over time. Helps signal when there are embedded changes.

Type: **String**

Used in groups: **LegStreamGrp**

### **170.2.2581 LegStreamVersionEffectiveDate**

The effective date of the LegStreamVersion(42583).

Type: **LocalMktDate**

Used in groups: **LegStreamGrp**

### **170.2.2582 LegStreamXID**

Identifier of this LegStream for cross referencing elsewhere in the message.

Type: **XID**

Used in groups: **LegStreamGrp**

### **170.2.2583 LegStrikeCurrency**

Currency in which the strike price of a instrument leg of a multileg instrument is denominated

Type: **Currency**

Used in components: **InstrumentLeg**

### **170.2.2584 LegStrikeCurrencyCodeSource**

Identifies class or source of the LegStrikeCurrency(942) value.

Type: **String**

Allowed values in CurrencyCodeSourceCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
1	CUSIP	CUSIP
2	SEDOL	SEDOL
4	ISINNumber	ISIN
6	ISOCurrencyCode	ISO Currency Code (ISO 4217)

---

Code	Name	Description
S	FinancialInstrumentGlobalIdentifier	Financial Instrument Global Identifier. An Object Management Group (OMG) standard. Also referred to as FIGI. Formerly known as "Bloomberg Open Symbology BBGID".
Y	DigitalTokenIdentifier	Digital Token Identifier (ISO 24165)

Used in components: [InstrumentLeg](#)

### 170.2.2585 LegStrikeIndex

Specifies the index used to calculate the strike price.

Type: [String](#)

Used in components: [InstrumentLeg](#)

### 170.2.2586 LegStrikeIndexCurvePoint

The point on the floating rate index curve. Sample values:

M = combination of a number between 1-12 and an "M" for month, e.g. 3M

Y = combination of number between 1-100 and a "Y" for year, e.g. 10Y

10Y-OLD = see above, then add "-OLD" when appropriate

INTERPOLATED = the point is mathematically derived

2/2031 5 3/8 = the point is stated via a combination of maturity month / year and coupon.

Type: [String](#)

Used in components: [InstrumentLeg](#)

### 170.2.2587 LegStrikeIndexQuote

The quote side from which the index price is to be determined.

Type: [int](#)

Allowed values in StrikeIndexQuoteCodeSet:



---

Code	Name	Description
0	Bid	Bid.
1	Mid	Mid
2	Offer	Offer

---

Used in components: [InstrumentLeg](#)

### **170.2.2588 LegStrikeIndexSpread**

Specifies the strike price offset from the named index.

Type: [PriceOffset](#)

Used in components: [InstrumentLeg](#)

### **170.2.2589 LegStrikeMultiplier**

Used for derivatives. Multiplier applied to the strike price for the purpose of calculating the settlement value.

Type: [float](#)

Used in components: [InstrumentLeg](#)

### **170.2.2590 LegStrikePrice**

Multileg instrument's individual security's StrikePrice.

See StrikePrice (202) field for description

Type: [Price](#)

Used in components: [InstrumentLeg](#)

### **170.2.2591 LegStrikePriceBoundaryMethod**

Specifies the boundary condition to be used for the strike price relative to the underlying price at the point of option exercise.

Type: [int](#)

Allowed values in StrikePriceBoundaryMethodCodeSet:

Code	Name	Description
1	LessThan	Less than underlying price is in-the-money (ITM)
2	LessThanOrEqual	Less than or equal to the underlying price is in-the-money(ITM)
3	Equal	Equal to the underlying price is in-the-money(ITM)
4	GreaterThanOrEqual	Greater than or equal to underlying price is in-the-money(ITM)
5	GreaterThan	Greater than underlying is in-the-money(ITM)

Used in components: [InstrumentLeg](#)

### 170.2.2592 LegStrikePriceBoundaryPrecision

Used in combination with StrikePriceBoundaryMethod(2187) to specify the percentage of the strike price in relation to the underlying price. The percentage is generally 100 or greater for puts and 100 or less for calls.

Type: [Percentage](#)

Used in components: [InstrumentLeg](#)

### 170.2.2593 LegStrikePriceDeterminationMethod

Specifies how the strike price is determined at the point of option exercise. The strike may be fixed throughout the life of the option, set at expiration to the value of the underlying, set to the average value of the underlying, or set to the optimal value of the underlying.

Type: [int](#)

Allowed values in StrikePriceDeterminationMethodCodeSet:

Code	Name	Description
1	FixedStrike	Fixed strike (default if not specified)
2	StrikeSetAtExpiration	Strike set at expiration to underlying or other value (lookback floating)
3	StrikeSetToAverageAcrossLife	Strike set to average of underlying settlement price across the life of the option
4	StrikeSetToOptimalValue	Strike set to optimal value

Used in components: [InstrumentLeg](#)

**170.2.2594 LegStrikeUnitOfMeasure**

Used to express the unit of measure (UOM) of the price if different from the contract.

Type: **String**

Allowed values in UnitOfMeasureCodeSet:

<b>Code</b>	<b>Name</b>	<b>Description</b>
Alw	Allowances	Allowances
Bcf	BillionCubicFeet	Billion cubic feet
Bbl	Barrels	Barrels. Equal to 42 US gallons
CBM	CubicMeters	Cubic Meters
BDFT	BoardFeet	Board feet. Equal to 144 cubic inches
GJ	Gigajoules	gigajoules
Bu	Bushels	Bushels
kHR	HeatRate	Heat rate. The number of BTUs required to produce one kilowatt hour of electricity, typically 3,412.14 BTUs per 1 kWh.
Ccy	Currency	Amount of currency
kWh	KilowattHours	Kilowatt hours
CDD	CoolingDegreeDay	Cooling degree day
MHR	MegaHeatRate	Mega heat rate. The number of million BTUs required to produce one megawatt hour of electricity, typically 3.41214 million BTUs per 1 MWh.
CER	CertifiedEmissionsReduction	Certified emissions reduction
MMBtu	OneMillionBTU	One Million BTU
CPD	CriticalPrecipDay	Critical precipitation day
MWh	MegawattHours	Megawatt hours
CRT	ClimateReserveTonnes	Climate reserve tonnes
thm	Therms	therms. Equal to 100,000 BTU
cwt	Hundredweight	Hundredweight(US). Equal to 100 lbs
tnCO2	TonsOfCarbonDioxide	Tons of carbon dioxide
day	Day	Days
dt	DryMetricTons	Dry metric tons
EnvAllwnc	EnvAllwncCert	Environmental allowance certificates
EnvCrd	EnvironmentalCredit	Environmental credit
EnvOfst	EnvironmentalOffset	Environmental Offset
g	Grams	Grams

<b>Code</b>	<b>Name</b>	<b>Description</b>
Gal	Gallons	Gallons
GT	GrossTons	Gross tons. Also known as long tons or imperial tons, equal to 2240 lbs
HDD	HeatingDegreeDay	Heating degree day
IPNT	IndexPoint	Index point
kg	Kilograms	Kilograms
kL	Kiloliters	kiloliters
kW-a	KilowattYear	Kilowatt year (electrical capacity)
kW-d	KilowattDay	Kilowatt day (electrical capacity)
kW-h	KilowattHour	Kilowatt hour (electrical capacity)
kW-M	KilowattMonth	Kilowatt month (electrical capacity)
kW-min	KilowattMinute	Kilowatt-Minute (electrical capacity)
L	Liters	liters
lbs	Pounds	pounds
MW-a	MegawattYear	Megawatt year (electrical capacity)
MW-d	MegawattDay	Megawatt day (electrical capacity)
MW-h	MegawattHour	Megawatt hour (electrical capacity)
MW-M	MegawattMonth	Megawatt month (electrical capacity)
MW-min	MegawattMinute	Megawatt minute (electrical capacity)
oz_tr	TroyOunces	Troy ounces
PRINC	PrincipalWithRelationToDebtInstrument	Principal with relation to debt instrument
t	MetricTons	Metric tons. Also known as Tonnes, equal to 1000 kg
tn	Tons	Tons (US). Equal to 2000 lbs
a	Are	Are
ac	Acre	Acre
cL	Centiliter	Centiliter
cM	Centimeter	Centimeter
DGE	DieselGallonEquivalent	Diesel gallon equivalent
ft	Foot	Foot
Gal_gb	GBGallon	GB Gallon
GGE	GasolineGallonEquivalent	Gasonline gallon equivalent
ha	Hectare	Hectare
in	Inch	Inch
kM	Kilometer	Kilometer

<b>Code</b>	<b>Name</b>	<b>Description</b>
M	Meter	Meter
mi	Mile	Mile
mL	Milliliter	Milliliter
mM	Millimeter	Millimeter
oz	USOunce	US ounce
pc	Piece	Piece
pt	USPint	US Pint
pt_gb	GBPint	GB pint
qt	USQuart	US Quart
qt_gb	GBQuart	GB Quart
SqcM	SquareCentimeter	Square centimeter
Sqft	SquareFoot	Square foot
Sqin	SquareInch	Square inch
SqkM	SquareKilometer	Square kilometer
SqM	SquareMeter	Square meter
Sqmi	SquareMile	Square mile
SqmM	SquareMillimeter	Square millimeter
Sqyd	SquareYard	Square yard
yd	Yard	Yard
MMbbl	MillionBarrels	Million Barrels
USD	USDollars	US Dollars

---

Used in components: [InstrumentLeg](#)

### **170.2.2595 LegStrikeValue**

The number of shares/units for the financial instrument involved in the option trade. Used for derivatives.

Type: [float](#)

Used in components: [InstrumentLeg](#)

### **170.2.2596 LegSwapClass**

Swap type.

Type: **String**

Allowed values in SwapClassCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
BS	BasisSwap	Basis swap
IX	IndexSwap	Index swap
BB	BroadBasedSecuritySwap	Broad-based security swap
SK	BasketSwap	Basket swap

---

Used in components: **InstrumentLeg**

### **170.2.2597 LegSwapSubClass**

The sub-classification or notional schedule type of the swap.

Type: **String**

Allowed values in SwapSubClassCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
AMTZ	Amortizing	Amortizing notional schedule
COMP	Compounding	Compounding
CNST	ConstantNotionalSchedule	Constant notional schedule
ACRT	AccretingNotionalSchedule	Accreting notional schedule
CUST	CustomNotionalSchedule	Custom notional schedule

---

Used in components: **InstrumentLeg**

### **170.2.2598 LegSwapType**

For Fixed Income, used instead of LegOrderQty(685) to requests the respondent to calculate the quantity based on the quantity on the opposite side of the swap.

Type: **int**

Allowed values in LegSwapTypeCodeSet:

Code	Name	Description
1	ParForPar	Par For Par
2	ModifiedDuration	Modified Duration
4	Risk	Risk
5	Proceeds	Proceeds

Used in groups: [InstrmtLegExecGrp](#), [InstrmtLegSecListGrp](#), [LegOrdGrp](#), [LegQuotGrp](#), [LegQuotStatGrp](#), [QuotReqLegsGrp](#), [SecLstUpdRelSymsLegGrp](#), [SideCrossLegGrp](#), [TrdInstrmtLegGrp](#)

### **170.2.2599 LegSymbol**

Multileg instrument's individual security's Symbol.

See Symbol (55) field for description

Type: [String](#)

Used in components: [InstrumentLeg](#)

### **170.2.2600 LegSymbolPositionNumber**

Reference to the first or second currency or digital asset in LegSymbol(600) for FX-style trading.

Conditionally required when one or both symbols in LegSymbol(600) represent a digital asset.

Type: [int](#)

Used in groups: [LegSecAltIDGrp](#)

### **170.2.2601 LegSymbolSfx**

Multileg instrument's individual security's SymbolSfx.

See SymbolSfx (65) field for description

Type: [String](#)

Allowed values in SymbolSfxCodeSet:

---

Code	Name	Description
CD	EUCPWithLumpSumInterest	EUCP with lump-sum interest rather than discount price
WI	WhenIssued	"When Issued" for a security to be reissued under an old CUSIP or ISIN

---

Used in components: [InstrumentLeg](#)

### 170.2.2602 LegTerminationType

Type of financing termination.

Type: [int](#)

Allowed values in TerminationTypeCodeSet:

---

Code	Name	Description
1	Overnight	Overnight
2	Term	Term
3	Flexible	Flexible
4	Open	Open

---

Used in components: [LegFinancingDetails](#)

### 170.2.2603 LegTimeUnit

See TimeUnit(997) for complete definition.

Type: [String](#)

Allowed values in TimeUnitCodeSet:

---

Code	Name	Description
H	Hour	Hour
Min	Minute	Minute
S	Second	Second
D	Day	Day
Wk	Week	Week

---



Code	Name	Description
Mo	Month	Month
Yr	Year	Year
Q	Quarter	Quarter
EOM	EndOfMonth	End of Month. End of Month identifies a relative time unit, e.g. until the third Friday of each month.
F	Flexible	Flexible. A flexible time unit indicates that a specific time unit for the contract is currently undetermined.

Used in components: [InstrumentLeg](#)

#### **170.2.2604 LegTotalGrossTradeAmt**

Expresses the full total monetary value of the traded contract. The value is the product of LegLastPx(637) and LegTotalTradeQty(2357) or LegTotalTradeMultipliedQty(2360), if priced in units instead of contracts.

Type: [Amt](#)

Used in groups: [TrdInstrmtLegGrp](#)

#### **170.2.2605 LegTotalIssuedAmount**

Specifies the total amount of the issue. Corresponds to the par value multiplied by the number of issued security.

Type: [Amt](#)

Used in components: [InstrumentLeg](#)

#### **170.2.2606 LegTotalTradeMultipliedQty**

Expresses the total trade quantity in units where LegContractMultiplier(614) is not 1. The value is the product of LegTotalTradeQty(2357) and LegContractMultiplier(614).

Type: [Qty](#)

Used in groups: [TrdInstrmtLegGrp](#)

**170.2.2607 LegTotalTradeQty**

Expresses the total quantity traded over the life of the contract when LegLastQty(1418) is to be repeated periodically over the term of the contract. The value is the product of LegLastQty(1418) and LegTradingUnitPeriodMultiplier(2353).

Type: Qty

Used in groups: TrdInstrmtLegGrp

**170.2.2608 LegTradeID**

The TradeID(1003) value corresponding to a trade leg.

Type: String

Used in groups: TrdInstrmtLegExecGrp

**170.2.2609 LegTradeReportID**

The TradeReportID(571) value corresponding to a trade leg.

Type: String

Used in groups: TrdInstrmtLegExecGrp

**170.2.2610 LegTradingUnitPeriodMultiplier**

Indicates the number of contract periods associated with the minimum trading unit for a given contract duration resulting in the number of total traded contracts.

Type: int

Used in components: InstrumentLeg

**170.2.2611 LegUnderlyingPriceDeterminationMethod**

Specifies how the underlying price is determined at the point of option exercise. The underlying price may be set to the current settlement price, set to a special reference, set to the optimal value of the underlying during the defined period ("Look-back") or set to the average value of the underlying during the defined period ("Asian option").

Type: int

Allowed values in UnderlyingPriceDeterminationMethodCodeSet:

Code	Name	Description
1	Regular	Regular
2	SpecialReference	Special reference
3	OptimalValue	Optimal value (Lookback)
4	AverageValue	Average value (Asian option)

Used in components: [InstrumentLeg](#)

### 170.2.2612 LegUnitOfMeasure

Multileg instrument unit of measure.

See UnitOfMeasure(996) for complete definition.

Type: [String](#)

Allowed values in UnitOfMeasureCodeSet:

Code	Name	Description
Alw	Allowances	Allowances
Bcf	BillionCubicFeet	Billion cubic feet
Bbl	Barrels	Barrels. Equal to 42 US gallons
CBM	CubicMeters	Cubic Meters
BDFT	BoardFeet	Board feet. Equal to 144 cubic inches
GJ	Gigajoules	gigajoules
Bu	Bushels	Bushels
kHR	HeatRate	Heat rate. The number of BTUs required to produce one kilowatt hour of electricity, typically 3,412.14 BTUs per 1 kWh.
Ccy	Currency	Amount of currency
kWh	KilowattHours	Kilowatt hours
CDD	CoolingDegreeDay	Cooling degree day
MHR	MegaHeatRate	Mega heat rate. The number of million BTUs required to produce one megawatt hour of electricity, typically 3.41214 million BTUs per 1 MWh.
CER	CertifiedEmissionsReduction	Certified emissions reduction
MMBtu	OneMillionBTU	One Million BTU

<b>Code</b>	<b>Name</b>	<b>Description</b>
CPD	CriticalPrecipDay	Critical precipitation day
MWh	MegawattHours	Megawatt hours
CRT	ClimateReserveTonnes	Climate reserve tonnes
thm	Therms	therms. Equal to 100,000 BTU
cwt	Hundredweight	Hundredweight(US). Equal to 100 lbs
tnCO2	TonsOfCarbonDioxide	Tons of carbon dioxide
day	Day	Days
dt	DryMetricTons	Dry metric tons
EnvAllwnc	EnvAllwncCert	Environmental allowance certificates
EnvCrd	EnvironmentalCredit	Environmental credit
EnvOfst	EnvironmentalOffset	Environmental Offset
g	Grams	Grams
Gal	Gallons	Gallons
GT	GrossTons	Gross tons. Also known as long tons or imperial tons, equal to 2240 lbs
HDD	HeatingDegreeDay	Heating degree day
IPNT	IndexPoint	Index point
kg	Kilograms	Kilograms
kL	Kiloliters	kiloliters
kW-a	KilowattYear	Kilowatt year (electrical capacity)
kW-d	KilowattDay	Kilowatt day (electrical capacity)
kW-h	KilowattHour	Kilowatt hour (electrical capacity)
kW-M	KilowattMonth	Kilowatt month (electrical capacity)
kW-min	KilowattMinute	Kilowatt-Minute (electrical capacity)
L	Liters	liters
lbs	Pounds	pounds
MW-a	MegawattYear	Megawatt year (electrical capacity)
MW-d	MegawattDay	Megawatt day (electrical capacity)
MW-h	MegawattHour	Megawatt hour (electrical capacity)
MW-M	MegawattMonth	Megawatt month (electrical capacity)
MW-min	MegawattMinute	Megawatt minute (electrical capacity)
oz_tr	TroyOunces	Troy ounces
PRINC	PrincipalWithRelationToDebtInstrument	Principal with relation to debt instrument
t	MetricTons	Metric tons. Also known as Tonnes, equal to 1000 kg

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
tn	Tons	Tons (US). Equal to 2000 lbs
a	Are	Are
ac	Acre	Acre
cL	Centiliter	Centiliter
cM	Centimeter	Centimeter
DGE	DieselGallonEquivalent	Diesel gallon equivalent
ft	Foot	Foot
Gal_gb	GBGallon	GB Gallon
GGE	GasolineGallonEquivalent	Gasonline gallon equivalent
ha	Hectare	Hectare
in	Inch	Inch
kM	Kilometer	Kilometer
M	Meter	Meter
mi	Mile	Mile
mL	Milliliter	Milliliter
mM	Millimeter	Millimeter
oz	USOunce	US ounce
pc	Piece	Piece
pt	USPint	US Pint
pt_gb	GBPint	GB pint
qt	USQuart	US Quart
qt_gb	GBQuart	GB Quart
SqcM	SquareCentimeter	Square centimeter
Sqft	SquareFoot	Square foot
Sqin	SquareInch	Square inch
SqkM	SquareKilometer	Square kilometer
SqM	SquareMeter	Square meter
Sqmi	SquareMile	Square mile
SqmM	SquareMillimeter	Square millimeter
Sqyd	SquareYard	Square yard
yd	Yard	Yard
MMbbl	MillionBarrels	Million Barrels
USD	USDollars	US Dollars

---

Used in components: [InstrumentLeg](#)

### 170.2.2613 LegUnitOfMeasureCurrency

Indicates the currency of the unit of measure. Conditionally required when LegUnitOfMeasure(999) = Ccy

Type: [Currency](#)

Used in components: [InstrumentLeg](#)

### 170.2.2614 LegUnitOfMeasureCurrencyCodeSource

Identifies class or source of the LegUnitOfMeasureCurrency(1720) value.

Type: [String](#)

Allowed values in CurrencyCodeSourceCodeSet:

Code	Name	Description
1	CUSIP	CUSIP
2	SEDOL	SEDOL
4	ISINNumber	ISIN
6	ISOCurrencyCode	ISO Currency Code (ISO 4217)
S	FinancialInstrumentGlobalIdentifier	Financial Instrument Global Identifier. An Object Management Group (OMG) standard. Also referred to as FIGI. Formerly known as "Bloomberg Open Symbology BBGID".
Y	DigitalTokenIdentifier	Digital Token Identifier (ISO 24165)

Used in components: [InstrumentLeg](#)

### 170.2.2615 LegUnitOfMeasureQty

Refer to definition of UnitOfMeasureQty(1147)

Type: [Qty](#)

Used in components: [InstrumentLeg](#)

**170.2.2616 LegUPICode**

Uniquely identifies the product of a leg instrument using ISO 4914. See UPICode(2891) for further detail.

Type: **String**

Used in components: **InstrumentLeg**

**170.2.2617 LegValuationMethod**

Specifies the type of valuation method applied.

Type: **String**

Allowed values in ValuationMethodCodeSet:

<b>Code</b>	<b>Name</b>	<b>Description</b>
EQTY	PremiumStyle	premium style
FUT	FuturesStyleMarkToMarket	futures style mark-to-market
FUTDA	FuturesStyleWithAnAttachedCashAdjustment	futures style with an attached cash adjustment
CDS	CDSStyleCollateralization	CDS style collateralization of market to market and coupon
CSDS	CDSInDeliveryUseRecoveryRateToCalculate	CDS in delivery - use recovery rate to calculate obligation

Used in components: **InstrumentLeg**

**170.2.2618 LegValuationReferenceModel**

Specifies the methodology and/or assumptions used to generate the trade value.

Type: **String**

Used in components: **InstrumentLeg**

**170.2.2619 LegValuationSource**

Specifies the source of trade valuation data.

Type: **String**

Used in components: **InstrumentLeg**

**170.2.2620 LegVersusPurchaseDate**

The effective acquisition date of the lot that would be used for gain-loss trade lot reporting. The versus purchase date used to identify the lot in situations where a custodial lot identifier is not available.

Type: [LocalMktDate](#)

Used in groups: [LegPreAllocGrp](#)

**170.2.2621 LegVersusPurchasePrice**

The versus purchase price used to identify the lot in situations where a custodial lot identifier is not available. The value should be calculated based on current cost basis / quantity held.

Type: [Price](#)

Used in groups: [LegPreAllocGrp](#)

**170.2.2622 LegVolatility**

Specifies the volatility of an instrument leg.

Type: [float](#)

Used in groups: [InstrmtLegExecGrp](#), [LegOrdGrp](#), [SideCrossLegGrp](#), [TrdInstrmtLegGrp](#)

**170.2.2623 LienSeniority**

Indicates the seniority level of the lien in a loan.

Type: [int](#)

Allowed values in LienSeniorityCodeSet:

---

Code	Name	Description
0	Unknown	Unknown
1	FirstLien	First lien
2	SecondLien	Second lien
3	ThirdLien	Third lien

---

Used in components: [Instrument](#)



**170.2.2624 LimitAmt**

The limit for the counterparty. This represents the total limit amount, independent of any amount already utilized.

Type: **Amt**

Used in groups: **LimitAmts**

**170.2.2625 LimitAmtCurrency**

Indicates the currency that the limit amount is specified in.

Type: **Currency**

Used in groups: **LimitAmts**

**170.2.2626 LimitAmtCurrencyCodeSource**

Identifies class or source of the LimitAmtCurrency(1634) value.

Type: **String**

Allowed values in CurrencyCodeSourceCodeSet:

Code	Name	Description
1	CUSIP	CUSIP
2	SEDOL	SEDOL
4	ISINNumber	ISIN
6	ISOCurrencyCode	ISO Currency Code (ISO 4217)
S	FinancialInstrumentGlobalIdentifier	Financial Instrument Global Identifier. An Object Management Group (OMG) standard. Also referred to as FIGI. Formerly known as "Bloomberg Open Symbology BBGID".
Y	DigitalTokenIdentifier	Digital Token Identifier (ISO 24165)

Used in groups: **LimitAmts**

**170.2.2627 LimitAmtRemaining**

The remaining limit amount available between the counterparties. The type of limit is specified in LimitAmtType(1631).

Bilateral agreements dictate the units and maximum value of this field.

Type: **Amt**

Used in groups: **LimitAmts**

### 170.2.2628 LimitAmts

Name	Mult.	Type	Description
NoLimitAmts	[1..1]	NumInGroup	Number of limit amount occurrences.
LimitAmtType	[0..1]	CodeSet	Required when NoLimitAmts > 0
LastLimitAmt	[0..1]	Amt	Either LastLimitAmt(1632) or LimitAmtRemaining(1633) or LimitUtilizationAmt(2394) must be specified when NoLimitAmts > 0.
LimitAmtRemaining	[0..1]	Amt	Either LastLimitAmt(1632) or LimitAmtRemaining(1633) or LimitUtilizationAmt(2394) must be specified when NoLimitAmts > 0.
LimitUtilizationAmt	[0..1]	Amt	Either LastLimitAmt(1632) or LimitAmtRemaining(1633) or LimitUtilizationAmt(2394) must be specified when NoLimitAmts > 0.
LimitAmt	[0..1]	Amt	
LimitAmtCurrency	[0..1]	Currency	
LimitAmtCurrencyCodeSource	[0..1]	CodeSet	
LimitRole	[0..1]	CodeSet	

Used in groups: **TrdCapRptAckSideGrp**, **TrdCapRptSideGrp**

Used in messages: **ExecutionReport**

### 170.2.2629 LimitAmtType

Identifies the type of limit amount expressed in LastLimitAmt(1632) and LimitAmtRemaining(1633).

Type: **int**

Allowed values in LimitAmtTypeCodeSet:

Code	Name	Description
0	CreditLimit	Credit limit
1	GrossPositionLimit	Gross position limit
2	NetPositionLimit	Net position limit
3	RiskExposureLimit	Risk exposure limit
4	LongPositionLimit	Long position limit
5	ShortPositionLimit	Short position limit

Used in groups: [LimitAmts](#)

### 170.2.2630 LimitedRightToConfirmIndicator

Indicates whether the Seller may request the Buyer to confirm its intent to exercise if not done on or before the expiration time on the expiration date. If true ("Y") specific rules will apply in relation to the settlement mode.

Type: [Boolean](#)

Used in components: [OptionExercise](#)

### 170.2.2631 LimitRole

Indicates the scope of the limit by role.

Type: [int](#)

Allowed values in PartyRoleCodeSet:

Code	Name	Description
1	ExecutingFirm	Executing Firm (formerly FIX 4.2 ExecBroker)
2	BrokerOfCredit	Broker of Credit (formerly FIX 4.2 BrokerOfCredit)
3	ClientID	Client ID (formerly FIX 4.2 ClientID)
4	ClearingFirm	Clearing Firm (formerly FIX 4.2 ClearingFirm)
5	InvestorID	Investor ID
6	IntroducingFirm	Introducing Firm
7	EnteringFirm	Entering Firm
8	Locate	Locate / Lending Firm (for short-sales)

<b>Code</b>	<b>Name</b>	<b>Description</b>
9	FundManagerClientID	Fund Manager Client ID (for CIV)
10	SettlementLocation	Settlement Location (formerly FIX 4.2 SettlLocation)
11	OrderOriginationTrader	Order Origination Trader (associated with Order Origination Firm - i.e. trader who initiates/submits the order)
12	ExecutingTrader	Executing Trader (associated with Executing Firm - actually executes)
13	OrderOriginationFirm	Order Origination Firm (e.g. buy-side firm)
14	GiveupClearingFirmDepr	Giveup Clearing Firm (firm to which trade is given up)
15	CorrespondantClearingFirm	Correspondant Clearing Firm
16	ExecutingSystem	Executing System
17	ContraFirm	Contra Firm
18	ContraClearingFirm	Contra Clearing Firm
19	SponsoringFirm	Sponsoring Firm
20	UnderlyingContraFirm	Underlying Contra Firm
21	ClearingOrganization	Clearing Organization
22	Exchange	Exchange. Identify using PartyIDSource(tag 447) = G (Market Identifier Code) if the MIC exists.
24	CustomerAccount	Customer Account
25	CorrespondentClearingOrganization	Correspondent Clearing Organization
26	CorrespondentBroker	Correspondent Broker
27	Buyer	Buyer/Seller (Receiver/Deliverer)
28	Custodian	Custodian
29	Intermediary	Intermediary
30	Agent	Agent
31	SubCustodian	Sub-custodian
32	Beneficiary	Beneficiary
33	InterestedParty	Interested party
34	RegulatoryBody	Regulatory body. In the context of regulatory reporting, this identifies the regulator the trade is being reported to.
35	LiquidityProvider	Liquidity provider
36	EnteringTrader	Entering trader
37	ContraTrader	Contra trader
38	PositionAccount	Position account. The account which positions are maintained. Typically represents the aggregation of one or more customer accounts.
39	ContraInvestorID	Contra Investor ID

<b>Code</b>	<b>Name</b>	<b>Description</b>
40	TransferToFirm	Transfer to Firm
41	ContraPositionAccount	Contra Position Account
42	ContraExchange	Contra Exchange
43	InternalCarryAccount	Internal Carry Account
44	OrderEntryOperatorID	Order Entry Operator ID
45	SecondaryAccountNumber	Secondary Account Number
46	ForeignFirm	Foreign Firm
47	ThirdPartyAllocationFirm	Third Party Allocation Firm
48	ClaimingAccount	Claiming Account
49	AssetManager	Asset Manager
50	PledgorAccount	Pledgor Account
51	PledgeeAccount	Pledgee Account
52	LargeTraderReportableAccount	Large Trader Reportable Account
53	TraderMnemonic	Trader mnemonic
54	SenderLocation	Sender Location
55	SessionID	Session ID
56	AcceptableCounterparty	Acceptable Counterparty
57	UnacceptableCounterparty	Unacceptable Counterparty
58	EnteringUnit	Entering Unit
59	ExecutingUnit	Executing Unit
60	IntroducingBroker	Introducing Broker
61	QuoteOriginator	Quote originator
62	ReportOriginator	Report originator
63	SystematicInternaliser	Systematic internaliser (SI)
64	MultilateralTradingFacility	Multilateral Trading Facility (MTF). Identify using PartyIDSource(tag 447) = G (Market Identifier Code) if the MIC exists.
65	RegulatedMarket	Regulated Market (RM). Identify using PartyIDSource(tag 447) = G (Market Identifier Code) if the MIC exists.
66	MarketMaker	Market Maker
67	InvestmentFirm	Investment Firm
68	HostCompetentAuthority	Host Competent Authority (Host CA)
69	HomeCompetentAuthority	Home Competent Authority (Home CA)
70	CompetentAuthorityLiquidity	Competent Authority of the most relevant market in terms of liquidity (CAL)

Code	Name	Description
71	CompetentAuthorityTransactionVenue	Competent Authority of the Transaction (Execution) Venue (CATV)
72	ReportingIntermediary	Reporting intermediary. The medium or vendor used to report to a regulator, non-regulatory agency or data repository.
73	ExecutionVenue	Execution Venue. Identify using PartyIDSource(tag 447) = G (Market Identifier Code) if the MIC exists.
74	MarketDataEntryOriginator	Market data entry originator
75	LocationID	Location ID
76	DeskID	Desk ID
77	MarketDataMarket	Market data market
78	AllocationEntity	Allocation Entity
79	PrimeBroker	Prime Broker providing General Trade Services
80	StepOutFirm	Step-Out Firm (Prime Broker)
81	BrokerClearingID	Broker clearing identifier
82	CentralRegistrationDepository	Central Registration Depository (CRD)
83	ClearingAccount	Clearing Account
84	AcceptableSettlingCounterparty	Acceptable Settling Counterparty
85	UnacceptableSettlingCounterparty	Unacceptable Settling Counterparty
86	CLSMemberBank	CLS Member Bank
87	InConcertGroup	In Concert Group
88	InConcertControllingEntity	In Concert Controlling Entity
89	LargePositionsReportingAccount	Large Positions Reporting Account
90	SettlementFirm	Settlement Firm
91	SettlementAccount	Settlement account. The account to which individual payment obligations are aggregated for netting and funds movement. Typically represents the aggregation of many margin (performance bond) accounts.
92	ReportingMarketCenter	Reporting Market Center
93	RelatedReportingMarketCenter	Related Reporting Market Center
94	AwayMarket	Away Market. Identify using PartyIDSource(tag 447) = G (Market Identifier Code) if the MIC exists.
95	GiveupTradingFirm	Give-up (trading) firm
96	TakeupTradingFirm	Take-up (trading) firm
97	GiveupClearingFirm	Give-up clearing firm
98	TakeupClearingFirm	Take-up clearing firm

<b>Code</b>	<b>Name</b>	<b>Description</b>
99	OriginatingMarket	Originating Market. Identifies the Market using PartyIDSource(tag 447) = G (Market Identifier Code) where an order originated in the event that the order is sent to an alternative market for execution. Serves as an inverse of an away market.
100	MarginAccount	Margin account. Also referred to as "performance bond account". The margin account is the calculated margin requirements. Typically represents the aggregation of one or more position accounts.
101	CollateralAssetAccount	Collateral asset account. The account at which individual collateral assets are maintained. Typically, although not always, one-for-one with the settlement account.
102	DataRepository	Data repository. Multiple instances of this PartyRole may appear for reporting purposes.
103	CalculationAgent	Calculation agent
104	ExerciseNoticeSender	Sender of exercise notice
105	ExerciseNoticeReceiver	Receiver of exercise notice
106	RateReferenceBank	Rate reference bank. The bank providing the reference rate. Multiple instance of this PartyRole may appear.
107	Correspondent	Correspondent
109	BeneficiaryBank	Beneficiary's bank or depository institution. The institution in which the beneficiary, a person or an entity, has their account with. The institution may be a bank or non-bank institution.
110	Borrower	Borrower
111	PrimaryObligator	Primary obligator
112	Guarantor	Guarantor
113	ExcludedReferenceEntity	Excluded reference entity
114	DeterminingParty	Determining party
115	HedgingParty	Hedging party
116	ReportingEntity	Reporting entity. The entity that is reporting the information.
117	SalesPerson	Sales person. The person who is involved in the sales activities for their firm.
118	Operator	Operator. The person who has the capabilities and authorization to take certain actions; for example, setting entitlements, etc.
119	CSD	Central Securities Depository (CSD)
120	ICSD	International Central Securities Depository (ICSD)

Code	Name	Description
121	TradingSubAccount	Trading sub-account. Example of sub-accounts include a clearing account that has multiple trading sub-accounts, a trading account that has multiple trading sub-accounts belonging to different trading firms.
122	InvestmentDecisionMaker	Investment decision maker. In the context of ESMA RTS reporting, this is used to specify party responsible for the investment decision. See RTS 24, Annex, Table 2, Field 4.
123	PublishingIntermediary	Publishing intermediary. The medium or vendor used to publish to the market.
124	CSDParticipant	Central Securities Depository (CSD) Participant. In the context of EU SFTR reporting the identifier of the CSD participant or indirect participant of the reporting counterparty. Where both the CSD participant and indirect participant are involved in the transaction this should identify the indirect participant.
125	Issuer	Issuer. The issuer of the security.
126	ContraCustomerAccount	Contra Customer Account. Same as PartyRole(452) = 24 (Customer Account) but for the counterparty. Can be used whenever the parties component is not nested in a repeating group representing both sides.
127	ContraInvestmentDecisionMaker	Contra Investment Decision Maker. Same as PartyRole(452) = 122 (Investment Decision Maker) but for the counterparty. Can be used whenever the parties component is not nested in a repeating group representing both sides.

Used in groups: [LimitAmts](#)

### 170.2.2632 LimitUtilizationAmt

The total amount of the limit that has been drawn down against the counterparty. This includes the amount for prior trades. It may or may not include the amount for the given trade, specified in LastLimitAmt(1632), depending upon whether the given trade is considered pending.

Type: [Amt](#)

Used in groups: [LimitAmts](#)

### 170.2.2633 LinesOfTextGrp



Name	Mult.	Type	Description
NoLinesOfText	[1..1]	NumInGroup	Specifies the number of repeating lines of text specified
Text	[1..1]	String	Repeating field, number of instances defined in LinesOfText
EncodedTextLen	[0..1]	Length	Must be set if EncodedText field is specified and must immediately precede it.
EncodedText	[0..1]	data	Encoded (non-ASCII characters) representation of the Text field in the encoded format specified via the MessageEncoding field.

Used in messages: [Email](#), [News](#)

#### 170.2.2634 LinkageHandlingIndicator

Indicate whether linkage handling is in effect for an instrument or not.

Type: [Boolean](#)

Used in messages: [SecurityStatus](#)

#### 170.2.2635 LiquidityIndType

Code to identify the type of liquidity indicator.

Type: [int](#)

Allowed values in LiquidityIndTypeCodeSet:

Code	Name	Description
1	FiveDayMovingAverage	5-day moving average
2	TwentyDayMovingAverage	20-day moving average
3	NormalMarketSize	Normal market size
4	Other	Other

Used in messages: [BidRequest](#)

#### **170.2.2636 LiquidityNumSecurities**

Number of Securites between LiquidityPctLow (402) and LiquidityPctHigh (403) in Currency.

Type: **int**

Used in groups: **BidDescReqGrp**

#### **170.2.2637 LiquidityPctHigh**

Upper liquidity indicator if TotalNumSecurities (393) > 1. Represented as a percentage.

Type: **Percentage**

Used in groups: **BidDescReqGrp**

#### **170.2.2638 LiquidityPctLow**

Liquidity indicator or lower limit if TotalNumSecurities (393) > 1. Represented as a percentage.

Type: **Percentage**

Used in groups: **BidDescReqGrp**

#### **170.2.2639 LiquidityValue**

Value between LiquidityPctLow (402) and LiquidityPctHigh (403) in Currency

Type: **Amt**

Used in groups: **BidDescReqGrp**

#### **170.2.2640 ListExecInst**

Free format text message containing list handling and execution instructions.

Type: **String**

Used in messages: **NewOrderList**

**170.2.2641 ListExecInstType**

Identifies the type of ListExecInst (69).

Type: **char**

Allowed values in ListExecInstTypeCodeSet:

Code	Name	Description
1	Immediate	Immediate
2	WaitForInstruction	Wait for Execut Instruction (i.e. a List Execut message or phone call before proceeding with execution of the list)
3	SellDriven	Exchange/switch CIV order - Sell driven
4	BuyDrivenCashTopUp	Exchange/switch CIV order - Buy driven, cash top-up (i.e. additional cash will be provided to fulfill the order)
5	BuyDrivenCashWithdraw	Exchange/switch CIV order - Buy driven, cash withdraw (i.e. additional cash will not be provided to fulfill the order)

Used in messages: **NewOrderList**

**170.2.2642 ListID**

Unique identifier for list as assigned by institution, used to associate multiple individual orders. Uniqueness must be guaranteed within a single trading day. Firms which generate multi-day orders should consider embedding a date within the ListID field to assure uniqueness across days.

Type: **String**

Used in components: **TradeReportOrderDetail**

Used in groups: **BidCompReqGrp, BidCompRspGrp, OrdAllocGrp**

Used in messages: **ExecutionReport, ListCancelRequest, ListExecute, ListStatus, ListStatusRequest, ListStrikePrice, NewOrderList, OrderCancelReject, OrderCancelReplaceRequest, OrderCancelRequest**

**170.2.2643 ListManualOrderIndicator**

Indicates if the list of orders was initially received manually (as opposed to electronically) or if it was entered manually (as opposed to entered by automated trading software).

Type: **Boolean**

Used in messages: **NewOrderList**

**170.2.2644 ListMethod**

Indicates whether instruments are pre-listed only or can also be defined via user request

Type: **int**

Allowed values in ListMethodCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	PreListedOnly	pre-listed only
1	UserRequested	user requested

---

Used in components: **Instrument**

**170.2.2645 ListName**

Descriptive name for list order.

Type: **String**

Used in messages: **BidRequest**

**170.2.2646 ListOrderStatus**

Code to represent the status of a list order.

Type: **int**

Allowed values in ListOrderStatusCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
1	InBiddingProcess	In bidding process
2	ReceivedForExecution	Received for execution
3	Executing	Executing
4	Cancelling	Cancelling
5	Alert	Alert
6	AllDone	All Done
7	Reject	Reject

---

Used in messages: **ListStatus**

**170.2.2647 ListOrdGrp**

<b>Name</b>	<b>Mult.</b>	<b>Type</b>	<b>Description</b>
NoOrders	[1..1]	NumInGroup	Number of orders in this message (number of repeating groups to follow)
ClOrdID	[1..1]	String	Must be the first field in the repeating group.
SecondaryClOrdID	[0..1]	String	
ListSeqNo	[1..1]	int	Order number within the list
ClOrdLinkID	[0..1]	String	
SettlInstMode	[0..1]	CodeSet	
Parties	[0..*]	Group	Insert here the set of "Parties" (firm identification) fields defined in "Common Components of Application Messages"
TradeOriginationDate	[0..1]	LocalMktDate	
TradeDate	[0..1]	LocalMktDate	
Account	[0..1]	String	
AcctIDSource	[0..1]	CodeSet	
AccountType	[0..1]	CodeSet	
DayBookingInst	[0..1]	CodeSet	
BookingUnit	[0..1]	CodeSet	
AllocID	[0..1]	String	Use to assign an ID to the block of individual preallocations
PreallocMethod	[0..1]	CodeSet	
PreAllocGrp	[0..*]	Group	
SettlType	[0..1]	CodeSet	
SettlDate	[0..1]	LocalMktDate	Takes precedence over SettlType value and conditionally required/omitted for specific SettlType values.
CashMargin	[0..1]	CodeSet	
ClearingFeeIndicator	[0..1]	CodeSet	
HandlInst	[0..1]	CodeSet	
ExecInst	[0..1]	CodeSet	Can contain multiple instructions, space delimited. If OrdType=P, exactly one of the following values (ExecInst = L, R, M, P, O, T, or W) must be specified.
MinQty	[0..1]	Qty	
MatchIncrement	[0..1]	Qty	

Name	Mult.	Type	Description
MaxPriceLevels	[0..1]	int	
DisplayInstruction	[0..1]	Component	Insert here the set of "DisplayInstruction" fields defined in "common components of application messages"
MaxFloor	[0..1]	Qty	
ExDestination	[0..1]	Exchange	
ExDestinationIDSource	[0..1]	CodeSet	
TrdgSesGrp	[0..*]	Group	
ProcessCode	[0..1]	CodeSet	
Instrument	[1..1]	Component	Insert here the set of "Instrument" (symbology) fields defined in "Common Components of Application Messages"
UndInstrmtGrp	[0..*]	Group	
PrevClosePx	[0..1]	Price	Useful for verifying security identification
Side	[1..1]	CodeSet	Note: to indicate the side of SideValue1 or SideValue2, specify Side=Undisclosed and SideValueInd=either the SideValue1 or SideValue2 indicator.
ShortMarkingExemptIndicator	[0..1]	Boolean	
ShortSaleExemptionReason	[0..1]	CodeSet	Available for optional use when Side(54) = 6(Sell short exempt).
SideValueInd	[0..1]	CodeSet	Refers to the SideValue1 or SideValue2. These are used as opposed to Buy or Sell so that the basket can be quoted either way as Buy or Sell.
LocateReqd	[0..1]	CodeSet	Required for short sell orders
TransactTime	[0..1]	UTCTimestamp	
Stipulations	[0..*]	Group	Insert here the set of "Stipulations" (repeating group of Fixed Income stipulations) fields defined in "Common Components of Application Messages"
QtyType	[0..1]	CodeSet	
OrderQtyData	[1..1]	Component	Insert here the set of "OrderQtyData" fields defined in "Common Components of Application Messages"
OrdType	[0..1]	CodeSet	
PriceType	[0..1]	CodeSet	
Price	[0..1]	Price	
PriceProtectionScope	[0..1]	CodeSet	

Name	Mult.	Type	Description
StopPx	[0..1]	Price	
TriggeringInstruction	[0..1]	Component	Insert here the set of "TriggeringInstruction" fields defined in "common components of application messages"
SpreadOrBenchmarkCurveData	[0..1]	Component	Insert here the set of "SpreadOrBenchmarkCurveData" (Fixed Income spread or benchmark curve) fields defined in "Common Components of Application Messages"
YieldData	[0..1]	Component	Insert here the set of "YieldData" (yield-related) fields defined in "Common Components of Application Messages"
Currency	[0..1]	Currency	
CurrencyCodeSource	[0..1]	CodeSet	
ComplianceID	[0..1]	String	
ComplianceText	[0..1]	String	
EncodedComplianceTextLen	[0..1]	Length	Must be set if EncodedComplianceText(2352) field is specified and must immediately precede it.
EncodedComplianceText	[0..1]	data	Encoded (non-ASCII characters) representation of the ComplianceText(2404) field in the encoded format specified via the MessageEncoding(347) field.
SolicitedFlag	[0..1]	CodeSet	
IOIID	[0..1]	String	Required for Previously Indicated Orders (OrdType=E)
QuotID	[0..1]	String	Required for Previously Quoted Orders (OrdType=D)
RefOrderID	[0..1]	String	Required for counter-order selection / Hit / Take Orders (OrdType = Q)
RefOrderIDSource	[0..1]	CodeSet	Conditionally required if RefOrderID is specified.
TimeInForce	[0..1]	CodeSet	
EffectiveTime	[0..1]	UTCTimestamp	
ExpireDate	[0..1]	LocalMktDate	Conditionally required if TimeInForce = GTD and ExpireTime is not specified.
ExpireTime	[0..1]	UTCTimestamp	Conditionally required if TimeInForce = GTD and ExpireDate is not specified.
GTBookingInst	[0..1]	CodeSet	States whether executions are booked out or accumulated on a partially filled GT order

Name	Mult.	Type	Description
ExposureDuration	[0..1]	int	Conditionally required when TimeInForce(59)=10 (Good for Time)
ExposureDurationUnit	[0..1]	CodeSet	
CommissionData	[0..1]	Component	
CommissionDataGrp	[0..*]	Group	Use as an alternative to CommissionData if multiple commissions or enhanced attributes are needed.
OrderCapacity	[0..1]	CodeSet	
OrderRestrictions	[0..1]	CodeSet	
PreTradeAnonymity	[0..1]	Boolean	
CustOrderCapacity	[0..1]	CodeSet	
OrderAttributeGrp	[0..*]	Group	
ForexReq	[0..1]	CodeSet	
SettlCurrency	[0..1]	Currency	
SettlCurrencyCodeSource	[0..1]	CodeSet	
BookingType	[0..1]	CodeSet	Method for booking out this order. Used when notifying a broker that an order to be settled by that broker is to be booked out as an OTC derivative (e.g. CFD or similar). Absence of this field implies regular booking.
Text	[0..1]	String	
EncodedTextLen	[0..1]	Length	Must be set if EncodedText field is specified and must immediately precede it.
EncodedText	[0..1]	data	Encoded (non-ASCII characters) representation of the Text field in the encoded format specified via the MessageEncoding field.
SettlDate2	[0..1]	LocalMktDate	Can be used with OrdType = "Forex - Swap" to specify the "value date" for the future portion of a F/X swap.
OrderQty2	[0..1]	Qty	Can be used with OrdType = "Forex - Swap" to specify the order quantity for the future portion of a F/X swap.
Price2	[0..1]	Price	Can be used with OrdType = "Forex - Swap" to specify the price for the future portion of a F/X swap which is also a limit order. For F/X orders, should be the "all-in" rate (spot rate adjusted for forward points).
PositionEffect	[0..1]	CodeSet	



Name	Mult.	Type	Description
CoveredOrUncovered	[0..1]	CodeSet	
MaxShow	[0..1]	Qty	
PegInstructions	[0..1]	Component	Insert here the set of "PegInstruction" fields defined in "Common Components of Application Messages"
DiscretionInstructions	[0..1]	Component	Insert here the set of "DiscretionInstruction" fields defined in "Common Components of Application Messages"
TargetStrategy	[0..1]	CodeSet	The target strategy of the order
StrategyParametersGrp	[0..*]	Group	Strategy parameter block
TargetStrategyParameters	[0..1]	String	For further specification of the TargetStrategy
ParticipationRate	[0..1]	Percentage	Mandatory for a TargetStrategy=Participate order and specifies the target participation rate. For other order types optionally specifies a volume limit (i.e. do not be more than this percent of the market volume)
Designation	[0..1]	String	Supplementary registration information for this Order within the List
ManualOrderIndicator	[0..1]	Boolean	

Used in messages: [NewOrderList](#)

### 170.2.2648 ListRejectReason

Identifies the reason for rejection of a New Order List message. Note that OrdRejReason(103) is used if the rejection is based on properties of an individual order part of the List.

Type: [int](#)

Allowed values in ListRejectReasonCodeSet:

Code	Name	Description
0	BrokerCredit	Broker / Exchange option
2	ExchangeClosed	Exchange closed
4	TooLateToEnter	Too late to enter
5	UnknownOrder	Unknown order
6	DuplicateOrder	Duplicate Order (e.g. dupe CIOrdID)

---

Code	Name	Description
11	UnsupportedOrderCharacteristic	Unsupported order characteristic
99	Other	Other

---

Used in messages: [ListStatus](#)

### **170.2.2649 ListSeqNo**

Sequence of individual order within list (i.e. ListSeqNo of TotNoOrders (68), 2 of 25, 3 of 25, . . . )

Type: [int](#)

Used in groups: [ListOrdGrp](#)

### **170.2.2650 ListStatusText**

Free format text string related to List Status.

Type: [String](#)

Used in messages: [ListStatus](#)

### **170.2.2651 ListStatusType**

Code to represent the status type.

Type: [int](#)

Allowed values in ListStatusTypeCodeSet:

---

Code	Name	Description
1	Ack	Ack
2	Response	Response
3	Timed	Timed
4	ExecStarted	Exec Started
5	AllDone	All Done
6	Alert	Alert

---

Used in messages: [ListStatus](#)

**170.2.2652 ListUpdateAction**

If provided, then Instrument occurrence has explicitly changed

Type: **char**

Allowed values in ListUpdateActionCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
A	Add	Add
D	Delete	Delete
M	Modify	Modify
S	Snapshot	Snapshot

---

Used in groups: **PartyDetailAckGrp**, **PartyDetailsUpdateGrp**, **PartyEntitlementAckGrp**, **PartyEntitlementUpdateGrp**, **PartyRiskLimitsAckGrp**, **PartyRiskLimitsUpdateGrp**, **RelSymDerivSecUpdGrp**, **SecLstUpdRelSymGrp**

**170.2.2653 LoanFacility**

Specifies the type of loan when the credit default swap's reference obligation is a loan.

Type: **int**

Allowed values in LoanFacilityCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	BridgeLoan	Bridge loan
1	LetterOfCredit	Letter of credit
2	RevolvingLoan	Revolving loan
3	SwinglineFunding	Swingline funding
4	TermLoan	Term loan
5	TradeClaim	Trade claim

---

Used in components: **Instrument**

**170.2.2654 LocaleOfIssue**

Identifies the locale or region of issue.

Type: **String**

Used in components: **Instrument**

**170.2.2655 LocateReqd**

Indicates whether the broker is to locate the stock in conjunction with a short sell order.

Type: **Boolean**

Allowed values in LocateReqdCodeSet:

Code	Name	Description
N	No	Indicates the broker is not required to locate
Y	Yes	Indicates the broker is responsible for locating the stock

Used in groups: **ListOrdGrp**

Used in messages: **CrossOrderCancelReplaceRequest, MultilegOrderCancelReplace, NewOrderCross, NewOrderMultileg, NewOrderSingle, OrderCancelReplaceRequest**

**170.2.2656 LocationID**

Identification of a Market Maker's location

Type: **String**

Used in groups: **CompIDReqGrp, CompIDStatGrp, MDFullGrp, MDIncGrp**

**170.2.2657 LockedQty**

Locked order quantity.

Type: **Qty**

Used in messages: **ExecutionReport**

**170.2.2658 LockType**

Indicates whether an order is locked and for what reason.

Type: `int`

Allowed values in LockTypeCodeSet:

---

Code	Name	Description
0	NotLocked	Not locked
1	AwayMarketNetter	Away market better
2	ThreeTickLocked	Three tick locked
3	LockedByMarketMaker	Locked by market maker
4	DirectedOrderLock	Directed order lock
5	MultilegLock	Multileg lock. Lock in the context of multileg orders where legs are executed independently and the entire order is locked until matching information is available for all legs. A multileg order or quote must be matched in its entirety or not at all. For example, one of the legs may be a stock leg sent to a different execution venue that may or may not be able to fill it.
6	MarketOrderLock	Market order lock
7	PreAssignmentLock	Pre-assignment lock

---

Used in messages: `ExecutionReport`

**170.2.2659 LongQty**

Long quantity.

Type: `Qty`

Used in groups: `PositionQty`, `TradePositionQty`

**170.2.2660 LotType**

Defines the lot type assigned to the order.

Type: `char`

Allowed values in LotTypeCodeSet:

Code	Name	Description
1	OddLot	Odd Lot
2	RoundLot	Round Lot
3	BlockLot	Block Lot
4	RoundLotBasedUpon	Round lot based upon UnitOfMeasure(996)

Used in components: [TradeReportOrderDetail](#)

Used in groups: [LotTypeRules](#), [MDFullGrp](#), [MDIncGrp](#)

Used in messages: [ExecutionReport](#)

### 170.2.2661 LotTypeRules

Name	Mult.	Type	Description
<a href="#">NoLotTypeRules</a>	[1..1]	NumInGroup	Number of Lot Types
<a href="#">LotType</a>	[0..1]	CodeSet	Defines the lot type assigned to the order. Use as an alternate to RoundLot(561). To be used with MinLotSize(1231). LotType + MinLotSize (max is next level minus 1). Required if NoLotTypeRules(1234) > 0.
<a href="#">MinLotSize</a>	[0..1]	Qty	Minimum lot size allowed based on lot type specified in LotType(1093)

Used in components: [BaseTradingRules](#)

### 170.2.2662 LowExercisePriceOptionIndicator

Indicates if a given option instrument permits low exercise prices (LEPO).

Type: [Boolean](#)

Used in components: [Instrument](#)

### 170.2.2663 LowLimitPrice

Allowable low limit price for the trading day. A key parameter in validating order price. Used as the lower band for validating order prices. Orders submitted with prices below the lower limit will be rejected

Type: **Price**

Used in components: **PriceLimits**

#### **170.2.2664 LowPx**

Represents an indication of the low end of the price range for a security prior to the open or reopen

Type: **Price**

Used in groups: **MDFullGrp, MDIncGrp**

Used in messages: **AllocationInstructionAlert, SecurityStatus**

#### **170.2.2665 MailingDtls**

Set of Correspondence address details, possibly including phone, fax, etc.

Type: **String**

Used in groups: **RgstDtlsGrp**

#### **170.2.2666 MailingInst**

Free format text to specify mailing instruction requirements, e.g. "no third party mailings".

Type: **String**

Used in groups: **RgstDtlsGrp**

#### **170.2.2667 MakeWholeAmount**

Amount to be paid by the buyer of the option if the option is exercised prior to the MakeWhole-Date(42591).

Type: **Amt**

Used in components: **OptionExerciseMakeWholeProvision**

#### **170.2.2668 MakeWholeBenchmarkCurveName**

Identifies the benchmark floating rate index.

Type: **String**

Used in components: **OptionExerciseMakeWholeProvision**

**170.2.2669 MakeWholeBenchmarkCurvePoint**

The point on the floating rate index curve.

Sample values:

M = combination of a number between 1-12 and an "M" for month, e.g. 3M

Y = combination of number between 1-100 and a "Y" for year, e.g. 10Y

10Y-OLD = see above, then add "-OLD" when appropriate

INTERPOLATED = the point is mathematically derived

2/2031 5 3/8 = the point is stated via a combination of maturity month / year and coupon.

Type: **String**

Used in components: **OptionExerciseMakeWholeProvision**

**170.2.2670 MakeWholeBenchmarkQuote**

The quote side of the benchmark to be used for calculating the "make whole" amount.

Type: **int**

Allowed values in StrikeIndexQuoteCodeSet:

---

Code	Name	Description
0	Bid	Bid.
1	Mid	Mid
2	Offer	Offer

---

Used in components: **OptionExerciseMakeWholeProvision**

**170.2.2671 MakeWholeDate**

The date through which option cannot be exercised without penalty.

Type: **LocalMktDate**

Used in components: **OptionExerciseMakeWholeProvision**



**170.2.2672 MakeWholeInterpolationMethod**

The method used when calculating the "make whole" amount. The most common is linear method.

Type: [int](#)

Allowed values in PaymentStreamInflationInterpolationMethodCodeSet:

---

Code	Name	Description
0	None	None
1	LinearZeroYield	Linear zero yield

---

Used in components: [OptionExerciseMakeWholeProvision](#)

**170.2.2673 MakeWholeRecallSpread**

Spread over the floating rate index.

Type: [PriceOffset](#)

Used in components: [OptionExerciseMakeWholeProvision](#)

**170.2.2674 MandatoryClearingIndicator**

An indication that the trade is flagged for mandatory clearing.

Type: [Boolean](#)

Used in messages: [TradeCaptureReport](#)

**170.2.2675 MandatoryClearingJurisdiction**

Identifier of the regulatory jurisdiction requiring the trade to be cleared.

Type: [String](#)

Used in groups: [MandatoryClearingJurisdictionGrp](#)

**170.2.2676 MandatoryClearingJurisdictionGrp**

MandatoryClearingJurisdictionGrp is a repeating component of TradeCaptureReport used to specify the set of jurisdictions to which mandatory clearing applies.

Name	Mult.	Type	Description
NoMandatoryClearingJurisdictions	[1..1]	NumInGroup	
MandatoryClearingJurisdiction	[0..1]	String	Required if NoNoMandatoryClearingJurisdictions(41312) > 0.

Used in messages: [TradeCaptureReport](#)

**170.2.2677 ManualNoticeBusinessCenter**

Identifies the business center used for adjusting the time for manual exercise notice.

See <http://www.fpml.org/coding-scheme/business-center> for standard 4-character code values.

Type: [String](#)

Used in components: [OptionExercise](#)

**170.2.2678 ManualOrderIndicator**

Indicates if an order, quote or trade was initially received manually (as opposed to electronically) or if it was entered manually (as opposed to entered by automated trading software).

Type: [Boolean](#)

Used in groups: [ListOrdGrp](#)

Used in messages: [ExecutionReport](#), [MassOrder](#), [MassOrderAck](#), [NewOrderSingle](#), [OrderCancelReplaceRequest](#), [TradeCaptureReport](#)

**170.2.2679 MarginAmount**

Name	Mult.	Type	Description
NoMarginAmt	[1..1]	NumInGroup	Number of margin amount entries
MarginAmt	[0..1]	Amt	

Name	Mult.	Type	Description
MarginAmtType	[0..1]	CodeSet	Total margin requirement if not provided
MarginAmtCcy	[0..1]	Currency	Can be used to specify the base settlement currency if Currency(15) is not specified.
MarginAmtFXRate	[0..1]	float	
MarginAmtFXRateCalc	[0..1]	CodeSet	
MarginAmountMarketSegmentID	[0..1]	String	
MarginAmountMarketID	[0..1]	String	
MarginDirection	[0..1]	CodeSet	

---

Used in messages: [AccountSummaryReport](#), [MarginRequirementReport](#)

#### **170.2.2680 MarginAmountMarketID**

Market associated with the margin amount

Type: [String](#)

Used in groups: [MarginAmount](#)

#### **170.2.2681 MarginAmountMarketSegmentID**

Market segment associated with the margin amount.

Type: [String](#)

Used in groups: [MarginAmount](#)

#### **170.2.2682 MarginAmt**

Amount of margin requirement.

Type: [Amt](#)

Used in groups: [MarginAmount](#)

#### **170.2.2683 MarginAmtCcy**

Currency of the MarginAmt(1645).

Type: **Currency**

Used in groups: **MarginAmount**

#### **170.2.2684 MarginAmtFXRate**

Foreign exchange rate used to compute the MarginAmt(1645) from the MarginAmtCcy(1646) and the Currency(15).

Type: **float**

Used in groups: **MarginAmount**

#### **170.2.2685 MarginAmtFXRateCalc**

Specifies whether or not MarginAmtFXRate(2088) should be multiplied or divided.

Type: **char**

Allowed values in UnderlyingFXRateCalcCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
D	Divide	Divide
M	Multiply	Multiply

---

Used in groups: **MarginAmount**

#### **170.2.2686 MarginAmtType**

Type of margin requirement amount being specified.

Type: **int**

Allowed values in MarginAmtTypeCodeSet:

Code	Name	Description
1	AdditionalMargin	Additional Margin. Component of the total margin calculation which allows the CCP to include amounts generated outside of the Margin Deficit. Additional risk charges collected when a firm is placed on higher than normal surveillance. Additional margin serves to cover the additional liquidation costs that potentially could be incurred. Such possible close-out costs could arise if, based on the current market value of a portfolio, the worst case loss were to occur within a 24-hour period. It is used for options (also options on futures) and non-spread futures positions, bonds and equity trades. For bonds and equity trades, the additional margin is calculated for security positions but not for the corresponding cash positions.
2	AdjustedMargin	Adjusted Margin. Unadjusted Margin can be modified to become an Adjusted Margin by assigning a specific collateral to it or by applying an exchange rate.
3	UnadjustedMargin	Unadjusted Margin. Calculated by adding up the options Premium Margin, the current Liquidating Margin, the Futures Spread Margin and the Additional Margin on account and currency level.
4	BinaryAddOnAmount	Binary Add-On Amount. Requirement generated from positions in Binary Options which are considered fully margined. Margin for an individual contract in this category represents the total amount that would be paid upon delivery of a contract should it expire in-the-money. This amount is included as a component of Additional Margin in the Total Margin calculation.
5	CashBalanceAmount	Cash Balance Amount. Information about cash balance posted to the clearing house to cover the current margin requirement.
6	ConcentrationMargin	Concentration Margin. Reflects a riskier portfolio concentration when a set of closely related products is held.
7	CoreMargin	Core Margin. Specific basic requirement of a position. Core margin is equal to Initial Margin plus a percentage of the Variation Margin.
8	DeliveryMargin	Delivery Margin. Margin amount calculated between the Last Trade Date or Options Exercise Date and the Delivery or Settlement Date. Can also represent a commodities or energy delivery.
9	DiscretionaryMargin	Discretionary Margin. Unspecific margin amount added by the risk manager, also called Increase Coverage Amount.

<b>Code</b>	<b>Name</b>	<b>Description</b>
10	FuturesSpreadMargin	Futures Spread Margin. Long and short positions of futures with different expiration dates can be offset against each other and are called "spreads". The remaining risk stems from the difference in expiration dates which does not provide a perfect price correlation. The purpose of Futures Spread Margin is to cover this risk until the next trading day. This kind of margin is levied in order to cover those risks associated with a futures spread which could arise between today and tomorrow.
11	InitialMargin	Initial Margin. The initial amount required to cover the position.
12	LiquidatingMargin	Liquidating Margin. Calculated for cash, bond and equity positions and is equal to the profits and losses in such positions at the time of calculation. This margin protects the CCP if it is required to close out the position at the current/EOD price. The liquidating margin (also called Current Liquidating Margin or Net Liquidating Margin) is paid by the buyer or the seller of the bonds. This margin covers losses that would occur if a position were to be liquidated today. The liquidating margin is adjusted daily similar to premium margin.
13	MarginCallAmount	Margin Call Amount. If the collateral that has been deposited is no longer sufficient, meaning a lack of coverage exists, then the market participant will be called upon to provide additional cash as collateral.
14	MarginDeficitAmount	Margin Deficit Amount (Shortfall). Base margin risk charge. This amount represents anticipated losses should the value of a portfolio (all positions in the account) fall below predefined level of Historical Value-at-Risk confidence. Also called Expected Shortfall Amount.
15	MarginExcessAmount	Margin Excess Amount (Surplus). Excess long premium value which is generated when long premium value exceeds the sum of any short premium debit requirement and the account's risk charges. Also called Expected Surplus Amount or Margin Credit Amount.
16	OptionPremiumAmount	Option Premium Amount. Premium registered on the given trading date. The amount of money that the options buyer must pay the options seller.
17	PremiumMargin	Premium Margin. Premium margin must be deposited by the seller of a traditional options position. It remains effective until the exercise or expiration of the option, and covers the potential costs of a close-out (liquidation) of the position of the seller at the settlement price.

<b>Code</b>	<b>Name</b>	<b>Description</b>
18	ReserveMargin	Reserve Margin. Reserve margin provides a way to reflect the inflated risk of a position. Reserve margin is equal to a percentage of the variation margin.
19	SecurityCollateralAmount	Security Collateral Amount. Information about the security collateral posted to the clearing house to cover the current margin requirement.
20	StressTestAddOnAmount	Stress Test Add-On Amount. Amount in addition to Margin Deficit in the Risk component of the margin calculation. This charge is based on tests which incorporate changes to distributional and confidence level assumptions to evaluate exposure to security concentration and changes in dependence structure; a predetermined percentage of the calculated exposure is collateralized as this charge.
21	SuperMargin	Super Margin. Additional risk charge applied to predetermined Cross-Margin accounts. The charge is based on the account's level of Margin Deficit. This amount is included as a component of Additional Margin in the Total Margin calculation.
22	TotalMargin	Total Margin. Sum of all margin amounts at value date.
23	VariationMargin	Variation Margin. Variation margin (also called Contingent Variation Margin or Maintenance Margin) is the daily Profit and Loss (P&L) on Open Positions for the given trading date. The current price is compared to the previous day's price. Variation margin (a daily offsetting of profits and losses) occurs as a result of the mark-to-market procedure used for futures and options on futures.
24	SecondaryVariationMargin	Secondary Variation Margin. Variation margin on Option Positions that is calculated based on the market movement. This will be used by CCPs wanting to report the variation for Options and Futures separately.
25	RolledUpMarginDeficit	Rolled up margin deficit
26	SpreadResponseMargin	Spread response margin. Risk factor component associated with spread moves, curve shape changes and recovery rates.
27	SystemicRiskMargin	Systemic risk margin. Risk factor component to capture parallel shift of credit spreads.
28	CurveRiskMargin	Curve risk margin. Risk factor captures curve shifts based on portfolio.
29	IndexSpreadRiskMargin	Index spread risk margin. Risk factor component associated with risks due to widening/tightening spreads of CDS indices relative to each other.
30	SectorRiskMargin	Sector risk margin. Risk factor component to capture sector risk.

Code	Name	Description
31	JumpToDefaultRiskMargin	Jump-to-default risk margin. Risk factor component to capture extreme widening of credit spreads of a reference entity. Also known as Idiosyncratic Risk.
32	BasisRiskMargin	Basis risk margin. Risk factor component to capture basis risk between index and index constituent reference entities.
33	InterestRateRiskMargin	Interest rate risk margin. Risk factor component associated with parallel shift movements in interest rates.
34	JumpToHealthRiskMargin	Jump-to-health risk margin. Risk factor component to capture extreme narrowing of credit spreads of a reference entity. Also known as Idiosyncratic Risk.
35	OtherRiskMargin	Other risk margin. Any other risk factors include in the Margin Model.

---

Used in groups: [MarginAmount](#)

### 170.2.2687 MarginClass

Identifier for group of instruments with similar risk profile.

Type: [String](#)

Used in messages: [MarginRequirementInquiry](#), [MarginRequirementInquiryAck](#), [MarginRequirementReport](#)

### 170.2.2688 MarginDirection

Indicates whether the margin described is posted or received.

Type: [int](#)

Allowed values in MarginDirectionCodeSet:

Code	Name	Description
0	Posted	Posted. The party or account that is the object of the report posted margin.
1	Received	Received. The party or account that is the object of the report received margin.

---

Used in groups: [MarginAmount](#)



**170.2.2689 MarginExcess**

Excess margin amount (deficit if value is negative)

Type: [Amt](#)

Used in messages: [AccountSummaryReport](#), [CollateralAssignment](#), [CollateralInquiry](#), [CollateralReport](#), [CollateralRequest](#), [CollateralResponse](#)

**170.2.2690 MarginRatio**

The fraction of the cash consideration that must be collateralized, expressed as a percent. A MarginRatio of 02% indicates that the value of the collateral (after deducting for "haircut") must exceed the cash consideration by 2%.

Type: [Percentage](#)

Used in components: [FinancingDetails](#)

**170.2.2691 MarginReqmtInqID**

Unique identifier of the MarginRequirementInquiry.

Type: [String](#)

Used in messages: [MarginRequirementInquiry](#), [MarginRequirementInquiryAck](#), [MarginRequirementReport](#), [PositionReport](#)

**170.2.2692 MarginReqmtInqQualGrp**

---

Name	Mult.	Type	Description
<a href="#">NoMarginReqmtInqQualifier</a>	[1..1]	NumInGroup	Number of qualifier entries
<a href="#">MarginReqmtInqQualifier</a>	[0..1]	CodeSet	

---

Used in messages: [MarginRequirementInquiry](#), [MarginRequirementInquiryAck](#)

**170.2.2693 MarginReqmtInqQualifier**

Qualifier for MarginRequirementInquiry to identify a specific report.

Type: **int**

Allowed values in MarginReqmtInqQualifierCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	Summary	Summary
1	Detail	Detail
2	ExcessDeficit	Excess/Deficit
3	NetPosition	Net Position

---

Used in groups: **MarginReqmtInqQualGrp**

**170.2.2694 MarginReqmtInqResult**

Result returned in response to MarginRequirementInquiry.

Type: **int**

Allowed values in MarginReqmtInqResultCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	Successful	Successful (default)
1	InvalidOrUnknownInstrument	Invalid or unknown instrument
2	InvalidOrUnknownMarginClass	Invalid or unknown margin class
3	InvalidParties	Invalid Parties
4	InvalidTransportTypeReq	Invalid Transport Type requested
5	InvalidDestinationReq	Invalid Destination requested
6	NoMarginReqFound	No margin requirement found
7	MarginReqInquiryQualifierNotSupported	Margin requirement inquiry qualifier not supported
8	UnauthorizedForMarginReqInquiry	Unauthorized for margin requirement inquiry
99	Other	Other (further information in Text (58) field)

---

Used in messages: **MarginRequirementInquiryAck**

**170.2.2695 MarginReqmtInqStatus**

Status of MarginRequirementInquiry.

Type: **int**

Allowed values in CollInquiryStatusCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	Accepted	Accepted
1	AcceptedWithWarnings	Accepted With Warnings
2	Completed	Completed
3	CompletedWithWarnings	Completed With Warnings
4	Rejected	Rejected

---

Used in messages: **MarginRequirementInquiryAck**

**170.2.2696 MarginReqmtRptID**

Identifier for the MarginRequirementReport message.

Type: **String**

Used in messages: **MarginRequirementReport**

**170.2.2697 MarginReqmtRptType**

Type of MarginRequirementReport.

Type: **int**

Allowed values in MarginReqmtRptTypeCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	Summary	Summary
1	Detail	Detail
2	ExcessDeficit	Excess/Deficit

---

Used in messages: **MarginRequirementReport**

**170.2.2698 MarketCondition**

Market condition. In the context of ESMA RTS 8 it is important that trading venues communicate the condition of the market, particularly "stressed" and "exceptional", in order to provide incentives for firms contributing to liquidity.

Type: **int**

Allowed values in MarketConditionCodeSet:

Code	Name	Description
0	Normal	Normal. The condition of the market in the absence of "stressed" or "exceptional" conditions.
1	Stressed	Stressed. In the context of ESMA RTS 8 Article 6: Trading venues shall set out the parameters to identify stressed market conditions in terms of significant short-term changes of price and volume. Trading venues shall consider the resumption of trading after volatility interruptions as stressed market conditions.
2	Exceptional	Exceptional. In the context of ESMA RTS 8 Article 3: Due to (a) a situation of extreme volatility; (b) war, industrial action, civil unrest or cyber sabotage; (c) disorderly trading conditions, e.g. due to technical issues; (d) unavailability of risk management facilities.

Used in groups: **MDFullGrp**, **MDIncGrp**

**170.2.2699 MarketDataFeedTypes**

The MarketDataFeedTypes component is used to specify the different available feed types and sub-types, and additional market data feed related attributes, such as the market depth of the specified feed type.

Name	Mult.	Type	Description
<b>NoMDFeedTypes</b>	[1..1]	NumInGroup	
<b>MDFeedType</b>	[0..1]	String	Required if NoMDFeedTypes(1141) > 0.
<b>MDSUBFeedType</b>	[0..1]	String	
<b>MarketDepth</b>	[0..1]	int	Specifies the depth of book (or levels of market depth) for the feed type.

Name	Mult.	Type	Description
MarketDepthTimeInterval	[0..1]	int	Conditionally required when MarketDepthTimeIntervalUnit(2564) is specified.
MarketDepthTimeIntervalUnit	[0..1]	CodeSet	Conditionally required when MarketDataTimeInterval(2563) is specified.
MDRecoveryTimeInterval	[0..1]	int	Conditionally required when MDRecoveryTimeIntervalUnit(2566) is specified.
MDRecoveryTimeIntervalUnit	[0..1]	CodeSet	Conditionally required when MDRecoveryTimeInterval(2565) is specified.
MDBookType	[0..1]	CodeSet	
MDSubBookType	[0..1]	int	
PrimaryServiceLocationID	[0..1]	String	
SecondaryServiceLocationID	[0..1]	String	

Used in components: [TradingSessionRules](#)

Used in messages: [MarketDefinition](#), [MarketDefinitionUpdateReport](#)

### 170.2.2700 MarketDepth

Depth of market for Book Snapshot / Incremental updates

0 - full book depth

1 - top of book

2 and above - book depth (number of levels)

Type: [int](#)

Used in components: [MDStatisticParameters](#)

Used in groups: [MDIncGrp](#), [MarketDataFeedTypes](#)

Used in messages: [MarketDataRequest](#), [MarketDataSnapshotFullRefresh](#), [SecurityMassStatus](#), [SecurityStatus](#)

### 170.2.2701 MarketDepthTimeInterval

Specifies the time interval used for netting market data in a price depth feed.

Type: [int](#)

Used in groups: [MarketDataFeedTypes](#)

**170.2.2702 MarketDepthTimeIntervalUnit**

The time unit associated with the time interval of the netting of market data in a price depth feed.

Type: [int](#)

Allowed values in OrderDelayUnitCodeSet:

Code	Name	Description
0	Seconds	Seconds (default if not specified)
1	TenthsOfASecond	Tenths of a second
2	HundredthsOfASecond	Hundredths of a second
3	Milliseconds	milliseconds
4	Microseconds	microseconds
5	Nanoseconds	nanoseconds
10	Minutes	minutes
11	Hours	hours
12	Days	days
13	Weeks	weeks
14	Months	months
15	Years	years

Used in groups: [MarketDataFeedTypes](#)

**170.2.2703 MarketDisruption**

The MarketDisruption component is a subcomponent of the Instrument used to specify the market disruption provisions of the swap.

Name	Mult.	Type	Description
<a href="#">MarketDisruptionProvision</a>	[0..1]	CodeSet	
<a href="#">MarketDisruptionEventGrp</a>	[0..*]	Group	
<a href="#">MarketDisruptionFallbackProvision</a>	[0..1]	CodeSet	
<a href="#">MarketDisruptionFallbackGrp</a>	[0..*]	Group	
<a href="#">MarketDisruptionFallbackReferencePriceGrp</a>	[0..*]	Group	
<a href="#">MarketDisruptionMaximumDays</a>	[0..1]	int	

Name	Mult.	Type	Description
MarketDisruptionMaterialityPercentage	[0..1]	Percentage	If specified, the disruption event should be specified in MarketDisruptionEventGrp.
MarketDisruptionMinimumFuturesContracts	[0..1]	int	Applicable only when MarketDisruptionEvent(41093)='DeMinimisTrading'.

Used in components: [Instrument](#)

### 170.2.2704 MarketDisruptionEvent

Specifies the market disruption event.

For commodities see <http://www.fpml.org/coding-scheme/commodity-market-disruption> for values.

For foreign exchange, see [http://www.fixtradingcommunity.org/codelists#Market\\_Disruption\\_Event](http://www.fixtradingcommunity.org/codelists#Market_Disruption_Event) for code list of applicable event types.

Type: [String](#)

Used in groups: [MarketDisruptionEventGrp](#)

### 170.2.2705 MarketDisruptionEventGrp

The MarketDisruptionEventGrp is a repeating subcomponent of the MarketDisruption component used to specify the market disruption events.

Name	Mult.	Type	Description
NoMarketDisruptionEvents	[1..1]	NumInGroup	
MarketDisruptionEvent	[0..1]	String	Required if NoMarketDisruptionEvents(41092) > 0.
MarketDisruptionValue	[0..1]	String	

Used in components: [MarketDisruption](#)

### 170.2.2706 MarketDisruptionFallbackBasketCurrency

Specifies the currency if the underlier is a basket. Uses ISO 4217 currency codes.

Type: **Currency**

Used in groups: **MarketDisruptionFallbackReferencePriceGrp**

#### **170.2.2707 MarketDisruptionFallbackBasketDivisor**

Specifies the basket divisor amount. This value is normally used to adjust the constituent weight for pricing or to adjust for dividends, or other corporate actions.

Type: **float**

Used in groups: **MarketDisruptionFallbackReferencePriceGrp**

#### **170.2.2708 MarketDisruptionFallbackGrp**

The MarketDisruptionFallbackGrp is a repeating subcomponent of the MarketDisruption component used to specify the market disruption fallback provisions.

---

<b>Name</b>	<b>Mult.</b>	<b>Type</b>	<b>Description</b>
<b>NoMarketDisruptionFallbacks</b>	[1..1]	NumInGroup	
<b>MarketDisruptionFallbackType</b>	[0..1]	String	Required if NoMarketDisruptionFallbacks(41094) > 0. The sequence of entries specifies the order in which the fallback provisions should be applied.
<b>MarketDisruptionFallbackValue</b>	[0..1]	String	

---

Used in components: **MarketDisruption**

#### **170.2.2709 MarketDisruptionFallbackOpenUnits**

If there are multiple underlying assets, this specifies the number of units (index or securities) that constitute the underlier of the swap. In the case of a basket swap, this is used to reference both the number of basket units, and the number of each asset components of the basket when these are expressed in absolute terms.

Type: **Qty**

Used in groups: **MarketDisruptionFallbackReferencePriceGrp**



**170.2.2710 MarketDisruptionFallbackProvision**

Specifies the location of the fallback provision documentation.

Type: **int**

Allowed values in MarketDisruptionFallbackProvisionCodeSet:

Code	Name	Description
0	MasterAgreement	As specified in master agreement
1	Confirmation	As specified in confirmation

Used in components: **MarketDisruption**

**170.2.2711 MarketDisruptionFallbackReferencePriceGrp**

The MarketDisruptionFallbackReferencePriceGrp is a repeating subcomponent of the MarketDisruption component used to specify the fallback reference price and underlying security provisions

Name	Mult.	Type	Description
NoMarketDisruptionFallbackReferencePrices	[1..1]	NumInGroup	
MarketDisruptionFallbackUnderlierType	[0..1]	CodeSet	Required if NoMarketDisruptionFallbackReferencePrices(41096) > 0.
MarketDisruptionFallbackUnderlierSecurityID	[0..1]	String	Conditionally required when MarketDisruptionFallbackUnderlierSecurityIDSource(41099) is specified.
MarketDisruptionFallbackUnderlierSecurityIDSource	[0..1]	CodeSet	Conditionally required when MarketDisruptionFallbackUnderlierSecurityID(41098) is specified.
MarketDisruptionFallbackUnderlierSecurityDesc	[0..1]	String	
EncodedMarketDisruptionFallbackUnderlierSecurityDescLen	[0..1]	Length	Must be set if EncodedMarketDisruptionFallbackUnderlierSecurityDesc(41102) field is specified and must immediately precede it
EncodedMarketDisruptionFallbackUnderlierSecurityDesc	[0..1]	data	Encoded (non-ASCII characters) representation of the MarketDisruptionFallbackUnderlierSecurityDesc(41100) field in the encoded format specified via the MessageEncoding(347) field.
MarketDisruptionFallbackOpenUnits	[0..1]	Qty	

Name	Mult.	Type	Description
MarketDisruptionFallbackBasketCurrency	[0..1]	Currency	
MarketDisruptionFallbackBasketDivisor	[0..1]	float	

---

Used in components: [MarketDisruption](#)

#### **170.2.2712 MarketDisruptionFallbackType**

Specifies the type of disruption fallback.

See <http://www.fpml.org/coding-scheme/commodity-market-disruption-fallback> for values.

Type: [String](#)

Used in groups: [MarketDisruptionFallbackGrp](#)

#### **170.2.2713 MarketDisruptionFallbackUnderlierSecurityDesc**

Specifies the description of the underlying security.

Type: [String](#)

Used in groups: [MarketDisruptionFallbackReferencePriceGrp](#)

#### **170.2.2714 MarketDisruptionFallbackUnderlierSecurityID**

Specifies the identifier value of the security.

Type: [String](#)

Used in groups: [MarketDisruptionFallbackReferencePriceGrp](#)

#### **170.2.2715 MarketDisruptionFallbackUnderlierSecurityIDSource**

Specifies the class or source scheme of the security identifier.

Type: [String](#)

Allowed values in SecurityIDSourceCodeSet:

<b>Code</b>	<b>Name</b>	<b>Description</b>
1	CUSIP	CUSIP
2	SEDOL	SEDOL
3	QUIK	QUIK
4	ISINNumber	ISIN
5	RICCode	RIC
6	ISOCurrencyCode	ISO Currency Code (ISO 4217)
7	ISOCountryCode	ISO Country Code
8	ExchangeSymbol	Exchange symbol
9	ConsolidatedTapeAssociation	Consolidated Tape Association (CTA) Symbol (SIAC CTS/CQS line format)
A	BloombergSymbol	Bloomberg Symbol
B	Wertpapier	Wertpapier
C	Dutch	Dutch
D	Valoren	Valoren
E	Sicovam	Sicovam
F	Belgian	Belgian
G	Common	"Common" (Clearstream and Euroclear)
H	ClearingHouse	Clearing house / Clearing organization
I	ISDAFpMLSpecification	ISDA/FpML product specification (XML in SecurityXML(1185))
J	OptionPriceReportingAuthority	Option Price Reporting Authority
K	ISDAFpMLURL	ISDA/FpML product URL (URL in SecurityID(48))
L	LetterOfCredit	Letter of credit
M	MarketplaceAssignedIdentifier	Marketplace-assigned Identifier
N	MarkitREDEntityCLIP	Markit RED entity CLIP
P	MarkitREDPairCLIP	Markit RED pair CLIP
Q	CFTCCommodityCode	CFTC commodity code
R	ISDACommodityReferencePrice	ISDA Commodity Reference Price
S	FinancialInstrumentGlobalIdentifier	Financial Instrument Global Identifier. An Object Management Group (OMG) standard. Also referred to as FIGI. Formerly known as "Bloomberg Open Symbology BBGID".
T	LegalEntityIdentifier	Legal entity identifier
U	Synthetic	Synthetic. Used to specify that the security identifier is synthetic for linking nested underliers when there is no market identifier for the collection.
V	FidessaInstrumentMnemonic	Fidessa Instrument Mnemonic (FIM)

Code	Name	Description
W	IndexName	Index name. Standard name of the index or rate index, e.g. "LIBOR" or "iTraxx Australia".
X	UniformSymbol	Uniform Symbol (UMTF Symbol)
Y	DigitalTokenIdentifier	Digital Token Identifier (ISO 24165)

Used in groups: [MarketDisruptionFallbackReferencePriceGrp](#)

### 170.2.2716 MarketDisruptionFallbackUnderlierType

The type of reference price underlier.

Type: [int](#)

Allowed values in MarketDisruptionFallbackUnderlierTypeCodeSet:

Code	Name	Description
0	Basket	Basket
1	Bond	Bond
2	Cash	Cash
3	Commodity	Commodity
4	ConvertibleBond	Convertible bond
5	Equity	Equity
6	ExchangeTradedFund	Exchange traded fund
7	Future	Future
8	Index	Index
9	Loan	Loan
10	Mortgage	Mortgage
11	MutualFund	Mutual fund

Used in groups: [MarketDisruptionFallbackReferencePriceGrp](#)

### 170.2.2717 MarketDisruptionFallbackValue

Applicable value for MarketDisruptionFallbackType(41095).

Type: [String](#)

Used in groups: [MarketDisruptionFallbackGrp](#)

### **170.2.2718 MarketDisruptionMaterialityPercentage**

Used when a price materiality percentage applies to the price source disruption event and this event has been specified.

Type: [Percentage](#)

Used in components: [MarketDisruption](#)

### **170.2.2719 MarketDisruptionMaximumDays**

Specifies the maximum number of market disruption days (commodity or bullion business days) in a contract or confirmation. If none are specified, the maximum number of market disruption days is five (5).

Type: [int](#)

Used in components: [MarketDisruption](#)

### **170.2.2720 MarketDisruptionMinimumFuturesContracts**

Specifies the minimum futures contracts level that dictates whether or not a 'De Minimis Trading' event has occurred.

Type: [int](#)

Used in components: [MarketDisruption](#)

### **170.2.2721 MarketDisruptionProvision**

The consequences of market disruption events.

Type: [int](#)

Allowed values in MarketDisruptionProvisionCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	NotApplicable	Not applicable
1	Applicable	Applicable

---

Code	Name	Description
2	AsInMasterAgreement	As specified in master agreement
3	AsInConfirmation	As specified in confirmation

Used in components: [MarketDisruption](#)

### **170.2.2722 MarketDisruptionValue**

Applicable value for [MarketDisruptionEvent\(41093\)](#).

Type: [String](#)

Used in groups: [MarketDisruptionEventGrp](#)

### **170.2.2723 MarketID**

Identifies the market

Type: [Exchange](#)

Used in groups: [MarketSegmentGrp](#), [MarketSegmentScopeGrp](#), [TrdSessLstGrp](#)

Used in messages: [CrossRequest](#), [CrossRequestAck](#), [DerivativeSecurityListRequest](#), [MarketDataIncrementalRefresh](#), [MarketDataSnapshotFullRefresh](#), [MarketDataStatisticsReport](#), [MarketDataStatisticsRequest](#), [MarketDefinition](#), [MarketDefinitionRequest](#), [MarketDefinitionUpdateReport](#), [MassOrder](#), [MassOrderAck](#), [News](#), [OrderMassActionReport](#), [OrderMassActionRequest](#), [OrderMassCancelReport](#), [OrderMassCancelRequest](#), [PartyActionReport](#), [PartyActionRequest](#), [SecurityDefinitionRequest](#), [SecurityList](#), [SecurityListRequest](#), [SecurityListUpdateReport](#), [SecurityMassStatus](#), [SecurityMassStatusRequest](#), [SecurityStatus](#), [SecurityStatusRequest](#), [SecurityTypeRequest](#), [SecurityTypes](#), [TradeCaptureReport](#), [TradeCaptureReportAck](#), [TradeMatchReport](#), [TradingSessionListRequest](#), [TradingSessionStatus](#), [TradingSessionStatusRequest](#)

### **170.2.2724 MarketMakerActivity**

Indicates market maker participation in security.

Type: [int](#)

Allowed values in [MarketMakerActivityCodeSet](#):

---

Code	Name	Description
0	NoParticipation	No participation
1	BuyParticipation	Buy participation
2	SellParticipation	Sell participation
3	BothBuyAndSellParticipation	Both buy and sell participation

---

Used in messages: [SecurityStatus](#)

### **170.2.2725 MarketReportID**

Market Definition message identifier.

Type: [String](#)

Used in messages: [MarketDefinition](#), [MarketDefinitionUpdateReport](#)

### **170.2.2726 MarketReqID**

Unique ID of a Market Definition Request message.

Type: [String](#)

Used in messages: [MarketDefinition](#), [MarketDefinitionRequest](#), [MarketDefinitionUpdateReport](#)

### **170.2.2727 MarketSegmentDesc**

Description or name of Market Segment

Type: [String](#)

Used in messages: [MarketDataStatisticsReport](#), [MarketDataStatisticsRequest](#), [MarketDefinition](#), [MarketDefinitionUpdateReport](#)

### **170.2.2728 MarketSegmentGrp**

---

Name	Mult.	Type	Description
<a href="#">NoMarketSegments</a>	[1..1]	NumInGroup	Number of Market Segments on which a security may trade.

---

Name	Mult.	Type	Description
MarketID	[0..1]	Exchange	Identifies the market which lists and trades the instrument.
MarketSegmentID	[0..1]	String	Identifies the segment of the market to which the specify trading rules and listing rules apply.
SecurityTradingRules	[0..1]	Component	
StrikeRules	[0..*]	Group	This block specifies the rules for determining how new strikes should be listed within the stated price range of the underlying instrument.

Used in components: [DerivativeSecurityDefinition](#)

Used in messages: [SecurityDefinition](#), [SecurityDefinitionUpdateReport](#)

### 170.2.2729 MarketSegmentID

Identifies the market segment

Type: [String](#)

Used in groups: [MarketSegmentGrp](#), [MarketSegmentScopeGrp](#), [TrdSessLstGrp](#)

Used in messages: [CrossOrderCancelReplaceRequest](#), [CrossOrderCancelRequest](#), [CrossRequest](#), [CrossRequestAck](#), [DerivativeSecurityListRequest](#), [ExecutionReport](#), [MarketDataIncrementalRefresh](#), [MarketDataSnapshotFullRefresh](#), [MarketDataStatisticsReport](#), [MarketDataStatisticsRequest](#), [MarketDefinition](#), [MarketDefinitionRequest](#), [MarketDefinitionUpdateReport](#), [MassOrder](#), [MassOrderAck](#), [MultilegOrderCancelReplace](#), [NewOrderCross](#), [NewOrderMultileg](#), [NewOrderSingle](#), [News](#), [OrderCancelReplaceRequest](#), [OrderCancelRequest](#), [OrderMassActionReport](#), [OrderMassActionRequest](#), [OrderMassCancelReport](#), [OrderMassCancelRequest](#), [OrderStatusRequest](#), [PartyActionReport](#), [PartyActionRequest](#), [SecurityDefinitionRequest](#), [SecurityList](#), [SecurityListRequest](#), [SecurityListUpdateReport](#), [SecurityMassStatus](#), [SecurityMassStatusRequest](#), [SecurityStatus](#), [SecurityStatusRequest](#), [SecurityTypeRequest](#), [SecurityTypes](#), [TradeCaptureReport](#), [TradeCaptureReportAck](#), [TradeMatchReport](#), [TradingSessionListRequest](#), [TradingSessionStatus](#), [TradingSessionStatusRequest](#)

### 170.2.2730 MarketSegmentRelationship

Type of relationship between two or more market segments.

Type: [int](#)

Allowed values in [MarketSegmentRelationshipCodeSet](#):



Code	Name	Description
1	MarketSegmentPoolMember	Market segment pool member. Market segments represent constituents of the pool identified.
2	RetailSegment	Retail segment. Retail segment related to wholesale segment identified.
3	WholesaleSegment	Wholesale segment. Wholesale segment related to retail segment identified.

Used in groups: [RelatedMarketSegmentGrp](#)

### 170.2.2731 MarketSegmentScopeGrp

Conveys a list of markets and, optionally, their market segments. Note that the component MarketSegmentGrp exists, but is not useful for this purpose, as it conveys additional information not appropriate in this context.

Name	Mult.	Type	Description
<a href="#">NoMarketSegments</a>	[1..1]	NumInGroup	
<a href="#">MarketID</a>	[0..1]	Exchange	Required if NoMarketSegments(1310) > 0.
<a href="#">MarketSegmentID</a>	[0..1]	String	

Used in groups: [EntitlementGrp](#)

Used in messages: [MarketDataRequest](#), [PartyEntitlementsRequest](#)

### 170.2.2732 MarketSegmentStatus

Status of market segment.

Type: [int](#)

Allowed values in MarketSegmentStatusCodeSet:

Code	Name	Description
1	Active	Active. Market segment is active, i.e. trading is possible.
2	Inactive	Inactive. Market segment has previously been active and is now inactive.

---

Code	Name	Description
3	Published	Published. Market segment information is provided prior to its first activation.

---

Used in messages: [MarketDefinition](#), [MarketDefinitionUpdateReport](#)

### 170.2.2733 MarketSegmentSubType

Used to further categorize market segments within a MarketSegmentType(2543).

Type: [int](#)

Allowed values in MarketSegmentSubTypeCodeSet:

---

Code	Name	Description
1	InterProductSpread	Inter-product spread. Complex instruments which consist of leg instruments from different products, e.g. a location spread which include country-specific products in each leg instrument.

---

Used in messages: [MarketDefinition](#), [MarketDefinitionUpdateReport](#)

### 170.2.2734 MarketSegmentType

Used to classify the type of market segment.

Type: [int](#)

Allowed values in MarketSegmentTypeCodeSet:

---

Code	Name	Description
1	Pool	Pool. Used when multiple market segments are being grouped or pooled together.
2	Retail	Retail.
3	Wholesale	Wholesale.

---

Used in messages: [MarketDefinition](#), [MarketDefinitionUpdateReport](#)

**170.2.2735 MarketUpdateAction**

Specifies the action taken for the specified MarketID(1301) + MarketSegmentID(1300).

Type: **char**

Allowed values in SecurityUpdateActionCodeSet:

---

Code	Name	Description
A	Add	Add
D	Delete	Delete
M	Modify	Modify

---

Used in messages: **MarketDefinitionUpdateReport**

**170.2.2736 MassActionReason**

Reason for submission of mass action.

Type: **int**

Allowed values in MassActionReasonCodeSet:

---

Code	Name	Description
0	None	No special reason (default)
1	TradingRiskControl	Trading risk control. General violation of trading rules. Can be used if specific reason is unavailable or must not be disclosed.
2	ClearingRiskControl	Clearing risk control. General violation of clearing rules. Can be used if specific reason is unavailable or must not be disclosed.
3	MarketMakerProtection	Market maker protection. Specific action taken to prevent further executions for a market maker.
4	StopTrading	Stop trading. Specific action taken in conjunction with the prevention of further trading. Scope can be defined with TargetParties component.
5	EmergencyAction	Emergency action. Specific action taken due to an emergency condition. Scope can be defined with TargetParties component.
6	SessionLossLogout	Session loss or logout. Protection of trader or firm after having lost connectivity.
7	DuplicateLogin	Duplicate login. Trader only allowed to login once.

---

Code	Name	Description
8	ProductNotTraded	Product not traded. Product not available for trading, e.g. in a halted state.
9	InstrumentNotTraded	Instrument not traded. Instrument not available for trading, e.g. due to intra-day expiration.
10	CompleInstrumentDeleted	Complex instrument deleted. Removal of complex instrument, e.g. due to expiry, leading to mass action on open orders.
11	CircuitBreakerActivated	Circuit breaker activated. Trading interruption leading to mass action on open orders.
99	Other	Other

Used in messages: [OrderMassActionReport](#), [OrderMassActionRequest](#)

### 170.2.2737 MassActionRejectReason

Reason Order Mass Action Request was rejected

Type: [int](#)

Allowed values in MassActionRejectReasonCodeSet:

Code	Name	Description
0	MassActionNotSupported	Mass action not supported
1	InvalidOrUnknownSecurity	Invalid or unknown security
2	InvalidOrUnknownUnderlyingSecurity	Invalid or unknown underlying security
3	InvalidOrUnknownProduct	Invalid or unknown product
4	InvalidOrUnknownCFIcode	Invalid or unknown CFI Code
5	InvalidOrUnknownSecurityType	Invalid or unknown security type
6	InvalidOrUnknownTradingSession	Invalid or unknown trading session
7	InvalidOrUnknownMarket	Invalid or unknown market
8	InvalidOrUnknownMarketSegment	Invalid or unknown market segment
9	InvalidOrUnknownSecurityGroup	Invalid or unknown security group
10	InvalidOrUnknownSecurityIssuer	Invalid or unknown issuer
11	InvalidOrUnknownIssuerOfUnderlyingSecurity	Invalid or unknown issuer of underlying security
99	Other	Other

Used in messages: [OrderMassActionReport](#)

### 170.2.2738 MassActionReportID

Unique identifier of Order Mass Cancel Report or Order Mass Action Report message as assigned by sell-side (broker, exchange, ECN)

Type: [String](#)

Used in messages: [OrderMassActionReport](#), [OrderMassCancelReport](#)

### 170.2.2739 MassActionResponse

Specifies the action taken by counterparty order handling system as a result of the action type indicated in MassActionType of the Order Mass Action Request.

Type: [int](#)

Allowed values in MassActionResponseCodeSet:

---

Code	Name	Description
0	Rejected	Rejected - See MassActionRejectReason(1376)
1	Accepted	Accepted
2	Completed	Completed

---

Used in messages: [OrderMassActionReport](#)

### 170.2.2740 MassActionScope

Specifies scope of Order Mass Action Request.

Type: [int](#)

Allowed values in MassActionScopeCodeSet:

---

Code	Name	Description
1	AllOrdersForASecurity	All orders for a security
2	AllOrdersForAnUnderlyingSecurity	All orders for an underlying security
3	AllOrdersForAProduct	All orders for a product

---

---

Code	Name	Description
4	AllOrdersForACFIcode	All orders for a CFI Code
5	AllOrdersForASecurityType	All orders for a security type
6	AllOrdersForATradingSession	All orders for a trading session
7	AllOrders	All orders
8	AllOrdersForAMarket	All orders for a market
9	AllOrdersForAMarketSegment	All orders for a market segment (or multiple segments)
10	AllOrdersForASecurityGroup	All orders for a security group
11	CancelForSecurityIssuer	All orders for an issuer
12	CancelForIssuerOfUnderlyingSecurity	All orders for an issuer of underlying security

---

Used in messages: [OrderMassActionReport](#), [OrderMassActionRequest](#)

#### **170.2.2741 MassActionType**

Specifies the type of action requested

Type: [int](#)

Allowed values in MassActionCodeSet:

---

Code	Name	Description
1	SuspendOrders	Suspend orders
2	ReleaseOrdersFromSuspension	Release orders from suspension
3	CancelOrders	Cancel orders

---

Used in messages: [OrderMassActionReport](#), [OrderMassActionRequest](#)

#### **170.2.2742 MassCancelRejectReason**

Reason Order Mass Cancel Request was rejected

Type: [int](#)

Allowed values in MassCancelRejectReasonCodeSet:

Code	Name	Description
0	MassCancelNotSupported	Mass Cancel Not Supported
1	InvalidOrUnknownSecurity	Invalid or unknown security
2	InvalidOrUnknownUnderlyingSecurity	Invalid or unknown underlying security
3	InvalidOrUnknownProduct	Invalid or unknown product
4	InvalidOrUnknownCFIcode	Invalid or unknown CFI Code
5	InvalidOrUnknownSecurityType	Invalid or unknown security type
6	InvalidOrUnknownTradingSession	Invalid or unknown trading session
7	InvalidOrUnknownMarket	Invalid or unknown market
8	InvalidOrUnknownMarketSegment	Invalid or unknown market segment
9	InvalidOrUnknownSecurityGroup	Invalid or unknown security group
10	InvalidOrUnknownSecurityIssuer	Invalid or unknown security issuer
11	InvalidOrUnknownIssuerOfUnderlyingSecurity	Invalid or unknown issuer of underlying security
99	Other	Other

Used in messages: [OrderMassCancelReport](#)

### 170.2.2743 MassCancelRequestType

Specifies scope of Order Mass Cancel Request.

Type: [char](#)

Allowed values in MassCancelRequestTypeCodeSet:

Code	Name	Description
1	CancelOrdersForASecurity	Cancel orders for a security
2	CancelOrdersForAnUnderlyingSecurity	Cancel orders for an underlying security
3	CancelOrdersForAProduct	Cancel orders for a product
4	CancelOrdersForACFIcode	Cancel orders for a CFIcode
5	CancelOrdersForASecurityType	Cancel orders for a security type
6	CancelOrdersForATradingSession	Cancel orders for a trading session
7	CancelAllOrders	Cancel all orders
8	CancelOrdersForAMarket	Cancel orders for a market

Code	Name	Description
9	CancelOrdersForAMarketSegment	Cancel orders for a market segment
A	CancelOrdersForASecurityGroup	Cancel orders for a security group
B	CancelOrdersForSecurityIssuer	Cancel orders for an issuer
C	CancelForIssuerOfUnderlyingSecurity	Cancel orders for an issuer of underlying security

Used in messages: [OrderMassCancelReport](#), [OrderMassCancelRequest](#)

### 170.2.2744 MassCancelResponse

Specifies the action taken by counterparty order handling system as a result of the Order Mass Cancel Request

Type: [char](#)

Allowed values in MassCancelResponseCodeSet:

Code	Name	Description
0	CancelRequestRejected	Cancel Request Rejected - See MassCancelRejectReason (532)
1	CancelOrdersForASecurity	Cancel orders for a security
2	CancelOrdersForAnUnderlyingSecurity	Cancel orders for an underlying security
3	CancelOrdersForAProduct	Cancel orders for a product
4	CancelOrdersForACFICode	Cancel orders for a CFI Code
5	CancelOrdersForASecurityType	Cancel orders for a security type
6	CancelOrdersForATradingSession	Cancel orders for a trading session
7	CancelAllOrders	Cancel all orders
8	CancelOrdersForAMarket	Cancel orders for a market
9	CancelOrdersForAMarketSegment	Cancel orders for a market segment
A	CancelOrdersForASecurityGroup	Cancel orders for a security group
B	CancelOrdersForASecuritiesIssuer	Cancel orders for an issuer
C	CancelOrdersForIssuerOfUnderlyingSecurity	Cancel orders for an issuer of underlying security

Used in messages: [OrderMassCancelReport](#)



**170.2.2745 MassHaltReason**

Denotes the reason for the Opening Delay or Trading halt of a group of securities.

Type: **int**

Allowed values in HaltReasonCodeSet:

Code	Name	Description
0	NewsDissemination	News Dissemination
1	OrderInflux	Order Influx
2	OrderImbalance	Order Imbalance
3	AdditionalInformation	Additional Information
4	NewsPending	News Pending
5	EquipmentChangeover	Equipment Changeover

Used in messages: **SecurityMassStatus**

**170.2.2746 MassOrderReportID**

Unique message identifier for the response to a mass order request as assigned by the receiver of the orders.

Type: **String**

Used in messages: **MassOrderAck**

**170.2.2747 MassOrderRequestID**

Unique message identifier for a mass order request as assigned by the submitter of the orders.

Type: **String**

Used in messages: **ExecutionReport, MassOrder, MassOrderAck**

**170.2.2748 MassOrderRequestResult**

Request result of mass order request.

Type: **int**

Allowed values in MassOrderRequestResultCodeSet:

Code	Name	Description
0	Successful	Successful
1	ResponseLevelNotSupported	Response level not supported
2	InvalidMarket	Invalid market
3	InvalidMarketSegment	Invalid market segment
99	Other	Other

Used in messages: [MassOrderAck](#)

### 170.2.2749 MassOrderRequestStatus

Status of mass order request.

Type: [int](#)

Allowed values in MassOrderRequestStatusCodeSet:

Code	Name	Description
1	Accepted	Accepted
2	AcceptedWithAdditionalEvents	Accepted with additional events
3	Rejected	Rejected

Used in messages: [MassOrderAck](#)

### 170.2.2750 MassStatusReqID

Value assigned by issuer of Mass Status Request to uniquely identify the request

Type: [String](#)

Used in messages: [ExecutionReport](#), [OrderMassStatusRequest](#)

### 170.2.2751 MassStatusReqType

Specifies the type or scope of the mass order status request.

Type: **int**

Allowed values in `MassStatusReqTypeCodeSet`:

Code	Name	Description
1	StatusForOrdersForASecurity	Status for orders for a security
2	StatusForOrdersForAnUnderlyingSecurity	Status for orders for an underlying security
3	StatusForOrdersForAProduct	Status for orders for a product
4	StatusForOrdersForACFICode	Status for orders for a CFI Code
5	StatusForOrdersForASecurityType	Status for orders for a security type
6	StatusForOrdersForATradingSession	Status for orders for a trading session
7	StatusForAllOrders	Status for all orders
8	StatusForOrdersForAPartyID	Status for orders for a party identifier
9	StatusForSecurityIssuer	Status for orders for an issuer
10	StatusForIssuerOfUnderlyingSecurity	Status for orders for an issuer of underlying security

Used in messages: **OrderMassStatusRequest**

#### **170.2.2752 MasterConfirmationAnnexDate**

The date that an annex to the master confirmation was executed between the parties.

Type: **LocalMktDate**

Used in components: **FinancingDetails**

#### **170.2.2753 MasterConfirmationAnnexDesc**

The type of master confirmation annex executed between the parties.

See <http://www.fpml.org/coding-scheme/master-confirmation-annex-type> for values.

Type: **String**

Used in components: **FinancingDetails**

#### **170.2.2754 MasterConfirmationDate**

Alternative to broker confirmation. The date of the confirmation executed between the parties and intended to govern all relevant transactions between those parties.

Type: **LocalMktDate**

Used in components: **FinancingDetails**

#### **170.2.2755 MasterConfirmationDesc**

The type of master confirmation executed between the parties.

See <http://www.fpml.org/coding-scheme/master-confirmation-type> for values.

Type: **String**

Used in components: **FinancingDetails**

#### **170.2.2756 MatchAlgorithm**

The types of algorithm used to match orders in a specific security. Possible value types are FIFO, Allocation, Pro-rata, Lead Market Maker, Currency Calendar.

Type: **String**

Used in groups: **MatchRules**

#### **170.2.2757 MatchAttribTagID**

Existing FIX field to be applied as a matching criteria to the instruction, bilaterally agreed between parties.

Type: **TagNum**

Used in groups: **MatchingInstructions**

#### **170.2.2758 MatchAttribValue**

Value of MatchAttribTagID(1626) on which to apply the matching instruction.

Type: **String**

Used in groups: **MatchingInstructions**

**170.2.2759 MatchExceptionAllocValue**

The allocating party's data value used in the match operation.

Type: **String**

Used in groups: **MatchExceptionGrp**

**170.2.2760 MatchExceptionConfirmValue**

The confirming party's data value used in the match operation.

Type: **String**

Used in groups: **MatchExceptionGrp**

**170.2.2761 MatchExceptionElementName**

The matching exception data point name, for example: "Trade currency". This may be used for display purposes, providing a corresponding description for the value in MatchExceptionElementType(2774).

Type: **String**

Used in groups: **MatchExceptionGrp**

**170.2.2762 MatchExceptionElementType**

Identifies the data point used in the matching operation which resulted in an exception.

Type: **int**

Allowed values in MatchExceptionElementTypeCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
1	AccruedInterest	Accrued interest
2	DealPrice	Deal price
3	TradeDate	Trade date. Tolerance not applicable
4	SettlementDate	Settlement date. Tolerance not applicable
5	SideIndicator	Side indicator. Tolerance not applicable
6	TradedCurrency	Traded currency. Tolerance not applicable
7	AccountID	Account ID. Tolerance not applicable

---

Code	Name	Description
8	ExecutingBrokerID	Executing broker ID. Tolerance not applicable
9	SettlementCurrencyAndAmount	Settlement currency and amount
10	InvestmentManagerID	Investment manager ID. Tolerance not applicable
11	NetAmount	Net amount
12	PlaceOfSettlement	Place of settlement. Tolerance not applicable
13	Commissions	Commissions
14	SecurityIdentifier	Security identifier. Tolerance not applicable
15	QualityAllocated	Quantity allocated
16	Principal	Principal
17	Fees	Fees
18	Tax	Tax

Used in groups: [MatchExceptionGrp](#)

### 170.2.2763 MatchExceptionGrp

The MatchExceptionGrp component details the matching exceptions and variances identified during the matching process based on the defined matching criteria and tolerances.

Name	Mult.	Type	Description
NoMatchExceptions	[1..1]	NumInGroup	
MatchExceptionType	[0..1]	CodeSet	Required if NoMatchExceptions(2772) > 0.
MatchExceptionElementType	[0..1]	CodeSet	Required if NoMatchExceptions(2772) > 0.
MatchExceptionElementName	[0..1]	String	
MatchExceptionAllocValue	[0..1]	String	
MatchExceptionConfirmValue	[0..1]	String	
MatchExceptionToleranceValue	[0..1]	float	
MatchExceptionToleranceValueType	[0..1]	CodeSet	
MatchExceptionText	[0..1]	String	
EncodedMatchExceptionTextLen	[0..1]	Length	Must be set if EncodedMatchExceptionText(2780) field is specified and must immediately precede it.

---

Name	Mult.	Type	Description
EncodedMatchExceptionText	[0..1]	data	Encoded (non-ASCII characters) representation of the MatchExceptionText(2780) field in the encoded format specified via the MessageEncoding(347) field.

---

Used in messages: [Confirmation](#), [ConfirmationAck](#)

### 170.2.2764 MatchExceptionText

Description of the exception.

Type: [String](#)

Used in groups: [MatchExceptionGrp](#)

### 170.2.2765 MatchExceptionToleranceValue

The data element's tolerance value. Omitted if no tolerance is allowed or not applicable.

Type: [float](#)

Used in groups: [MatchExceptionGrp](#)

### 170.2.2766 MatchExceptionToleranceValueType

The type of value in MatchExceptionToleranceValue(2778). Omitted if no tolerance is allowed or not applicable.

Type: [int](#)

Allowed values in MatchExceptionToleranceValueTypeCodeSet:

---

Code	Name	Description
1	FixedAmount	Fixed amount. Default if not specified
2	Percentage	Percentage

---

Used in groups: [MatchExceptionGrp](#)

**170.2.2767 MatchExceptionType**

Type of matching exception.

Type: [int](#)

Allowed values in MatchExceptionTypeCodeSet:

Code	Name	Description
0	NoMatchingConfirmation	No matching confirmation
1	NoMatchingAllocation	No matching allocation
2	AllocationDataElementMissing	Allocation data element missing
3	ConfirmationDataElementMissing	Confirmation data element missing
4	DataDifferenceNotWithinTolerance	Data difference not within tolerance
5	MatchWithinTolerance	Match within tolerance
99	Other	Other

Used in groups: [MatchExceptionGrp](#)

**170.2.2768 MatchIncrement**

Allows orders to specify a minimum quantity that applies to every execution (one execution could be for multiple counter-orders). The order may still fill against smaller orders, but the cumulative quantity of the execution must be in multiples of the MatchIncrement.

Type: [Qty](#)

Used in groups: [ListOrdGrp](#)

Used in messages: [CrossOrderCancelReplaceRequest](#), [ExecutionReport](#), [MultilegOrderCancelReplace](#), [NewOrderCross](#), [NewOrderMultileg](#), [NewOrderSingle](#), [OrderCancelReplaceRequest](#)

**170.2.2769 MatchingDataPointGrp**

The MatchingDataPointGrp component details all the trade attributes and tolerances used for trade matching.

Name	Mult.	Type	Description
<a href="#">NoMatchingDataPoints</a>	[1..1]	NumInGroup	



Name	Mult.	Type	Description
MatchingDataPointIndicator	[0..1]	CodeSet	Required if NoMatchingDataPoints(2781) > 0.
MatchingDataPointValue	[0..1]	String	Required if NoMatchingDataPoints(2781) > 0.
MatchingDataPointType	[0..1]	CodeSet	Required if NoMatchingDataPoints(2781) > 0.
MatchingDataPointName	[0..1]	String	

---

Used in messages: [Confirmation](#), [ConfirmationAck](#)

### 170.2.2770 MatchingDataPointIndicator

Data point's matching type.

Type: [int](#)

Allowed values in MatchingDataPointIndicatorCodeSet:

Code	Name	Description
1	Mandatory	Mandatory
2	Optional	Optional

---

Used in groups: [MatchingDataPointGrp](#)

### 170.2.2771 MatchingDataPointName

The matching data point name, for example: "Trade currency". This may be used for display purposes, providing a corresponding description for the value in MatchingDataPointType(2784).

Type: [String](#)

Used in groups: [MatchingDataPointGrp](#)

### 170.2.2772 MatchingDataPointType

Identifies the data point used in the matching operation.

Type: [int](#)

Allowed values in MatchExceptionElementTypeCodeSet:

Code	Name	Description
1	AccruedInterest	Accrued interest
2	DealPrice	Deal price
3	TradeDate	Trade date. Tolerance not applicable
4	SettlementDate	Settlement date. Tolerance not applicable
5	SideIndicator	Side indicator. Tolerance not applicable
6	TradedCurrency	Traded currency. Tolerance not applicable
7	AccountID	Account ID. Tolerance not applicable
8	ExecutingBrokerID	Executing broker ID. Tolerance not applicable
9	SettlementCurrencyAndAmount	Settlement currency and amount
10	InvestmentManagerID	Investment manager ID. Tolerance not applicable
11	NetAmount	Net amount
12	PlaceOfSettlement	Place of settlement. Tolerance not applicable
13	Commissions	Commissions
14	SecurityIdentifier	Security identifier. Tolerance not applicable
15	QualityAllocated	Quantity allocated
16	Principal	Principal
17	Fees	Fees
18	Tax	Tax

Used in groups: [MatchingDataPointGrp](#)

### 170.2.2773 MatchingDataPointValue

Value of the matching data point.

Type: [String](#)

Used in groups: [MatchingDataPointGrp](#)

### 170.2.2774 MatchingInstructions

Name	Mult.	Type	Description
<a href="#">NoMatchInst</a>	[1..1]	NumInGroup	
<a href="#">MatchInst</a>	[0..1]	CodeSet	Required if NoMatchInst > 0.

Name	Mult.	Type	Description
MatchInstMarketID	[0..1]	Exchange	
MatchAttribTagID	[0..1]	TagNum	Required if NoMatchInst > 0.
MatchAttribValue	[0..1]	String	Required if NoMatchInst > 0.

Used in components: [TradeReportOrderDetail](#)

Used in messages: [ExecutionReport](#), [MultilegOrderCancelReplace](#), [NewOrderMultileg](#), [NewOrderSingle](#), [OrderCancelReplaceRequest](#)

### 170.2.2775 MatchInst

Matching Instruction for the order.

Type: [int](#)

Allowed values in MatchInstCodeSet:

Code	Name	Description
1	Match	Match
2	DoNotMatch	Do Not Match

Used in groups: [MatchingInstructions](#)

### 170.2.2776 MatchInstMarketID

Identifies the market to which the matching instruction applies.

Type: [Exchange](#)

Used in groups: [MatchingInstructions](#)

### 170.2.2777 MatchRuleProductComplex

Identifies an entire suite of products for which the matching rule applies.

Type: [String](#)

Used in groups: [MatchRules](#)

**170.2.2778 MatchRules**

The MatchRules component is used to specify the details of order matching rules for specified product group or complex.

Name	Mult.	Type	Description
NoMatchRules	[1..1]	NumInGroup	
MatchAlgorithm	[0..1]	String	Required if NoMatchRules(1235) > 0.
MatchType	[0..1]	CodeSet	
MatchRuleProductComplex	[0..1]	String	Can be used to limit match rule to specific product suite.
CustomerPriority	[0..1]	CodeSet	Can be used to give customer orders priority for the given matching algorithm.

Used in components: [TradingSessionRules](#)

Used in messages: [MarketDefinition](#), [MarketDefinitionUpdateReport](#)

**170.2.2779 MatchStatus**

The status of this trade with respect to matching or comparison.

Type: [char](#)

Allowed values in MatchStatusCodeSet:

Code	Name	Description
0	Compared	Compared, matched or affirmed
1	Uncompared	Uncompared, unmatched, or unaffirmed
2	AdvisoryOrAlert	Advisory or alert
3	Mismatched	Mismatched. Indicates that data points from the AllocationInstruction(35=J) and Confirmation(35=AK) are matched but there are variances. MatchExceptionGrp component may be used to detail on the mis-matched data fields.

Used in groups: [AllocGrp](#)

Used in messages: [AllocationInstructionAck](#), [AllocationReportAck](#), [Confirmation](#), [ConfirmationAck](#), [PositionReport](#), [RequestForPositions](#), [RequestForPositionsAck](#), [TradeCaptureReport](#), [TradeCaptureReportAck](#), [TradeCaptureReportRequest](#)

**170.2.2780 MatchType**

The point in the matching process at which this trade was matched.

Type: **String**

Allowed values in MatchTypeCodeSet:

Code	Name	Description
A1	ExactMatchPlus4BadgesExecTime	Exact match on Trade Date, Stock Symbol, Quantity, Price, Trade Type, and Special Trade Indicator plus four badges and execution time (within two-minute window)
A2	ExactMatchPlus4Badges	Exact match on Trade Date, Stock Symbol, Quantity, Price, Trade Type, and Special Trade Indicator, plus four badges
A3	ExactMatchPlus2BadgesExecTime	Exact match on Trade Date, Stock Symbol, Quantity, Price, Trade Type, and Special Trade Indicator, plus two badges and execution time (within two-minute window)
M3	ACTAcceptedTrade	ACT Accepted Trade
A4	ExactMatchPlus2Badges	Exact match on Trade Date, Stock Symbol, Quantity, Price, Trade Type, and Special Trade Indicator, plus two badges
M4	ACTDefaultTrade	ACT Default Trade
A5	ExactMatchPlusExecTime	Exact match on Trade Date, Stock Symbol, Quantity, Price, TradeType, and Special Trade Indicator plus execution time (within two-minute window)
M5	ACTDefaultAfterM2	ACT Default After M2
AQ	StampedAdvisoriesOrSpecialistAccepts	Compared records resulting from stamped advisories or specialist accepts/pair-offs
M6	ACTM6Match	ACT M6 Match
S1	A1ExactMatchSummarizedQuantity	Summarized match using A1 exact match criteria except quantity is summarized
S2	A2ExactMatchSummarizedQuantity	Summarized match using A2 exact match criteria except quantity is summarized
S3	A3ExactMatchSummarizedQuantity	Summarized match using A3 exact match criteria except quantity is summarized
S4	A4ExactMatchSummarizedQuantity	Summarized match using A4 exact match criteria except quantity is summarized
S5	A5ExactMatchSummarizedQuantity	Summarized match using A5 exact match criteria except quantity is summarized
M1	ExactMatchMinusBadgesTimes	Exact match on Trade Date, Stock Symbol, Quantity, Price, Trade Type, and Special Trade Indicator minus badges And times: ACT M1 match

Code	Name	Description
M2	SummarizedMatchMinusBadges-Times	Summarized match minus badges and times: ACT M2 Match Times
MT	OCSLockedIn	OCS Locked In: Non-ACT
1	OnePartyTradeReport	One-Party Trade Report (privately negotiated trade)
2	TwoPartyTradeReport	Two-Party Trade Report (privately negotiated trade)
3	ConfirmedTradeReport	Confirmed Trade Report (reporting from recognized markets)
4	AutoMatch	Auto-match
5	CrossAuction	Cross Auction
6	CounterOrderSelection	Counter-Order Selection
7	CallAuction	Call Auction
8	Issuing	Issuing/Buy Back Auction
9	SystematicInternaliser	Systematic Internaliser (SI)
10	AutoMatchLastLook	Auto-match with last look. Execution that arises from a match against orders or quotes which require a confirmation during continuous trading.
11	CrossAuctionLastLook	Cross auction with last look. Execution that arises from a match against orders or quotes which require a confirmation during an auction.

Used in groups: [MDFullGrp](#), [MDIncGrp](#), [MatchRules](#)

Used in messages: [AllocationInstruction](#), [AllocationInstructionAlert](#), [AllocationReport](#), [Confirmation](#), [ExecutionReport](#), [TradeCaptureReport](#), [TradeCaptureReportAck](#), [TradeMatchReport](#)

### 170.2.2781 MaterialDividendsIndicator

Indicates whether material non-cash dividends are applicable.

Type: [Boolean](#)

Used in components: [DividendConditions](#)

### 170.2.2782 MaturityDate

Date of maturity.

Type: [LocalMktDate](#)

Used in components: [Instrument](#)

**170.2.2783 MaturityFrequencyPeriod**

Time unit multiplier for the minimum frequency of the instrument maturity intervals.

Type: **int**

Used in components: **Instrument**

**170.2.2784 MaturityFrequencyUnit**

Time unit associated with the minimum frequency of the instrument maturity intervals.

Type: **String**

Allowed values in TimeUnitCodeSet:

Code	Name	Description
H	Hour	Hour
Min	Minute	Minute
S	Second	Second
D	Day	Day
Wk	Week	Week
Mo	Month	Month
Yr	Year	Year
Q	Quarter	Quarter
EOM	EndOfMonth	End of Month. End of Month identifies a relative time unit, e.g. until the third Friday of each month.
F	Flexible	Flexible. A flexible time unit indicates that a specific time unit for the contract is currently undetermined.

Used in components: **Instrument**

**170.2.2785 MaturityMonthYear**

Can be used with standardized derivatives vs. the MaturityDate (541) field. Month and Year of the maturity (used for standardized futures and options).

Format:

YYYYMM (e.g. 199903)

YYYYMMDD (e.g. 20030323)

YYYYMMwN (e.g. 200303w) for week

A specific date or can be appended to the MaturityMonthYear. For instance, if multiple standard products exist that mature in the same Year and Month, but actually mature at a different time, a value can be appended, such as "w" or "w2" to indicate week as opposed to week 2 expiration. Likewise, the date (0-3) can be appended to indicate a specific expiration (maturity date).

Type: **MonthYear**

Used in components: **Instrument**

### **170.2.2786 MaturityMonthYearFormat**

Format used to generate the MaturityMonthYear for each option

Type: **int**

Allowed values in MaturityMonthYearFormatCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	YearMonthOnly	YearMonth Only (default)
1	YearMonthDay	YearMonthDay
2	YearMonthWeek	YearMonthWeek

---

Used in groups: **MaturityRules**

### **170.2.2787 MaturityMonthYearIncrement**

Increment between successive maturities for an option class

Type: **int**

Used in groups: **MaturityRules**

### **170.2.2788 MaturityMonthYearIncrementUnits**

Unit of measure for the Maturity Month Year Increment

Type: **int**

Allowed values in MaturityMonthYearIncrementUnitsCodeSet:



Code	Name	Description
0	Months	Months
1	Days	Days
2	Weeks	Weeks
3	Years	Years

Used in groups: [MaturityRules](#)

### 170.2.2789 MaturityNetMoney

Net Money at maturity if Zero Coupon and maturity value is different from par value

Type: [Amt](#)

Used in messages: [Confirmation](#)

### 170.2.2790 MaturityRuleID

Allows maturity rule to be referenced via an identifier so that rules do not need to be explicitly enumerated

Type: [String](#)

Used in groups: [MaturityRules](#)

### 170.2.2791 MaturityRules

Name	Mult.	Type	Description
<a href="#">NoMaturityRules</a>	[1..1]	NumInGroup	Number of maturity rule entries. This block specifies the rules for determining how new strikes should be listed within the stated price range of the underlying instrument
<a href="#">MaturityRuleID</a>	[0..1]	String	Allows maturity rule to be referenced via an identifier so that rules do not need to be explicitly enumerated
<a href="#">MaturityMonthYearFormat</a>	[0..1]	CodeSet	Format used to generate the MMY for each option contract:
<a href="#">MaturityMonthYearIncrementUnits</a>	[0..1]	CodeSet	enumeration specifying the increment unit:

Name	Mult.	Type	Description
StartMaturityMonthYear	[0..1]	MonthYear	Starting maturity for the range to which the StrikeIncrement applies. Price refers to the price of the underlying
EndMaturityMonthYear	[0..1]	MonthYear	Ending maturity month year to which the StrikeIncrement applies. Price refers to the price of the underlying.
MaturityMonthYearIncrement	[0..1]	int	Value by which maturity month year should be incremented within the specified price range.

---

Used in groups: [StrikeRules](#)

### 170.2.2792 MaturityTime

Time of security's maturity expressed in local time with offset to UTC specified

Type: [TZTimeOnly](#)

Used in components: [Instrument](#)

### 170.2.2793 MaxFloor

The quantity to be displayed . Required for reserve orders. On orders specifies the qty to be displayed, on execution reports the currently displayed quantity.

Type: [Qty](#)

Used in groups: [ListOrdGrp](#)

Used in messages: [CrossOrderCancelReplaceRequest](#), [ExecutionReport](#), [MultilegOrderCancelReplace](#), [NewOrderCross](#), [NewOrderMultileg](#), [NewOrderSingle](#), [OrderCancelReplaceRequest](#)

### 170.2.2794 MaximumPriceDeviation

Maximum deviation, in percentage terms, of an execution price from a reference price, e.g. the initial price of a match event.

Type: [Percentage](#)

Used in messages: [ExecutionReport](#), [MultilegOrderCancelReplace](#), [NewOrderMultileg](#), [NewOrderSingle](#), [OrderCancelReplaceRequest](#)

### **170.2.2795 MaxMessageSize**

Maximum number of bytes supported for a single message.

Type: **Length**

Used in messages: **Logon**

### **170.2.2796 MaxPriceLevels**

Allows an order to specify a maximum number of price levels to trade through. Only valid for aggressive orders and during continuous (autoexecution) trading sessions. Property lost when order is put on book. A partially filled order is assigned last trade price as limit price. Non-filled order behaves as ordinary Market or Limit.

Type: **int**

Used in groups: **ListOrdGrp**

Used in messages: **CrossOrderCancelReplaceRequest, ExecutionReport, MultilegOrderCancelReplace, NewOrderCross, NewOrderMultileg, NewOrderSingle, OrderCancelReplaceRequest**

### **170.2.2797 MaxPriceVariation**

The maximum price variation of an execution from one event to the next for a given security. Expressed in absolute price terms.

Type: **float**

Used in components: **BaseTradingRules**

Used in groups: **MDFullGrp, MDIncGrp**

### **170.2.2798 MaxShow**

Maximum quantity (e.g. number of shares) within an order to be shown to other customers (i.e. sent via an IOI).

(Prior to FIX 4.2 this field was of type int)

Type: **Qty**

Used in groups: **ListOrdGrp**

Used in messages: **CrossOrderCancelReplaceRequest, ExecutionReport, MultilegOrderCancelReplace, NewOrderCross, NewOrderMultileg, NewOrderSingle, OrderCancelReplaceRequest**

**170.2.2799 MaxTradeVol**

The maximum order quantity (as expressed by TradeVolType(1786)) that can be submitted for a security.

Type: Qty

Used in components: BaseTradingRules

**170.2.2800 MDBookType**

Describes the type of book for which the feed is intended. Used when multiple feeds are provided over the same connection

Type: int

Allowed values in MDBookTypeCodeSet:

Code	Name	Description
1	TopOfBook	Top of Book
2	PriceDepth	Price Depth
3	OrderDepth	Order Depth

Used in groups: MarketDataFeedTypes

Used in messages: MarketDataIncrementalRefresh, MarketDataSnapshotFullRefresh, SecurityMassStatus, SecurityStatus

**170.2.2801 MDEntryBuyer**

Buying party in a trade

Type: String

Used in groups: MDFullGrp, MDIncGrp

**170.2.2802 MDEntryDate**

Date of Market Data Entry.

(prior to FIX 4.4 field was of type UTCDate)

Type: **UTCDateOnly**

Used in groups: **MDFullGrp, MDIncGrp**

#### **170.2.2803 MEntryForwardPoints**

Used for an F/X entry. The forward points to be added to or subtracted from the spot rate to get the "all-in" rate in MEntryPx. Expressed in decimal form. For example, 61.99 points is expressed and sent as 0.006199

Type: **PriceOffset**

Used in groups: **MDFullGrp, MDIncGrp**

#### **170.2.2804 MEntryID**

Unique Market Data Entry identifier.

Type: **String**

Used in groups: **MDFullGrp, MDIncGrp**

Used in messages: **ExecutionReport**

#### **170.2.2805 MEntryOriginator**

Originator of a Market Data Entry

Type: **String**

Used in groups: **MDFullGrp, MDIncGrp**

#### **170.2.2806 MEntryPositionNo**

Display position of a bid or offer, numbered from most competitive to least competitive, per market side, beginning with 1.

Type: **int**

Used in groups: **MDFullGrp, MDIncGrp**

### **170.2.2807 MDEntryPx**

Price of the Market Data Entry.

Type: **Price**

Used in groups: **MDFullGrp, MDIncGrp**

### **170.2.2808 MDEntryRefID**

Refers to a previous MDEntryID (278).

Type: **String**

Used in groups: **MDIncGrp**

### **170.2.2809 MDEntrySeller**

Selling party in a trade

Type: **String**

Used in groups: **MDFullGrp, MDIncGrp**

### **170.2.2810 MDEntrySize**

Quantity or volume represented by the Market Data Entry.

Type: **Qty**

Used in groups: **InstrmtMDReqGrp, MDFullGrp, MDIncGrp, StrmAsgnReqInstrmtGrp**

### **170.2.2811 MDEntrySpotRate**

The spot rate for an FX entry

Type: **float**

Used in groups: **MDFullGrp, MDIncGrp**

**170.2.2812 MDEntryTime**

Time of Market Data Entry.

Type: **UTCTimeOnly**

Used in groups: **MDFullGrp**, **MDIncGrp**

**170.2.2813 MDEntryType**

Type of market data entry.

Type: **char**

Allowed values in MDEntryTypeCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	Bid	Bid
1	Offer	Offer
2	Trade	Trade
3	IndexValue	Index value. A reference stock index (e.g. DJIA) or benchmark rate (e.g. LIBOR).
4	OpeningPrice	Opening price
5	ClosingPrice	Closing price
6	SettlementPrice	Settlement price
7	TradingSessionHighPrice	Trading session high price
8	TradingSessionLowPrice	Trading session low price
9	VWAP	Volume Weighted Average Price. VWAP
A	Imbalance	Imbalance
B	TradeVolume	Trade volume
C	OpenInterest	Open interest
D	CompositeUnderlyingPrice	Composite underlying price
E	SimulatedSellPrice	Simulated sell price
F	SimulatedBuyPrice	Simulated buy price
G	MarginRate	Margin rate
H	MidPrice	Mid-price
J	EmptyBook	Empty book
K	SettleHighPrice	Settle high price
L	SettleLowPrice	Settle low price

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
M	PriorSettlePrice	Prior settle price
N	SessionHighBid	Session high bid
O	SessionLowOffer	Session low offer
P	EarlyPrices	Early prices
Q	AuctionClearingPrice	Auction clearing price
S	SwapValueFactor	Swap Value Factor (SVF) for swaps cleared through a central counterparty (CCP)
R	DailyValueAdjustmentForLongPositions	Daily value adjustment for long positions
T	CumulativeValueAdjustmentForLongPositions	Cumulative value adjustment for long positions
U	DailyValueAdjustmentForShortPositions	Daily value adjustment for short positions
V	CumulativeValueAdjustmentForShortPositions	Cumulative value adjustment for short positions
W	FixingPrice	Fixing price
X	CashRate	Cash rate
Y	RecoveryRate	Recovery rate
Z	RecoveryRateForLong	Recovery rate for long positions
a	RecoveryRateForShort	Recovery rate for short positions
b	MarketBid	Market bid
c	MarketOffer	Market offer
d	ShortSaleMinPrice	Short sale minimum price
e	PreviousClosingPrice	Previous closing price
g	ThresholdLimitPriceBanding	Threshold limits and price banding. Conveys incremental real time change to pre-configured or previously disseminated pricing thresholds and/or banding parameters.
h	DailyFinancingValue	Daily financing value. The financing cost of rolling an analogous total return swap from the previous business day to the current business day. In the context of Adjusted Interest Rate (AIR) futures this is a component of the cleared futures price.
i	AccruedFinancingValue	Accrued financing value. The total of the daily funding values or amounts from a contract's first day of trading to the current day. In the context of Adjusted Interest Rate (AIR) futures this is a component of the cleared futures price.
t	TWAP	Time Weighted Average Price. TWAP



Used in groups: [MDFullGrp](#), [MDIncGrp](#), [MDReqGrp](#)

### 170.2.2814 MDFeedType

Describes a class of service for a given data feed, ie Regular and Market Maker, Bandwidth Intensive or Bandwidth Conservative

Type: [String](#)

Used in components: [MDStatisticParameters](#)

Used in groups: [MarketDataFeedTypes](#)

Used in messages: [MarketDataIncrementalRefresh](#), [MarketDataSnapshotFullRefresh](#)

### 170.2.2815 MDFullGrp

Name	Mult.	Type	Description
<a href="#">NoMDEntries</a>	[1..1]	NumInGroup	Number of entries following.
<a href="#">MDEntryType</a>	[1..1]	CodeSet	Required if NoMDEntries(268) > 0.
<a href="#">MDEntryID</a>	[0..1]	String	Conditionally required when maintaining an order-depth book (AggregatedBook(266) is "N"). Allows subsequent Incremental changes to be applied using MDEntryID(278).
<a href="#">MDEntryPx</a>	[0..1]	Price	Conditionally required if MDEntryType(269) is not A (Imbalance), B (Trade Volume), or C (Open Interest); Conditionally required when MDEntryType(269) = Q (Auction clearing price).
<a href="#">PriceType</a>	[0..1]	CodeSet	
<a href="#">PriceQualifierGrp</a>	[0..*]	Group	
<a href="#">AvgPxIndicator</a>	[0..1]	CodeSet	
<a href="#">YieldData</a>	[0..1]	Component	
<a href="#">SpreadOrBenchmarkCurveData</a>	[0..1]	Component	
<a href="#">OrdType</a>	[0..1]	CodeSet	Used to support market mechanism type; limit order, market order, committed principal order
<a href="#">Currency</a>	[0..1]	Currency	Can be used to specify the currency of the quoted price.
<a href="#">CurrencyCodeSource</a>	[0..1]	CodeSet	
<a href="#">SettlCurrency</a>	[0..1]	Currency	Required for NDFs to specify the settlement currency (fixing currency).

Name	Mult.	Type	Description
SettlCurrencyCodeSource	[0..1]	CodeSet	
RateSource	[0..*]	Group	
MDEntrySize	[0..1]	Qty	Conditionally required when MDUpdateAction(279) = 0 (New) and MDEntryType(269) = 0 (Bid), 1 (Offer), 2 (Trade), B (Trade volume), or C (Open interest).
SecSizesGrp	[0..*]	Group	
LotType	[0..1]	CodeSet	Can be used to specify the lot type of the quoted size in order depth books.
MDEntryDate	[0..1]	UTCDateOnly	
MDEntryTime	[0..1]	UTCTimeOnly	
TickDirection	[0..1]	CodeSet	
MDMkt	[0..1]	Exchange	Market posting quote / trade. Valid values: See Volume 6: Appendix 6-C
TradingSessionID	[0..1]	CodeSet	
TradingSessionSubID	[0..1]	CodeSet	
SecurityTradingStatus	[0..1]	CodeSet	
HaltReason	[0..1]	CodeSet	
FastMarketIndicator	[0..1]	Boolean	
MarketCondition	[0..1]	CodeSet	
QuoteCondition	[0..1]	CodeSet	Space-delimited list of conditions describing a quote.
TradeCondition	[0..1]	CodeSet	Space-delimited list of conditions describing a trade
TradePriceConditionGrp	[0..*]	Group	
AnonymousTradeIndicator	[0..1]	Boolean	
AlgorithmicTradeIndicator	[0..1]	CodeSet	
MDEntryOriginator	[0..1]	String	
LocationID	[0..1]	String	
DeskID	[0..1]	String	
OpenCloseSettlFlag	[0..1]	CodeSet	Used if MDEntryType(269) = 4 (Opening price), 5 (Closing price), or 6 (Settlement price).
TimeInForce	[0..1]	CodeSet	For optional use when this Bid or Offer represents an order
ExpireDate	[0..1]	LocalMktDate	For optional use when this Bid or Offer represents an order. ExpireDate(432) and ExpireTime(126) cannot both be specified in one Market Data Entry.

Name	Mult.	Type	Description
ExpireTime	[0..1]	UTCTimestamp	For optional use when this Bid or Offer represents an order. ExpireDate(432) and ExpireTime(126) cannot both be specified in one Market Data Entry.
ExposureDuration	[0..1]	int	Conditionally required when TimeInForce(59) = A (Good for Time).
ExposureDurationUnit	[0..1]	CodeSet	
MinQty	[0..1]	Qty	For optional use when this Bid or Offer represents an order
ExecInst	[0..1]	CodeSet	Can contain multiple instructions, space delimited.
SellerDays	[0..1]	int	
OrderID	[0..1]	String	For optional use when this Bid, Offer, or Trade represents an order
SecondaryOrderID	[0..1]	String	For optional use to support Hit/Take (selecting a specific order from the feed) without disclosing a private order id.
QuoteEntryID	[0..1]	String	For optional use when this Bid, Offer, or Trade represents a quote
TradeID	[0..1]	String	For optional use in reporting Trades.
StrategyLinkID	[0..1]	String	For optional use in reporting Trades. May be used to link together trades that are reported separately but are part of the same overall trade, e.g. spread trade and their constituent trades.
MDEntryBuyer	[0..1]	String	For optional use in reporting Trades
MDEntrySeller	[0..1]	String	For optional use in reporting Trades
NumberOfBuyOrders	[0..1]	int	For optional use in reporting trades.
NumberOfSellOrders	[0..1]	int	For optional use in reporting trades.
NumberOfOrders	[0..1]	int	In an Aggregated Book, used to show how many individual orders make up an MDEntry
MDEntryPositionNo	[0..1]	int	
Scope	[0..1]	CodeSet	
PriceDelta	[0..1]	float	
TrdType	[0..1]	CodeSet	Specifies trade type when a trade is being reported. For optional use in reporting trades.
TrdSubType	[0..1]	CodeSet	For optional use in reporting trades.
SecondaryTrdType	[0..1]	CodeSet	For optional use in reporting trades. Conditionally requires presence of TrdType(828).

Name	Mult.	Type	Description
TertiaryTrdType	[0..1]	CodeSet	For optional use in reporting trades. Conditionally requires presence of SecondaryTrdType(855).
RegulatoryReportType	[0..1]	CodeSet	Used only when reporting a trade (MDEntryType(269)=2 (Trade)) that is a regulatory trade report.
MultiJurisdictionReportingIndicator	[0..1]	CodeSet	For optional use in reporting trades.
ExecMethod	[0..1]	CodeSet	
MatchType	[0..1]	CodeSet	For optional use in reporting trades.
OrderCategory	[0..1]	CodeSet	
TradePublishIndicator	[0..1]	CodeSet	For optional use in reporting trades.
TrdRegPublicationGrp	[0..*]	Group	
IntraFirmTradeIndicator	[0..1]	Boolean	
PreviouslyReported	[0..1]	CodeSet	
RelatedTradeGrp	[0..*]	Group	For optional use when reporting trades. Lists trades related to the current market data entry, e.g. leg trades of a multi-leg trade.
Text	[0..1]	String	Text to describe the Market Data Entry. Part of repeating group.
EncodedTextLen	[0..1]	Length	Must be set if EncodedText(355) field is specified and must immediately precede it.
EncodedText	[0..1]	data	Encoded (non-ASCII characters) representation of the Text(58) field in the encoded format specified via the MessageEncoding(347) field.
MDPriceLevel	[0..1]	int	
OrderCapacity	[0..1]	CodeSet	
MDOriOriginType	[0..1]	CodeSet	
HighPx	[0..1]	Price	Used to report high price in association with trade, bid or ask rather than a separate entity
LowPx	[0..1]	Price	Used to report low price in association with trade, bid or ask rather than a separate entity.
FirstPx	[0..1]	Price	Indicates the first price of a trading session; can be a bid, ask, or trade price.
LastPx	[0..1]	Price	Indicates the last price of a trading session; can be a bid, ask, or trade price.
DiscountFactor	[0..1]	float	
TradeVolume	[0..1]	Qty	Used to report trade volume in association with trade, bid or ask rather than a separate entity

Name	Mult.	Type	Description
PriceLimits	[0..1]	Component	
MaxPriceVariation	[0..1]	float	
SettlPriceType	[0..1]	CodeSet	
SettlPriceDeterminationMethod	[0..1]	CodeSet	
SettlType	[0..1]	CodeSet	
SettlDate	[0..1]	LocalMktDate	Indicates date on which instrument will settle. For NDFs required for specifying the "value date".
MDQuoteType	[0..1]	CodeSet	
RptSeq	[0..1]	int	Used to identify the sequence number within a feed type
DealingCapacity	[0..1]	CodeSet	
MDEntrySpotRate	[0..1]	float	
MDEntryForwardPoints	[0..1]	PriceOffset	
Parties	[0..*]	Group	
AggressorTime	[0..1]	UTCTimestamp	
AggressorSide	[0..1]	CodeSet	
LegRefID	[0..1]	String	May be specified for an MDEntryType(269)=2 (Trade) entry to indicate that MDEntryPx(270), PriceType(423) and MDEntrySize(271) apply to the instance of the InstrmtLegGrp component with matching LegID(1788).

Used in messages: [MarketDataSnapshotFullRefresh](#)

### 170.2.2816 MDHaltReason

Denotes the reason for the Opening Delay or Trading Halt.

Type: **int**

Allowed values in HaltReasonCodeSet:

Code	Name	Description
0	NewsDissemination	News Dissemination
1	OrderInflux	Order Influx
2	OrderImbalance	Order Imbalance

---

Code	Name	Description
3	AdditionalInformation	Additional Information
4	NewsPending	News Pending
5	EquipmentChangeover	Equipment Changeover

---

Used in messages: [MarketDataSnapshotFullRefresh](#)

### 170.2.2817 MDImplicitDelete

Defines how a server handles distribution of a truncated book. Defaults to broker option.

Type: [Boolean](#)

Allowed values in MDImplicitDeleteCodeSet:

---

Code	Name	Description
N	No	Server must send an explicit delete for bids or offers falling outside the requested MarketDepth of the request
Y	Yes	Client has responsibility for implicitly deleting bids or offers falling outside the MarketDepth of the request

---

Used in messages: [MarketDataRequest](#)

### 170.2.2818 MDIncGrp

---

Name	Mult.	Type	Description
<a href="#">NoMDEntries</a>	[1..1]	NumInGroup	Number of entries following.
<a href="#">MDUpdateAction</a>	[1..1]	CodeSet	Must be first field in this repeating group.
<a href="#">DeleteReason</a>	[0..1]	CodeSet	If MDUpdateAction = Delete(2), can be used to specify a reason for the deletion.
<a href="#">MDSUBBookType</a>	[0..1]	int	Can be used to define a subordinate book.
<a href="#">MarketDepth</a>	[0..1]	int	Can be used to define the current depth of the book.
<a href="#">MDEntryType</a>	[0..1]	CodeSet	Conditionally required if MDUpdateAction(279) = 0 (New). Cannot be changed.

---

Name	Mult.	Type	Description
MDEntryID	[0..1]	String	If specified, must be unique among currently active entries if MDUpdateAction(279) = 0 (New); must be the same as a previous MDEntryID(278) if MDUpdateAction(279) = 2 (Delete); must be the same as a previous MDEntryID(278) if MDUpdateAction(279) = 1 (Change) and MDEntryRefID(280) is not specified; or. must be unique among currently active entries if MDUpdateAction(279) = 1 (Change) and MDEntryRefID(280) is specified.
MDEntryRefID	[0..1]	String	If MDUpdateAction(279) = 0 (New), for the first market data entry in a message, either this field or a security symbol must be specified. If MDUpdateAction(279) = 1 (Change), this must refer to a previous MDEntryID(278).
MStreamID	[0..1]	String	
Instrument	[0..1]	Component	
InstrumentExtension	[0..1]	Component	
FinancingDetails	[0..1]	Component	
UndInstrmtGrp	[0..*]	Group	
InstrmtLegGrp	[0..*]	Group	
RelatedInstrumentGrp	[0..*]	Group	
FinancialStatus	[0..1]	CodeSet	
CorporateAction	[0..1]	CodeSet	
MDEntryPx	[0..1]	Price	Conditionally required when MDUpdateAction(279) = 0 (New) and MDEntryType(269) is not A (Imbalance), B (Trade volume), or C (Open interest). Conditionally required when MDEntryType(269) = Q (Auction clearing price).
PriceType	[0..1]	CodeSet	
PriceQualifierGrp	[0..*]	Group	
AvgPxIndicator	[0..1]	CodeSet	
YieldData	[0..1]	Component	Insert here the set of YieldData (yield-related) fields defined in Common Components of Application Messages
SpreadOrBenchmarkCurveData	[0..1]	Component	Insert here the set of SpreadOrBenchmarkCurveData (Fixed Income spread or benchmark curve) fields defined in Common Components of Application Messages

Name	Mult.	Type	Description
OrdType	[0..1]	CodeSet	Used to support market mechanism type; limit order, market order, committed principal order
Currency	[0..1]	Currency	Can be used to specify the currency of the quoted price.
CurrencyCodeSource	[0..1]	CodeSet	
SettlCurrency	[0..1]	Currency	Required for NDFs to specify the settlement currency (fixing currency).
SettlCurrencyCodeSource	[0..1]	CodeSet	
RateSource	[0..*]	Group	
MDEntrySize	[0..1]	Qty	Conditionally required when MDUpdateAction(279) = 0 (New) and MDEntryType(269) = 0 (Bid), 1 (Offer), 2 (Trade), B (Trade volume), or C (Open interest).
SecSizesGrp	[0..*]	Group	
LotType	[0..1]	CodeSet	Can be used to specify the lot type of the quoted size in order depth books.
MDEntryDate	[0..1]	UTCDateOnly	
MDEntryTime	[0..1]	UTCTimeOnly	
TickDirection	[0..1]	CodeSet	
MDMkt	[0..1]	Exchange	Market posting quote / trade. Valid values: See Volume 6: Appendix 6-C
TradingSessionID	[0..1]	CodeSet	
TradingSessionSubID	[0..1]	CodeSet	
SecurityTradingStatus	[0..1]	CodeSet	
HaltReason	[0..1]	CodeSet	
FastMarketIndicator	[0..1]	Boolean	
MarketCondition	[0..1]	CodeSet	
QuoteCondition	[0..1]	CodeSet	Space-delimited list of conditions describing a quote.
TradeCondition	[0..1]	CodeSet	Space-delimited list of conditions describing a trade
TradePriceConditionGrp	[0..*]	Group	
AnonymousTradeIndicator	[0..1]	Boolean	
AlgorithmicTradeIndicator	[0..1]	CodeSet	
RegulatoryReportType	[0..1]	CodeSet	Used only when reporting a trade (MDEntryType(269)=2 (Trade)) that is a regulatory trade report.



Name	Mult.	Type	Description
MultiJurisdictionReportingIndicator	[0..1]	CodeSet	For optional use in reporting trades.
TrdType	[0..1]	CodeSet	For optional use in reporting trades.
TrdSubType	[0..1]	CodeSet	For optional use in reporting trades.
SecondaryTrdType	[0..1]	CodeSet	For optional use in reporting trades. Conditionally requires presence of TrdType(828).
TertiaryTrdType	[0..1]	CodeSet	For optional use in reporting trades. Conditionally requires presence of SecondaryTrdType(855).
ExecMethod	[0..1]	CodeSet	
MatchType	[0..1]	CodeSet	For optional use in reporting trades.
OrderCategory	[0..1]	CodeSet	
TradePublishIndicator	[0..1]	CodeSet	For optional use in reporting trades.
TrdRegPublicationGrp	[0..*]	Group	
IntraFirmTradeIndicator	[0..1]	Boolean	
PreviouslyReported	[0..1]	CodeSet	
RelatedTradeGrp	[0..*]	Group	For optional use when reporting trades. List of trades related to the current market data entry, e.g. leg trades of a multi-leg trade.
MDEntryOriginator	[0..1]	String	
LocationID	[0..1]	String	
DeskID	[0..1]	String	
OpenCloseSettlFlag	[0..1]	CodeSet	Used if MDEntryType(269) = 4 (Opening Price), 5 (Closing Price), or 6 (Settlement Price).
TimeInForce	[0..1]	CodeSet	For optional use when this Bid or Offer represents an order
ExpireDate	[0..1]	LocalMktDate	For optional use when this Bid or Offer represents an order. ExpireDate(432) and ExpireTime(126) cannot both be specified in one Market Data Entry.
ExpireTime	[0..1]	UTCTimestamp	For optional use when this Bid or Offer represents an order. ExpireDate(432) and ExpireTime(126) cannot both be specified in one Market Data Entry.
ExposureDuration	[0..1]	int	Conditionally required when TimeInForce(59)= 10 (Good for Time).
ExposureDurationUnit	[0..1]	CodeSet	
MinQty	[0..1]	Qty	For optional use when this Bid or Offer represents an order
ExecInst	[0..1]	CodeSet	Can contain multiple instructions, space delimited.

Name	Mult.	Type	Description
SellerDays	[0..1]	int	
OrderID	[0..1]	String	For optional use when this Bid, Offer, or Trade represents an order
SecondaryOrderID	[0..1]	String	For optional use to support Hit/Take (selecting a specific order from the feed) without disclosing a private order id.
QuoteEntryID	[0..1]	String	For optional use when this Bid, Offer, or Trade represents a quote
TradeID	[0..1]	String	For optional use in reporting Trades
StrategyLinkID	[0..1]	String	For optional use in reporting Trades. May be used to link together trades that are reported separately but are part of the same overall trade, e.g. spread trade and their constituent trades.
MDEntryBuyer	[0..1]	String	For optional use in reporting Trades
MDEntrySeller	[0..1]	String	For optional use in reporting Trades
NumberOfBuyOrders	[0..1]	int	For optional use when reporting trades
NumberOfSellOrders	[0..1]	int	For optional use when reporting trades
NumberOfOrders	[0..1]	int	In an Aggregated Book, used to show how many individual orders make up an MDEntry
MDEntryPositionNo	[0..1]	int	
Scope	[0..1]	CodeSet	
PriceDelta	[0..1]	float	
NetChgPrevDay	[0..1]	PriceOffset	
Text	[0..1]	String	Text to describe the Market Data Entry. Part of repeating group.
EncodedTextLen	[0..1]	Length	Must be set if EncodedText(355) field is specified and must immediately precede it.
EncodedText	[0..1]	data	Encoded (non-ASCII characters) representation of the Text(58) field in the encoded format specified via the MessageEncoding(347) field.
MDPriceLevel	[0..1]	int	
OrderCapacity	[0..1]	CodeSet	
MDOriOriginType	[0..1]	CodeSet	
HighPx	[0..1]	Price	
LowPx	[0..1]	Price	
FirstPx	[0..1]	Price	Indicates the first price of a trading session; can be a bid, ask, or a trade price.

Name	Mult.	Type	Description
LastPx	[0..1]	Price	Indicates the last price of a trading session; can be a bid, ask, or a trade price.
DiscountFactor	[0..1]	float	
TradeVolume	[0..1]	Qty	
PriceLimits	[0..1]	Component	
MaxPriceVariation	[0..1]	float	
SettlPriceType	[0..1]	CodeSet	
SettlPriceDeterminationMethod	[0..1]	CodeSet	
SettlType	[0..1]	CodeSet	
SettlDate	[0..1]	LocalMktDate	Indicates date on which instrument will settle. For NDFs required for specifying the "value date".
TransBkdTime	[0..1]	UTCTimestamp	For optional use in reporting Trades. Used to specify the time of trade agreement for privately negotiated trades.
TransactTime	[0..1]	UTCTimestamp	For optional use in reporting Trades. Used to specify the time of matching.
AggressorTime	[0..1]	UTCTimestamp	Entry time of the incoming order that triggered the trade
AggressorSide	[0..1]	CodeSet	
MDQuoteType	[0..1]	CodeSet	
RptSeq	[0..1]	int	Allows sequence number to be specified within a feed type
DealingCapacity	[0..1]	CodeSet	
MDEntrySpotRate	[0..1]	float	
MDEntryForwardPoints	[0..1]	PriceOffset	
StatsIndGrp	[0..*]	Group	
Parties	[0..*]	Group	

Used in messages: [MarketDataIncrementalRefresh](#)

### 170.2.2819 MDMkt

Market posting quote / trade.

Valid values:

See "Appendix 6-C"

Type: **Exchange**

Used in groups: **MDFullGrp**, **MDIncGrp**

### 170.2.2820 MDOriginType

Used to describe the origin of the market data entry.

Type: **int**

Allowed values in MDOriginTypeCodeSet:

Code	Name	Description
0	Book	Book
1	OffBook	Off-Book
2	Cross	Cross
3	QuoteDrivenMarket	Quote driven market. Examples for quote driven markets are market maker or specialist market models.
4	DarkOrderBook	Dark order book
5	AuctionDrivenMarket	Auction driven market. Markets where matching occurs only in scheduled auctions.
6	QuoteNegotiation	Quote negotiation. Discretionary quoting on request or "request for quote" market.
7	VoiceNegotiation	Voice negotiation. A trading system where transactions between members are arranged through voice negotiation.
8	HybridMarket	Hybrid market. A hybrid system falling into two or more types of trading systems. In the context of ESMA reporting, this is for "Hybrid system." In the context of FCA reporting, this is for "Any other, including hybrid."
9	OtherMarket	Other market. A market that does not fall under any of the market types defined for MDOriginType(1024). In the context of ESMA reporting, this is for "Any other, excluding hybrid."

Used in components: **MDStatisticParameters**

Used in groups: **MDFullGrp**, **MDIncGrp**

### 170.2.2821 MDPriceLevel

Integer to convey the level of a bid or offer at a given price level. This is in contrast to MDEntryPositionNo(290) which is used to convey the position of an order within a price level.

Type: **int**

Used in groups: **MDFullGrp**, **MDIncGrp**

### **170.2.2822 MDQuoteType**

Identifies market data quote type.

Type: **int**

Allowed values in MDQuoteTypeCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	Indicative	Indicative
1	Tradeable	Tradeable
2	RestrictedTradeable	Restricted Tradeable
3	Counter	Counter
4	IndicativeAndTradeable	Indicative and Tradeable

---

Used in groups: **MDFullGrp**, **MDIncGrp**

Used in messages: **MarketDataRequest**

### **170.2.2823 MDRRecoveryTimeInterval**

Specifies the time interval between two repetitions of the same market data for cyclic recovery feeds.

Type: **int**

Used in groups: **MarketDataFeedTypes**

### **170.2.2824 MDRRecoveryTimeIntervalUnit**

The time unit associated with the time interval between two cycles of the same market data in cyclic data recovery feeds.

Type: **int**

Allowed values in OrderDelayUnitCodeSet:

Code	Name	Description
0	Seconds	Seconds (default if not specified)
1	TenthsOfASecond	Tenths of a second
2	HundredthsOfASecond	Hundredths of a second
3	Milliseconds	milliseconds
4	Microseconds	microseconds
5	Nanoseconds	nanoseconds
10	Minutes	minutes
11	Hours	hours
12	Days	days
13	Weeks	weeks
14	Months	months
15	Years	years

---

Used in groups: [MarketDataFeedTypes](#)

### 170.2.2825 MDReportCount

Number of reference and market data messages in-between two MarketDataReport(35=DR) messages.

Type: [int](#)

Used in messages: [MarketDataReport](#)

### 170.2.2826 MDReportEvent

Technical event within market data feed.

Type: [int](#)

Allowed values in MDReportEventCodeSet:

Code	Name	Description
1	StartInstrumentRefData	Start of instrument reference data.
2	EndInstrumentRefData	End of instrument reference data.
3	StartOffMarketTrades	Start of off-market trades.

---

Code	Name	Description
4	EndOffMarketTrades	End of off-market trades.
5	StartOrderBookTrades	Start of order book trades.
6	EndOrderBookTrades	End of order book trades.
7	StartOpenInterest	Start of open interest.
8	EndOpenInterest	End of open interest.
9	StartSettlementPrices	Start of settlement prices.
10	EndSettlementPrices	End of settlement prices.
11	StartStatsRefData	Start of statistics reference data.
12	EndStatsRefData	End of statistics reference data.
13	StartStatistics	Start of statistics.
14	EndStatistics	End of statistics.

---

Used in messages: [MarketDataReport](#)

### 170.2.2827 MDReportID

Unique identifier for the Market Data Report.

Type: [int](#)

Used in messages: [MarketDataReport](#), [MarketDataSnapshotFullRefresh](#)

### 170.2.2828 MDReqGrp

Name	Mult.	Type	Description
<a href="#">NoMDEntryTypes</a>	[1..1]	NumInGroup	Number of MDEntryType fields requested.
<a href="#">MDEntryType</a>	[1..1]	CodeSet	Must be the first field in this repeating group. This is a list of all the types of Market Data Entries that the firm requesting the Market Data is interested in receiving.

---

Used in messages: [MarketDataRequest](#)

**170.2.2829 MDRReqID**

Unique identifier for Market Data Request

Type: **String**

Used in messages: **MarketDataIncrementalRefresh**, **MarketDataRequest**, **MarketDataRequestReject**, **MarketDataSnapshotFullRefresh**

**170.2.2830 MDRReqRejReason**

Reason for the rejection of a Market Data request.

Type: **char**

Allowed values in MDRReqRejReasonCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	UnknownSymbol	Unknown symbol
1	DuplicateMDReqID	Duplicate MDRReqID
2	InsufficientBandwidth	Insufficient Bandwidth
3	InsufficientPermissions	Insufficient Permissions
4	UnsupportedSubscriptionRequest- Type	Unsupported SubscriptionRequestType
5	UnsupportedMarketDepth	Unsupported MarketDepth
6	UnsupportedMDUpdateType	Unsupported MDUpdateType
7	UnsupportedAggregatedBook	Unsupported AggregatedBook
8	UnsupportedMDEntryType	Unsupported MDEntryType
9	UnsupportedTradingSessionID	Unsupported TradingSessionID
A	UnsupportedScope	Unsupported Scope
B	UnsupportedOpenCloseSettleFlag	Unsupported OpenCloseSettleFlag
C	UnsupportedMDImplicitDelete	Unsupported MDImplicitDelete
D	InsufficientCredit	Insufficient credit

---

Used in messages: **MarketDataRequestReject**

**170.2.2831 MDRjctGrp**



---

Name	Mult.	Type	Description
NoAltMDSource	[1..1]	NumInGroup	
AltMDSourceID	[0..1]	String	Alternative Market Data Source

---

Used in messages: [MarketDataRequestReject](#)

### 170.2.2832 MDSecSize

A part of the MDEntrySize(271) that represents secondary interest as specified by MDSecSizeType(1178).

Type: [Qty](#)

Used in groups: [SecSizesGrp](#)

### 170.2.2833 MDSecSizeType

Specifies the type of secondary size.

Type: [int](#)

Allowed values in MDSecSizeTypeCodeSet:

---

Code	Name	Description
1	Customer	Customer. Quantity of retail investors.
2	CustomerProfessional	Customer professional. Quantity of high-volume investors acting similar to broker-dealers.
3	DoNotTradeThrough	Do not trade through. Quantity that cannot trade through the away markets.

---

Used in groups: [SecSizesGrp](#)

### 170.2.2834 MDSecurityTradingStatus

Identifies the trading status applicable to the instrument in the market data message.

Type: [int](#)

Allowed values in SecurityTradingStatusCodeSet:

<b>Code</b>	<b>Name</b>	<b>Description</b>
1	OpeningDelay	Opening delay
2	TradingHalt	Trading halt
3	Resume	Resume
4	NoOpen	No Open / No Resume
5	PriceIndication	Price indication
6	TradingRangeIndication	Trading Range Indication
7	MarketImbalanceBuy	Market Imbalance Buy
8	MarketImbalanceSell	Market Imbalance Sell
9	MarketOnCloseImbalanceBuy	Market on Close Imbalance Buy
10	MarketOnCloseImbalanceSell	Market on Close Imbalance Sell
12	NoMarketImbalance	No Market Imbalance
13	NoMarketOnCloseImbalance	No Market on Close Imbalance
14	ITSPreOpening	ITS Pre-opening
15	NewPriceIndication	New Price Indication
16	TradeDisseminationTime	Trade Dissemination Time
17	ReadyToTrade	Ready to trade (start of session)
18	NotAvailableForTrading	Not available for trading (end of session)
19	NotTradedOnThisMarket	Not traded on this market
20	UnknownOrInvalid	Unknown or Invalid
21	PreOpen	Pre-open
22	OpeningRotation	Opening Rotation
23	FastMarket	Fast Market
24	PreCross	Pre-Cross - system is in a pre-cross state allowing market to respond to either side of cross
25	Cross	Cross - system has crossed a percentage of the orders and allows market to respond prior to crossing remaining portion
26	PostClose	Post-close
27	NoCancel	No-cancel

---

Used in messages: [MarketDataSnapshotFullRefresh](#)

### **170.2.2835 MDStatisticDelayPeriod**

Number of time units between the calculation of the statistic and its dissemination. Can be used to defer or delay publication.

Type: **int**

Used in components: **MDStatisticParameters**

### **170.2.2836 MDStatisticDelayUnit**

Time unit for MDStatisticDelayPeriod(2462).

Type: **int**

Allowed values in OrderDelayUnitCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	Seconds	Seconds (default if not specified)
1	TenthsOfASecond	Tenths of a second
2	HundredthsOfASecond	Hundredths of a second
3	Milliseconds	milliseconds
4	Microseconds	microseconds
5	Nanoseconds	nanoseconds
10	Minutes	minutes
11	Hours	hours
12	Days	days
13	Weeks	weeks
14	Months	months
15	Years	years

---

Used in components: **MDStatisticParameters**

### **170.2.2837 MDStatisticDesc**

Can be used to provide an optional textual description for a statistic.

Type: **String**

Used in components: **MDStatisticParameters**

### **170.2.2838 MDStatisticEndDate**

Last day of range for which statistical data is collected.

Type: [UTCTimestamp](#)

Used in components: [MDStatisticParameters](#)

### **170.2.2839 MDStatisticEndTime**

End time of the time range for which statistical data is collected.

Type: [UTCTimeOnly](#)

Used in components: [MDStatisticParameters](#)

### **170.2.2840 MDStatisticFrequencyPeriod**

Dissemination frequency of statistics.

Special meaning for a value of zero which represents an event-driven dissemination in real time (e.g. as soon as a new trade occurs).

Type: [int](#)

Used in components: [MDStatisticParameters](#)

### **170.2.2841 MDStatisticFrequencyUnit**

Time unit for MDStatisticFrequencyPeriod(2460).

Type: [int](#)

Allowed values in OrderDelayUnitCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	Seconds	Seconds (default if not specified)
1	TenthsOfASecond	Tenths of a second
2	HundredthsOfASecond	Hundredths of a second
3	Milliseconds	milliseconds
4	Microseconds	microseconds
5	Nanoseconds	nanoseconds
10	Minutes	minutes
11	Hours	hours
12	Days	days

---

---

Code	Name	Description
13	Weeks	weeks
14	Months	months
15	Years	years

---

Used in components: [MDStatisticParameters](#)

### 170.2.2842 MDStatisticID

Unique identifier for a statistic.

Type: [String](#)

Used in groups: [MDStatisticReqGrp](#), [MDStatisticRptGrp](#)

### 170.2.2843 MDStatisticIntervalPeriod

Length of time over which the statistic is calculated. Special meaning for a value of zero to express that there is no aggregation over time. Can be used with other interval types expressing relative date and time ranges to combine them with sliding window peaks, e.g. highest volume across 1 minute intervals of the previous day.

Type: [int](#)

Used in components: [MDStatisticParameters](#)

### 170.2.2844 MDStatisticIntervalType

Type of interval over which statistic is calculated.

Type: [int](#)

Allowed values in MDStatisticIntervalTypeCodeSet:

---

Code	Name	Description
1	SlidingWindow	Sliding window. Window is defined as an interval period up to the current time of dissemination, see MDStatisticIntervalPeriod (2466).

---

Code	Name	Description
2	SlidingWindowPeak	Sliding window peak. Highest value of all sliding windows across date and/or time range. Omission of date/time range represents current day.
3	FixedDateRange	Fixed date range. Interval may be open ended on either side, see MDStatisticStartDate (2468) and MDStatisticEndDate(2469). Starting/ending time of date fields only apply to the first/last day of the date range. Additional time range may be defined with MDStatisticStartTime(2470) and MDStatisticEndTime(2471) and applies to every business day within date range, i.e. to define an identical time slice across days.
4	FixedTimeRange	Fixed time range. Interval may be open ended on either side, see MDStatisticStartTime(2470) and MDStatisticEndTime(2471).
5	CurrentTimeUnit	Current time unit. Relative time unit which has not ended yet, e.g. current day. Interval ends with the time of dissemination of the statistic. Requires the definition of an actual unit, see MDStatisticIntervalTypeUnit(2465).
6	PreviousTimeUnit	Previous time unit. Relative time unit which has ended in the past. Requires the definition of an actual unit, see MDStatisticIntervalTypeUnit(2465).
7	MaximumRange	Maximum range. Use to convey record values over the lifetime of the system or venue.
8	MaximumRangeUpToPreviousTime-Unit	Maximum range up to previous time unit. Use to convey record values over the lifetime of the system or venue but does not include the most recent time unit as it has not completed yet. Requires the definition of an actual unit, see MDStatisticIntervalTypeUnit(2465)

Used in components: [MDStatisticParameters](#)

### 170.2.2845 MDStatisticIntervalTypeUnit

Time unit for MDStatisticIntervalType(2464).

Type: [String](#)

Allowed values in TimeUnitCodeSet:

Code	Name	Description
H	Hour	Hour

Code	Name	Description
Min	Minute	Minute
S	Second	Second
D	Day	Day
Wk	Week	Week
Mo	Month	Month
Yr	Year	Year
Q	Quarter	Quarter
EOM	EndOfMonth	End of Month. End of Month identifies a relative time unit, e.g. until the third Friday of each month.
F	Flexible	Flexible. A flexible time unit indicates that a specific time unit for the contract is currently undetermined.

Used in components: [MDStatisticParameters](#)

#### 170.2.2846 MDStatisticIntervalUnit

Time unit for MDStatisticIntervalPeriod(2466).

Type: [int](#)

Allowed values in OrderDelayUnitCodeSet:

Code	Name	Description
0	Seconds	Seconds (default if not specified)
1	TenthsOfASecond	Tenths of a second
2	HundredthsOfASecond	Hundredths of a second
3	Milliseconds	milliseconds
4	Microseconds	microseconds
5	Nanoseconds	nanoseconds
10	Minutes	minutes
11	Hours	hours
12	Days	days
13	Weeks	weeks
14	Months	months
15	Years	years

Used in components: [MDStatisticParameters](#)

### 170.2.2847 MDStatisticName

The short name or acronym for a set of statistic parameters.

Type: [String](#)

Used in components: [MDStatisticParameters](#)

### 170.2.2848 MDStatisticParameters

This component comprises all parameters that can be used to describe the market data statistics. These can be part of the request as well as the response. All parameters defined on the MarketDataStatisticRequest(35=DO) message should be echoed in the MarketDataStatisticsReport(35=DP) message as the latter could also be sent unsolicited.

The general category and the entities involved in the statistics are defined by MDStatisticType(2456), MDStatisticScope(2457), and MDStatisticIntervalType(2464) and must always be specified. The remaining fields are optional and restrict the data range in one way or another. The time range for the data can either be specified in terms of an interval for which the statistics are typically calculated on a regular basis or in terms of an absolute date and/or time range.

Name	Mult.	Type	Description
<a href="#">MDStatisticType</a>	[1..1]	CodeSet	
<a href="#">MDStatisticScope</a>	[1..1]	CodeSet	
<a href="#">MDStatisticSubScope</a>	[0..1]	CodeSet	
<a href="#">MDStatisticScopeType</a>	[0..1]	CodeSet	
<a href="#">MDStatisticName</a>	[0..1]	String	
<a href="#">MDStatisticDesc</a>	[0..1]	String	
<a href="#">EncodedMDStatisticDescLen</a>	[0..1]	Length	Must be set if <a href="#">EncodedMDStatisticDesc(2482)</a> field is specified and must immediately precede it.
<a href="#">EncodedMDStatisticDesc</a>	[0..1]	data	Encoded (non-ASCII characters) representation of the <a href="#">MDStatisticDesc(2455)</a> field in the encoded format specified via the <a href="#">MessageEncoding(347)</a> field.
<a href="#">MarketDepth</a>	[0..1]	int	May be used to specify the market depth up to specified level.



Name	Mult.	Type	Description
MDStatisticFrequencyPeriod	[0..1]	int	Conditionally required when MDStatisticFrequencyUnit(2461) is specified. Omission represents a one-time dissemination.
MDStatisticFrequencyUnit	[0..1]	CodeSet	Conditionally required when MDStatisticFrequencyPeriod(2460) is specified.
MDStatisticDelayPeriod	[0..1]	int	Conditionally required when MDStatisticDelayUnit(2463) is specified.
MDStatisticDelayUnit	[0..1]	CodeSet	Conditionally required when MDStatisticDelayPeriod(2462) is specified.
MDStatisticIntervalType	[1..1]	CodeSet	
MDStatisticIntervalTypeUnit	[0..1]	CodeSet	Conditionally required when MDStatisticIntervalType (2464) = 5(Current time unit), 6(Previous time unit) or 8(Maximum range up to previous time unit).
MDStatisticIntervalPeriod	[0..1]	int	Conditionally required if/when MDStatisticIntervalUnit(2467) is specified. Conditionally required when MDStatisticIntervalType(2464) = 1 (Sliding window) or 2 (Sliding window peak).
MDStatisticIntervalUnit	[0..1]	CodeSet	Conditionally required when MDStatisticIntervalPeriod(2466) is specified.
MDStatisticStartDate	[0..1]	UTCTimestamp	Can be used to define a date range for a sliding window peak other than the current day. Omission represents a date range starting with the first available day.
MDStatisticEndDate	[0..1]	UTCTimestamp	Can be used to define a date range for a sliding window peak other than the current day. Omission represents a date range including the current day.
MDStatisticStartTime	[0..1]	UTCTimeOnly	Can be used to define a time range for a sliding window peak other than the complete day. Omission represents a time range starting at midnight.
MDStatisticEndTime	[0..1]	UTCTimeOnly	Can be used to define a time range for a sliding window peak other than the complete day. Omission represents a time range ending with the time of dissemination of the statistical data.
MDStatisticRatioType	[0..1]	CodeSet	Conditionally required when MDStatisticType(2456) = 5(Ratio).
NestedParties	[0..*]	Group	
AnnualTradingBusinessDays	[0..1]	int	

Name	Mult.	Type	Description
TradingCapacity	[0..1]	CodeSet	
OrdType	[0..1]	CodeSet	
TimeInForce	[0..1]	CodeSet	
QuoteCondition	[0..1]	CodeSet	
TradeCondition	[0..1]	CodeSet	
Side	[0..1]	CodeSet	
TradeInputSource	[0..1]	String	
TradingSessionID	[0..1]	CodeSet	
TradingSessionSubID	[0..1]	CodeSet	
MDOriOriginType	[0..1]	CodeSet	
MDValueTier	[0..1]	CodeSet	
TradSesMethod	[0..1]	CodeSet	
MDFeedType	[0..1]	String	
ExposureDuration	[0..1]	int	
ExposureDurationUnit	[0..1]	CodeSet	Conditionally required when ExposureDuration(1629) is specified.
AggressorIndicator	[0..1]	CodeSet	

Used in groups: [MDStatisticReqGrp](#), [MDStatisticRptGrp](#)

### 170.2.2849 MDStatisticRatioType

Ratios between various entities.

Type: [int](#)

Allowed values in MDStatisticRatioTypeCodeSet:

Code	Name	Description
1	BuyersToSellers	Buyers to sellers.
2	UpticksToDownticks	Upticks to downticks. Can also be used with a scope of multiple instruments representing an index.
3	MarketMakerToNonMarketMaker	Market maker to non-market maker. Use to identify share of market making activity.
4	AutomatedToNonAutomated	Automated to non-automated. Use to identify ratio of orders and quotes resulting from automated trading.

Code	Name	Description
5	OrdersToTrades	Orders to trades. Use with scope of trades.
6	QuotesToTrades	Quotes to trades. Use with scope of trades.
7	OrdersAndQuotesToTrades	Orders and quotes to trades. Use with scope of trades.
8	FailedToTotalTradedValue	Failed to total traded value. Total value of failed trades over total traded value.
9	BenefitsToTotalTradedValue	Benefits to total traded value. Total value of all benefits over total traded value.
10	FeesToTotalTradedValue	Fees to total traded value. Total value of all fees excluding rebates over total traded value.
11	TradeVolumeToTotalTradedVolume	Trade volume to total traded volume. Total value of failed trades over total traded value.
12	OrdersToTotalNumberOrders	Orders to total number of orders. Orders pertaining to a type over total number of orders.

Used in components: [MDStatisticParameters](#)

### 170.2.2850 MDStatisticReqGrp

This component block is used within the MarketDataStatisticsRequest(35=DO) message to define a set of parameters describing the desired statistics.

Name	Mult.	Type	Description
<a href="#">NoMDStatistics</a>	[1..1]	NumInGroup	
<a href="#">MDStatisticID</a>	[0..1]	String	Required if NoMDStatistics(2474) > 0. Unique statistics identifier used as a placeholder for a set of parameters. If an ID is not applicable use "[N/A]".
<a href="#">MDStatisticParameters</a>	[0..1]	Component	Required if NoMDStatistics(2474) > 0 and MDStatisticID(2475) = "[N/A]".

Used in messages: [MarketDataStatisticsRequest](#)

### 170.2.2851 MDStatisticReqID

Message identifier for a statistics request.

Type: **String**

Used in messages: **MarketDataStatisticsReport**, **MarketDataStatisticsRequest**

### 170.2.2852 MDStatisticRequestResult

Result returned in response to MarketDataStatisticsRequest (35=DO).

Type: **int**

Allowed values in MDStatisticRequestResultCodeSet:

---

Code	Name	Description
0	Successful	Successful (default)
1	InvalidOrUnknownMarket	Invalid or unknown market
2	InvalidOrUnknownMarketSegment	Invalid or unknown market segment
3	InvalidOrUnknownSecurityList	Invalid or unknown security list
4	InvalidOrUnknownInstruments	Invalid or unknown instrument(s)
5	InvalidParties	Invalid parties
6	TradeDateOutOfSupportedRange	Trade date out of supported range
7	UnsupportedStatisticType	Statistic type not supported
8	UnsupportedScopeOrSubScope	Scope or sub-scope not supported
9	UnsupportedScopeType	Scope type not supported
10	MarketDepthNotSupported	Market depth not supported
11	FrequencyNotSupported	Frequency not supported
12	UnsupportedStatisticInterval	Statistic interval not supported
13	UnsupportedStatisticDateRange	Statistic date range not supported
14	UnsupportedStatisticTimeRange	Statistic time range not supported
15	UnsupportedRatioType	Ratio type not supported
16	InvalidOrUnknownTradeInputSource	Invalid or unknown trade input source
17	InvalidOrUnknownTradingSession	Invalid or unknown trading session
18	UnauthorizedForStatisticRequest	Unauthorized for statistic request
99	Other	Other (further information in Text (58) field)

---

Used in messages: **MarketDataStatisticsReport**

**170.2.2853 MDStatisticRptGrp**

This component block is used within the MarketDataStatisticsReport(35=DP) message to provide results together with the related set of parameters.

Name	Mult.	Type	Description
NoMDStatistics	[1..1]	NumInGroup	
MDStatisticParameters	[0..1]	Component	Required if NoMDStatistics(2474) > 0.
MDStatisticID	[0..1]	String	Required if NoMDStatistics(2474) > 0.
MDStatisticTime	[0..1]	UTCTimestamp	Conditionally required when MDStatisticValue(2478) is specified.
MDStatisticStatus	[0..1]	CodeSet	May be used when sending reference data only to establish MDStatisticID(2475) as a reference to a set of parameters specified in MDStatisticParameters component. If not specified the default is MDStatisticStatus(2477)=1 (Active).
MDStatisticValue	[0..1]	float	Conditionally required unless sending reference data only to establish MDStatisticID(2475) as a reference to a set of parameters specified in MDStatisticParameters component.
MDStatisticValueType	[0..1]	CodeSet	
MDStatisticValueUnit	[0..1]	CodeSet	

Used in messages: [MarketDataStatisticsReport](#)

**170.2.2854 MDStatisticRptID**

Message identifier for a statistics report.

Type: [String](#)

Used in messages: [MarketDataStatisticsReport](#)

**170.2.2855 MDStatisticScope**

Entities used as basis for the statistics.

Type: [int](#)

Allowed values in MDStatisticScopeCodeSet:

<b>Code</b>	<b>Name</b>	<b>Description</b>
1	BidPrices	Bid prices
2	OfferPrices	Offer prices
3	BidDepth	Bid depth
4	OfferDepth	Offer depth
5	Orders	Orders
6	Quotes	Quotes
7	OrdersAndQuotes	Orders and Quotes
8	Trades	Trades
9	TradePrices	Trade prices
10	AuctionPrices	Auction prices
11	OpeningPrices	Opening prices
12	ClosingPrices	Closing prices
13	SettlementPrices	Settlement prices
14	UnderlyingPrices	Underlying prices
15	OpenInterest	Open interest
16	IndexValues	Index values
17	MarginRates	Margin rates
18	Outages	Outages. System halt due to a technical malfunction or failure.
19	ScheduledAuctions	Scheduled auctions
20	ReferencePrices	Reference prices
21	TradeValue	Trade value. Trade size multiplied by price.
22	MarketDataFeeItems	Market data fee items. Fees related to market data access.
23	Rebates	Rebates. Rebate items offered to the client.
24	Discounts	Discounts. Discounts offered to the client.
25	Payments	Payments. Other benefits offered to the client.
26	Taxes	Taxes. Taxes incurred.
27	Levies	Levies. Levies incurred.
28	Benefits	Benefits. Benefits offered to the client.
29	Fees	Fees
30	OrdersRFQs	Orders and RFQs (Request for quotes)
31	MarketMakers	Market makers
32	TradingInterruptions	Trading interruptions. Disruption in trading due to an automatic or manual decision.

Code	Name	Description
33	TradingSuspensions	Trading suspensions. An instrument is deliberately prevented from being quoted or traded due to a decision by execution venue or a competent authority.
34	NoQuotes	No quotes. Period of no quotes received.
35	RequestForQuotes	Request for quotes
36	TradeVolume	Trade volume. Quantity traded.

Used in components: [MDStatisticParameters](#)

### 170.2.2856 MDStatisticScopeType

Scope details of the statistics to reduce the number of events being used as basis for the statistics.

Type: [int](#)

Allowed values in MDStatisticScopeTypeCodeSet:

Code	Name	Description
1	EntryRate	Entry rate
2	ModificationRate	Modification rate
3	CancelRate	Cancel rate
4	DownwardMove	Downward move
5	UpwardMove	Upward move

Used in components: [MDStatisticParameters](#)

### 170.2.2857 MDStatisticStartDate

First day of range for which statistical data is collected.

Type: [UTCTimestamp](#)

Used in components: [MDStatisticParameters](#)

**170.2.2858 MDStatisticStartTime**

Start time of the time range for which statistical data is collected.

Type: [UTCTimeOnly](#)

Used in components: [MDStatisticParameters](#)

**170.2.2859 MDStatisticStatus**

Status for a statistic to indicate its availability.

Type: [int](#)

Allowed values in MDStatisticStatusCodeSet:

Code	Name	Description
1	Active	Active (default)
2	Inactive	Inactive (not disseminated)

Used in groups: [MDStatisticRptGrp](#)

**170.2.2860 MDStatisticSubScope**

Sub-scope of the statistics to further reduce the entities used as basis for the statistics.

Type: [int](#)

Allowed values in MDStatisticSubScopeCodeSet:

Code	Name	Description
1	Visible	Visible. Only includes visible orders and/or quotes.
2	Hidden	Hidden. Only includes hidden orders and/or quotes.
3	Indicative	Indicative. Only includes IOIs and non-tradable quotes.
4	Tradeable	Tradeable. Excludes IOIs and indicative quotes.
5	Passive	Passive. Only includes resting orders and tradeable quotes.
6	MarketConsensus	Market consensus. Only includes entities, e.g. trades, conforming to minimum requirements. Details to be defined out of band.
7	Power	Power. Outages due to power failure.



Code	Name	Description
8	HardwareError	Hardware error. Outages due to a hardware malfunction or failure.
9	SoftwareError	Software error. Outages due to a software malfunction or failure.
10	NetworkError	Network error. Outages due to network error.
11	Failed	Failed. Transaction voided by the execution venue.
12	Executed	Executed. Total or partial execution of an order or quote.
13	Entered	Entered. Order or quote entry.
14	Modified	Modified. Order or quote modification.
15	Cancelled	Cancelled. Order or quote cancellation.
16	MarketDataAccess	Market data access
17	TerminalAccess	Terminal access
18	Volume	Volume. Specifies sub-scope of market data per volume.
19	Cleared	Cleared. Cleared trade.
20	Settled	Settled. Settled trade.
21	Other	Other. Any other fees incurred by the client.
22	Monetary	Monetary. Monetary benefits offered to the clients.
23	NonMonetary	Non-monetary. Non-monetary benefits offered to the clients
24	Gross	Gross. Total fees excluding rebates and discounts.
25	LargeInScale	Large in scale. Means an order classified as large in scale in accordance with a regulatory definition.
26	NeitherHiddenNorLargeInScale	Neither hidden nor large in scale. Excluding orders pending disclosures and LIS.
27	CorporateAction	Corporate action. Specifies type of trading suspension.
28	VenueDecision	Venue decision. Specifies type of trading suspension.
29	MinimumTimePeriod	Minimum time period. Minimum time period for the event defined by scope.
30	Open	Open. Open status of RFQs (request for quotes), no quotes have been provided.
31	NotExecuted	Not executed. Orders or quotes that didn't execute.
32	Aggressive	Aggressive. Order or Quote entered into the order book that took liquidity.
33	Directed	Directed. An order where execution venue is specified by the client.

Used in components: [MDStatisticParameters](#)

**170.2.2861 MDStatisticTime**

Time of calculation of a statistic.

Type: **UTCTimestamp**

Used in groups: **MDStatisticRptGrp**

**170.2.2862 MDStatisticType**

Type of statistic value.

Type: **int**

Allowed values in MDStatisticTypeCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
1	Count	Count. Simple count of entities or events, e.g. orders transactions during a period of time.
2	AverageVolume	Average volume. Average quantity of entities, e.g. average volume of incoming quotes or average trade volume.
3	TotalVolume	Total volume. Aggregated quantities of entities across events, e.g. total trade volume during a period of time.
4	Distribution	Distribution. Distribution of entities across entity types, e.g. percentage of limit orders amongst all order types.
5	Ratio	Ratio. Pre-defined ratio between entities, e.g. ratio of trades triggered by buy orders.
6	Liquidity	Liquidity. Measurement of liquidity of an instrument, e.g. by providing the spread between bid and offer or the trade volume needed to move the price.
7	VWAP	Volume weighted average price (VWAP). Benchmark price.
8	Volatility	Volatility. Volatility of entities, e.g. price movements of incoming orders.
9	Duration	Duration. Time period of events, e.g. resting period of passive orders.
10	Tick	Tick. Price movement of an instrument in number of ticks.
11	AverageValue	Average value. Average quantity multiplied by price.
12	TotalValue	Total value. Aggregated quantity multiplied by price; also described as turnover.
13	High	High. Highest price.
14	Low	Low. Lowest price.

---

Code	Name	Description
15	Midpoint	Midpoint. Midpoint price between bid and offer.
16	First	First. First price or initial value.
17	Last	Last. Most recent price or value.
18	Final	Final. Final price or confirmed value.
19	ExchangeBest	Exchange best. Best price of a single venue regardless of volume.
20	ExchangeBestWithVolume	Exchange best with volume. Best price of a single venue with volume at or above a pre-defined threshold.
21	ConsolidatedBest	Consolidated best. Best price across multiple venues regardless of volume.
22	ConsolidatedBestWithVolume	Consolidated best with volume. Best price across multiple venues with volume at or above a pre-defined threshold.
23	TWAP	Time weighted average price (TWAP)
24	AverageDuration	Average duration. Average duration of time periods of events.
25	AveragePrice	Average price. Average price across entities e.g. trade prices.
26	TotalFees	Total fees. Aggregated fees.
27	TotalBenefits	Total benefits. Aggregated benefits.
28	MedianValue	Median value. Median quantity multiplied by price for orders or quotes.
29	AverageLiquidity	Average liquidity. Average liquidity of an instrument e.g. average effective spread.
30	MedianDuration	Median duration. Median duration of time periods of events.

Used in components: [MDStatisticParameters](#)

### 170.2.2863 MDStatisticValue

Statistical value.

Type: [float](#)

Used in groups: [MDStatisticRptGrp](#)

### 170.2.2864 MDStatisticValueType

Type of statistical value.

Type: **int**

Allowed values in MDStatisticValueTypeCodeSet:

---

Code	Name	Description
1	Absolute	Absolute
2	Percentage	Percentage

---

Used in groups: **MDStatisticRptGrp**

### **170.2.2865 MDStatisticValueUnit**

Unit of time for statistical value.

Type: **int**

Allowed values in OrderDelayUnitCodeSet:

---

Code	Name	Description
0	Seconds	Seconds (default if not specified)
1	TenthsOfASecond	Tenths of a second
2	HundredthsOfASecond	Hundredths of a second
3	Milliseconds	milliseconds
4	Microseconds	microseconds
5	Nanoseconds	nanoseconds
10	Minutes	minutes
11	Hours	hours
12	Days	days
13	Weeks	weeks
14	Months	months
15	Years	years

---

Used in groups: **MDStatisticRptGrp**

### **170.2.2866 MDStreamID**

The identifier or name of the price stream.

Type: **String**

Used in groups: **InstrmtMDReqGrp**, **MDIncGrp**, **StrmAsgnReqInstrmtGrp**, **StrmAsgnRptInstrmtGrp**

Used in messages: **MarketDataSnapshotFullRefresh**

### **170.2.2867 MDSubBookType**

Describes a class of sub book, e.g. for the separation of various lot types. The Sub Book Type indicates that the following Market Data Entries belong to a non-integrated Sub Book. Whenever provided the Sub Book must be used together with MDPriceLevel and MDEntryPositionNo in order to sort the order properly.

Values are bilaterally agreed.

Type: **int**

Used in groups: **MDIncGrp**, **MarketDataFeedTypes**

Used in messages: **MarketDataSnapshotFullRefresh**

### **170.2.2868 MDSubFeedType**

Describes a sub-class for a given class of service defined by MDFeedType (1022)

Type: **String**

Used in groups: **MarketDataFeedTypes**

Used in messages: **MarketDataIncrementalRefresh**, **MarketDataSnapshotFullRefresh**

### **170.2.2869 MDUpdateAction**

Type of Market Data update action.

Type: **char**

Allowed values in MDUpdateActionCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	New	New
1	Change	Change
2	Delete	Delete

---

---

Code	Name	Description
3	DeleteThru	Delete Thru
4	DeleteFrom	Delete From
5	Overlay	Overlay

---

Used in groups: [MDIncGrp](#)

### 170.2.2870 MDUpdateType

Specifies the type of Market Data update.

Type: [int](#)

Allowed values in MDUpdateTypeCodeSet:

---

Code	Name	Description
0	FullRefresh	Full refresh
1	IncrementalRefresh	Incremental refresh

---

Used in messages: [MarketDataRequest](#)

### 170.2.2871 MDValueTier

Describes the reporting ranges for executed transactions.

Type: [int](#)

Allowed values in MDValueTierCodeSet:

---

Code	Name	Description
1	Range1	Range 1
2	Range2	Range 2
3	Range3	Range 3

---

Used in components: [MDStatisticParameters](#)

### **170.2.2872 MessageEncoding**

Type of message encoding (non-ASCII (non-English) characters) used in a message's "Encoded" fields.

Type: **String**

Used in components: **StandardHeader**

### **170.2.2873 MessageEventSource**

Used to identify the event or source which gave rise to a message.

Valid values will be based on an exchange's implementation.

Example values are:

"MQM" (originated at Firm Back Office)

"Clear" (originated in Clearing System)

"Reg" (static data generated via Register request)

Type: **String**

Used in messages: **AllocationInstruction, AllocationInstructionAlert, AllocationReport, PositionReport, TradeCaptureReport, TradeCaptureReportAck, TradeCaptureReportRequest, TradeCaptureReportRequestAck**

### **170.2.2874 MidPx**

Mid price/rate.

For OTC swaps this is the mid-market mark (for example, as defined by CFTC).

For uncleared OTC swaps, LegMidPx(2346) and the MidPx(631) fields are mutually exclusive.

Type: **Price**

Used in groups: **QuotEntryAckGrp, QuotEntryGrp, QuotReqGrp**

Used in messages: **ExecutionReport, Quote, QuoteResponse, QuoteStatusReport, TradeCaptureReport**

### **170.2.2875 MidYield**

Mid yield

Type: **Percentage**

Used in groups: **QuotEntryAckGrp, QuotEntryGrp**

Used in messages: **Quote, QuoteResponse, QuoteStatusReport**

#### **170.2.2876 MinBidSize**

Used to indicate a minimum quantity for a bid.

Type: **Qty**

Used in groups: **QuoteSizeRuleGrp**

Used in messages: **Quote, QuoteResponse, QuoteStatusReport**

#### **170.2.2877 MinLotSize**

Minimum lot size allowed based on lot type specified in LotType(1093)

Type: **Qty**

Used in groups: **LotTypeRules**

#### **170.2.2878 MinOfferSize**

Used to indicate a minimum quantity for an offer. If this field is used the OfferSize (135) field is interpreted as the maximum offer size.

Type: **Qty**

Used in groups: **QuoteSizeRuleGrp**

Used in messages: **Quote, QuoteResponse, QuoteStatusReport**

#### **170.2.2879 MinPriceIncrement**

Minimum price increase for a given exchange-traded Instrument

Type: **float**

Used in components: **Instrument**



**170.2.2880 MinPriceIncrementAmount**

Minimum price increment amount associated with MinPriceIncrement(969). For listed derivatives, the value can be calculated by multiplying MinPriceIncrement(969) with ContractMultiplier(231).

Type: **Amt**

Used in components: **Instrument**

**170.2.2881 MinQty**

Minimum quantity of an order to be executed.

(Prior to FIX 4.2 this field was of type int)

Type: **Qty**

Used in groups: **ListOrdGrp, MDFullGrp, MDIncGrp, QuotReqGrp**

Used in messages: **CrossOrderCancelReplaceRequest, ExecutionReport, MultilegOrderCancelReplace, NewOrderCross, NewOrderMultileg, NewOrderSingle, OrderCancelReplaceRequest, Quote, QuoteResponse, QuoteStatusReport**

**170.2.2882 MinQtyMethod**

Indicates how the minimum quantity should be applied when executing the order.

Type: **int**

Allowed values in MinQtyMethodCodeSet:

Code	Name	Description
1	Once	Once (applies only to first execution)
2	Multiple	Multiple (applies to every execution)

Used in messages: **CrossOrderCancelReplaceRequest, ExecutionReport, MultilegOrderCancelReplace, NewOrderCross, NewOrderMultileg, NewOrderSingle, OrderCancelReplaceRequest**

**170.2.2883 MinTradeVol**

The minimum order quantity (as expressed by TradeVolType(1786)) that can be submitted for a security.

Type: Qty

Used in components: BaseTradingRules

#### 170.2.2884 MiscFeeAmountDue

The fee amount due if different from MiscFeeAmt(137).

Type: Amt

Used in groups: MiscFeesGrp

#### 170.2.2885 MiscFeeAmt

Miscellaneous fee value

Type: Amt

Used in groups: MiscFeesGrp

#### 170.2.2886 MiscFeeBasis

Defines the unit for a miscellaneous fee.

Type: int

Allowed values in MiscFeeBasisCodeSet:

---

Code	Name	Description
0	Absolute	Absolute. The fee or markup is a total fixed amount expressed in the currency of the trade.
1	PerUnit	Per Unit. The fee or markup is an amount per quantity unit, i.e. per share or contract, expressed in the currency of the trade.
2	Percentage	Percentage. The percentage is expressed in standard FIX "Percentage" datatype format, i.e. "0.01" for 1 percent and ranges between 0 and 1. It is the number which when multiplied by the trade price and quantity produces the total amount of the fee or markup.

---

Used in groups: MiscFeesGrp

**170.2.2887 MiscFeeCurr**

Currency of miscellaneous fee

Type: **Currency**

Used in groups: **MiscFeesGrp**

**170.2.2888 MiscFeeDesc**

Can be used to provide a textual description of the fee type.

Type: **String**

Used in groups: **MiscFeesGrp**

**170.2.2889 MiscFeeQualifier**

Identifies whether the current entry contributes to the trade or transaction economics, i.e. affects NetMoney(118).

Type: **int**

Allowed values in MiscFeeQualifierCodeSet:

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	Contributes	Contributes (default). Fee contributes to the trade or transaction economics.
1	DoesNotContribute	Does not contribute. Fee does not contribute to the trade or transaction economics.

Used in groups: **MiscFeesGrp**

**170.2.2890 MiscFeeRate**

The fee rate when MiscFeeAmt(137) is a percentage of trade quantity.

Type: **Percentage**

Used in groups: **MiscFeesGrp**

**170.2.2891 MiscFeesGrp**

The MiscFeesGrp component is used to provide details of trade and transaction fees other than commissions, e.g. regulatory, exchange, taxes, levies, markup, trade reporting, etc. In the context of ESMA RTS 27 Best Execution Reporting, it may also be used to collect and publish the nature and level of current venue fees, rebates and payouts. Use MiscFeeQualifier(2712) to communicate whether the fee affects trade economics.

Name	Mult.	Type	Description
NoMiscFees	[1..1]	NumInGroup	Required if any miscellaneous fees are reported. Indicates number of repeating entries.
MiscFeeAmt	[0..1]	Amt	Required if NoMiscFees(136) > 0.
MiscFeeCurr	[0..1]	Currency	
MiscFeeType	[0..1]	CodeSet	Required if NoMiscFees(136) > 0.
MiscFeeQualifier	[0..1]	CodeSet	
MiscFeesSubGrp	[0..*]	Group	
MiscFeeBasis	[0..1]	CodeSet	
MiscFeeRate	[0..1]	Percentage	
MiscFeeAmountDue	[0..1]	Amt	
MiscFeeDesc	[0..1]	String	

Used in groups: [AllocGrp](#), [TrdCapRptAckSideGrp](#), [TrdCapRptSideGrp](#)

Used in messages: [CollateralAssignment](#), [CollateralReport](#), [CollateralRequest](#), [CollateralResponse](#), [Confirmation](#), [ExecutionReport](#), [MarketDefinition](#)

**170.2.2892 MiscFeesSubGrp**

The MiscFeesSubGrp component is used to provide further details for a given MiscFeeType(139) value.

Name	Mult.	Type	Description
NoMiscFeeSubTypes	[1..1]	NumInGroup	
MiscFeeSubType	[0..1]	String	Required if NoMiscFeeSubTypes(2633) > 0.
MiscFeeSubTypeAmt	[0..1]	Amt	
MiscFeeSubTypeDesc	[0..1]	String	
EncodedMiscFeeSubTypeDescLen	[0..1]	Length	Must be set if EncodedMiscFeeSubTypeDesc(2638) field is specified and must immediately precede it.

Name	Mult.	Type	Description
EncodedMiscFeeSubTypeDesc	[0..1]	data	Encoded (non-ASCII characters) representation of the MiscFeeSubTypeDesc(2636) field in the encoded format specified via the MessageEncoding(347) field.

Used in groups: [MiscFeesGrp](#)

### 170.2.2893 MiscFeeSubType

Used to provide more granular fee types related to a value of MiscFeeType(139).

See [http://www.fixtradingcommunity.org/codelists#Misc\\_Fee\\_Sub\\_Types](http://www.fixtradingcommunity.org/codelists#Misc_Fee_Sub_Types) for code list of applicable fees. Other fee sub-types may be used by mutual agreement of the counterparties.

Type: [String](#)

Used in groups: [MiscFeesSubGrp](#)

### 170.2.2894 MiscFeeSubTypeAmt

The amount of the specified MiscFeeSubType(2634).

Type: [Amt](#)

Used in groups: [MiscFeesSubGrp](#)

### 170.2.2895 MiscFeeSubTypeDesc

Can be used to provide an optional textual description of the fee sub-type.

Type: [String](#)

Used in groups: [MiscFeesSubGrp](#)

### 170.2.2896 MiscFeeType

Indicates type of miscellaneous fee.

Type: [String](#)

Allowed values in MiscFeeTypeCodeSet:

<b>Code</b>	<b>Name</b>	<b>Description</b>
1	Regulatory	Regulatory (e.g. SEC)
2	Tax	Tax
3	LocalCommission	Local Commission. DEPRECATE - use <CommissionDataGrp> component instead
4	ExchangeFees	Exchange Fees
5	Stamp	Stamp
6	Levy	Levy
7	Other	Other
8	Markup	Markup
9	ConsumptionTax	Consumption Tax
10	PerTransaction	Per transaction
11	Conversion	Conversion
12	Agent	Agent
13	TransferFee	Transfer Fee
14	SecurityLending	Security Lending
15	TradeReporting	Trade reporting. Trade reporting [Elaboration: The fee charged to recover the cost of trade reporting, e.g. corporate bonds and structured products reported to FINRA TRACE.
16	TaxOnPrincipalAmount	Tax on principal amount
17	TaxOnAccruedInterestAmount	Tax on accrued interest amount
18	NewIssuanceFee	New issuance fee
19	ServiceFee	Service fee
20	OddLotFee	Odd lot fee
21	AuctionFee	Auction fee
22	ValueAddedTax	Value Added tax - VAT
23	SalesTax	Sales tax
24	ExecutionFee	Execution venue fee
25	OrderEntryFee	Order or quote entry fee. Order or quote submission fees per transaction.
26	OrderModificationFee	Order or quote modification fee. Order or quote modification fees per transaction.
27	OrdersCancellationFee	Orders or quote cancellation fee. Order or quote cancellation fees per transaction.
28	MarketDataAccessFee	Market data access fee. Fee for market data access.
29	MarketDataTerminalFee	Market data terminal fee. Fee for market data terminal.
30	MarketDataVolumeFee	Market data volume fee. Fee for market data per volume group.

Code	Name	Description
31	ClearingFee	Clearing fee. Fee for clearing of trades.
32	SettlementFee	Settlement fee. Fee for settlement of trades.
33	Rebates	Rebates. Rebates offered to the client.
34	Discounts	Discounts. Discounts offered to the client.
35	Payments	Payments. Other benefits offered to the client.
36	NonMonetaryPayments	Non-monetary payments. Non-monetary benefits offered to the client.

Used in groups: [MiscFeesGrp](#)

#### **170.2.2897 MixedSwapIndicator**

An indication that the trade is a mixed swap.

Type: [Boolean](#)

Used in messages: [TradeCaptureReport](#)

#### **170.2.2898 MktBidPx**

Used to indicate the best bid in a market

Type: [Price](#)

Used in messages: [Quote](#), [QuoteResponse](#), [QuoteStatusReport](#)

#### **170.2.2899 MktOfferPx**

Used to indicate the best offer in a market

Type: [Price](#)

Used in messages: [Quote](#), [QuoteResponse](#), [QuoteStatusReport](#)

#### **170.2.2900 ModelType**

Type of pricing model used

Type: [int](#)

Allowed values in ModelTypeCodeSet:

Code	Name	Description
0	UtilityProvidedStandardModel	Utility provided standard model
1	ProprietaryModel	Proprietary (user supplied) model

Used in messages: [PositionReport](#)

### 170.2.2901 MoneyLaunderingStatus

A one character code identifying Money laundering status.

Type: [char](#)

Allowed values in MoneyLaunderingStatusCodeSet:

Code	Name	Description
Y	Passed	Passed
N	NotChecked	Not Checked
1	ExemptBelowLimit	Exempt - Below the Limit
2	ExemptMoneyType	Exempt - Client Money Type exemption
3	ExemptAuthorised	Exempt - Authorised Credit or financial institution

Used in messages: [CrossOrderCancelReplaceRequest](#), [ExecutionReport](#), [MultilegOrderCancelReplace](#), [NewOrderCross](#), [NewOrderList](#), [NewOrderMultileg](#), [NewOrderSingle](#), [OrderCancelReplaceRequest](#)

### 170.2.2902 MsgDirection

Specifies the direction of the message.

Type: [char](#)

Allowed values in MsgDirectionCodeSet:

Code	Name	Description
R	Receive	Receive
S	Send	Send

Used in groups: [MsgTypeGrp](#)



**170.2.2903 MsgSeqNum**

Integer message sequence number.

Type: **SeqNum**

Used in components: **StandardHeader**

**170.2.2904 MsgType**

Defines message type ALWAYS THIRD FIELD IN MESSAGE. (Always unencrypted)

Note: A "U" as the first character in the MsgType field (i.e. U, U2, etc) indicates that the message format is privately defined between the sender and receiver.

\*\*\* Note the use of lower case letters \*\*\*

Type: **String**

Allowed values in MsgTypeCodeSet:

---

Code	Name	Description
0	Heartbeat	Heartbeat. The Heartbeat monitors the status of the communication link and identifies when the last of a string of messages was not received.
1	TestRequest	TestRequest. The test request message forces a heartbeat from the opposing application. The test request message checks sequence numbers or verifies communication line status. The opposite application responds to the Test Request with a Heartbeat containing the TestReqID.
2	ResendRequest	ResendRequest. The resend request is sent by the receiving application to initiate the retransmission of messages. This function is utilized if a sequence number gap is detected, if the receiving application lost a message, or as a function of the initialization process.
3	Reject	Reject. The reject message should be issued when a message is received but cannot be properly processed due to a session-level rule violation. An example of when a reject may be appropriate would be the receipt of a message with invalid basic data which successfully passes de-encryption, CheckSum and BodyLength checks.
4	SequenceReset	SequenceReset. The sequence reset message is used by the sending application to reset the incoming sequence number on the opposing side.

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
5	Logout	Logout. The logout message initiates or confirms the termination of a FIX session. Disconnection without the exchange of logout messages should be interpreted as an abnormal condition.
6	IOI	IOI. Indication of interest messages are used to market merchandise which the broker is buying or selling in either a proprietary or agency capacity. The indications can be time bound with a specific expiration value. Indications are distributed with the understanding that other firms may react to the message first and that the merchandise may no longer be available due to prior trade. Indication messages can be transmitted in various transaction types; NEW, CANCEL, and REPLACE. All message types other than NEW modify the state of the message identified in IOIRefID.
7	Advertisement	Advertisement. Advertisement messages are used to announce completed transactions. The advertisement message can be transmitted in various transaction types; NEW, CANCEL and REPLACE. All message types other than NEW modify the state of a previously transmitted advertisement identified in AdvRefID.
8	ExecutionReport	ExecutionReport. The execution report message is used to: 1. confirm the receipt of an order. 2. confirm changes to an existing order (i.e. accept cancel and replace requests). 3. relay order status information. 4. relay fill information on working orders. 5. relay fill information on tradeable or restricted tradeable quotes. 6. reject orders. 7. report post-trade fees calculations associated with a trade
9	OrderCancelReject	OrderCancelReject. The order cancel reject message is issued by the broker upon receipt of a cancel request or cancel/replace request message which cannot be honored.
A	Logon	Logon. The logon message authenticates a user establishing a connection to a remote system. The logon message must be the first message sent by the application requesting to initiate a FIX session.
B	News	News. The news message is a general free format message between the broker and institution. The message contains flags to identify the news item's urgency and to allow sorting by subject company (symbol). The News message can be originated at either the broker or institution side, or exchanges and other marketplace venues.
C	Email	Email. The email message is similar to the format and purpose of the News message, however, it is intended for private use between two parties.

<b>Code</b>	<b>Name</b>	<b>Description</b>
D	NewOrderSingle	NewOrderSingle. The new order message type is used by institutions wishing to electronically submit securities and forex orders to a broker for execution. The New Order message type may also be used by institutions or retail intermediaries wishing to electronically submit Collective Investment Vehicle (CIV) orders to a broker or fund manager for execution.
E	NewOrderList	NewOrderList. The NewOrderList Message can be used in one of two ways depending on which market conventions are being followed.
F	OrderCancelRequest	OrderCancelRequest. The order cancel request message requests the cancellation of all of the remaining quantity of an existing order. Note that the Order Cancel/Replace Request should be used to partially cancel (reduce) an order).
G	OrderCancelReplaceRequest	OrderCancelReplaceRequest. The order cancel/replace request is used to change the parameters of an existing order. Do not use this message to cancel the remaining quantity of an outstanding order, use the Order Cancel Request message for this purpose.
H	OrderStatusRequest	OrderStatusRequest. The order status request message is used by the institution to generate an order status message back from the broker.
J	AllocationInstruction	AllocationInstruction. The Allocation Instruction message provides the ability to specify how an order or set of orders should be subdivided amongst one or more accounts. In versions of FIX prior to version 4.4, this same message was known as the Allocation message. Note in versions of FIX prior to version 4.4, the allocation message was also used to communicate fee and expense details from the Sellside to the Buyside. This role has now been removed from the Allocation Instruction and is now performed by the new (to version 4.4) Allocation Report and Confirmation messages.,The Allocation Report message should be used for the Sell-side Initiated Allocation role as defined in previous versions of the protocol.
K	ListCancelRequest	ListCancelRequest. The List Cancel Request message type is used by institutions wishing to cancel previously submitted lists either before or during execution.
L	ListExecute	ListExecute. The List Execute message type is used by institutions to instruct the broker to begin execution of a previously submitted list. This message may or may not be used, as it may be mirroring a phone conversation.

<b>Code</b>	<b>Name</b>	<b>Description</b>
M	ListStatusRequest	ListStatusRequest. The list status request message type is used by institutions to instruct the broker to generate status messages for a list.
N	ListStatus	ListStatus. The list status message is issued as the response to a List Status Request message sent in an unsolicited fashion by the sell-side. It indicates the current state of the orders within the list as they exist at the broker's site. This message may also be used to respond to the List Cancel Request.
P	AllocationInstructionAck	AllocationInstructionAck. In versions of FIX prior to version 4.4, this message was known as the Allocation ACK message. The Allocation Instruction Ack message is used to acknowledge the receipt of and provide status for an Allocation Instruction message.
Q	DontKnowTrade	DontKnowTrade. The Don't Know Trade (DK) message notifies a trading partner that an electronically received execution has been rejected. This message can be thought of as an execution reject message.
R	QuoteRequest	QuoteRequest. In some markets it is the practice to request quotes from brokers prior to placement of an order. The quote request message is used for this purpose. This message is commonly referred to as an Request For Quote (RFQ)
S	Quote	Quote. The Quote message is used as the response to a Quote Request or a Quote Response message in both indicative, tradeable, and restricted tradeable quoting markets.
T	SettlementInstructions	SettlementInstructions. The Settlement Instructions message provides the broker's, the institution's, or the intermediary's instructions for trade settlement. This message has been designed so that it can be sent from the broker to the institution, from the institution to the broker, or from either to an independent "standing instructions" database or matching system or, for CIV, from an intermediary to a fund manager.
V	MarketDataRequest	MarketDataRequest. Some systems allow the transmission of real-time quote, order, trade, trade volume, open interest, and/or other price information on a subscription basis. A MarketDataRequest(35=V) is a general request for market data on specific securities or forex quotes. The values in the fields provided within the request will serve as further filter criteria for the result set.

Code	Name	Description
W	MarketDataSnapshotFullRefresh	MarketDataSnapshotFullRefresh. The Market Data messages are used as the response to a Market Data Request message. In all cases, one Market Data message refers only to one Market Data Request. It can be used to transmit a 2-sided book of orders or list of quotes, a list of trades, index values, opening, closing, settlement, high, low, or VWAP prices, the trade volume or open interest for a security, or any combination of these.
X	MarketDataIncrementalRefresh	MarketDataIncrementalRefresh. The Market Data message for incremental updates may contain any combination of new, changed, or deleted Market Data Entries, for any combination of instruments, with any combination of trades, imbalances, quotes, index values, open, close, settlement, high, low, and VWAP prices, trade volume and open interest so long as the maximum FIX message size is not exceeded. All of these types of Market Data Entries can be changed and deleted.
Y	MarketDataRequestReject	MarketDataRequestReject. The Market Data Request Reject is used when the broker cannot honor the Market Data Request, due to business or technical reasons. Brokers may choose to limit various parameters, such as the size of requests, whether just the top of book or the entire book may be displayed, and whether Full or Incremental updates must be used.
Z	QuoteCancel	QuoteCancel. The Quote Cancel message is used by an originator of quotes to cancel quotes. The Quote Cancel message supports cancellation of: <ul style="list-style-type: none"> <li>• All quotes.</li> <li>• Quotes for a specific symbol or security ID.</li> <li>• All quotes for a security type.</li> <li>• All quotes for an underlying</li> </ul>
a	QuoteStatusRequest	QuoteStatusRequest. The quote status request message is used for the following purposes in markets that employ tradeable or restricted tradeable quotes: <ul style="list-style-type: none"> <li>• For the issuer of a quote in a market to query the status of that quote (using the QuoteID to specify the target quote).</li> <li>• To subscribe and unsubscribe for Quote Status Report messages for one or more securities.</li> </ul>
b	MassQuoteAck	MassQuoteAck. Mass Quote Acknowledgement is used as the application level response to a Mass Quote message.
c	SecurityDefinitionRequest	SecurityDefinitionRequest. The SecurityDefinitionRequest(35=c) message is used for the following: <ol style="list-style-type: none"> <li>1. Request a specific security to be traded with the second party. The requested security can be defined as a multileg security made up of one or more instrument legs.</li> <li>2. Request a set of individual securities for a single market segment.</li> <li>3. Request all securities, independent of market segment.</li> </ol>

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<b>Code</b>	<b>Name</b>	<b>Description</b>
d	SecurityDefinition	SecurityDefinition. The SecurityDefinition(35=d) message is used for the following: 1. Accept the security defined in a SecurityDefinition(35=d) message. 2. Accept the security defined in a SecurityDefinition(35=d) message with changes to the definition and/or identity of the security. 3. Reject the security requested in a SecurityDefinition(35=d) message. 4. Respond to a request for securities within a specified market segment. 5. Convey comprehensive security definition for all market segments that the security participates in. 6. Convey the security's trading rules that differ from default rules for the market segment.
e	SecurityStatusRequest	SecurityStatusRequest. The Security Status Request message provides for the ability to request the status of a security. One or more Security Status messages are returned as a result of a Security Status Request message.
f	SecurityStatus	SecurityStatus. The Security Status message provides for the ability to report changes in status to a security. The Security Status message contains fields to indicate trading status, corporate actions, financial status of the company. The Security Status message is used by one trading entity (for instance an exchange) to report changes in the state of a security.
g	TradingSessionStatusRequest	TradingSessionStatusRequest. The Trading Session Status Request is used to request information on the status of a market. With the move to multiple sessions occurring for a given trading party (morning and evening sessions for instance) there is a need to be able to provide information on what product is trading on what market.
h	TradingSessionStatus	TradingSessionStatus. The Trading Session Status provides information on the status of a market. For markets multiple trading sessions on multiple-markets occurring (morning and evening sessions for instance), this message is able to provide information on what products are trading on what market during what trading session.
i	MassQuote	MassQuote. The Mass Quote message can contain quotes for multiple securities to support applications that allow for the mass quoting of an option series. Two levels of repeating groups have been provided to minimize the amount of data required to submit a set of quotes for a class of options (e.g. all option series for IBM).

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Code	Name	Description
j	BusinessMessageReject	BusinessMessageReject. The Business Message Reject message can reject an application-level message which fulfills session-level rules and cannot be rejected via any other means. Note if the message fails a session-level rule (e.g. body length is incorrect), a session-level Reject message should be issued.
k	BidRequest	BidRequest. The BidRequest Message can be used in one of two ways depending on which market conventions are being followed. In the "Non disclosed" convention (e.g. US/European model) the BidRequest message can be used to request a bid based on the sector, country, index and liquidity information contained within the message itself. In the "Non disclosed" convention the entry repeating group is used to define liquidity of the program. See " Program/Basket/List Trading" for an example. In the "Disclosed" convention (e.g. Japanese model) the BidRequest message can be used to request bids based on the ListOrderDetail messages sent in advance of BidRequest message. In the "Disclosed" convention the list repeating group is used to define which ListOrderDetail messages a bid is being sort for and the directions of the required bids.
l	BidResponse	BidResponse. The Bid Response message can be used in one of two ways depending on which market conventions are being followed. In the "Non disclosed" convention the Bid Response message can be used to supply a bid based on the sector, country, index and liquidity information contained within the corresponding bid request message. See "Program/Basket/List Trading" for an example. In the "Disclosed" convention the Bid Response message can be used to supply bids based on the List Order Detail messages sent in advance of the corresponding Bid Request message.
m	ListStrikePrice	ListStrikePrice. The strike price message is used to exchange strike price information for principal trades. It can also be used to exchange reference prices for agency trades.
n	XMLnonFIX	XMLnonFIX.
o	RegistrationInstructions	RegistrationInstructions. The Registration Instructions message type may be used by institutions or retail intermediaries wishing to electronically submit registration information to a broker or fund manager (for CIV) for an order or for an allocation.
p	RegistrationInstructionsResponse	RegistrationInstructionsResponse. The Registration Instructions Response message type may be used by broker or fund manager (for CIV) in response to a Registration Instructions message submitted by an institution or retail intermediary for an order or for an allocation.

<b>Code</b>	<b>Name</b>	<b>Description</b>
q	OrderMassCancelRequest	OrderMassCancelRequest. The order mass cancel request message requests the cancellation of all of the remaining quantity of a group of orders matching criteria specified within the request. NOTE: This message can only be used to cancel order messages (reduce the full quantity).
r	OrderMassCancelReport	OrderMassCancelReport. The Order Mass Cancel Report is used to acknowledge an Order Mass Cancel Request. Note that each affected order that is canceled is acknowledged with a separate Execution Report or Order Cancel Reject message.
s	NewOrderCross	NewOrderCross. Used to submit a cross order into a market. The cross order contains two order sides (a buy and a sell). The cross order is identified by its CrossID.
t	CrossOrderCancelReplaceRequest	CrossOrderCancelReplaceRequest. Used to modify a cross order previously submitted using the New Order - Cross message. See Order Cancel Replace Request for details concerning message usage.
u	CrossOrderCancelRequest	CrossOrderCancelRequest. Used to fully cancel the remaining open quantity of a cross order.
v	SecurityTypeRequest	SecurityTypeRequest. The Security Type Request message is used to return a list of security types available from a counterparty or market.
w	SecurityTypes	SecurityTypes. The Security Type Request message is used to return a list of security types available from a counterparty or market.
x	SecurityListRequest	SecurityListRequest. The Security List Request message is used to return a list of securities from the counterparty that match criteria provided on the request
y	SecurityList	SecurityList. The Security List message is used to return a list of securities that matches the criteria specified in a Security List Request.
z	DerivativeSecurityListRequest	DerivativeSecurityListRequest. The Derivative Security List Request message is used to return a list of securities from the counterparty that match criteria provided on the request
AA	DerivativeSecurityList	DerivativeSecurityList. The Derivative Security List message is used to return a list of securities that matches the criteria specified in a Derivative Security List Request.
AB	NewOrderMultileg	NewOrderMultileg. The New Order - Multileg is provided to submit orders for securities that are made up of multiple securities, known as legs.



Code	Name	Description
AC	MultilegOrderCancelReplace	MultilegOrderCancelReplace. Used to modify a multileg order previously submitted using the New Order - Multileg message. See Order Cancel Replace Request for details concerning message usage.
AD	TradeCaptureReportRequest	TradeCaptureReportRequest. The Trade Capture Report Request can be used to: <ul style="list-style-type: none"> <li>• Request one or more trade capture reports based upon selection criteria provided on the trade capture report request.</li> <li>• Subscribe for trade capture reports based upon selection criteria provided on the trade capture report request.</li> </ul>
AE	TradeCaptureReport	TradeCaptureReport. The Trade Capture Report message can be: <ul style="list-style-type: none"> <li>- Used to report trades between counterparties.</li> <li>- Used to report trades to a trade matching system.</li> <li>- Sent unsolicited between counterparties.</li> <li>- Sent as a reply to a Trade Capture Report Request.</li> <li>- Used to report unmatched and matched trades.</li> </ul>
AF	OrderMassStatusRequest	OrderMassStatusRequest. The order mass status request message requests the status for orders matching criteria specified within the request.
AG	QuoteRequestReject	QuoteRequestReject. The Quote Request Reject message is used to reject Quote Request messages for all quoting models.
AH	RFQRequest	RFQRequest. In tradeable and restricted tradeable quoting markets – Quote Requests are issued by counterparties interested in ascertaining the market for an instrument. Quote Requests are then distributed by the market to liquidity providers who make markets in the instrument. The RFQ Request is used by liquidity providers to indicate to the market for which instruments they are interested in receiving Quote Requests. It can be used to register interest in receiving quote requests for a single instrument or for multiple instruments
AI	QuoteStatusReport	QuoteStatusReport. The quote status report message is used: <ul style="list-style-type: none"> <li>• as the response to a Quote Status Request message.</li> <li>• as a response to a Quote Cancel message.</li> <li>• as a response to a Quote Response message in a negotiation dialog (see Volume 7 – PRODUCT: FIXED INCOME and USER GROUP: EXCHANGES AND MARKETS)</li> </ul>
AJ	QuoteResponse	QuoteResponse. The QuoteResponse(35=AJ) message is used for the following purposes: <ol style="list-style-type: none"> <li>1. Respond to an IOI(35=6) message.</li> <li>2. Respond to a Quote(35=S) message.</li> <li>3. Counter a Quote.</li> <li>4. End a negotiation dialog.</li> <li>5. Follow-up or end a QuoteRequest(35=R) dialog that did not receive a response.</li> </ol>

<b>Code</b>	<b>Name</b>	<b>Description</b>
AK	Confirmation	Confirmation. The Confirmation messages are used to provide individual trade level confirmations from the sell side to the buy side. In versions of FIX prior to version 4.4, this role was performed by the allocation message. Unlike the allocation message, the confirmation message operates at an allocation account (trade) level rather than block level, allowing for the affirmation or rejection of individual confirmations.
AL	PositionMaintenanceRequest	PositionMaintenanceRequest. The Position Maintenance Request message allows the position owner to submit requests to the holder of a position which will result in a specific action being taken which will affect the position. Generally, the holder of the position is a central counter party or clearing organization but can also be a party providing investment services.
AM	PositionMaintenanceReport	PositionMaintenanceReport. The Position Maintenance Report message is sent by the holder of a position in response to a Position Maintenance Request and is used to confirm that a request has been successfully processed or rejected.
AN	RequestForPositions	RequestForPositions. The Request For Positions message is used by the owner of a position to request a Position Report from the holder of the position, usually the central counter party or clearing organization. The request can be made at several levels of granularity.
AO	RequestForPositionsAck	RequestForPositionsAck. The Request for Positions Ack message is returned by the holder of the position in response to a Request for Positions message. The purpose of the message is to acknowledge that a request has been received and is being processed.
AP	PositionReport	PositionReport. The Position Report message is returned by the holder of a position in response to a Request for Position message. The purpose of the message is to report all aspects of a position and may be provided on a standing basis to report end of day positions to an owner.

<b>Code</b>	<b>Name</b>	<b>Description</b>
AQ	TradeCaptureReportRequestAck	TradeCaptureReportRequestAck. The Trade Capture Request Ack message is used to: - Provide an acknowledgement to a Trade Capture Report Request in the case where the Trade Capture Report Request is used to specify a subscription or delivery of reports via an out-of-band ResponseTransmissionMethod. - Provide an acknowledgement to a Trade Capture Report Request in the case when the return of the Trade Capture Reports matching that request will be delayed or delivered asynchronously. This is useful in distributed trading system environments. - Indicate that no trades were found that matched the selection criteria specified on the Trade Capture Report Request or the Trade Capture Report Request was invalid for some business reason, such as request is not authorized, invalid or unknown instrument, party, trading session, etc.
AR	TradeCaptureReportAck	TradeCaptureReportAck. The Trade Capture Report Ack message can be: - Used to acknowledge trade capture reports received from a counterparty. - Used to reject a trade capture report received from a counterparty.
AS	AllocationReport	AllocationReport. Sent from sell-side to buy-side, sell-side to 3rd-party or 3rd-party to buy-side, the Allocation Report (Claim) provides account breakdown of an order or set of orders plus any additional follow-up front-office information developed post-trade during the trade allocation, matching and calculation phase. In versions of FIX prior to version 4.4, this functionality was provided through the Allocation message. Depending on the needs of the market and the timing of "confirmed" status, the role of Allocation Report can be taken over in whole or in part by the Confirmation message.
AT	AllocationReportAck	AllocationReportAck. The Allocation Report Ack message is used to acknowledge the receipt of and provide status for an Allocation Report message.
AU	ConfirmationAck	ConfirmationAck. The Confirmation Ack (aka Affirmation) message is used to respond to a Confirmation message.
AV	SettlementInstructionRequest	SettlementInstructionRequest. The Settlement Instruction Request message is used to request standing settlement instructions from another party.
AW	AssignmentReport	AssignmentReport. Assignment Reports are sent from a clearing house to counterparties, such as a clearing firm as a result of the assignment process.

Code	Name	Description
AX	CollateralRequest	CollateralRequest. An initiator that requires collateral from a respondent sends a Collateral Request. The initiator can be either counterparty to a trade in a two party model or an intermediary such as an ATS or clearinghouse in a three party model. A Collateral Assignment is expected as a response to a request for collateral.
AY	CollateralAssignment	CollateralAssignment. Used to assign collateral to cover a trading position. This message can be sent unsolicited or in reply to a Collateral Request message.
AZ	CollateralResponse	CollateralResponse. Used to respond to a Collateral Assignment message.
BA	CollateralReport	CollateralReport. Used to report collateral status when responding to a Collateral Inquiry message.
BB	CollateralInquiry	CollateralInquiry. Used to inquire for collateral status.
BC	NetworkCounterpartySystemStatus-Request	NetworkCounterpartySystemStatusRequest. This message is send either immediately after logging on to inform a network (counterparty system) of the type of updates required or to at any other time in the FIX conversation to change the nature of the types of status updates required. It can also be used with a NetworkRequestType of Snapshot to request a one-off report of the status of a network (or counterparty) system. Finally this message can also be used to cancel a request to receive updates into the status of the counterparties on a network by sending a NetworkRequestStatusMessage with a NetworkRequestType of StopSubscribing.
BD	NetworkCounterpartySystemStatus-Response	NetworkCounterpartySystemStatusResponse. This message is sent in response to a Network (Counterparty System) Status Request Message.
BE	UserRequest	UserRequest. This message is used to initiate a user action, logon, logout or password change. It can also be used to request a report on a user's status.
BF	UserResponse	UserResponse. This message is used to respond to a user request message, it reports the status of the user after the completion of any action requested in the user request message.
BG	CollateralInquiryAck	CollateralInquiryAck. Used to respond to a Collateral Inquiry in the following situations: <ul style="list-style-type: none"> <li>• When the CollateralInquiry will result in an out of band response (such as a file transfer).</li> <li>• When the inquiry is otherwise valid but no collateral is found to match the criteria specified on the Collateral Inquiry message.</li> <li>• When the Collateral Inquiry is invalid based upon the business rules of the counterparty.</li> </ul>

<b>Code</b>	<b>Name</b>	<b>Description</b>
BH	ConfirmationRequest	ConfirmationRequest. The Confirmation Request message is used to request a Confirmation message.
BO	ContraryIntentionReport	ContraryIntentionReport. The Contrary Intention Report is used for reporting of contrary expiration quantities for Saturday expiring options. This information is required by options exchanges for regulatory purposes.
BP	SecurityDefinitionUpdateReport	SecurityDefinitionUpdateReport. This message is used for reporting updates to a product security master file. Updates could be the result of corporate actions or other business events. Updates may include additions, modifications or deletions.
BK	SecurityListUpdateReport	SecurityListUpdateReport. The Security List Update Report is used for reporting updates to a Contract Security Masterfile. Updates could be due to Corporate Actions or other business events. Update may include additions, modifications and deletions.
BL	AdjustedPositionReport	AdjustedPositionReport. Used to report changes in position, primarily in equity options, due to modifications to the underlying due to corporate actions
BM	AllocationInstructionAlert	AllocationInstructionAlert. This message is used in a 3-party allocation model (buy-side and sell-side using a central clearing entity) where notification of group creation and group updates to counterparties is needed. The message will also carry trade information that comprised the group to the counterparties.
BN	ExecutionAck	ExecutionAck. The Execution Report Acknowledgement message is an optional message that provides dual functionality to notify a trading partner that an electronically received execution has either been accepted or rejected (DK'd).
BJ	TradingSessionList	TradingSessionList. The Trading Session List message is sent as a response to a Trading Session List Request. The Trading Session List should contain the characteristics of the trading session and the current state of the trading session.
BI	TradingSessionListRequest	TradingSessionListRequest. The Trading Session List Request is used to request a list of trading sessions available in a market place and the state of those trading sessions. A successful request will result in a response from the counterparty of a Trading Session List (MsgType=BJ) message that contains a list of zero or more trading sessions.
BQ	SettlementObligationReport	SettlementObligationReport. The Settlement Obligation Report message provides a central counterparty, institution, or individual counterparty with a capacity for reporting the final details of a currency settlement obligation.

<b>Code</b>	<b>Name</b>	<b>Description</b>
BR	DerivativeSecurityListUpdateReport	DerivativeSecurityListUpdateReport. The Derivative Security List Update Report message is used to send updates to an option family or the strikes that comprise an option family.
BS	TradingSessionListUpdateReport	TradingSessionListUpdateReport. The Trading Session List Update Report is used by marketplaces to provide intra-day updates of trading sessions when there are changes to one or more trading sessions.
BT	MarketDefinitionRequest	MarketDefinitionRequest. The Market Definition Request message is used to request for market structure information from the Respondent that receives this request.
BU	MarketDefinition	MarketDefinition. The MarketDefinition(35=BU) message is used to respond to MarketDefinitionRequest(35=BT). In a subscription, it will be used to provide the initial snapshot of the information requested. Subsequent updates are provided by the MarketDefinitionUpdateReport(35=BV).
BV	MarketDefinitionUpdateReport	MarketDefinitionUpdateReport. In a subscription for market structure information, this message is used once the initial snapshot of the information has been sent using the MarketDefinition(35=BU) message.
BW	ApplicationMessageRequest	ApplicationMessageRequest. This message is used to request a retransmission of a set of one or more messages generated by the application specified in RefApplID (1355).
BX	ApplicationMessageRequestAck	ApplicationMessageRequestAck. This message is used to acknowledge an Application Message Request providing a status on the request (i.e. whether successful or not). This message does not provide the actual content of the messages to be resent.
BY	ApplicationMessageReport	ApplicationMessageReport. This message is used for three difference purposes: to reset the ApplSeqNum (1181) of a specified ApplID (1180). to indicate that the last message has been sent for a particular ApplID, or as a keep-alive mechanism for ApplIDs with infrequent message traffic.
BZ	OrderMassActionReport	OrderMassActionReport. The Order Mass Action Report is used to acknowledge an Order Mass Action Request. Note that each affected order that is suspended or released or canceled is acknowledged with a separate Execution Report for each order.
CA	OrderMassActionRequest	OrderMassActionRequest. The Order Mass Action Request message can be used to request the suspension or release of a group of orders that match the criteria specified within the request. This is equivalent to individual Order Cancel Replace Requests for each order with or without adding "S" to the ExecInst values. It can also be used for mass order cancellation.

<b>Code</b>	<b>Name</b>	<b>Description</b>
CB	UserNotification	UserNotification. The User Notification message is used to notify one or more users of an event or information from the sender of the message. This message is usually sent unsolicited from a marketplace (e.g. Exchange, ECN) to a market participant.
CC	StreamAssignmentRequest	StreamAssignmentRequest. In certain markets where market data aggregators fan out to end clients the pricing streams provided by the price makers, the price maker may assign the clients to certain pricing streams that the price maker publishes via the aggregator. An example of this use is in the FX markets where clients may be assigned to different pricing streams based on volume bands and currency pairs.
CD	StreamAssignmentReport	StreamAssignmentReport. The StreamAssignmentReport message is in response to the StreamAssignmentRequest message. It provides information back to the aggregator as to which clients to assign to receive which price stream based on requested CCY pair. This message can be sent unsolicited to the Aggregator from the Price Maker.
CE	StreamAssignmentReportACK	StreamAssignmentReportACK. This message is used to respond to the Stream Assignment Report, to either accept or reject an unsolicited assignment.
CF	PartyDetailsListRequest	PartyDetailsListRequest. The PartyDetailsListRequest is used to request party detail information.
CG	PartyDetailsListReport	PartyDetailsListReport. The PartyDetailsListReport message is used to disseminate party details between counterparties. PartyDetailsListReport messages may be sent in response to a PartyDetailsListRequest message or sent unsolicited.

<b>Code</b>	<b>Name</b>	<b>Description</b>
CH	MarginRequirementInquiry	MarginRequirementInquiry. The purpose of this message is to initiate a margin requirement inquiry for a margin account. The inquiry may be submitted at the detail level or the summary level. It can also be used to inquire margin excess/deficit or net position information. Margin excess/deficit will provide information about the surplus or shortfall compared to the previous trading day or a more recent margin calculation. An inquiry for net position information will trigger one or more PositionReport messages instead of one or more MarginRequirementReport messages. If the inquiry is made at the detail level, an Instrument block must be provided with the desired level of detail. If the inquiry is made at the summary level, the Instrument block is not provided, implying a summary request is being made. For example, if the inquiring firm specifies the Security Type of "FUT" in the Instrument block, then a detail report will be generated containing the margin requirements for all futures positions for the inquiring account. Similarly, if the inquiry is made at the summary level, the report will contain the total margin requirement aggregated to the margin account level.
CI	MarginRequirementInquiryAck	MarginRequirementInquiryAck. Used to respond to a Margin Requirement Inquiry.
CJ	MarginRequirementReport	MarginRequirementReport. The Margin Requirement Report returns information about margin requirement either as an overview across all margin accounts or on a detailed level due to the inquiry making use of the optional Instrument component block. Application sequencing can be used to re-request a range of reports.
CK	PartyDetailsListUpdateReport	PartyDetailsListUpdateReport. The PartyDetailsListUpdateReport(35=CK) is used to disseminate updates to party detail information.
CL	PartyRiskLimitsRequest	PartyRiskLimitsRequest. The PartyRiskLimitsRequest message is used to request for risk information for specific parties, specific party roles or specific instruments.
CM	PartyRiskLimitsReport	PartyRiskLimitsReport. The PartyRiskLimitsReport message is used to communicate party risk limits. The message can either be sent as a response to the PartyRiskLimitsRequest message or can be published unsolicited.
CN	SecurityMassStatusRequest	SecurityMassStatusRequest.
CO	SecurityMassStatus	SecurityMassStatus.



Code	Name	Description
CQ	AccountSummaryReport	AccountSummaryReport. The AccountSummaryReport is provided by the clearinghouse to its clearing members on a daily basis. It contains margin, settlement, collateral and pay/collect data for each clearing member level account type. Clearing member account types will be described through use of the Parties component and PtysSubGrp sub-component. In certain usages, the clearing members can send the AccountSummaryReport message to the clearinghouse as needed. For example, clearing members can send this message to the clearinghouse to identify the value of collateral for each customer (to satisfy CFTC Legally Segregated Operationally Commingled (LSOC) regulatory reporting obligations). Clearing organizations can also send the AccountSummaryReport message to regulators to meet regulatory reporting obligations. For example, clearing organizations can use this message to submit daily reports for each clearing member ("CM") by house origin and by each customer origin for all futures, options, and swaps positions, and all securities positions held in a segregated account or pursuant to a cross margining agreement, to a regulator (e.g. to the CFTC to meet Part 39, Section 39.19 reporting obligations).
CR	PartyRiskLimitsUpdateReport	PartyRiskLimitsUpdateReport. The PartyRiskLimitsUpdateReport(35=CR) is used to convey incremental changes to risk limits. It is similar to the regular report but uses the PartyRiskLimitsUpdateGrp component instead of the PartyRiskLimitsGrp component to include an update action.
CS	PartyRiskLimitsDefinitionRequest	PartyRiskLimitsDefinitionRequest. PartyRiskLimitDefinitionRequest is used for defining new risk limits.
CT	PartyRiskLimitsDefinitionRequestAck	PartyRiskLimitsDefinitionRequestAck. PartyRiskLimitDefinitionRequestAck is used for accepting (with or without changes) or rejecting the definition of risk limits.
CU	PartyEntitlementsRequest	PartyEntitlementsRequest. The PartyEntitlementsRequest message is used to request for entitlement information for one or more party(-ies), specific party role(s), or specific instrument(s).
CV	PartyEntitlementsReport	PartyEntitlementsReport. The PartyEntitlementsReport is used to report entitlements for one or more parties, party role(s), or specific instrument(s).

<b>Code</b>	<b>Name</b>	<b>Description</b>
CW	QuoteAck	QuoteAck. The QuoteAck(35=CW) message is used to acknowledge a Quote(35=S) submittal or request to cancel an individual quote using the QuoteCancel(35=Z) message during a Quote/Negotiation dialog.
CX	PartyDetailsDefinitionRequest	PartyDetailsDefinitionRequest. The PartyDetailsDefinitionRequest(35=CX) is used for defining new parties and modifying or deleting existing parties information, including the relationships between parties. The recipient of the message responds with a PartyDetailsDefinitionRequestAck(35=CY) to indicate whether the request was accepted or rejected.
CY	PartyDetailsDefinitionRequestAck	PartyDetailsDefinitionRequestAck. The PartyDetailsDefinitionRequestAck(35=CY) is used as a response to the PartyDetailsDefinitionRequest(35=CX) message. The request can be accepted (with or without changes) or rejected.
CZ	PartyEntitlementsUpdateReport	PartyEntitlementsUpdateReport. The PartyEntitlementsUpdateReport(35=CZ) is used to convey incremental changes to party entitlements. It is similar to the PartyEntitlementsReport(35=CV). This message uses the PartyEntitlementsUpdateGrp component which includes the ability to specify an update action using ListUpdateAction(1324).
DA	PartyEntitlementsDefinitionRequest	PartyEntitlementsDefinitionRequest. The PartyEntitlementsDefinitionRequest(35=DA) is used for defining new entitlements, and modifying or deleting existing entitlements for the specified party(-ies).
DB	PartyEntitlementsDefinitionRequestAck	PartyEntitlementsDefinitionRequestAck. The PartyEntitlementsDefinitionRequestAck(35=DB) is used as a response to the PartyEntitlementsDefinitionRequest(35=DA) to accept (with or without changes) or reject the definition of party entitlements.
DC	TradeMatchReport	TradeMatchReport. The TradeMatchReport(35=DC) message is used by exchanges and ECN's to report matched trades to central counterparties (CCPs) as an atomic event. The message is used to express the one-to-one, one-to-many and many-to-many matches as well as implied matches in which more complex instruments can match with simpler instruments.
DD	TradeMatchReportAck	TradeMatchReportAck. The TradeMatchReportAck(35=DD) is used to respond to the TradeMatchReport(35=DC) message. It may be used to report on the status of the request (e.g. accepting the request or rejecting the request).

<b>Code</b>	<b>Name</b>	<b>Description</b>
DE	PartyRiskLimitsReportAck	PartyRiskLimitsReportAck. PartyRiskLimitsReportAck is an optional message used as a response to the PartyRiskLimitReport(35=CM) or PartyRiskLimitUpdateReport(35=CR) messages to acknowledge or reject those messages.
DF	PartyRiskLimitCheckRequest	PartyRiskLimitCheckRequest. PartyRiskLimitCheckRequest is used to request for approval of credit or risk limit amount intended to be used by a party in a transaction from another party that holds the information.
DG	PartyRiskLimitCheckRequestAck	PartyRiskLimitCheckRequestAck. PartyRiskLimitCheckRequestAck is used to acknowledge a PartyRiskLimitCheckRequest(35=DF) message and to respond whether the limit check request was approved or not. When used to accept the PartyRiskLimitCheckRequest(35=DF) message the Respondent may also include the limit amount that was approved.
DH	PartyActionRequest	PartyActionRequest. The PartyActionRequest message is used suspend or halt the specified party from further trading activities at the Respondent. The Respondent must respond with a PartyActionReport(35=DI) message.
DI	PartyActionReport	PartyActionReport. Used to respond to the PartyActionRequest(35=DH) message, indicating whether the request has been received, accepted or rejected. Can also be used in an unsolicited manner to report party actions, e.g. reinstatements after a manual intervention out of band.
DJ	MassOrder	MassOrder. The MassOrder(35=DJ) message can be used to add, modify or delete multiple unrelated orders with a single message. Apart from clearing related attributes, only the key order attributes for high performance trading are available.
DK	MassOrderAck	MassOrderAck. The mass order acknowledgement message is used to acknowledge the receipt of and the status for a MassOrder(35=DJ) message.
DL	PositionTransferInstruction	PositionTransferInstruction. The PositionTransferInstruction(35=DL) is sent by clearing firms to CCPs to initiate position transfers, or to accept or decline position transfers.
DM	PositionTransferInstructionAck	PositionTransferInstructionAck. The PositionTransferInstructionAck(35=DM) is sent by CCPs to clearing firms to acknowledge position transfer instructions, and to report errors processing position transfer instructions.

Code	Name	Description
DN	PositionTransferReport	PositionTransferReport. The PositionTransferReport(35=DN) is sent by CCPs to clearing firms indicating of positions that are to be transferred to the clearing firm, or to report on status of the transfer to the clearing firms involved in the transfer process.
DO	MarketDataStatisticsRequest	MarketDataStatisticsRequest. The MarketDataStatisticsRequest(35=DO) is used to request for statistical data. The simple form is to use an identifier (MDStatisticID(2475)) assigned by the market place which would denote a pre-defined statistical report. Alternatively, or also in addition, the request can define a number of parameters for the desired statistical information.
DP	MarketDataStatisticsReport	MarketDataStatisticsReport. The MarketDataStatisticsReport(35=DP) is used to provide unsolicited statistical information or in response to a specific request. Each report contains a set of statistics for a single entity which could be a market, a market segment, a security list or an instrument.
DQ	CollateralReportAck	CollateralReportAck. CollateralReportAck(35=DQ) is used as a response to the CollateralReport(35=BA). It can be used to reject a CollateralReport(35=BA) when the content of the report is invalid based on the business rules of the receiver. The message may also be used to acknowledge receipt of a valid CollateralReport(35=BA).
DR	MarketDataReport	MarketDataReport. The MarketDataReport(35=DR) message is used to provide delimiting references (e.g. start and end markers in a continuous broadcast) and details about the number of market data messages sent in a given distribution cycle.
DS	CrossRequest	CrossRequest. The CrossRequest(35=DS) message is used to indicate the submission of orders or quotes that may result in a crossed trade.
DT	CrossRequestAck	CrossRequestAck. The CrossRequestAck(35=DT) message is used to confirm the receipt of a CrossRequest(35=DS) message.
DU	AllocationInstructionAlertRequest	AllocationInstructionAlertRequest. This message is used in a clearinghouse 3-party allocation model to request for AllocationInstructionAlert(35=BM) from the clearinghouse. The request may be used to obtain a one-time notification of the status of an allocation group.

Code	Name	Description
DV	AllocationInstructionAlertRequestAck	AllocationInstructionAlertRequestAck. This message is used in a clearinghouse 3-party allocation model to acknowledge a AllocationInstructionAlertRequest(35=DU) message for an AllocationInstructionAlert(35=BM) message from the clearinghouse.
DW	TradeAggregationRequest	TradeAggregationRequest. TradeAggregationRequest(35=DW) is used to request that the identified trades between the initiator and respondent be aggregated together for further processing.
DX	TradeAggregationReport	TradeAggregationReport. TradeAggregationReport(35=DX) is used to respond to the TradeAggregationRequest(35=DW) message. It provides the status of the request (e.g. accepted or rejected) and may also provide additional information supplied by the respondent.
EA	PayManagementReport	PayManagementReport. PayManagementReport(35=EA) may be used to respond to the PayManagementRequest(35=DY) message. It provides the status of the request (e.g. accepted, disputed) and may provide additional information related to the request. PayManagementReport(35=EA) may also be sent unsolicited by the broker to a client. In which case the client may acknowledge and resolve disputes out-of-band or with a simple PayManagementReportAck(35=EB). PayManagementReport(35=EA) may also be sent unsolicited to report the progress status of the payment itself with PayReportTransType(2804)=2 (Status).
EB	PayManagementReportAck	PayManagementReportAck. PayManagementReportAck(35=EB) is used as a response to the PayManagementReport(35=EA) message. It may be used to accept, reject or dispute the details of the PayManagementReport(35=EA) depending on the business rules of the receiver. This message may also be used to acknowledge the receipt of a PayManagementReport(35=EA) message.
DY	PayManagementRequest	PayManagementRequest. PayManagementRequest(35=DY) message is used to communicate a future or expected payment to be made or received related to a trade or contract after its settlement.
DZ	PayManagementRequestAck	PayManagementRequestAck. PayManagementRequestAck(35=DZ) is used to acknowledge the receipt of the PayManagementRequest(35=DY) message (i.e. a technical acknowledgement of receipt). Acceptance or rejection of the request is reported in the corresponding PayManagementReport(35=EA).

Code	Name	Description
EC	SettlementStatusRequest	SettlementStatusRequest. SettlementStatusRequest(35=EC) is used to request for the settlement status of a trade.
ED	SettlementStatusRequestAck	SettlementStatusRequestAck. SettlementStatusRequestAck(35=ED) is used to respond to the SettlementStatusRequest(35=EC) to acknowledge the request and provide status for the request message.
EE	SettlementStatusReport	SettlementStatusReport. SettlementStatusReport(35=EE) is a response to the SettlementStatusRequest(35=EC) to provide settlement status for the requested trade. It may also be sent unsolicited without an explicit request message by the party able to provide the settlement status for the trade identified in the report message.
EF	SettlementStatusReportAck	SettlementStatusReportAck. SettlementStatusReportAck(35=EF) is used to respond to the SettlementStatusReport(35=EE) to acknowledge or reject the report.

Used in components: [StandardHeader](#)

### 170.2.2905 MsgTypeGrp

Name	Mult.	Type	Description
NoMsgTypes	[1..1]	NumInGroup	Specifies the number of repeating RefMsgTypes specified
RefMsgType	[0..1]	CodeSet	Specifies a specific, supported MsgType. Required if NoMsgTypes is > 0. Should be specified from the point of view of the sender of the Logon message
MsgDirection	[0..1]	CodeSet	Indicates direction (send vs. receive) of a supported MsgType. Required if NoMsgTypes is > 0. Should be specified from the point of view of the sender of the Logon message
RefAppVerID	[0..1]	CodeSet	Specifies the service pack release being applied to an application message.
RefAppExtID	[0..1]	int	Specified the extension pack being applied to a message.
RefCstmAppVerID	[0..1]	String	Specifies a custom extension to a message being applied at the session level.

Name	Mult.	Type	Description
DefaultVerIndicator	[0..1]	Boolean	Indicates that this Application Version (RefAppVerID(1130), RefAppExtID(1406),RefCstmAppVerID(1131)) is the default for the RefMsgType(372) field.

Used in messages: [Logon](#)

### 170.2.2906 MthToDefault

The Mth reference obligation to default in a CDS reference basket. When NthToDefault(1942) and MthToDefault(1943) are represented then the CDS payout occurs between the Nth and Mth obligations to default.

Type: [int](#)

Used in components: [Instrument](#)

### 170.2.2907 MultiAssetSwapIndicator

Indicates a swap that does not have one easily identifiable primary underlying asset, but instead involves multiple underlying assets within one trade repository's jurisdiction that belong to different asset classes.

Type: [Boolean](#)

Used in messages: [TradeCaptureReport](#)

### 170.2.2908 MultiJurisdictionReportingIndicator

Indicate whether a trade is eligible to be reported to more than one regulatory jurisdictions, e.g. due to overlapping reporting rules that require reporting to different jurisdictions.

Type: [int](#)

Allowed values in MultiJurisdictionReportingIndicatorCodeSet:

Code	Name	Description
0	NotMultiJrsdctnEligible	Trade not eligible for multi-jurisdiction reporting

Code	Name	Description
1	MultiJrsdctnEligible	Trade eligible for multi-jurisdiction reporting

Used in groups: [MDFullGrp](#), [MDIncGrp](#)

Used in messages: [TradeCaptureReport](#)

### 170.2.2909 MultilegModel

Specifies the type of multileg order. Defines whether the security is pre-defined or user-defined. Note that MultilegModel(1377)=2(User-defined, Non-Securitized, Multileg) does not apply for Securities.

Type: [int](#)

Allowed values in MultilegModelCodeSet:

Code	Name	Description
0	PredefinedMultilegSecurity	Predefined Multileg Security
1	UserDefinedMultilegSecurity	User-defined Multileg Security
2	UserDefined	User-defined, Non-Securitized, Multileg

Used in components: [BaseTradingRules](#)

Used in messages: [MultilegOrderCancelReplace](#), [NewOrderMultileg](#)

### 170.2.2910 MultilegPriceMethod

Code to represent how the multileg price is to be interpreted when applied to the legs.

(See Volume : "Glossary" for further value definitions)

Type: [int](#)

Allowed values in MultilegPriceMethodCodeSet:

Code	Name	Description
0	NetPrice	Net Price
1	ReversedNetPrice	Reversed Net Price
2	YieldDifference	Yield Difference



Code	Name	Description
3	Individual	Individual
4	ContractWeightedAveragePrice	Contract Weighted Average Price
5	MultipliedPrice	Multiplied Price

Used in components: [BaseTradingRules](#)

Used in messages: [MultilegOrderCancelReplace](#), [NewOrderMultileg](#)

### 170.2.2911 MultiLegReportingType

Used to indicate how the multi-legged security (e.g. option strategies, spreads, etc.) is being reported.

Type: [char](#)

Allowed values in MultiLegReportingTypeCodeSet:

Code	Name	Description
1	SingleSecurity	Single security (default if not specified)
2	IndividualLegOfAMultiLegSecurity	Individual leg of a multi-leg security
3	MultiLegSecurity	Multi-leg security

Used in messages: [AllocationInstruction](#), [AllocationInstructionAlert](#), [AllocationReport](#), [ExecutionReport](#), [TradeCaptureReport](#), [TradeCaptureReportAck](#), [TradeCaptureReportRequest](#), [TradeCaptureReportRequestAck](#), [TradeMatchReport](#)

### 170.2.2912 MultiLegRptTypeReq

Indicates the method of execution reporting requested by issuer of the order.

Type: [int](#)

Allowed values in MultiLegRptTypeReqCodeSet:

Code	Name	Description
0	ReportByMultilegSecurityOnly	Report by multileg security only (do not report legs)
1	ReportByMultilegSecurityAndInstrumentLegs	Report by multileg security and by instrument legs belonging to the multileg security

---

Code	Name	Description
2	ReportByInstrumentLegsOnly	Report by instrument legs belonging to the multileg security only (do not report status of multileg security)

---

Used in messages: [MultilegOrderCancelReplace](#), [NewOrderMultileg](#)

### 170.2.2913 NBBOEntryType

Type of NBBO information.

Type: [int](#)

Allowed values in NBBOEntryTypeCodeSet:

---

Code	Name	Description
0	Bid	Bid. May apply to price or quantity.
1	Offer	Offer. May apply to price or quantity.
2	MidPrice	Mid-price

---

Used in groups: [TrdRegTimestamps](#)

### 170.2.2914 NBBOPrice

Price related to NBBO. NBBOEntryType(2831) may be used to indicate entry type, e.g. bid or offer.

Type: [Price](#)

Used in groups: [TrdRegTimestamps](#)

### 170.2.2915 NBBOQty

Quantity related to NBBO. NBBOEntryType(2831) may be used to indicate entry type, e.g. bid or offer.

Type: [Qty](#)

Used in groups: [TrdRegTimestamps](#)

**170.2.2916 NBBOSource**

Source of NBBO information.

Type: **int**

Allowed values in NBBOSourceCodeSet:

Code	Name	Description
0	NotApplicable	Not applicable. Default if not specified. NBBO information is not applicable. NBBOEntryType(2831), NBBOPrice(2832), and NBBOQty(2833) must be omitted.
1	Direct	Direct. Information is retrieved directly from an exchange or other electronic execution venue. There may be a performance advantage compared to retrieving the information from a source consolidating multiple feeds.
2	SIP	Securities Information Processor. The Securities Information Processor (SIP) links the U.S. markets by processing and consolidating all protected bid/ask quotes and trades from every trading venue into a single, easily consumed data feed.
3	Hybrid	Hybrid. A combination of two or more data feeds is used as NBBO source. In the context of US CAT this is used for a combination of direct and SIP feeds.

Used in groups: **TrdRegTimestamps**

**170.2.2917 NegotiationMethod**

Specifies the negotiation method to be used.

Type: **int**

Allowed values in NegotiationMethodCodeSet:

Code	Name	Description
0	AutoSpot	Auto spot. The spot price for the reference or benchmark security is provided automatically.
1	NegotiatedSpot	Negotiated spot. The spot price for the reference or benchmark security is to be negotiated.

Code	Name	Description
2	PhoneSpot	The spot price for the reference or benchmark security is to be negotiated via phone or voice. The spot price for the reference of benchmark security is to be negotiated via phone or voice.

Used in groups: [QuotReqGrp](#), [QuotReqRjctGrp](#)

Used in messages: [Quote](#), [QuoteResponse](#), [QuoteStatusReport](#)

### 170.2.2918 Nested2PartyID

PartyID value within a "second instance" Nested repeating group.

Same values as PartyID (448)

Type: [String](#)

Used in groups: [NestedParties2](#)

### 170.2.2919 Nested2PartyIDSource

PartyIDSource value within a "second instance" Nested repeating group.

Same values as PartyIDSource (447)

Type: [char](#)

Allowed values in PartyIDSourceCodeSet:

Code	Name	Description
1	KoreanInvestorID	Korean Investor ID
6	UKNationalInsuranceOrPension-Number	UK National Insurance or Pension Number
B	BIC	BIC (Bank Identification Code - SWIFT managed) code (ISO9362 - See "Appendix 6-B")
I	ISITCAcronym	Directed broker three character acronym as defined in ISITC "ETC Best Practice" guidelines document
2	TaiwaneseForeignInvestorID	Taiwanese Qualified Foreign Investor ID QFII/FID
7	USSocialSecurityNumber	US Social Security Number
C	GeneralIdentifier	Generally accepted market participant identifier (e.g. NASD mnemonic)

Code	Name	Description
3	TaiwaneseTradingAcct	Taiwanese Trading Acct
8	USEmployerOrTaxIDNumber	US Employer or Tax ID Number
D	Proprietary	Proprietary / Custom code. Custom ID schema used between counterparties, trading platforms and repositories.
4	MalaysianCentralDepository	Malaysian Central Depository (MCD) number
9	AustralianBusinessNumber	Australian Business Number
E	ISOCountryCode	ISO Country Code
5	ChineseInvestorID	Chinese Investor ID
A	AustralianTaxFileNumber	Australian Tax File Number
F	SettlementEntityLocation	Settlement Entity Location (note if Local Market Settlement use "E=ISO Country Code") (see "Appendix 6-G" for valid values)
G	MIC	Market Identifier Code (ISO 10383) MIC
J	TaxID	Tax ID
H	CSDParticipant	CSD participant/member code (e.g. Euroclear, DTC, CREST or Kassenverein number)
K	AustralianCompanyNumber	Australian Company Number
L	AustralianRegisteredBodyNumber	Australian Registered Body Number
M	CFTCReportingFirmIdentifier	CFTC reporting firm identifier
N	LegalEntityIdentifier	Legal Entity Identifier (ISO 17442) LEI
O	InterimIdentifier	Interim identifier. An interim entity identifier assigned by a regulatory agency prior to an LEI (ISO 17442) being assigned.
P	ShortCodeIdentifier	Short code identifier. A generic means for trading venues, brokers, investment managers to convey a bilaterally agreed upon "short hand" code for an identifier that is a reference to a mapping between the parties.
Q	NationalIDNaturalPerson	National ID of natural person. An identification number generally assigned by a government authority or agency to a natural person which is unique to the person it is assigned to. Examples include, but not limited to, "social security number", "pension number".
R	IndiaPermanentAccountNumber	India Permanent Account Number. Also referred to as PAN ID. An identifier issued by the Income Tax Department of India.
S	FDID	Firm designated identifier. Also referred to as FDID. A unique identifier required by the SEC for each trading account designated by Industry Members for purposes of reporting to CAT (Consolidated Audit Trail).

Code	Name	Description
T	SPSAID	Special Segregated Account ID. Also referred to as SPSA ID. The Special Segregated Account identifier issued by Hong Kong Exchanges and Clearing.
U	MasterSPSAID	Master Special Segregated Account ID. Also referred to as Master SPSA ID. The master identifier issued by Hong Kong Exchanges and Clearing for the aggregation of SPSA IDs.

Used in groups: [NestedParties2](#)

### 170.2.2920 Nested2PartyRole

PartyRole value within a "second instance" Nested repeating group.

Same values as PartyRole (452)

Type: [int](#)

Allowed values in PartyRoleCodeSet:

Code	Name	Description
1	ExecutingFirm	Executing Firm (formerly FIX 4.2 ExecBroker)
2	BrokerOfCredit	Broker of Credit (formerly FIX 4.2 BrokerOfCredit)
3	ClientID	Client ID (formerly FIX 4.2 ClientID)
4	ClearingFirm	Clearing Firm (formerly FIX 4.2 ClearingFirm)
5	InvestorID	Investor ID
6	IntroducingFirm	Introducing Firm
7	EnteringFirm	Entering Firm
8	Locate	Locate / Lending Firm (for short-sales)
9	FundManagerClientID	Fund Manager Client ID (for CIV)
10	SettlementLocation	Settlement Location (formerly FIX 4.2 SettlLocation)
11	OrderOriginationTrader	Order Origination Trader (associated with Order Origination Firm - i.e. trader who initiates/submits the order)
12	ExecutingTrader	Executing Trader (associated with Executing Firm - actually executes)
13	OrderOriginationFirm	Order Origination Firm (e.g. buy-side firm)
14	GiveupClearingFirmDepr	Giveup Clearing Firm (firm to which trade is given up)
15	CorrespondantClearingFirm	Correspondant Clearing Firm

<b>Code</b>	<b>Name</b>	<b>Description</b>
16	ExecutingSystem	Executing System
17	ContraFirm	Contra Firm
18	ContraClearingFirm	Contra Clearing Firm
19	SponsoringFirm	Sponsoring Firm
20	UnderlyingContraFirm	Underlying Contra Firm
21	ClearingOrganization	Clearing Organization
22	Exchange	Exchange. Identify using PartyIDSource(tag 447) = G (Market Identifier Code) if the MIC exists.
24	CustomerAccount	Customer Account
25	CorrespondentClearingOrganization	Correspondent Clearing Organization
26	CorrespondentBroker	Correspondent Broker
27	Buyer	Buyer/Seller (Receiver/Deliverer)
28	Custodian	Custodian
29	Intermediary	Intermediary
30	Agent	Agent
31	SubCustodian	Sub-custodian
32	Beneficiary	Beneficiary
33	InterestedParty	Interested party
34	RegulatoryBody	Regulatory body. In the context of regulatory reporting, this identifies the regulator the trade is being reported to.
35	LiquidityProvider	Liquidity provider
36	EnteringTrader	Entering trader
37	ContraTrader	Contra trader
38	PositionAccount	Position account. The account which positions are maintained. Typically represents the aggregation of one or more customer accounts.
39	ContraInvestorID	Contra Investor ID
40	TransferToFirm	Transfer to Firm
41	ContraPositionAccount	Contra Position Account
42	ContraExchange	Contra Exchange
43	InternalCarryAccount	Internal Carry Account
44	OrderEntryOperatorID	Order Entry Operator ID
45	SecondaryAccountNumber	Secondary Account Number
46	ForeignFirm	Foreign Firm
47	ThirdPartyAllocationFirm	Third Party Allocation Firm

<b>Code</b>	<b>Name</b>	<b>Description</b>
48	ClaimingAccount	Claiming Account
49	AssetManager	Asset Manager
50	PledgorAccount	Pledgor Account
51	PledgeeAccount	Pledgee Account
52	LargeTraderReportableAccount	Large Trader Reportable Account
53	TraderMnemonic	Trader mnemonic
54	SenderLocation	Sender Location
55	SessionID	Session ID
56	AcceptableCounterparty	Acceptable Counterparty
57	UnacceptableCounterparty	Unacceptable Counterparty
58	EnteringUnit	Entering Unit
59	ExecutingUnit	Executing Unit
60	IntroducingBroker	Introducing Broker
61	QuoteOriginator	Quote originator
62	ReportOriginator	Report originator
63	SystematicInternaliser	Systematic internaliser (SI)
64	MultilateralTradingFacility	Multilateral Trading Facility (MTF). Identify using PartyIDSource(tag 447) = G (Market Identifier Code) if the MIC exists.
65	RegulatedMarket	Regulated Market (RM). Identify using PartyIDSource(tag 447) = G (Market Identifier Code) if the MIC exists.
66	MarketMaker	Market Maker
67	InvestmentFirm	Investment Firm
68	HostCompetentAuthority	Host Competent Authority (Host CA)
69	HomeCompetentAuthority	Home Competent Authority (Home CA)
70	CompetentAuthorityLiquidity	Competent Authority of the most relevant market in terms of liquidity (CAL)
71	CompetentAuthorityTransactionVenue	Competent Authority of the Transaction (Execution) Venue (CATV)
72	ReportingIntermediary	Reporting intermediary. The medium or vendor used to report to a regulator, non-regulatory agency or data repository.
73	ExecutionVenue	Execution Venue. Identify using PartyIDSource(tag 447) = G (Market Identifier Code) if the MIC exists.
74	MarketDataEntryOriginator	Market data entry originator
75	LocationID	Location ID
76	DeskID	Desk ID



<b>Code</b>	<b>Name</b>	<b>Description</b>
77	MarketDataMarket	Market data market
78	AllocationEntity	Allocation Entity
79	PrimeBroker	Prime Broker providing General Trade Services
80	StepOutFirm	Step-Out Firm (Prime Broker)
81	BrokerClearingID	Broker clearing identifier
82	CentralRegistrationDepository	Central Registration Depository (CRD)
83	ClearingAccount	Clearing Account
84	AcceptableSettlingCounterparty	Acceptable Settling Counterparty
85	UnacceptableSettlingCounterparty	Unacceptable Settling Counterparty
86	CLSMemberBank	CLS Member Bank
87	InConcertGroup	In Concert Group
88	InConcertControllingEntity	In Concert Controlling Entity
89	LargePositionsReportingAccount	Large Positions Reporting Account
90	SettlementFirm	Settlement Firm
91	SettlementAccount	Settlement account. The account to which individual payment obligations are aggregated for netting and funds movement. Typically represents the aggregation of many margin (performance bond) accounts.
92	ReportingMarketCenter	Reporting Market Center
93	RelatedReportingMarketCenter	Related Reporting Market Center
94	AwayMarket	Away Market. Identify using PartyIDSource(tag 447) = G (Market Identifier Code) if the MIC exists.
95	GiveupTradingFirm	Give-up (trading) firm
96	TakeupTradingFirm	Take-up (trading) firm
97	GiveupClearingFirm	Give-up clearing firm
98	TakeupClearingFirm	Take-up clearing firm
99	OriginatingMarket	Originating Market. Identifies the Market using PartyIDSource(tag 447) = G (Market Identifier Code) where an order originated in the event that the order is sent to an alternative market for execution. Serves as an inverse of an away market.
100	MarginAccount	Margin account. Also referred to as "performance bond account". The margin account is the calculated margin requirements. Typically represents the aggregation of one or more position accounts.

Code	Name	Description
101	CollateralAssetAccount	Collateral asset account. The account at which individual collateral assets are maintained. Typically, although not always, one-for-one with the settlement account.
102	DataRepository	Data repository. Multiple instances of this PartyRole may appear for reporting purposes.
103	CalculationAgent	Calculation agent
104	ExerciseNoticeSender	Sender of exercise notice
105	ExerciseNoticeReceiver	Receiver of exercise notice
106	RateReferenceBank	Rate reference bank. The bank providing the reference rate. Multiple instance of this PartyRole may appear.
107	Correspondent	Correspondent
109	BeneficiaryBank	Beneficiary's bank or depository institution. The institution in which the beneficiary, a person or an entity, has their account with. The institution may be a bank or non-bank institution.
110	Borrower	Borrower
111	PrimaryObligator	Primary obligator
112	Guarantor	Guarantor
113	ExcludedReferenceEntity	Excluded reference entity
114	DeterminingParty	Determining party
115	HedgingParty	Hedging party
116	ReportingEntity	Reporting entity. The entity that is reporting the information.
117	SalesPerson	Sales person. The person who is involved in the sales activities for their firm.
118	Operator	Operator. The person who has the capabilities and authorization to take certain actions; for example, setting entitlements, etc.
119	CSD	Central Securities Depository (CSD)
120	ICSD	International Central Securities Depository (ICSD)
121	TradingSubAccount	Trading sub-account. Example of sub-accounts include a clearing account that has multiple trading sub-accounts, a trading account that has multiple trading sub-accounts belonging to different trading firms.
122	InvestmentDecisionMaker	Investment decision maker. In the context of ESMA RTS reporting, this is used to specify party responsible for the investment decision. See RTS 24, Annex, Table 2, Field 4.
123	PublishingIntermediary	Publishing intermediary. The medium or vendor used to publish to the market.

Code	Name	Description
124	CSDParticipant	Central Securities Depository (CSD) Participant. In the context of EU SFTR reporting the identifier of the CSD participant or indirect participant of the reporting counterparty. Where both the CSD participant and indirect participant are involved in the transaction this should identify the indirect participant.
125	Issuer	Issuer. The issuer of the security.
126	ContraCustomerAccount	Contra Customer Account. Same as PartyRole(452) = 24 (Customer Account) but for the counterparty. Can be used whenever the parties component is not nested in a repeating group representing both sides.
127	ContraInvestmentDecisionMaker	Contra Investment Decision Maker. Same as PartyRole(452) = 122 (Investment Decision Maker) but for the counterparty. Can be used whenever the parties component is not nested in a repeating group representing both sides.

Used in groups: [NestedParties2](#)

### 170.2.2921 Nested2PartyRoleQualifier

Used to further qualify the value of Nested2PartyRole(759).

Type: [int](#)

Allowed values in PartyDetailRoleQualifierCodeSet:

Code	Name	Description
0	Agency	Agency
1	Principal	Principal
2	RisklessPrincipal	Riskless principal
3	GeneralClearingMember	General clearing member
30	ExchangeOrderSubmitter	Exchange order submitter. Used to identify original or initial exchange order submitting broker when party role "1" (Executing Firm) appears more than once.
4	IndividualClearingMember	Individual clearing member
5	PreferredMarketMaker	Preferred market maker. Market maker getting a part of the matched quantity before primary or default market maker.
6	DirectedMarketMaker	Directed market maker. Single market maker to handle the order provided.

<b>Code</b>	<b>Name</b>	<b>Description</b>
7	Bank	Bank
8	Hub	Hub. Indicates that the Intermediary party is a hub system or service provider.
9	PrimaryTrdRepository	Primary trade repository. Used to differentiate the principal trade repository from the Original or Additional trade repositories when there are multiple trade repositories being reported.
10	OrigTrdRepository	Original trade repository. Used to identify the trade repository to which the trade was originally reported if different from the current repository to which the trade is being reported.
11	AddtnIntlTrdRepository	Additional international trade repository. Used with InternationalSwapIndicator(2526) to identify the trade repository that is in addition to the local swaps data repository as required by U.S. law.
12	AddtnlDomesticTrdRepository	Additional domestic trade repository. Used with MixedSwapIndicator(1929) to identify the trade repository that is in addition to the current trade repository when the assets in the swap are subject to two different domestic regulators.
13	RelatedExchange	Related exchange
14	OptionsExchange	Options exchange
15	SpecifiedExchange	Specified exchange
16	ConstituentExchange	Constituent exchange.
17	ExemptFromTradeReporting	Exempt from trade reporting. In the context of FINRA TRACE reporting requirements, this is used to indicate the ATS has been granted a regulatory exemption from reporting.
18	Current	Current. Can be used to convey an existing party identifier for the same party role in a single message.
19	New	New. Can be used to convey a future party identifier for the same party role in a single message.
20	DesignatedSponsor	Designated sponsor. Market maker jointly providing liquidity for the same security with other market makers.
21	Specialist	Specialist. Market maker being the only one providing liquidity for a security.
22	Algorithm	Algorithm
23	FirmOrLegalEntity	Firm or legal entity
24	NaturalPerson	Natural person
25	RegularTrader	Regular trader. Standard trader profile.
26	HeadTrader	Head trader. Senior trader leading a group of regular traders.

Code	Name	Description
27	Supervisor	Supervisor. Administrative user that has only limited rights for normal trading but possibly special rights for emergency actions.
28	TriParty	Tri-party. In the context of EU SFTR reporting, identifies the third party, not necessarily the custodian, to which the reporting counterparty has outsourced the post-trade processing of an SFT (if applicable).
29	Lender	Lender. In the context of EU SFTR reporting, identifies the agent lender involved in the securities lending transaction.

Used in groups: [NestedParties2](#)

### 170.2.2922 Nested2PartySubID

PartySubID value within a "second instance" Nested repeating group.

Same values as PartySubID (523)

Type: [String](#)

Used in groups: [NstdPtys2SubGrp](#)

### 170.2.2923 Nested2PartySubIDType

Type of Nested2PartySubID (760) value. Second instance of <NestedParties>.

Same values as PartySubIDType (803)

Type: [int](#)

Allowed values in PartySubIDTypeCodeSet:

Code	Name	Description
1	Firm	Firm
2	Person	Person
3	System	System
4	Application	Application
5	FullLegalNameOfFirm	Full legal name of firm
6	PostalAddress	Postal address

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<b>Code</b>	<b>Name</b>	<b>Description</b>
7	PhoneNumber	Phone number
8	EmailAddress	Email address
9	ContactName	Contact name
10	SecuritiesAccountNumber	Securities account number (for settlement instructions)
11	RegistrationNumber	Registration number (for settlement instructions and confirmations)
12	RegisteredAddressForConfirmation	Registered address (for confirmation purposes)
13	RegulatoryStatus	Regulatory status (for confirmation purposes)
14	RegistrationName	Registration name (for settlement instructions)
15	CashAccountNumber	Cash account number (for settlement instructions)
16	BIC	BIC
17	CSDParticipantMemberCode	CSD participant member code
18	RegisteredAddress	Registered address
19	FundAccountName	Fund account name
20	TelexNumber	Telex number
21	FaxNumber	Fax number
22	SecuritiesAccountName	Securities account name
23	CashAccountName	Cash account name
24	Department	Department
25	LocationDesk	Location desk
26	PositionAccountType	Position account type
27	SecurityLocateID	Security locate ID
28	MarketMaker	Market maker
29	EligibleCounterparty	Eligible counterparty
30	ProfessionalClient	Professional client
31	Location	Location
32	ExecutionVenue	Execution venue
33	CurrencyDeliveryIdentifier	Currency delivery identifier
34	AddressCity	Address City
35	AddressStateOrProvince	Address State/Province
36	AddressPostalCode	Address Postal Code
37	AddressStreet	Address Street
38	AddressISOCountryCode	Address Country (ISO country code)
39	ISOCountryCode	ISO country code

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Code	Name	Description
40	MarketSegment	Market segment
41	CustomerAccountType	Customer account type
42	OmnibusAccount	Omnibus account
43	FundsSegregationType	Funds segregation type
44	GuaranteeFund	Guarantee fund. Identifies a guarantee fund related to an account. Used when one account has multiple funds of collateral, each guaranteeing different positions. Can be used for PartyRole(452) = Customer Account(24).
45	SwapDealer	Swap dealer. The US regulator's defined term for identifying the trade counterparty as "any person who holds itself out as a dealer in swaps, makes a market in swaps, regularly enters into swaps with counterparties as an ordinary course of business for its own account, or engages in activity causing itself to be commonly known in the trade as a dealer or market maker in swaps".
46	MajorParticipant	Major participant. When PartySubID(523)=Y the counterparty is not the swap dealer but is a major swap participant as defined in the regulations.
47	FinancialEntity	Financial entity. When PartySubID(523)=Y the counterparty is neither a swap dealer nor a major swap participant but is a financial entity as defined in the regulations.
48	USPerson	U.S. person. A legal term referring to any U.S. person or legal entity anywhere in the world that should be taxed under U.S. law.
49	ReportingEntityIndicator	Reporting entity indicator. Indicates the entity obligated or delegated to report to their regulator, a non-regulatory agency or data repository. Set PartySubID(523)=Y if true.
50	ElectedClearingRequirementException	Elected clearing requirement exception
51	BusinessCenter	Business center.
52	ReferenceText	Reference text
53	ShortMarkingExemptAccount	Short-marking exempt account
54	ParentFirmIdentifier	Parent firm identifier. Implementation-specific identifier of this party's parent entity.
55	ParentFirmName	Parent firm name. Full name of this party's parent entity.
56	DealIdentifier	Deal identifier. The internal identifier assigned to the trade by this party, particularly by a Clearing Organization.
57	SystemTradeID	System trade identifier
58	SystemTradeSubID	System trade sub-identifier

Code	Name	Description
59	FCMCode	Futures Commission Merchant (FCM) code. The FCM's code or identifier in relation to the PartyRole(452). For example, if PartyRole(452) is the exchange or clearinghouse, the FCM code/ID specified in PartySubID(523) is the FCM's identifier at the exchange or clearinghouse.
60	DlvryTrmlCode	Delivery terminal customer account/code. Usually used for gas delivery to identify whose account the gas is allocated to at the delivery terminal. Often referred to as "HUB" code.
61	VolntyRptEntity	Voluntary reporting entity. The entity voluntarily reporting the trade to the regulator. Set PartySubID(523)=Y if true.
62	RptObligJursdctn	Reporting obligation jurisdiction. For a trade that falls under multiple jurisdictions this may be used to identify, through PartySubID(523), the reporting jurisdiction to which the party is obligated to report.
63	VolntyRptJursdctn	Voluntary reporting jurisdiction. For a trade that falls under multiple jurisdictions this may be used to identify, through PartySubID(523), the regulatory jurisdiction to which the party is submitting a voluntary report.
64	CompanyActivities	Company activities. For regulatory reporting. ID values include: A = Assurance undertaking authorized in accordance with Directive 2002/83/EC C=Credit institution authorized in accordance with Directive 2006/48/EC F=Investment firm in accordance with Directive 2004/39/EC I=Insurance undertaking authorized in accordance with Directive 73/239/EC L=Alternative investment fund managed by AIFMs authorized or registered in accordance with Directive 2011/61/EC O=Institution for occupational retirement provision within the meaning of Article 6(a0 of Directive 2003/41/EC R=Reinsurance undertaking authorized in accordance with Directive 2005/68/EC U=UCITS and its management company, authorized in accordance with Directive 2009/65/EC or blank in case of coverage by LEI or in case of non-financial counterparties. In the context of EU SFTR reporting use the appropriate 4- or 1-character code noted in the regulations. See SFTR ITS "Commission Implementing Regulation (EU) 2019/363" Annexes 1 and 2 for values.
65	EEAreaDomiciled	European Economic Area domiciled. ID values: Y or N
66	ContractLinked	Contract linked to commercial or treasury financing for this counterparty. ID values: Y or N
67	ContractAbove	Contract above clearing threshold for this counterparty. ID values: Y or N



<b>Code</b>	<b>Name</b>	<b>Description</b>
68	VolntyRptPty	Voluntary reporting party. When PartySubID(523)=Y, identifies that the trading party is reporting voluntarily when VoluntaryRegulatoryReport(1935)=Y.
69	EndUser	End user. When PartySubID(523)=Y, the counterparty is neither the swap dealer, major swap participant nor financial entity as defined in the regulations.
70	LocationOrJurisdiction	Location or jurisdiction. One or more instances may be used in combination with PartySubIDType(803) = 49 (Reporting entity indicator) or 102 (Data repository) to identify the jurisdiction, countries, regions or provinces for which the party is a reporting entity or data repository when that characteristic is ambiguous or where there are multiple locations. The party sub-ID value is either a jurisdiction acronym, a 2-character ISO 3166 country code, or a hyphenated combination of the country code and the standard post-office abbreviation for province, state or region if necessary. E.g. "US" for United States or "CA-QC" for Quebec Canada.
71	DerivativesDealer	Derivatives dealer. Indicates whether the party is a derivatives dealer or not (Y/N). The Canadian regulator's defined term for identifying the trade counterparty as "a person or company engaging in or holding himself, herself or itself out as engaging in the business of trading in derivatives in Ontario as principal or agent".
72	Domicile	Domicile. Country and optionally province, state or region of domicile. The party sub-ID value is either a 2-character ISO 3166 country code or a hyphenated combination of the country code and the standard post-office abbreviation of province, state or region if necessary. E.g. "US" for United States or "CA-QC" for Quebec Canada.
73	ExemptFromRecognition	Exempt from recognition. Used with party role 21 "Clearing Organization" to indicate exemption (Y/N). Identifies a clearing agency as exempt from oversight in Ontario, i.e. one that 1) only provides limited services and does not present significant risks or 2) is foreign-based, intends to operate in Ontario but is subject to regulatory oversight in another jurisdiction.
74	Payer	Payer. Identifies the party as the payer of a particular payment stream or bullet payment by quoting the stream's StreamDesc(40051) (or LegStreamDesc(40243) or UnderlyingStreamDesc(40542)) or payment's PaymentDesc(43087) in the associated party sub-identifier field.

Code	Name	Description
75	Receiver	Receiver. Identifies the party as the receiver of a particular payment stream or bullet payment by quoting the stream's StreamDesc(40051) (or LegStreamDesc(40243) or UnderlyingStreamDesc(40542)) or payment's PaymentDesc(43087) in the associated party sub-identifier field.
76	SystematicInternaliser	Systematic Internaliser (SI). In the context of ESMA reporting, this is used to indicate whether the specified party is a Systematic Internaliser or not for the security defined in the Instrument component (Y/N).
77	PublishingEntityIndicator	Publishing entity indicator. Indicates the entity obligated or delegated to publish to the market. Set PartySubID(523)=Y if true.
78	FirstName	First name. The first name(s) of a natural person. If multiple names, separate entries by a comma.
79	Surname	Surname. The surname(s) or lastname(s) of a natural person. If multiple names, separate entries by a comma.
80	DateOfBirth	Date of birth. The date of birth of a natural person in the format YYYYMMDD.
81	OrderTransmittingFirm	Order transmitting firm. Identifies whether the party specified in PartyID(448) is the firm that transmitted the order. In the context of RTS 22 Article 4, when "true" the PartySubID(523)=Y shall be set "by the transmitting firm within the transmitting firm's report where conditions for transmission specified in Article 4 were not satisfied."
82	OrderTransmittingFirmBuyer	Order transmitting firm for buyer. Identifies the firm that transmitted the order for the buyer. In the context of ESMA RTS 22, PartySubID(523)=Y is used to indicate the firm identified in PartyID(448) is the firm that transmitted the order for the buyer. "This shall be populated by the receiving firm within the receiving firm's report with the identification code provided by the transmitting firm."
83	OrderTransmitterSeller	Order transmitter for seller. Identifies the order transmitting firm for the seller. In the context of ESMA RTS 22, PartySubID(523)=Y is used to indicate the firm identified in PartyID(448) is the firm that transmitted the order for the seller. "This shall be populated by the receiving firm within the receiving firm's report with the identification code provided by the transmitting firm."
84	LegalEntityIdentifier	Legal Entity Identifier (ISO 17442) LEI

Code	Name	Description
85	SubSectorClassification	Sub-sector classification. Supplemental to party sub-ID type "64" (Company activities) for regulatory reporting. For EU SFTR reporting use the appropriate 4-character code noted in the regulations applying the conditional association rules. See SFTR ITS "Commission Implementing Regulation (EU) 2019/363" Annexes 1 and 2 for values.
86	PartySide	Party side. May be used, when appropriate, to explicitly indicate the transaction side of the party, e.g. Buyer, Seller, Lender, Borrower, Maker, Taker, etc. in the ID. In the context of EU SFTR reporting, use values as required by SFTR, "GIVE" and "TAKE" in the ID, to identify collateral giver and taker.
87	LegalRegistrationCountry	Legal registration country. ISO Country Code where the registered office of the party is located as specified in the LEI reference data.

Used in groups: [NstdPtys2SubGrp](#)

#### 170.2.2924 Nested3PartyID

PartyID value within a "third instance" Nested repeating group.

Same values as PartyID (448)

Type: [String](#)

Used in groups: [NestedParties3](#)

#### 170.2.2925 Nested3PartyIDSource

PartyIDSource value within a "third instance" Nested repeating group.

Same values as PartyIDSource (447)

Type: [char](#)

Allowed values in PartyIDSourceCodeSet:

Code	Name	Description
1	KoreanInvestorID	Korean Investor ID

Code	Name	Description
6	UKNationalInsuranceOrPension-Number	UK National Insurance or Pension Number
B	BIC	BIC (Bank Identification Code - SWIFT managed) code (ISO9362 - See "Appendix 6-B")
I	ISITCAcronym	Directed broker three character acronym as defined in ISITC "ETC Best Practice" guidelines document
2	TaiwaneseForeignInvestorID	Taiwanese Qualified Foreign Investor ID QFII/FID
7	USSocialSecurityNumber	US Social Security Number
C	GeneralIdentifier	Generally accepted market participant identifier (e.g. NASD mnemonic)
3	TaiwaneseTradingAcct	Taiwanese Trading Acct
8	USEmployerOrTaxIDNumber	US Employer or Tax ID Number
D	Proprietary	Proprietary / Custom code. Custom ID schema used between counterparties, trading platforms and repositories.
4	MalaysianCentralDepository	Malaysian Central Depository (MCD) number
9	AustralianBusinessNumber	Australian Business Number
E	ISOCountryCode	ISO Country Code
5	ChineseInvestorID	Chinese Investor ID
A	AustralianTaxFileNumber	Australian Tax File Number
F	SettlementEntityLocation	Settlement Entity Location (note if Local Market Settlement use "E=ISO Country Code") (see "Appendix 6-G" for valid values)
G	MIC	Market Identifier Code (ISO 10383) MIC
J	TaxID	Tax ID
H	CSDParticipant	CSD participant/member code (e.g. Euroclear, DTC, CREST or Kassenverein number)
K	AustralianCompanyNumber	Australian Company Number
L	AustralianRegisteredBodyNumber	Australian Registered Body Number
M	CFTCReportingFirmIdentifier	CFTC reporting firm identifier
N	LegalEntityIdentifier	Legal Entity Identifier (ISO 17442) LEI
O	InterimIdentifier	Interim identifier. An interim entity identifier assigned by a regulatory agency prior to an LEI (ISO 17442) being assigned.
P	ShortCodeIdentifier	Short code identifier. A generic means for trading venues, brokers, investment managers to convey a bilaterally agreed upon "short hand" code for an identifier that is a reference to a mapping between the parties.

Code	Name	Description
Q	NationalIDNaturalPerson	National ID of natural person. An identification number generally assigned by a government authority or agency to a natural person which is unique to the person it is assigned to. Examples include, but not limited to, "social security number", "pension number".
R	IndiaPermanentAccountNumber	India Permanent Account Number. Also referred to as PAN ID. An identifier issued by the Income Tax Department of India.
S	FDID	Firm designated identifier. Also referred to as FDID. A unique identifier required by the SEC for each trading account designated by Industry Members for purposes of reporting to CAT (Consolidated Audit Trail).
T	SPSAID	Special Segregated Account ID. Also referred to as SPSA ID. The Special Segregated Account identifier issued by Hong Kong Exchanges and Clearing.
U	MasterSPSAID	Master Special Segregated Account ID. Also referred to as Master SPSA ID. The master identifier issued by Hong Kong Exchanges and Clearing for the aggregation of SPSA IDs.

Used in groups: [NestedParties3](#)

### 170.2.2926 Nested3PartyRole

PartyRole value within a "third instance" Nested repeating group.

Same values as PartyRole (452)

Type: [int](#)

Allowed values in PartyRoleCodeSet:

Code	Name	Description
1	ExecutingFirm	Executing Firm (formerly FIX 4.2 ExecBroker)
2	BrokerOfCredit	Broker of Credit (formerly FIX 4.2 BrokerOfCredit)
3	ClientID	Client ID (formerly FIX 4.2 ClientID)
4	ClearingFirm	Clearing Firm (formerly FIX 4.2 ClearingFirm)
5	InvestorID	Investor ID
6	IntroducingFirm	Introducing Firm
7	EnteringFirm	Entering Firm

<b>Code</b>	<b>Name</b>	<b>Description</b>
8	Locate	Locate / Lending Firm (for short-sales)
9	FundManagerClientID	Fund Manager Client ID (for CIV)
10	SettlementLocation	Settlement Location (formerly FIX 4.2 SettlLocation)
11	OrderOriginationTrader	Order Origination Trader (associated with Order Origination Firm - i.e. trader who initiates/submits the order)
12	ExecutingTrader	Executing Trader (associated with Executing Firm - actually executes)
13	OrderOriginationFirm	Order Origination Firm (e.g. buy-side firm)
14	GiveupClearingFirmDepr	Giveup Clearing Firm (firm to which trade is given up)
15	CorrespondantClearingFirm	Correspondant Clearing Firm
16	ExecutingSystem	Executing System
17	ContraFirm	Contra Firm
18	ContraClearingFirm	Contra Clearing Firm
19	SponsoringFirm	Sponsoring Firm
20	UnderlyingContraFirm	Underlying Contra Firm
21	ClearingOrganization	Clearing Organization
22	Exchange	Exchange. Identify using PartyIDSource(tag 447) = G (Market Identifier Code) if the MIC exists.
24	CustomerAccount	Customer Account
25	CorrespondentClearingOrganization	Correspondent Clearing Organization
26	CorrespondentBroker	Correspondent Broker
27	Buyer	Buyer/Seller (Receiver/Deliverer)
28	Custodian	Custodian
29	Intermediary	Intermediary
30	Agent	Agent
31	SubCustodian	Sub-custodian
32	Beneficiary	Beneficiary
33	InterestedParty	Interested party
34	RegulatoryBody	Regulatory body. In the context of regulatory reporting, this identifies the regulator the trade is being reported to.
35	LiquidityProvider	Liquidity provider
36	EnteringTrader	Entering trader
37	ContraTrader	Contra trader
38	PositionAccount	Position account. The account which positions are maintained. Typically represents the aggregation of one or more customer accounts.

<b>Code</b>	<b>Name</b>	<b>Description</b>
39	ContraInvestorID	Contra Investor ID
40	TransferToFirm	Transfer to Firm
41	ContraPositionAccount	Contra Position Account
42	ContraExchange	Contra Exchange
43	InternalCarryAccount	Internal Carry Account
44	OrderEntryOperatorID	Order Entry Operator ID
45	SecondaryAccountNumber	Secondary Account Number
46	ForeignFirm	Foreign Firm
47	ThirdPartyAllocationFirm	Third Party Allocation Firm
48	ClaimingAccount	Claiming Account
49	AssetManager	Asset Manager
50	PledgorAccount	Pledgor Account
51	PledgeeAccount	Pledgee Account
52	LargeTraderReportableAccount	Large Trader Reportable Account
53	TraderMnemonic	Trader mnemonic
54	SenderLocation	Sender Location
55	SessionID	Session ID
56	AcceptableCounterparty	Acceptable Counterparty
57	UnacceptableCounterparty	Unacceptable Counterparty
58	EnteringUnit	Entering Unit
59	ExecutingUnit	Executing Unit
60	IntroducingBroker	Introducing Broker
61	QuoteOriginator	Quote originator
62	ReportOriginator	Report originator
63	SystematicInternaliser	Systematic internaliser (SI)
64	MultilateralTradingFacility	Multilateral Trading Facility (MTF). Identify using PartyIDSource(tag 447) = G (Market Identifier Code) if the MIC exists.
65	RegulatedMarket	Regulated Market (RM). Identify using PartyIDSource(tag 447) = G (Market Identifier Code) if the MIC exists.
66	MarketMaker	Market Maker
67	InvestmentFirm	Investment Firm
68	HostCompetentAuthority	Host Competent Authority (Host CA)
69	HomeCompetentAuthority	Home Competent Authority (Home CA)

<b>Code</b>	<b>Name</b>	<b>Description</b>
70	CompetentAuthorityLiquidity	Competent Authority of the most relevant market in terms of liquidity (CAL)
71	CompetentAuthorityTransactionVenue	Competent Authority of the Transaction (Execution) Venue (CATV)
72	ReportingIntermediary	Reporting intermediary. The medium or vendor used to report to a regulator, non-regulatory agency or data repository.
73	ExecutionVenue	Execution Venue. Identify using PartyIDSource(tag 447) = G (Market Identifier Code) if the MIC exists.
74	MarketDataEntryOriginator	Market data entry originator
75	LocationID	Location ID
76	DeskID	Desk ID
77	MarketDataMarket	Market data market
78	AllocationEntity	Allocation Entity
79	PrimeBroker	Prime Broker providing General Trade Services
80	StepOutFirm	Step-Out Firm (Prime Broker)
81	BrokerClearingID	Broker clearing identifier
82	CentralRegistrationDepository	Central Registration Depository (CRD)
83	ClearingAccount	Clearing Account
84	AcceptableSettlingCounterparty	Acceptable Settling Counterparty
85	UnacceptableSettlingCounterparty	Unacceptable Settling Counterparty
86	CLSMemberBank	CLS Member Bank
87	InConcertGroup	In Concert Group
88	InConcertControllingEntity	In Concert Controlling Entity
89	LargePositionsReportingAccount	Large Positions Reporting Account
90	SettlementFirm	Settlement Firm
91	SettlementAccount	Settlement account. The account to which individual payment obligations are aggregated for netting and funds movement. Typically represents the aggregation of many margin (performance bond) accounts.
92	ReportingMarketCenter	Reporting Market Center
93	RelatedReportingMarketCenter	Related Reporting Market Center
94	AwayMarket	Away Market. Identify using PartyIDSource(tag 447) = G (Market Identifier Code) if the MIC exists.
95	GiveupTradingFirm	Give-up (trading) firm
96	TakeupTradingFirm	Take-up (trading) firm
97	GiveupClearingFirm	Give-up clearing firm



<b>Code</b>	<b>Name</b>	<b>Description</b>
98	TakeupClearingFirm	Take-up clearing firm
99	OriginatingMarket	Originating Market. Identifies the Market using PartyIDSource(tag 447) = G (Market Identifier Code) where an order originated in the event that the order is sent to an alternative market for execution. Serves as an inverse of an away market.
100	MarginAccount	Margin account. Also referred to as "performance bond account". The margin account is the calculated margin requirements. Typically represents the aggregation of one or more position accounts.
101	CollateralAssetAccount	Collateral asset account. The account at which individual collateral assets are maintained. Typically, although not always, one-for-one with the settlement account.
102	DataRepository	Data repository. Multiple instances of this PartyRole may appear for reporting purposes.
103	CalculationAgent	Calculation agent
104	ExerciseNoticeSender	Sender of exercise notice
105	ExerciseNoticeReceiver	Receiver of exercise notice
106	RateReferenceBank	Rate reference bank. The bank providing the reference rate. Multiple instance of this PartyRole may appear.
107	Correspondent	Correspondent
109	BeneficiaryBank	Beneficiary's bank or depository institution. The institution in which the beneficiary, a person or an entity, has their account with. The institution may be a bank or non-bank institution.
110	Borrower	Borrower
111	PrimaryObligator	Primary obligator
112	Guarantor	Guarantor
113	ExcludedReferenceEntity	Excluded reference entity
114	DeterminingParty	Determining party
115	HedgingParty	Hedging party
116	ReportingEntity	Reporting entity. The entity that is reporting the information.
117	SalesPerson	Sales person. The person who is involved in the sales activities for their firm.
118	Operator	Operator. The person who has the capabilities and authorization to take certain actions; for example, setting entitlements, etc.
119	CSD	Central Securities Depository (CSD)
120	ICSD	International Central Securities Depository (ICSD)

Code	Name	Description
121	TradingSubAccount	Trading sub-account. Example of sub-accounts include a clearing account that has multiple trading sub-accounts, a trading account that has multiple trading sub-accounts belonging to different trading firms.
122	InvestmentDecisionMaker	Investment decision maker. In the context of ESMA RTS reporting, this is used to specify party responsible for the investment decision. See RTS 24, Annex, Table 2, Field 4.
123	PublishingIntermediary	Publishing intermediary. The medium or vendor used to publish to the market.
124	CSDParticipant	Central Securities Depository (CSD) Participant. In the context of EU SFTR reporting the identifier of the CSD participant or indirect participant of the reporting counterparty. Where both the CSD participant and indirect participant are involved in the transaction this should identify the indirect participant.
125	Issuer	Issuer. The issuer of the security.
126	ContraCustomerAccount	Contra Customer Account. Same as PartyRole(452) = 24 (Customer Account) but for the counterparty. Can be used whenever the parties component is not nested in a repeating group representing both sides.
127	ContraInvestmentDecisionMaker	Contra Investment Decision Maker. Same as PartyRole(452) = 122 (Investment Decision Maker) but for the counterparty. Can be used whenever the parties component is not nested in a repeating group representing both sides.

Used in groups: [NestedParties3](#)

### 170.2.2927 Nested3PartyRoleQualifier

Used to further qualify the value of Nested3PartyRole(951).

Type: [int](#)

Allowed values in PartyDetailRoleQualifierCodeSet:

Code	Name	Description
0	Agency	Agency
1	Principal	Principal
2	RisklessPrincipal	Riskless principal
3	GeneralClearingMember	General clearing member

<b>Code</b>	<b>Name</b>	<b>Description</b>
30	ExchangeOrderSubmitter	Exchange order submitter. Used to identify original or initial exchange order submitting broker when party role "1" (Executing Firm) appears more than once.
4	IndividualClearingMember	Individual clearing member
5	PreferredMarketMaker	Preferred market maker. Market maker getting a part of the matched quantity before primary or default market maker.
6	DirectedMarketMaker	Directed market maker. Single market maker to handle the order provided.
7	Bank	Bank
8	Hub	Hub. Indicates that the Intermediary party is a hub system or service provider.
9	PrimaryTrdRepository	Primary trade repository. Used to differentiate the principal trade repository from the Original or Additional trade repositories when there are multiple trade repositories being reported.
10	OrigTrdRepository	Original trade repository. Used to identify the trade repository to which the trade was originally reported if different from the current repository to which the trade is being reported.
11	AddnlIntlTrdRepository	Additional international trade repository. Used with InternationalSwapIndicator(2526) to identify the trade repository that is in addition to the local swaps data repository as required by U.S. law.
12	AddnlDomesticTrdRepository	Additional domestic trade repository. Used with MixedSwapIndicator(1929) to identify the trade repository that is in addition to the current trade repository when the assets in the swap are subject to two different domestic regulators.
13	RelatedExchange	Related exchange
14	OptionsExchange	Options exchange
15	SpecifiedExchange	Specified exchange
16	ConstituentExchange	Constituent exchange.
17	ExemptFromTradeReporting	Exempt from trade reporting. In the context of FINRA TRACE reporting requirements, this is used to indicate the ATS has been granted a regulatory exemption from reporting.
18	Current	Current. Can be used to convey an existing party identifier for the same party role in a single message.
19	New	New. Can be used to convey a future party identifier for the same party role in a single message.
20	DesignatedSponsor	Designated sponsor. Market maker jointly providing liquidity for the same security with other market makers.

Code	Name	Description
21	Specialist	Specialist. Market maker being the only one providing liquidity for a security.
22	Algorithm	Algorithm
23	FirmOrLegalEntity	Firm or legal entity
24	NaturalPerson	Natural person
25	RegularTrader	Regular trader. Standard trader profile.
26	HeadTrader	Head trader. Senior trader leading a group of regular traders.
27	Supervisor	Supervisor. Administrative user that has only limited rights for normal trading but possibly special rights for emergency actions.
28	TriParty	Tri-party. In the context of EU SFTR reporting, identifies the third party, not necessarily the custodian, to which the reporting counterparty has outsourced the post-trade processing of an SFT (if applicable).
29	Lender	Lender. In the context of EU SFTR reporting, identifies the agent lender involved in the securities lending transaction.

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Used in groups: [NestedParties3](#)

#### **170.2.2928 Nested3PartySubID**

PartySubID value within a "third instance" Nested repeating group.

Same values as PartySubID (523)

Type: [String](#)

Used in groups: [NstdPtys3SubGrp](#)

#### **170.2.2929 Nested3PartySubIDType**

PartySubIDType value within a "third instance" Nested repeating group.

Same values as PartySubIDType (803)

Type: [int](#)

Allowed values in PartySubIDTypeCodeSet:

<b>Code</b>	<b>Name</b>	<b>Description</b>
1	Firm	Firm
2	Person	Person
3	System	System
4	Application	Application
5	FullLegalNameOfFirm	Full legal name of firm
6	PostalAddress	Postal address
7	PhoneNumber	Phone number
8	EmailAddress	Email address
9	ContactName	Contact name
10	SecuritiesAccountNumber	Securities account number (for settlement instructions)
11	RegistrationNumber	Registration number (for settlement instructions and confirmations)
12	RegisteredAddressForConfirmation	Registered address (for confirmation purposes)
13	RegulatoryStatus	Regulatory status (for confirmation purposes)
14	RegistrationName	Registration name (for settlement instructions)
15	CashAccountNumber	Cash account number (for settlement instructions)
16	BIC	BIC
17	CSDParticipantMemberCode	CSD participant member code
18	RegisteredAddress	Registered address
19	FundAccountName	Fund account name
20	TelexNumber	Telex number
21	FaxNumber	Fax number
22	SecuritiesAccountName	Securities account name
23	CashAccountName	Cash account name
24	Department	Department
25	LocationDesk	Location desk
26	PositionAccountType	Position account type
27	SecurityLocateID	Security locate ID
28	MarketMaker	Market maker
29	EligibleCounterparty	Eligible counterparty
30	ProfessionalClient	Professional client
31	Location	Location
32	ExecutionVenue	Execution venue
33	CurrencyDeliveryIdentifier	Currency delivery identifier

<b>Code</b>	<b>Name</b>	<b>Description</b>
34	AddressCity	Address City
35	AddressStateOrProvince	Address State/Province
36	AddressPostalCode	Address Postal Code
37	AddressStreet	Address Street
38	AddressISOCountryCode	Address Country (ISO country code)
39	ISOCountryCode	ISO country code
40	MarketSegment	Market segment
41	CustomerAccountType	Customer account type
42	OmnibusAccount	Omnibus account
43	FundsSegregationType	Funds segregation type
44	GuaranteeFund	Guarantee fund. Identifies a guarantee fund related to an account. Used when one account has multiple funds of collateral, each guaranteeing different positions. Can be used for PartyRole(452) = Customer Account(24).
45	SwapDealer	Swap dealer. The US regulator's defined term for identifying the trade counterparty as "any person who holds itself out as a dealer in swaps, makes a market in swaps, regularly enters into swaps with counterparties as an ordinary course of business for its own account, or engages in activity causing itself to be commonly known in the trade as a dealer or market maker in swaps".
46	MajorParticipant	Major participant. When PartySubID(523)=Y the counterparty is not the swap dealer but is a major swap participant as defined in the regulations.
47	FinancialEntity	Financial entity. When PartySubID(523)=Y the counterparty is neither a swap dealer nor a major swap participant but is a financial entity as defined in the regulations.
48	USPerson	U.S. person. A legal term referring to any U.S. person or legal entity anywhere in the world that should be taxed under U.S. law.
49	ReportingEntityIndicator	Reporting entity indicator. Indicates the entity obligated or delegated to report to their regulator, a non-regulatory agency or data repository. Set PartySubID(523)=Y if true.
50	ElectedClearingRequirementException	Elected clearing requirement exception
51	BusinessCenter	Business center.
52	ReferenceText	Reference text
53	ShortMarkingExemptAccount	Short-marking exempt account

<b>Code</b>	<b>Name</b>	<b>Description</b>
54	ParentFirmIdentifier	Parent firm identifier. Implementation-specific identifier of this party's parent entity.
55	ParentFirmName	Parent firm name. Full name of this party's parent entity.
56	DealIdentifier	Deal identifier. The internal identifier assigned to the trade by this party, particularly by a Clearing Organization.
57	SystemTradeID	System trade identifier
58	SystemTradeSubID	System trade sub-identifier
59	FCMCode	Futures Commission Merchant (FCM) code. The FCM's code or identifier in relation to the PartyRole(452). For example, if PartyRole(452) is the exchange or clearinghouse, the FCM code/ID specified in PartySubID(523) is the FCM's identifier at the exchange or clearinghouse.
60	DlvryTrmlCode	Delivery terminal customer account/code. Usually used for gas delivery to identify whose account the gas is allocated to at the delivery terminal. Often referred to as "HUB" code.
61	VolntyRptEntity	Voluntary reporting entity. The entity voluntarily reporting the trade to the regulator. Set PartySubID(523)=Y if true.
62	RptObligJurisdiction	Reporting obligation jurisdiction. For a trade that falls under multiple jurisdictions this may be used to identify, through PartySubID(523), the reporting jurisdiction to which the party is obligated to report.
63	VolntyRptJurisdiction	Voluntary reporting jurisdiction. For a trade that falls under multiple jurisdictions this may be used to identify, through PartySubID(523), the regulatory jurisdiction to which the party is submitting a voluntary report.

Code	Name	Description
64	CompanyActivities	Company activities. For regulatory reporting. ID values include: A = Assurance undertaking authorized in accordance with Directive 2002/83/EC C=Credit institution authorized in accordance with Directive 2006/48/EC F=Investment firm in accordance with Directive 2004/39/EC I=Insurance undertaking authorized in accordance with Directive 73/239/EC L=Alternative investment fund managed by AIFMs authorized or registered in accordance with Directive 2011/61/EC O=Institution for occupational retirement provision within the meaning of Article 6(a) of Directive 2003/41/EC R=Reinsurance undertaking authorized in accordance with Directive 2005/68/EC U=UCITS and its management company, authorized in accordance with Directive 2009/65/EC or blank in case of coverage by LEI or in case of non-financial counterparties. In the context of EU SFTR reporting use the appropriate 4- or 1-character code noted in the regulations. See SFTR ITS "Commission Implementing Regulation (EU) 2019/363" Annexes 1 and 2 for values.
65	EEAreaDomiciled	European Economic Area domiciled. ID values: Y or N
66	ContractLinked	Contract linked to commercial or treasury financing for this counterparty. ID values: Y or N
67	ContractAbove	Contract above clearing threshold for this counterparty. ID values: Y or N
68	VolntyRptPty	Voluntary reporting party. When PartySubID(523)=Y, identifies that the trading party is reporting voluntarily when VoluntaryRegulatoryReport(1935)=Y.
69	EndUser	End user. When PartySubID(523)=Y, the counterparty is neither the swap dealer, major swap participant nor financial entity as defined in the regulations.
70	LocationOrJurisdiction	Location or jurisdiction. One or more instances may be used in combination with PartySubIDType(803) = 49 (Reporting entity indicator) or 102 (Data repository) to identify the jurisdiction, countries, regions or provinces for which the party is a reporting entity or data repository when that characteristic is ambiguous or where there are multiple locations. The party sub-ID value is either a jurisdiction acronym, a 2-character ISO 3166 country code, or a hyphenated combination of the country code and the standard post-office abbreviation for province, state or region if necessary. E.g. "US" for United States or "CA-QC" for Quebec Canada.



<b>Code</b>	<b>Name</b>	<b>Description</b>
71	DerivativesDealer	Derivatives dealer. Indicates whether the party is a derivatives dealer or not (Y/N). The Canadian regulator's defined term for identifying the trade counterparty as "a person or company engaging in or holding himself, herself or itself out as engaging in the business of trading in derivatives in Ontario as principal or agent".
72	Domicile	Domicile. Country and optionally province, state or region of domicile. The party sub-ID value is either a 2-character ISO 3166 country code or a hyphenated combination of the country code and the standard post-office abbreviation of province, state or region if necessary. E.g. "US" for United States or "CA-QC" for Quebec Canada.
73	ExemptFromRecognition	Exempt from recognition. Used with party role 21 "Clearing Organization" to indicate exemption (Y/N). Identifies a clearing agency as exempt from oversight in Ontario, i.e. one that 1) only provides limited services and does not present significant risks or 2) is foreign-based, intends to operate in Ontario but is subject to regulatory oversight in another jurisdiction.
74	Payer	Payer. Identifies the party as the payer of a particular payment stream or bullet payment by quoting the stream's StreamDesc(40051) (or LegStreamDesc(40243) or UnderlyingStreamDesc(40542)) or payment's PaymentDesc(43087) in the associated party sub-identifier field.
75	Receiver	Receiver. Identifies the party as the receiver of a particular payment stream or bullet payment by quoting the stream's StreamDesc(40051) (or LegStreamDesc(40243) or UnderlyingStreamDesc(40542)) or payment's PaymentDesc(43087) in the associated party sub-identifier field.
76	SystematicInternaliser	Systematic Internaliser (SI). In the context of ESMA reporting, this is used to indicate whether the specified party is a Systematic Internaliser or not for the security defined in the Instrument component (Y/N).
77	PublishingEntityIndicator	Publishing entity indicator. Indicates the entity obligated or delegated to publish to the market. Set PartySubID(523)=Y if true.
78	FirstName	First name. The first name(s) of a natural person. If multiple names, separate entries by a comma.
79	Surname	Surname. The surname(s) or lastname(s) of a natural person. If multiple names, separate entries by a comma.

Code	Name	Description
80	DateOfBirth	Date of birth. The date of birth of a natural person in the format YYYYMMDD.
81	OrderTransmittingFirm	Order transmitting firm. Identifies whether the party specified in PartyID(448) is the firm that transmitted the order. In the context of RTS 22 Article 4, when "true" the PartySubID(523)=Y shall be set "by the transmitting firm within the transmitting firm's report where conditions for transmission specified in Article 4 were not satisfied."
82	OrderTransmittingFirmBuyer	Order transmitting firm for buyer. Identifies the firm that transmitted the order for the buyer. In the context of ESMA RTS 22, PartySubID(523)=Y is used to indicate the firm identified in PartyID(448) is the firm that transmitted the order for the buyer. "This shall be populated by the receiving firm within the receiving firm's report with the identification code provided by the transmitting firm."
83	OrderTransmitterSeller	Order transmitter for seller. Identifies the order transmitting firm for the seller. In the context of ESMA RTS 22, PartySubID(523)=Y is used to indicate the firm identified in PartyID(448) is the firm that transmitted the order for the seller. "This shall be populated by the receiving firm within the receiving firm's report with the identification code provided by the transmitting firm."
84	LegalEntityIdentifier	Legal Entity Identifier (ISO 17442) LEI
85	SubSectorClassification	Sub-sector classification. Supplemental to party sub-ID type "64" (Company activities) for regulatory reporting. For EU SFTR reporting use the appropriate 4-character code noted in the regulations applying the conditional association rules. See SFTR ITS "Commission Implementing Regulation (EU) 2019/363" Annexes 1 and 2 for values.
86	PartySide	Party side. May be used, when appropriate, to explicitly indicate the transaction side of the party, e.g. Buyer, Seller, Lender, Borrower, Maker, Taker, etc. in the ID. In the context of EU SFTR reporting, use values as required by SFTR, "GIVE" and "TAKE" in the ID, to identify collateral giver and taker.
87	LegalRegistrationCountry	Legal registration country. ISO Country Code where the registered office of the party is located as specified in the LEI reference data.

Used in groups: [NstdPtys3SubGrp](#)

**170.2.2930 Nested4PartyID**

Refer to definition of PartyID(448)

Type: **String**

Used in groups: **NestedParties4**

**170.2.2931 Nested4PartyIDSource**

Refer to definition of PartyIDSource(447)

Type: **char**

Allowed values in PartyIDSourceCodeSet:

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<b>Code</b>	<b>Name</b>	<b>Description</b>
1	KoreanInvestorID	Korean Investor ID
6	UKNationalInsuranceOrPension-Number	UK National Insurance or Pension Number
B	BIC	BIC (Bank Identification Code - SWIFT managed) code (ISO9362 - See "Appendix 6-B")
I	ISITCAcronym	Directed broker three character acronym as defined in ISITC "ETC Best Practice" guidelines document
2	TaiwaneseForeignInvestorID	Taiwanese Qualified Foreign Investor ID QFII/FID
7	USSocialSecurityNumber	US Social Security Number
C	GeneralIdentifier	Generally accepted market participant identifier (e.g. NASD mnemonic)
3	TaiwaneseTradingAcct	Taiwanese Trading Acct
8	USEmployerOrTaxIDNumber	US Employer or Tax ID Number
D	Proprietary	Proprietary / Custom code. Custom ID schema used between counterparties, trading platforms and repositories.
4	MalaysianCentralDepository	Malaysian Central Depository (MCD) number
9	AustralianBusinessNumber	Australian Business Number
E	ISOCountryCode	ISO Country Code
5	ChineseInvestorID	Chinese Investor ID
A	AustralianTaxFileNumber	Australian Tax File Number
F	SettlementEntityLocation	Settlement Entity Location (note if Local Market Settlement use "E=ISO Country Code") (see "Appendix 6-G" for valid values)
G	MIC	Market Identifier Code (ISO 10383) MIC

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Code	Name	Description
J	TaxID	Tax ID
H	CSDParticipant	CSD participant/member code (e.g. Euroclear, DTC, CREST or Kassenverein number)
K	AustralianCompanyNumber	Australian Company Number
L	AustralianRegisteredBodyNumber	Australian Registered Body Number
M	CFTCReportingFirmIdentifier	CFTC reporting firm identifier
N	LegalEntityIdentifier	Legal Entity Identifier (ISO 17442) LEI
O	InterimIdentifier	Interim identifier. An interim entity identifier assigned by a regulatory agency prior to an LEI (ISO 17442) being assigned.
P	ShortCodeIdentifier	Short code identifier. A generic means for trading venues, brokers, investment managers to convey a bilaterally agreed upon "short hand" code for an identifier that is a reference to a mapping between the parties.
Q	NationalIDNaturalPerson	National ID of natural person. An identification number generally assigned by a government authority or agency to a natural person which is unique to the person it is assigned to. Examples include, but not limited to, "social security number", "pension number".
R	IndiaPermanentAccountNumber	India Permanent Account Number. Also referred to as PAN ID. An identifier issued by the Income Tax Department of India.
S	FDID	Firm designated identifier. Also referred to as FDID. A unique identifier required by the SEC for each trading account designated by Industry Members for purposes of reporting to CAT (Consolidated Audit Trail).
T	SPSAID	Special Segregated Account ID. Also referred to as SPSA ID. The Special Segregated Account identifier issued by Hong Kong Exchanges and Clearing.
U	MasterSPSAID	Master Special Segregated Account ID. Also referred to as Master SPSA ID. The master identifier issued by Hong Kong Exchanges and Clearing for the aggregation of SPSA IDs.

Used in groups: [NestedParties4](#)

### 170.2.2932 Nested4PartyRole

Refer to definition of PartyRole(452)

Type: [int](#)

## Allowed values in PartyRoleCodeSet:

<b>Code</b>	<b>Name</b>	<b>Description</b>
1	ExecutingFirm	Executing Firm (formerly FIX 4.2 ExecBroker)
2	BrokerOfCredit	Broker of Credit (formerly FIX 4.2 BrokerOfCredit)
3	ClientID	Client ID (formerly FIX 4.2 ClientID)
4	ClearingFirm	Clearing Firm (formerly FIX 4.2 ClearingFirm)
5	InvestorID	Investor ID
6	IntroducingFirm	Introducing Firm
7	EnteringFirm	Entering Firm
8	Locate	Locate / Lending Firm (for short-sales)
9	FundManagerClientID	Fund Manager Client ID (for CIV)
10	SettlementLocation	Settlement Location (formerly FIX 4.2 SettlLocation)
11	OrderOriginationTrader	Order Origination Trader (associated with Order Origination Firm - i.e. trader who initiates/submits the order)
12	ExecutingTrader	Executing Trader (associated with Executing Firm - actually executes)
13	OrderOriginationFirm	Order Origination Firm (e.g. buy-side firm)
14	GiveupClearingFirmDepr	Giveup Clearing Firm (firm to which trade is given up)
15	CorrespondantClearingFirm	Correspondant Clearing Firm
16	ExecutingSystem	Executing System
17	ContraFirm	Contra Firm
18	ContraClearingFirm	Contra Clearing Firm
19	SponsoringFirm	Sponsoring Firm
20	UnderlyingContraFirm	Underlying Contra Firm
21	ClearingOrganization	Clearing Organization
22	Exchange	Exchange. Identify using PartyIDSource(tag 447) = G (Market Identifier Code) if the MIC exists.
24	CustomerAccount	Customer Account
25	CorrespondentClearingOrganization	Correspondent Clearing Organization
26	CorrespondentBroker	Correspondent Broker
27	Buyer	Buyer/Seller (Receiver/Deliverer)
28	Custodian	Custodian
29	Intermediary	Intermediary
30	Agent	Agent
31	SubCustodian	Sub-custodian

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<b>Code</b>	<b>Name</b>	<b>Description</b>
32	Beneficiary	Beneficiary
33	InterestedParty	Interested party
34	RegulatoryBody	Regulatory body. In the context of regulatory reporting, this identifies the regulator the trade is being reported to.
35	LiquidityProvider	Liquidity provider
36	EnteringTrader	Entering trader
37	ContraTrader	Contra trader
38	PositionAccount	Position account. The account which positions are maintained. Typically represents the aggregation of one or more customer accounts.
39	ContraInvestorID	Contra Investor ID
40	TransferToFirm	Transfer to Firm
41	ContraPositionAccount	Contra Position Account
42	ContraExchange	Contra Exchange
43	InternalCarryAccount	Internal Carry Account
44	OrderEntryOperatorID	Order Entry Operator ID
45	SecondaryAccountNumber	Secondary Account Number
46	ForeignFirm	Foreign Firm
47	ThirdPartyAllocationFirm	Third Party Allocation Firm
48	ClaimingAccount	Claiming Account
49	AssetManager	Asset Manager
50	PledgorAccount	Pledgor Account
51	PledgeeAccount	Pledgee Account
52	LargeTraderReportableAccount	Large Trader Reportable Account
53	TraderMnemonic	Trader mnemonic
54	SenderLocation	Sender Location
55	SessionID	Session ID
56	AcceptableCounterparty	Acceptable Counterparty
57	UnacceptableCounterparty	Unacceptable Counterparty
58	EnteringUnit	Entering Unit
59	ExecutingUnit	Executing Unit
60	IntroducingBroker	Introducing Broker
61	QuoteOriginator	Quote originator
62	ReportOriginator	Report originator
63	SystematicInternaliser	Systematic internaliser (SI)

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<b>Code</b>	<b>Name</b>	<b>Description</b>
64	MultilateralTradingFacility	Multilateral Trading Facility (MTF). Identify using PartyIDSource(tag 447) = G (Market Identifier Code) if the MIC exists.
65	RegulatedMarket	Regulated Market (RM). Identify using PartyIDSource(tag 447) = G (Market Identifier Code) if the MIC exists.
66	MarketMaker	Market Maker
67	InvestmentFirm	Investment Firm
68	HostCompetentAuthority	Host Competent Authority (Host CA)
69	HomeCompetentAuthority	Home Competent Authority (Home CA)
70	CompetentAuthorityLiquidity	Competent Authority of the most relevant market in terms of liquidity (CAL)
71	CompetentAuthorityTransactionV- enue	Competent Authority of the Transaction (Execution) Venue (CATV)
72	ReportingIntermediary	Reporting intermediary. The medium or vendor used to report to a regulator, non-regulatory agency or data repository.
73	ExecutionVenue	Execution Venue. Identify using PartyIDSource(tag 447) = G (Market Identifier Code) if the MIC exists.
74	MarketDataEntryOriginator	Market data entry originator
75	LocationID	Location ID
76	DeskID	Desk ID
77	MarketDataMarket	Market data market
78	AllocationEntity	Allocation Entity
79	PrimeBroker	Prime Broker providing General Trade Services
80	StepOutFirm	Step-Out Firm (Prime Broker)
81	BrokerClearingID	Broker clearing identifier
82	CentralRegistrationDepository	Central Registration Depository (CRD)
83	ClearingAccount	Clearing Account
84	AcceptableSettlingCounterparty	Acceptable Settling Counterparty
85	UnacceptableSettlingCounterparty	Unacceptable Settling Counterparty
86	CLSMemberBank	CLS Member Bank
87	InConcertGroup	In Concert Group
88	InConcertControllingEntity	In Concert Controlling Entity
89	LargePositionsReportingAccount	Large Positions Reporting Account
90	SettlementFirm	Settlement Firm

<b>Code</b>	<b>Name</b>	<b>Description</b>
91	SettlementAccount	Settlement account. The account to which individual payment obligations are aggregated for netting and funds movement. Typically represents the aggregation of many margin (performance bond) accounts.
92	ReportingMarketCenter	Reporting Market Center
93	RelatedReportingMarketCenter	Related Reporting Market Center
94	AwayMarket	Away Market. Identify using PartyIDSource(tag 447) = G (Market Identifier Code) if the MIC exists.
95	GiveupTradingFirm	Give-up (trading) firm
96	TakeupTradingFirm	Take-up (trading) firm
97	GiveupClearingFirm	Give-up clearing firm
98	TakeupClearingFirm	Take-up clearing firm
99	OriginatingMarket	Originating Market. Identifies the Market using PartyIDSource(tag 447) = G (Market Identifier Code) where an order originated in the event that the order is sent to an alternative market for execution. Serves as an inverse of an away market.
100	MarginAccount	Margin account. Also referred to as "performance bond account". The margin account is the calculated margin requirements. Typically represents the aggregation of one or more position accounts.
101	CollateralAssetAccount	Collateral asset account. The account at which individual collateral assets are maintained. Typically, although not always, one-for-one with the settlement account.
102	DataRepository	Data repository. Multiple instances of this PartyRole may appear for reporting purposes.
103	CalculationAgent	Calculation agent
104	ExerciseNoticeSender	Sender of exercise notice
105	ExerciseNoticeReceiver	Receiver of exercise notice
106	RateReferenceBank	Rate reference bank. The bank providing the reference rate. Multiple instance of this PartyRole may appear.
107	Correspondent	Correspondent
109	BeneficiaryBank	Beneficiary's bank or depository institution. The institution in which the beneficiary, a person or an entity, has their account with. The institution may be a bank or non-bank institution.
110	Borrower	Borrower
111	PrimaryObligator	Primary obligator
112	Guarantor	Guarantor



<b>Code</b>	<b>Name</b>	<b>Description</b>
113	ExcludedReferenceEntity	Excluded reference entity
114	DeterminingParty	Determining party
115	HedgingParty	Hedging party
116	ReportingEntity	Reporting entity. The entity that is reporting the information.
117	SalesPerson	Sales person. The person who is involved in the sales activities for their firm.
118	Operator	Operator. The person who has the capabilities and authorization to take certain actions; for example, setting entitlements, etc.
119	CSD	Central Securities Depository (CSD)
120	ICSD	International Central Securities Depository (ICSD)
121	TradingSubAccount	Trading sub-account. Example of sub-accounts include a clearing account that has multiple trading sub-accounts, a trading account that has multiple trading sub-accounts belonging to different trading firms.
122	InvestmentDecisionMaker	Investment decision maker. In the context of ESMA RTS reporting, this is used to specify party responsible for the investment decision. See RTS 24, Annex, Table 2, Field 4.
123	PublishingIntermediary	Publishing intermediary. The medium or vendor used to publish to the market.
124	CSDParticipant	Central Securities Depository (CSD) Participant. In the context of EU SFTR reporting the identifier of the CSD participant or indirect participant of the reporting counterparty. Where both the CSD participant and indirect participant are involved in the transaction this should identify the indirect participant.
125	Issuer	Issuer. The issuer of the security.
126	ContraCustomerAccount	Contra Customer Account. Same as PartyRole(452) = 24 (Customer Account) but for the counterparty. Can be used whenever the parties component is not nested in a repeating group representing both sides.
127	ContraInvestmentDecisionMaker	Contra Investment Decision Maker. Same as PartyRole(452) = 122 (Investment Decision Maker) but for the counterparty. Can be used whenever the parties component is not nested in a repeating group representing both sides.

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Used in groups: [NestedParties4](#)

**170.2.2933 Nested4PartyRoleQualifier**

Used to further qualify the value of Nested4PartyRole(1417).

Type: **int**

Allowed values in PartyDetailRoleQualifierCodeSet:

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	Agency	Agency
1	Principal	Principal
2	RisklessPrincipal	Riskless principal
3	GeneralClearingMember	General clearing member
30	ExchangeOrderSubmitter	Exchange order submitter. Used to identify original or initial exchange order submitting broker when party role "1" (Executing Firm) appears more than once.
4	IndividualClearingMember	Individual clearing member
5	PreferredMarketMaker	Preferred market maker. Market maker getting a part of the matched quantity before primary or default market maker.
6	DirectedMarketMaker	Directed market maker. Single market maker to handle the order provided.
7	Bank	Bank
8	Hub	Hub. Indicates that the Intermediary party is a hub system or service provider.
9	PrimaryTrdRepository	Primary trade repository. Used to differentiate the principal trade repository from the Original or Additional trade repositories when there are multiple trade repositories being reported.
10	OrigTrdRepository	Original trade repository. Used to identify the trade repository to which the trade was originally reported if different from the current repository to which the trade is being reported.
11	AddtnlIntlTrdRepository	Additional international trade repository. Used with InternationalSwapIndicator(2526) to identify the trade repository that is in addition to the local swaps data repository as required by U.S. law.
12	AddtnlDomesticTrdRepository	Additional domestic trade repository. Used with MixedSwapIndicator(1929) to identify the trade repository that is in addition to the current trade repository when the assets in the swap are subject to two different domestic regulators.
13	RelatedExchange	Related exchange
14	OptionsExchange	Options exchange

Code	Name	Description
15	SpecifiedExchange	Specified exchange
16	ConstituentExchange	Constituent exchange.
17	ExemptFromTradeReporting	Exempt from trade reporting. In the context of FINRA TRACE reporting requirements, this is used to indicate the ATS has been granted a regulatory exemption from reporting.
18	Current	Current. Can be used to convey an existing party identifier for the same party role in a single message.
19	New	New. Can be used to convey a future party identifier for the same party role in a single message.
20	DesignatedSponsor	Designated sponsor. Market maker jointly providing liquidity for the same security with other market makers.
21	Specialist	Specialist. Market maker being the only one providing liquidity for a security.
22	Algorithm	Algorithm
23	FirmOrLegalEntity	Firm or legal entity
24	NaturalPerson	Natural person
25	RegularTrader	Regular trader. Standard trader profile.
26	HeadTrader	Head trader. Senior trader leading a group of regular traders.
27	Supervisor	Supervisor. Administrative user that has only limited rights for normal trading but possibly special rights for emergency actions.
28	TriParty	Tri-party. In the context of EU SFTR reporting, identifies the third party, not necessarily the custodian, to which the reporting counterparty has outsourced the post-trade processing of an SFT (if applicable).
29	Lender	Lender. In the context of EU SFTR reporting, identifies the agent lender involved in the securities lending transaction.

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Used in groups: [NestedParties4](#)

#### **170.2.2934 Nested4PartySubID**

Refer to definition of PartySubID(523)

Type: [String](#)

Used in groups: [NstdPtys4SubGrp](#)

**170.2.2935 Nested4PartySubIDType**

Refer to definition of PartySubIDType(803)

Type: **int**

Allowed values in PartySubIDTypeCodeSet:

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<b>Code</b>	<b>Name</b>	<b>Description</b>
1	Firm	Firm
2	Person	Person
3	System	System
4	Application	Application
5	FullLegalNameOfFirm	Full legal name of firm
6	PostalAddress	Postal address
7	PhoneNumber	Phone number
8	EmailAddress	Email address
9	ContactName	Contact name
10	SecuritiesAccountNumber	Securities account number (for settlement instructions)
11	RegistrationNumber	Registration number (for settlement instructions and confirmations)
12	RegisteredAddressForConfirmation	Registered address (for confirmation purposes)
13	RegulatoryStatus	Regulatory status (for confirmation purposes)
14	RegistrationName	Registration name (for settlement instructions)
15	CashAccountNumber	Cash account number (for settlement instructions)
16	BIC	BIC
17	CSDParticipantMemberCode	CSD participant member code
18	RegisteredAddress	Registered address
19	FundAccountName	Fund account name
20	TelexNumber	Telex number
21	FaxNumber	Fax number
22	SecuritiesAccountName	Securities account name
23	CashAccountName	Cash account name
24	Department	Department
25	LocationDesk	Location desk
26	PositionAccountType	Position account type
27	SecurityLocateID	Security locate ID
28	MarketMaker	Market maker

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Code	Name	Description
29	EligibleCounterparty	Eligible counterparty
30	ProfessionalClient	Professional client
31	Location	Location
32	ExecutionVenue	Execution venue
33	CurrencyDeliveryIdentifier	Currency delivery identifier
34	AddressCity	Address City
35	AddressStateOrProvince	Address State/Province
36	AddressPostalCode	Address Postal Code
37	AddressStreet	Address Street
38	AddressISOCountryCode	Address Country (ISO country code)
39	ISOCountryCode	ISO country code
40	MarketSegment	Market segment
41	CustomerAccountType	Customer account type
42	OmnibusAccount	Omnibus account
43	FundsSegregationType	Funds segregation type
44	GuaranteeFund	Guarantee fund. Identifies a guarantee fund related to an account. Used when one account has multiple funds of collateral, each guaranteeing different positions. Can be used for PartyRole(452) = Customer Account(24).
45	SwapDealer	Swap dealer. The US regulator's defined term for identifying the trade counterparty as "any person who holds itself out as a dealer in swaps, makes a market in swaps, regularly enters into swaps with counterparties as an ordinary course of business for its own account, or engages in activity causing itself to be commonly known in the trade as a dealer or market maker in swaps".
46	MajorParticipant	Major participant. When PartySubID(523)=Y the counterparty is not the swap dealer but is a major swap participant as defined in the regulations.
47	FinancialEntity	Financial entity. When PartySubID(523)=Y the counterparty is neither a swap dealer nor a major swap participant but is a financial entity as defined in the regulations.
48	USPerson	U.S. person. A legal term referring to any U.S. person or legal entity anywhere in the world that should be taxed under U.S. law.
49	ReportingEntityIndicator	Reporting entity indicator. Indicates the entity obligated or delegated to report to their regulator, a non-regulatory agency or data repository. Set PartySubID(523)=Y if true.

<b>Code</b>	<b>Name</b>	<b>Description</b>
50	ElectedClearingRequirementException	Elected clearing requirement exception
51	BusinessCenter	Business center.
52	ReferenceText	Reference text
53	ShortMarkingExemptAccount	Short-marking exempt account
54	ParentFirmIdentifier	Parent firm identifier. Implementation-specific identifier of this party's parent entity.
55	ParentFirmName	Parent firm name. Full name of this party's parent entity.
56	DealIdentifier	Deal identifier. The internal identifier assigned to the trade by this party, particularly by a Clearing Organization.
57	SystemTradeID	System trade identifier
58	SystemTradeSubID	System trade sub-identifier
59	FCMCode	Futures Commission Merchant (FCM) code. The FCM's code or identifier in relation to the PartyRole(452). For example, if PartyRole(452) is the exchange or clearinghouse, the FCM code/ID specified in PartySubID(523) is the FCM's identifier at the exchange or clearinghouse.
60	DlvryTrmlCode	Delivery terminal customer account/code. Usually used for gas delivery to identify whose account the gas is allocated to at the delivery terminal. Often referred to as "HUB" code.
61	VolntyRptEntity	Voluntary reporting entity. The entity voluntarily reporting the trade to the regulator. Set PartySubID(523)=Y if true.
62	RptObligJurisdiction	Reporting obligation jurisdiction. For a trade that falls under multiple jurisdictions this may be used to identify, through PartySubID(523), the reporting jurisdiction to which the party is obligated to report.
63	VolntyRptJurisdiction	Voluntary reporting jurisdiction. For a trade that falls under multiple jurisdictions this may be used to identify, through PartySubID(523), the regulatory jurisdiction to which the party is submitting a voluntary report.

Code	Name	Description
64	CompanyActivities	Company activities. For regulatory reporting. ID values include: A = Assurance undertaking authorized in accordance with Directive 2002/83/EC C=Credit institution authorized in accordance with Directive 2006/48/EC F=Investment firm in accordance with Directive 2004/39/EC I=Insurance undertaking authorized in accordance with Directive 73/239/EC L=Alternative investment fund managed by AIFMs authorized or registered in accordance with Directive 2011/61/EC O=Institution for occupational retirement provision within the meaning of Article 6(a0 of Directive 2003/41/EC R=Reinsurance undertaking authorized in accordance with Directive 2005/68/EC U=UCITS and its management company, authorized in accordance with Directive 2009/65/EC or blank in case of coverage by LEI or in case of non-financial counterparties. In the context of EU SFTR reporting use the appropriate 4- or 1-character code noted in the regulations. See SFTR ITS "Commission Implementing Regulation (EU) 2019/363" Annexes 1 and 2 for values.
65	EEAreaDomiciled	European Economic Area domiciled. ID values: Y or N
66	ContractLinked	Contract linked to commercial or treasury financing for this counterparty. ID values: Y or N
67	ContractAbove	Contract above clearing threshold for this counterparty. ID values: Y or N
68	VolntyRptPty	Voluntary reporting party. When PartySubID(523)=Y, identifies that the trading party is reporting voluntarily when VoluntaryRegulatoryReport(1935)=Y.
69	EndUser	End user. When PartySubID(523)=Y, the counterparty is neither the swap dealer, major swap participant nor financial entity as defined in the regulations.
70	LocationOrJurisdiction	Location or jurisdiction. One or more instances may be used in combination with PartySubIDType(803) = 49 (Reporting entity indicator) or 102 (Data repository) to identify the jurisdiction, countries, regions or provinces for which the party is a reporting entity or data repository when that characteristic is ambiguous or where there are multiple locations. The party sub-ID value is either a jurisdiction acronym, a 2-character ISO 3166 country code, or a hyphenated combination of the country code and the standard post-office abbreviation for province, state or region if necessary. E.g. "US" for United States or "CA-QC" for Quebec Canada.

Code	Name	Description
71	DerivativesDealer	Derivatives dealer. Indicates whether the party is a derivatives dealer or not (Y/N). The Canadian regulator's defined term for identifying the trade counterparty as "a person or company engaging in or holding himself, herself or itself out as engaging in the business of trading in derivatives in Ontario as principal or agent".
72	Domicile	Domicile. Country and optionally province, state or region of domicile. The party sub-ID value is either a 2-character ISO 3166 country code or a hyphenated combination of the country code and the standard post-office abbreviation of province, state or region if necessary. E.g. "US" for United States or "CA-QC" for Quebec Canada.
73	ExemptFromRecognition	Exempt from recognition. Used with party role 21 "Clearing Organization" to indicate exemption (Y/N). Identifies a clearing agency as exempt from oversight in Ontario, i.e. one that 1) only provides limited services and does not present significant risks or 2) is foreign-based, intends to operate in Ontario but is subject to regulatory oversight in another jurisdiction.
74	Payer	Payer. Identifies the party as the payer of a particular payment stream or bullet payment by quoting the stream's StreamDesc(40051) (or LegStreamDesc(40243) or UnderlyingStreamDesc(40542)) or payment's PaymentDesc(43087) in the associated party sub-identifier field.
75	Receiver	Receiver. Identifies the party as the receiver of a particular payment stream or bullet payment by quoting the stream's StreamDesc(40051) (or LegStreamDesc(40243) or UnderlyingStreamDesc(40542)) or payment's PaymentDesc(43087) in the associated party sub-identifier field.
76	SystematicInternaliser	Systematic Internaliser (SI). In the context of ESMA reporting, this is used to indicate whether the specified party is a Systematic Internaliser or not for the security defined in the Instrument component (Y/N).
77	PublishingEntityIndicator	Publishing entity indicator. Indicates the entity obligated or delegated to publish to the market. Set PartySubID(523)=Y if true.
78	FirstName	First name. The first name(s) of a natural person. If multiple names, separate entries by a comma.
79	Surname	Surname. The surname(s) or lastname(s) of a natural person. If multiple names, separate entries by a comma.



Code	Name	Description
80	DateOfBirth	Date of birth. The date of birth of a natural person in the format YYYYMMDD.
81	OrderTransmittingFirm	Order transmitting firm. Identifies whether the party specified in PartyID(448) is the firm that transmitted the order. In the context of RTS 22 Article 4, when "true" the PartySubID(523)=Y shall be set "by the transmitting firm within the transmitting firm's report where conditions for transmission specified in Article 4 were not satisfied."
82	OrderTransmittingFirmBuyer	Order transmitting firm for buyer. Identifies the firm that transmitted the order for the buyer. In the context of ESMA RTS 22, PartySubID(523)=Y is used to indicate the firm identified in PartyID(448) is the firm that transmitted the order for the buyer. "This shall be populated by the receiving firm within the receiving firm's report with the identification code provided by the transmitting firm."
83	OrderTransmitterSeller	Order transmitter for seller. Identifies the order transmitting firm for the seller. In the context of ESMA RTS 22, PartySubID(523)=Y is used to indicate the firm identified in PartyID(448) is the firm that transmitted the order for the seller. "This shall be populated by the receiving firm within the receiving firm's report with the identification code provided by the transmitting firm."
84	LegalEntityIdentifier	Legal Entity Identifier (ISO 17442) LEI
85	SubSectorClassification	Sub-sector classification. Supplemental to party sub-ID type "64" (Company activities) for regulatory reporting. For EU SFTR reporting use the appropriate 4-character code noted in the regulations applying the conditional association rules. See SFTR ITS "Commission Implementing Regulation (EU) 2019/363" Annexes 1 and 2 for values.
86	PartySide	Party side. May be used, when appropriate, to explicitly indicate the transaction side of the party, e.g. Buyer, Seller, Lender, Borrower, Maker, Taker, etc. in the ID. In the context of EU SFTR reporting, use values as required by SFTR, "GIVE" and "TAKE" in the ID, to identify collateral giver and taker.
87	LegalRegistrationCountry	Legal registration country. ISO Country Code where the registered office of the party is located as specified in the LEI reference data.

Used in groups: [NstdPtys4SubGrp](#)

**170.2.2936 NestedInstrAttribType**

Code to represent the type of instrument attribute

Type: **int**

Allowed values in InstrAttribTypeCodeSet:

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<b>Code</b>	<b>Name</b>	<b>Description</b>
1	Flat	Flat (securities pay interest on a current basis but are traded without interest)
2	ZeroCoupon	Zero coupon
3	InterestBearing	Interest bearing (for Euro commercial paper when not issued at discount)
4	NoPeriodicPayments	No periodic payments
5	VariableRate	Variable rate
6	LessFeeForPut	Less fee for put
7	SteppedCoupon	Stepped coupon
8	CouponPeriod	Coupon period (if not semi-annual). Supply redemption date in the InstrAttribValue(872) field.
9	When	When [and if] issued
10	OriginalIssueDiscount	Original issue discount
11	Callable	Callable, puttable
12	EscrowedToMaturity	Escrowed to Maturity
13	EscrowedToRedemptionDate	Escrowed to redemption date - callable. Supply redemption date in the InstrAttribValue(872) field.
14	PreRefunded	Pre-refunded
15	InDefault	In default
16	Unrated	Unrated
17	Taxable	Taxable
18	Indexed	Indexed
19	SubjectToAlternativeMinimumTax	Subject To Alternative Minimum Tax
20	OriginalIssueDiscountPrice	Original issue discount price. Supply price in the InstrAttribValue(872) field.
21	CallableBelowMaturityValue	Callable below maturity value
22	CallableWithoutNotice	Callable without notice by mail to holder unless registered
23	PriceTickRulesForSecurity	Price tick rules for security
24	TradeTypeEligibilityDetailsForSecurity	Trade type eligibility details for security

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Code	Name	Description
25	InstrumentDenominator	Instrument denominator
26	InstrumentNumerator	Instrument numerator
27	InstrumentPricePrecision	Instrument price precision
28	InstrumentStrikePrice	Instrument strike price
29	TradeableIndicator	Tradeable indicator
30	InstrumentEligibleAnonOrders	Instrument is eligible to accept anonymous orders
31	MinGuaranteedFillVolume	Minimum guaranteed fill volume
32	MinGuaranteedFillStatus	Minimum guaranteed fill status
33	TradeAtSettlementEligibility	Trade at settlement (TAS) eligibility
34	TestInstrument	Test instrument. Instrument that is tradable but has no effect on the positions, exchange turnover etc.
35	DummyInstrument	Dummy instrument. Instrument that is normally halted and is only activated for trading under very special conditions (e.g. temporarily assigned for newly listed instrument). Use of a dummy instrument generally applies to systems that are unable to add reference data for new instruments intraday.
36	NegativeSettlementPriceEligibility	Negative settlement price eligibility
37	NegativeStrikePriceEligibility	Negative strike price eligibility
38	USStdContractInd	US standard contract indicator. Indicates through InstrAttribValue(872) - values Y or N - whether the underlying asset in the trade references or is economically related to a contract listed in Appendix B of CFTC Part 43 regulation. See <a href="http://www.ecfr.gov/cgi-bin/text-idx?SID=4b2d1078ad68f6564a89d7ff6c52ec43&amp;node=17:2.0.1.1.3.0.1.8.2&amp;rgn=div">http://www.ecfr.gov/cgi-bin/text-idx?SID=4b2d1078ad68f6564a89d7ff6c52ec43&amp;node=17:2.0.1.1.3.0.1.8.2&amp;rgn=div</a> or refer to Appendix B to Part 43 in the final rule at <a href="http://www.cftc.gov/ucm/groups/public/@lrfederalregister/documents/file/2013-12133a.pdf">http://www.cftc.gov/ucm/groups/public/@lrfederalregister/documents/file/2013-12133a.pdf</a>
39	AdmittedToTradingOnTradingVenue	Admitted to trading on a trading venue
40	AverageDailyNotionalAmount	Average daily notional amount
41	AverageDailyNumberTrades	Average daily number of trades
99	Text	Text. Supply the text value in InstrAttribValue(872).

Used in groups: **NestedInstrumentAttribute**

### 170.2.2937 NestedInstrAttribValue

Attribute value appropriate to the NestedInstrAttribType field

Type: [String](#)

Used in groups: [NestedInstrumentAttribute](#)

### 170.2.2938 NestedInstrumentAttribute

Name	Mult.	Type	Description
<a href="#">NoNestedInstrAttrib</a>	[1..1]	NumInGroup	
<a href="#">NestedInstrAttribType</a>	[0..1]	CodeSet	Code to represent the type of instrument attribute
<a href="#">NestedInstrAttribValue</a>	[0..1]	String	Attribute value appropriate to the NestedInstrAttribType field

Used in components: [SecurityTradingRules](#)

### 170.2.2939 NestedParties2

The NestedParties2 component block is identical to the Parties Block. It is used in other component blocks and repeating groups when nesting will take place resulting in multiple occurrences of the Parties block within a single FIX message. Use of NestedParties2 under these conditions avoids multiple references to the Parties block within the same message which is not allowed in FIX tag/value syntax.

Name	Mult.	Type	Description
<a href="#">NoNested2PartyIDs</a>	[1..1]	NumInGroup	Repeating group below should contain unique combinations of Nested2PartyID, Nested2PartyIDSource, and Nested2PartyRole
<a href="#">Nested2PartyID</a>	[0..1]	String	Used to identify source of Nested2PartyID. Required if Nested2PartyIDSource is specified. Required if NoNested2PartyIDs > 0.
<a href="#">Nested2PartyIDSource</a>	[0..1]	CodeSet	Used to identify class source of Nested2PartyID value (e.g. BIC). Required if Nested2PartyID is specified. Required if NoNested2PartyIDs > 0.
<a href="#">Nested2PartyRole</a>	[0..1]	CodeSet	Identifies the type of Nested2PartyID (e.g. Executing Broker). Required if NoNested2PartyIDs > 0.
<a href="#">Nested2PartyRoleQualifier</a>	[0..1]	CodeSet	
<a href="#">NstdPtys2SubGrp</a>	[0..*]	Group	Repeating group of Nested2Party sub-identifiers.

Used in groups: [LegPreAllocGrp](#), [OrdAllocGrp](#), [TrdAllocGrp](#)

### 170.2.2940 NestedParties3

The NestedParties3 component block is identical to the Parties Block. It is used in other component blocks and repeating groups when nesting will take place resulting in multiple occurrences of the Parties block within a single FIX message. Use of NestedParties3 under these conditions avoids multiple references to the Parties block within the same message which is not allowed in FIX tag/value syntax.

Name	Mult.	Type	Description
NoNested3PartyIDs	[1..1]	NumInGroup	Repeating group below should contain unique combinations of Nested3PartyID, Nested3PartyIDSource, and Nested3PartyRole
Nested3PartyID	[0..1]	String	Used to identify source of Nested3PartyID. Required if Nested3PartyIDSource is specified. Required if NoNested3PartyIDs > 0.
Nested3PartyIDSource	[0..1]	CodeSet	Used to identify class source of Nested3PartyID value (e.g. BIC). Required if Nested3PartyID is specified. Required if NoNested3PartyIDs > 0.
Nested3PartyRole	[0..1]	CodeSet	Identifies the type of Nested3PartyID (e.g. Executing Broker). Required if NoNested3PartyIDs > 0.
Nested3PartyRoleQualifier	[0..1]	CodeSet	
NstdPtys3SubGrp	[0..*]	Group	Repeating group of Nested3Party sub-identifiers.

Used in groups: [InstrmtLegExecGrp](#), [PreAllocMlegGrp](#), [SideCrossLegGrp](#), [TrdInstrmtLegExecGrp](#)

### 170.2.2941 NestedParties4

The NestedParties4 component block is identical to the Parties Block. It is used in other component blocks and repeating groups when nesting will take place resulting in multiple occurrences of the Parties block within a single FIX message. Use of NestedParties4 under these conditions avoids multiple references to the Parties block within the same message which is not allowed in FIX tag/value syntax.

Name	Mult.	Type	Description
NoNested4PartyIDs	[1..1]	NumInGroup	Repeating group below should contain unique combinations of Nested4PartyID, Nested4PartyIDSource, and Nested4PartyRole.

Name	Mult.	Type	Description
<a href="#">Nested4PartyID</a>	[0..1]	String	Used to identify source of Nested4PartyID. Required if Nested4PartyIDSource is specified. Required if NoNested4PartyIDs > 0.
<a href="#">Nested4PartyIDSource</a>	[0..1]	CodeSet	Used to identify class source of Nested4PartyID value (e.g. BIC). Required if Nested4PartyID is specified. Required if NoNested4PartyIDs > 0.
<a href="#">Nested4PartyRole</a>	[0..1]	CodeSet	Identifies the type of Nested4PartyID (e.g. Executing Broker). Required if NoNested4PartyIDs > 0.
<a href="#">Nested4PartyRoleQualifier</a>	[0..1]	CodeSet	
<a href="#">NstdPtys4SubGrp</a>	[0..*]	Group	

Used in groups: [FillsGrp](#)

### 170.2.2942 NestedParties

The NestedParties component block is identical to the Parties Block. It is used in other component blocks and repeating groups when nesting will take place resulting in multiple occurrences of the Parties block within a single FIX message. Use of NestedParties under these conditions avoids multiple references to the Parties block within the same message which is not allowed in FIX tag/value syntax.

Name	Mult.	Type	Description
<a href="#">NoNestedPartyIDs</a>	[1..1]	NumInGroup	Repeating group below should contain unique combinations of NestedPartyID, NestedPartyIDSource, and NestedPartyRole
<a href="#">NestedPartyID</a>	[0..1]	String	Used to identify source of NestedPartyID. Required if NestedPartyIDSource is specified. Required if NoNestedPartyIDs > 0.
<a href="#">NestedPartyIDSource</a>	[0..1]	CodeSet	Used to identify class source of NestedPartyID value (e.g. BIC). Required if NestedPartyID is specified. Required if NoNestedPartyIDs > 0.
<a href="#">NestedPartyRole</a>	[0..1]	CodeSet	Identifies the type of NestedPartyID (e.g. Executing Broker). Required if NoNestedPartyIDs > 0.
<a href="#">NestedPartyRoleQualifier</a>	[0..1]	CodeSet	
<a href="#">NstdPtysSubGrp</a>	[0..*]	Group	Repeating group of NestedParty sub-identifiers.

Used in components: [MDStatisticParameters](#), [SettlTradeDetails](#)

Used in groups: [AllocAckGrp](#), [AllocGrp](#), [ApplIDRequestAckGrp](#), [ApplIDRequestGrp](#), [LegOrdGrp](#), [LegQuotGrp](#), [LegQuotStatGrp](#), [PositionQty](#), [PreAllocGrp](#), [QuotReqLegsGrp](#), [RgstDtIsGrp](#), [TrdInstrmtLegGrp](#)

### 170.2.2943 NestedPartyID

PartyID value within a nested repeating group.

Same values as PartyID (448)

Type: **String**

Used in groups: [NestedParties](#)

### 170.2.2944 NestedPartyIDSource

PartyIDSource value within a nested repeating group.

Same values as PartyIDSource (447)

Type: **char**

Allowed values in PartyIDSourceCodeSet:

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Code	Name	Description
1	KoreanInvestorID	Korean Investor ID
6	UKNationalInsuranceOrPension- Number	UK National Insurance or Pension Number
B	BIC	BIC (Bank Identification Code - SWIFT managed) code (ISO9362 - See "Appendix 6-B")
I	ISITCAcronym	Directed broker three character acronym as defined in ISITC "ETC Best Practice" guidelines document
2	TaiwaneseForeignInvestorID	Taiwanese Qualified Foreign Investor ID QFII/FID
7	USSocialSecurityNumber	US Social Security Number
C	GeneralIdentifier	Generally accepted market participant identifier (e.g. NASD mnemonic)
3	TaiwaneseTradingAcct	Taiwanese Trading Acct
8	USEmployerOrTaxIDNumber	US Employer or Tax ID Number
D	Proprietary	Proprietary / Custom code. Custom ID schema used between counterparties, trading platforms and repositories.
4	MalaysianCentralDepository	Malaysian Central Depository (MCD) number
9	AustralianBusinessNumber	Australian Business Number

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Code	Name	Description
E	ISOCountryCode	ISO Country Code
5	ChineseInvestorID	Chinese Investor ID
A	AustralianTaxFileNumber	Australian Tax File Number
F	SettlementEntityLocation	Settlement Entity Location (note if Local Market Settlement use "E=ISO Country Code") (see "Appendix 6-G" for valid values)
G	MIC	Market Identifier Code (ISO 10383) MIC
J	TaxID	Tax ID
H	CSDParticipant	CSD participant/member code (e.g. Euroclear, DTC, CREST or Kassenverein number)
K	AustralianCompanyNumber	Australian Company Number
L	AustralianRegisteredBodyNumber	Australian Registered Body Number
M	CFTCReportingFirmIdentifier	CFTC reporting firm identifier
N	LegalEntityIdentifier	Legal Entity Identifier (ISO 17442) LEI
O	InterimIdentifier	Interim identifier. An interim entity identifier assigned by a regulatory agency prior to an LEI (ISO 17442) being assigned.
P	ShortCodeIdentifier	Short code identifier. A generic means for trading venues, brokers, investment managers to convey a bilaterally agreed upon "short hand" code for an identifier that is a reference to a mapping between the parties.
Q	NationalIDNaturalPerson	National ID of natural person. An identification number generally assigned by a government authority or agency to a natural person which is unique to the person it is assigned to. Examples include, but not limited to, "social security number", "pension number".
R	IndiaPermanentAccountNumber	India Permanent Account Number. Also referred to as PAN ID. An identifier issued by the Income Tax Department of India.
S	FDID	Firm designated identifier. Also referred to as FDID. A unique identifier required by the SEC for each trading account designated by Industry Members for purposes of reporting to CAT (Consolidated Audit Trail).
T	SPSAID	Special Segregated Account ID. Also referred to as SPSA ID. The Special Segregated Account identifier issued by Hong Kong Exchanges and Clearing.
U	MasterSPSAID	Master Special Segregated Account ID. Also referred to as Master SPSA ID. The master identifier issued by Hong Kong Exchanges and Clearing for the aggregation of SPSA IDs.

Used in groups: **NestedParties**



**170.2.2945 NestedPartyRole**

PartyRole value within a nested repeating group.

Same values as PartyRole (452)

Type: **int**

Allowed values in PartyRoleCodeSet:

<b>Code</b>	<b>Name</b>	<b>Description</b>
1	ExecutingFirm	Executing Firm (formerly FIX 4.2 ExecBroker)
2	BrokerOfCredit	Broker of Credit (formerly FIX 4.2 BrokerOfCredit)
3	ClientID	Client ID (formerly FIX 4.2 ClientID)
4	ClearingFirm	Clearing Firm (formerly FIX 4.2 ClearingFirm)
5	InvestorID	Investor ID
6	IntroducingFirm	Introducing Firm
7	EnteringFirm	Entering Firm
8	Locate	Locate / Lending Firm (for short-sales)
9	FundManagerClientID	Fund Manager Client ID (for CIV)
10	SettlementLocation	Settlement Location (formerly FIX 4.2 SettlLocation)
11	OrderOriginationTrader	Order Origination Trader (associated with Order Origination Firm - i.e. trader who initiates/submits the order)
12	ExecutingTrader	Executing Trader (associated with Executing Firm - actually executes)
13	OrderOriginationFirm	Order Origination Firm (e.g. buy-side firm)
14	GiveupClearingFirmDepr	Giveup Clearing Firm (firm to which trade is given up)
15	CorrespondantClearingFirm	Correspondant Clearing Firm
16	ExecutingSystem	Executing System
17	ContraFirm	Contra Firm
18	ContraClearingFirm	Contra Clearing Firm
19	SponsoringFirm	Sponsoring Firm
20	UnderlyingContraFirm	Underlying Contra Firm
21	ClearingOrganization	Clearing Organization
22	Exchange	Exchange. Identify using PartyIDSource(tag 447) = G (Market Identifier Code) if the MIC exists.
24	CustomerAccount	Customer Account
25	CorrespondentClearingOrganization	Correspondent Clearing Organization
26	CorrespondentBroker	Correspondent Broker

<b>Code</b>	<b>Name</b>	<b>Description</b>
27	Buyer	Buyer/Seller (Receiver/Deliverer)
28	Custodian	Custodian
29	Intermediary	Intermediary
30	Agent	Agent
31	SubCustodian	Sub-custodian
32	Beneficiary	Beneficiary
33	InterestedParty	Interested party
34	RegulatoryBody	Regulatory body. In the context of regulatory reporting, this identifies the regulator the trade is being reported to.
35	LiquidityProvider	Liquidity provider
36	EnteringTrader	Entering trader
37	ContraTrader	Contra trader
38	PositionAccount	Position account. The account which positions are maintained. Typically represents the aggregation of one or more customer accounts.
39	ContraInvestorID	Contra Investor ID
40	TransferToFirm	Transfer to Firm
41	ContraPositionAccount	Contra Position Account
42	ContraExchange	Contra Exchange
43	InternalCarryAccount	Internal Carry Account
44	OrderEntryOperatorID	Order Entry Operator ID
45	SecondaryAccountNumber	Secondary Account Number
46	ForeignFirm	Foreign Firm
47	ThirdPartyAllocationFirm	Third Party Allocation Firm
48	ClaimingAccount	Claiming Account
49	AssetManager	Asset Manager
50	PledgorAccount	Pledgor Account
51	PledgeeAccount	Pledgee Account
52	LargeTraderReportableAccount	Large Trader Reportable Account
53	TraderMnemonic	Trader mnemonic
54	SenderLocation	Sender Location
55	SessionID	Session ID
56	AcceptableCounterparty	Acceptable Counterparty
57	UnacceptableCounterparty	Unacceptable Counterparty
58	EnteringUnit	Entering Unit

<b>Code</b>	<b>Name</b>	<b>Description</b>
59	ExecutingUnit	Executing Unit
60	IntroducingBroker	Introducing Broker
61	QuoteOriginator	Quote originator
62	ReportOriginator	Report originator
63	SystematicInternaliser	Systematic internaliser (SI)
64	MultilateralTradingFacility	Multilateral Trading Facility (MTF). Identify using PartyIDSource(tag 447) = G (Market Identifier Code) if the MIC exists.
65	RegulatedMarket	Regulated Market (RM). Identify using PartyIDSource(tag 447) = G (Market Identifier Code) if the MIC exists.
66	MarketMaker	Market Maker
67	InvestmentFirm	Investment Firm
68	HostCompetentAuthority	Host Competent Authority (Host CA)
69	HomeCompetentAuthority	Home Competent Authority (Home CA)
70	CompetentAuthorityLiquidity	Competent Authority of the most relevant market in terms of liquidity (CAL)
71	CompetentAuthorityTransactionVenue	Competent Authority of the Transaction (Execution) Venue (CATV)
72	ReportingIntermediary	Reporting intermediary. The medium or vendor used to report to a regulator, non-regulatory agency or data repository.
73	ExecutionVenue	Execution Venue. Identify using PartyIDSource(tag 447) = G (Market Identifier Code) if the MIC exists.
74	MarketDataEntryOriginator	Market data entry originator
75	LocationID	Location ID
76	DeskID	Desk ID
77	MarketDataMarket	Market data market
78	AllocationEntity	Allocation Entity
79	PrimeBroker	Prime Broker providing General Trade Services
80	StepOutFirm	Step-Out Firm (Prime Broker)
81	BrokerClearingID	Broker clearing identifier
82	CentralRegistrationDepository	Central Registration Depository (CRD)
83	ClearingAccount	Clearing Account
84	AcceptableSettlingCounterparty	Acceptable Settling Counterparty
85	UnacceptableSettlingCounterparty	Unacceptable Settling Counterparty
86	CLSMemberBank	CLS Member Bank
87	InConcertGroup	In Concert Group

<b>Code</b>	<b>Name</b>	<b>Description</b>
88	InConcertControllingEntity	In Concert Controlling Entity
89	LargePositionsReportingAccount	Large Positions Reporting Account
90	SettlementFirm	Settlement Firm
91	SettlementAccount	Settlement account. The account to which individual payment obligations are aggregated for netting and funds movement. Typically represents the aggregation of many margin (performance bond) accounts.
92	ReportingMarketCenter	Reporting Market Center
93	RelatedReportingMarketCenter	Related Reporting Market Center
94	AwayMarket	Away Market. Identify using PartyIDSource(tag 447) = G (Market Identifier Code) if the MIC exists.
95	GiveupTradingFirm	Give-up (trading) firm
96	TakeupTradingFirm	Take-up (trading) firm
97	GiveupClearingFirm	Give-up clearing firm
98	TakeupClearingFirm	Take-up clearing firm
99	OriginatingMarket	Originating Market. Identifies the Market using PartyIDSource(tag 447) = G (Market Identifier Code) where an order originated in the event that the order is sent to an alternative market for execution. Serves as an inverse of an away market.
100	MarginAccount	Margin account. Also referred to as "performance bond account". The margin account is the calculated margin requirements. Typically represents the aggregation of one or more position accounts.
101	CollateralAssetAccount	Collateral asset account. The account at which individual collateral assets are maintained. Typically, although not always, one-for-one with the settlement account.
102	DataRepository	Data repository. Multiple instances of this PartyRole may appear for reporting purposes.
103	CalculationAgent	Calculation agent
104	ExerciseNoticeSender	Sender of exercise notice
105	ExerciseNoticeReceiver	Receiver of exercise notice
106	RateReferenceBank	Rate reference bank. The bank providing the reference rate. Multiple instance of this PartyRole may appear.
107	Correspondent	Correspondent
109	BeneficiaryBank	Beneficiary's bank or depository institution. The institution in which the beneficiary, a person or an entity, has their account with. The institution may be a bank or non-bank institution.

<b>Code</b>	<b>Name</b>	<b>Description</b>
110	Borrower	Borrower
111	PrimaryObligator	Primary obligator
112	Guarantor	Guarantor
113	ExcludedReferenceEntity	Excluded reference entity
114	DeterminingParty	Determining party
115	HedgingParty	Hedging party
116	ReportingEntity	Reporting entity. The entity that is reporting the information.
117	SalesPerson	Sales person. The person who is involved in the sales activities for their firm.
118	Operator	Operator. The person who has the capabilities and authorization to take certain actions; for example, setting entitlements, etc.
119	CSD	Central Securities Depository (CSD)
120	ICSD	International Central Securities Depository (ICSD)
121	TradingSubAccount	Trading sub-account. Example of sub-accounts include a clearing account that has multiple trading sub-accounts, a trading account that has multiple trading sub-accounts belonging to different trading firms.
122	InvestmentDecisionMaker	Investment decision maker. In the context of ESMA RTS reporting, this is used to specify party responsible for the investment decision. See RTS 24, Annex, Table 2, Field 4.
123	PublishingIntermediary	Publishing intermediary. The medium or vendor used to publish to the market.
124	CSDParticipant	Central Securities Depository (CSD) Participant. In the context of EU SFTR reporting the identifier of the CSD participant or indirect participant of the reporting counterparty. Where both the CSD participant and indirect participant are involved in the transaction this should identify the indirect participant.
125	Issuer	Issuer. The issuer of the security.
126	ContraCustomerAccount	Contra Customer Account. Same as PartyRole(452) = 24 (Customer Account) but for the counterparty. Can be used whenever the parties component is not nested in a repeating group representing both sides.
127	ContraInvestmentDecisionMaker	Contra Investment Decision Maker. Same as PartyRole(452) = 122 (Investment Decision Maker) but for the counterparty. Can be used whenever the parties component is not nested in a repeating group representing both sides.

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Used in groups: [NestedParties](#)

### 170.2.2946 NestedPartyRoleQualifier

Used to further qualify the value of NestedPartyRole(538).

Type: [int](#)

Allowed values in PartyDetailRoleQualifierCodeSet:

Code	Name	Description
0	Agency	Agency
1	Principal	Principal
2	RisklessPrincipal	Riskless principal
3	GeneralClearingMember	General clearing member
30	ExchangeOrderSubmitter	Exchange order submitter. Used to identify original or initial exchange order submitting broker when party role "1" (Executing Firm) appears more than once.
4	IndividualClearingMember	Individual clearing member
5	PreferredMarketMaker	Preferred market maker. Market maker getting a part of the matched quantity before primary or default market maker.
6	DirectedMarketMaker	Directed market maker. Single market maker to handle the order provided.
7	Bank	Bank
8	Hub	Hub. Indicates that the Intermediary party is a hub system or service provider.
9	PrimaryTrdRepository	Primary trade repository. Used to differentiate the principal trade repository from the Original or Additional trade repositories when there are multiple trade repositories being reported.
10	OrigTrdRepository	Original trade repository. Used to identify the trade repository to which the trade was originally reported if different from the current repository to which the trade is being reported.
11	AddtnIntlTrdRepository	Additional international trade repository. Used with InternationalSwapIndicator(2526) to identify the trade repository that is in addition to the local swaps data repository as required by U.S. law.
12	AddtnDomesticTrdRepository	Additional domestic trade repository. Used with MixedSwapIndicator(1929) to identify the trade repository that is in addition to the current trade repository when the assets in the swap are subject to two different domestic regulators.

Code	Name	Description
13	RelatedExchange	Related exchange
14	OptionsExchange	Options exchange
15	SpecifiedExchange	Specified exchange
16	ConstituentExchange	Constituent exchange.
17	ExemptFromTradeReporting	Exempt from trade reporting. In the context of FINRA TRACE reporting requirements, this is used to indicate the ATS has been granted a regulatory exemption from reporting.
18	Current	Current. Can be used to convey an existing party identifier for the same party role in a single message.
19	New	New. Can be used to convey a future party identifier for the same party role in a single message.
20	DesignatedSponsor	Designated sponsor. Market maker jointly providing liquidity for the same security with other market makers.
21	Specialist	Specialist. Market maker being the only one providing liquidity for a security.
22	Algorithm	Algorithm
23	FirmOrLegalEntity	Firm or legal entity
24	NaturalPerson	Natural person
25	RegularTrader	Regular trader. Standard trader profile.
26	HeadTrader	Head trader. Senior trader leading a group of regular traders.
27	Supervisor	Supervisor. Administrative user that has only limited rights for normal trading but possibly special rights for emergency actions.
28	TriParty	Tri-party. In the context of EU SFTR reporting, identifies the third party, not necessarily the custodian, to which the reporting counterparty has outsourced the post-trade processing of an SFT (if applicable).
29	Lender	Lender. In the context of EU SFTR reporting, identifies the agent lender involved in the securities lending transaction.

---

Used in groups: [NestedParties](#)

### **170.2.2947 NestedPartySubID**

PartySubID value within a nested repeating group.

Same values as PartySubID (523)

Type: **String**

Used in groups: **NstdPtysSubGrp**

### **170.2.2948 NestedPartySubIDType**

Type of NestedPartySubID (545) value.

Same values as PartySubIDType (803)

Type: **int**

Allowed values in PartySubIDTypeCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
1	Firm	Firm
2	Person	Person
3	System	System
4	Application	Application
5	FullLegalNameOfFirm	Full legal name of firm
6	PostalAddress	Postal address
7	PhoneNumber	Phone number
8	EmailAddress	Email address
9	ContactName	Contact name
10	SecuritiesAccountNumber	Securities account number (for settlement instructions)
11	RegistrationNumber	Registration number (for settlement instructions and confirmations)
12	RegisteredAddressForConfirmation	Registered address (for confirmation purposes)
13	RegulatoryStatus	Regulatory status (for confirmation purposes)
14	RegistrationName	Registration name (for settlement instructions)
15	CashAccountNumber	Cash account number (for settlement instructions)
16	BIC	BIC
17	CSDParticipantMemberCode	CSD participant member code
18	RegisteredAddress	Registered address
19	FundAccountName	Fund account name
20	TelexNumber	Telex number
21	FaxNumber	Fax number
22	SecuritiesAccountName	Securities account name
23	CashAccountName	Cash account name

---



<b>Code</b>	<b>Name</b>	<b>Description</b>
24	Department	Department
25	LocationDesk	Location desk
26	PositionAccountType	Position account type
27	SecurityLocateID	Security locate ID
28	MarketMaker	Market maker
29	EligibleCounterparty	Eligible counterparty
30	ProfessionalClient	Professional client
31	Location	Location
32	ExecutionVenue	Execution venue
33	CurrencyDeliveryIdentifier	Currency delivery identifier
34	AddressCity	Address City
35	AddressStateOrProvince	Address State/Province
36	AddressPostalCode	Address Postal Code
37	AddressStreet	Address Street
38	AddressISOCountryCode	Address Country (ISO country code)
39	ISOCountryCode	ISO country code
40	MarketSegment	Market segment
41	CustomerAccountType	Customer account type
42	OmnibusAccount	Omnibus account
43	FundsSegregationType	Funds segregation type
44	GuaranteeFund	Guarantee fund. Identifies a guarantee fund related to an account. Used when one account has multiple funds of collateral, each guaranteeing different positions. Can be used for PartyRole(452) = Customer Account(24).
45	SwapDealer	Swap dealer. The US regulator's defined term for identifying the trade counterparty as "any person who holds itself out as a dealer in swaps, makes a market in swaps, regularly enters into swaps with counterparties as an ordinary course of business for its own account, or engages in activity causing itself to be commonly known in the trade as a dealer or market maker in swaps".
46	MajorParticipant	Major participant. When PartySubID(523)=Y the counterparty is not the swap dealer but is a major swap participant as defined in the regulations.
47	FinancialEntity	Financial entity. When PartySubID(523)=Y the counterparty is neither a swap dealer nor a major swap participant but is a financial entity as defined in the regulations.

<b>Code</b>	<b>Name</b>	<b>Description</b>
48	USPerson	U.S. person. A legal term referring to any U.S. person or legal entity anywhere in the world that should be taxed under U.S. law.
49	ReportingEntityIndicator	Reporting entity indicator. Indicates the entity obligated or delegated to report to their regulator, a non-regulatory agency or data repository. Set PartySubID(523)=Y if true.
50	ElectedClearingRequirementException	Elected clearing requirement exception
51	BusinessCenter	Business center.
52	ReferenceText	Reference text
53	ShortMarkingExemptAccount	Short-marking exempt account
54	ParentFirmIdentifier	Parent firm identifier. Implementation-specific identifier of this party's parent entity.
55	ParentFirmName	Parent firm name. Full name of this party's parent entity.
56	DealIdentifier	Deal identifier. The internal identifier assigned to the trade by this party, particularly by a Clearing Organization.
57	SystemTradeID	System trade identifier
58	SystemTradeSubID	System trade sub-identifier
59	FCMCode	Futures Commission Merchant (FCM) code. The FCM's code or identifier in relation to the PartyRole(452). For example, if PartyRole(452) is the exchange or clearinghouse, the FCM code/ID specified in PartySubID(523) is the FCM's identifier at the exchange or clearinghouse.
60	DlvryTrmlCode	Delivery terminal customer account/code. Usually used for gas delivery to identify whose account the gas is allocated to at the delivery terminal. Often referred to as "HUB" code.
61	VolntyRptEntity	Voluntary reporting entity. The entity voluntarily reporting the trade to the regulator. Set PartySubID(523)=Y if true.
62	RptObligJursdctn	Reporting obligation jurisdiction. For a trade that falls under multiple jurisdictions this may be used to identify, through PartySubID(523), the reporting jurisdiction to which the party is obligated to report.
63	VolntyRptJursdctn	Voluntary reporting jurisdiction. For a trade that falls under multiple jurisdictions this may be used to identify, through PartySubID(523), the regulatory jurisdiction to which the party is submitting a voluntary report.

Code	Name	Description
64	CompanyActivities	Company activities. For regulatory reporting. ID values include: A = Assurance undertaking authorized in accordance with Directive 2002/83/EC C=Credit institution authorized in accordance with Directive 2006/48/EC F=Investment firm in accordance with Directive 2004/39/EC I=Insurance undertaking authorized in accordance with Directive 73/239/EC L=Alternative investment fund managed by AIFMs authorized or registered in accordance with Directive 2011/61/EC O=Institution for occupational retirement provision within the meaning of Article 6(a0 of Directive 2003/41/EC R=Reinsurance undertaking authorized in accordance with Directive 2005/68/EC U=UCITS and its management company, authorized in accordance with Directive 2009/65/EC or blank in case of coverage by LEI or in case of non-financial counterparties. In the context of EU SFTR reporting use the appropriate 4- or 1-character code noted in the regulations. See SFTR ITS "Commission Implementing Regulation (EU) 2019/363" Annexes 1 and 2 for values.
65	EEAreaDomiciled	European Economic Area domiciled. ID values: Y or N
66	ContractLinked	Contract linked to commercial or treasury financing for this counterparty. ID values: Y or N
67	ContractAbove	Contract above clearing threshold for this counterparty. ID values: Y or N
68	VolntyRptPty	Voluntary reporting party. When PartySubID(523)=Y, identifies that the trading party is reporting voluntarily when VoluntaryRegulatoryReport(1935)=Y.
69	EndUser	End user. When PartySubID(523)=Y, the counterparty is neither the swap dealer, major swap participant nor financial entity as defined in the regulations.
70	LocationOrJurisdiction	Location or jurisdiction. One or more instances may be used in combination with PartySubIDType(803) = 49 (Reporting entity indicator) or 102 (Data repository) to identify the jurisdiction, countries, regions or provinces for which the party is a reporting entity or data repository when that characteristic is ambiguous or where there are multiple locations. The party sub-ID value is either a jurisdiction acronym, a 2-character ISO 3166 country code, or a hyphenated combination of the country code and the standard post-office abbreviation for province, state or region if necessary. E.g. "US" for United States or "CA-QC" for Quebec Canada.

<b>Code</b>	<b>Name</b>	<b>Description</b>
71	DerivativesDealer	Derivatives dealer. Indicates whether the party is a derivatives dealer or not (Y/N). The Canadian regulator's defined term for identifying the trade counterparty as "a person or company engaging in or holding himself, herself or itself out as engaging in the business of trading in derivatives in Ontario as principal or agent".
72	Domicile	Domicile. Country and optionally province, state or region of domicile. The party sub-ID value is either a 2-character ISO 3166 country code or a hyphenated combination of the country code and the standard post-office abbreviation of province, state or region if necessary. E.g. "US" for United States or "CA-QC" for Quebec Canada.
73	ExemptFromRecognition	Exempt from recognition. Used with party role 21 "Clearing Organization" to indicate exemption (Y/N). Identifies a clearing agency as exempt from oversight in Ontario, i.e. one that 1) only provides limited services and does not present significant risks or 2) is foreign-based, intends to operate in Ontario but is subject to regulatory oversight in another jurisdiction.
74	Payer	Payer. Identifies the party as the payer of a particular payment stream or bullet payment by quoting the stream's StreamDesc(40051) (or LegStreamDesc(40243) or UnderlyingStreamDesc(40542)) or payment's PaymentDesc(43087) in the associated party sub-identifier field.
75	Receiver	Receiver. Identifies the party as the receiver of a particular payment stream or bullet payment by quoting the stream's StreamDesc(40051) (or LegStreamDesc(40243) or UnderlyingStreamDesc(40542)) or payment's PaymentDesc(43087) in the associated party sub-identifier field.
76	SystematicInternaliser	Systematic Internaliser (SI). In the context of ESMA reporting, this is used to indicate whether the specified party is a Systematic Internaliser or not for the security defined in the Instrument component (Y/N).
77	PublishingEntityIndicator	Publishing entity indicator. Indicates the entity obligated or delegated to publish to the market. Set PartySubID(523)=Y if true.
78	FirstName	First name. The first name(s) of a natural person. If multiple names, separate entries by a comma.
79	Surname	Surname. The surname(s) or lastname(s) of a natural person. If multiple names, separate entries by a comma.

Code	Name	Description
80	DateOfBirth	Date of birth. The date of birth of a natural person in the format YYYYMMDD.
81	OrderTransmittingFirm	Order transmitting firm. Identifies whether the party specified in PartyID(448) is the firm that transmitted the order. In the context of RTS 22 Article 4, when "true" the PartySubID(523)=Y shall be set "by the transmitting firm within the transmitting firm's report where conditions for transmission specified in Article 4 were not satisfied."
82	OrderTransmittingFirmBuyer	Order transmitting firm for buyer. Identifies the firm that transmitted the order for the buyer. In the context of ESMA RTS 22, PartySubID(523)=Y is used to indicate the firm identified in PartyID(448) is the firm that transmitted the order for the buyer. "This shall be populated by the receiving firm within the receiving firm's report with the identification code provided by the transmitting firm."
83	OrderTransmitterSeller	Order transmitter for seller. Identifies the order transmitting firm for the seller. In the context of ESMA RTS 22, PartySubID(523)=Y is used to indicate the firm identified in PartyID(448) is the firm that transmitted the order for the seller. "This shall be populated by the receiving firm within the receiving firm's report with the identification code provided by the transmitting firm."
84	LegalEntityIdentifier	Legal Entity Identifier (ISO 17442) LEI
85	SubSectorClassification	Sub-sector classification. Supplemental to party sub-ID type "64" (Company activities) for regulatory reporting. For EU SFTR reporting use the appropriate 4-character code noted in the regulations applying the conditional association rules. See SFTR ITS "Commission Implementing Regulation (EU) 2019/363" Annexes 1 and 2 for values.
86	PartySide	Party side. May be used, when appropriate, to explicitly indicate the transaction side of the party, e.g. Buyer, Seller, Lender, Borrower, Maker, Taker, etc. in the ID. In the context of EU SFTR reporting, use values as required by SFTR, "GIVE" and "TAKE" in the ID, to identify collateral giver and taker.
87	LegalRegistrationCountry	Legal registration country. ISO Country Code where the registered office of the party is located as specified in the LEI reference data.

Used in groups: [NstdPtysSubGrp](#)

**170.2.2949 NetChgPrevDay**

Net change from previous day's closing price vs. last traded price.

Type: [PriceOffset](#)

Used in groups: [MDIncGrp](#)

Used in messages: [MarketDataSnapshotFullRefresh](#)

**170.2.2950 NetGrossInd**

Code to represent whether value is net (inclusive of tax) or gross.

Type: [int](#)

Allowed values in NetGrossIndCodeSet:

Code	Name	Description
1	Net	Net
2	Gross	Gross

Used in groups: [BidCompReqGrp](#), [BidCompRspGrp](#), [SettlObligationInstructions](#), [TrdCapRptAckSideGrp](#), [TrdCapRptSideGrp](#), [TrdMatchSideGrp](#)

**170.2.2951 NetMoney**

Total amount due as the result of the transaction (e.g. for Buy order - principal + commission + fees) reported in currency of execution.

Type: [Amt](#)

Used in components: [SettlTradeDetails](#)

Used in groups: [TrdCapRptAckSideGrp](#), [TrdCapRptSideGrp](#)

Used in messages: [AllocationInstruction](#), [AllocationInstructionAlert](#), [AllocationReport](#), [Confirmation](#), [ExecutionReport](#)

**170.2.2952 NetworkRequestID**

Unique identifier for a network request.

Type: **String**

Used in messages: **NetworkCounterpartySystemStatusRequest**, **NetworkCounterpartySystemStatus-Response**

### **170.2.2953 NetworkRequestType**

Indicates the type and level of details required for a Network Status Request Message

Boolean logic applies EG If you want to subscribe for changes to certain id's then UserRequestType =0 (8+2), Snapshot for certain ID's = 9 (8+1)

Type: **int**

Allowed values in NetworkRequestTypeCodeSet:

<b>Code</b>	<b>Name</b>	<b>Description</b>
1	Snapshot	Snapshot
2	Subscribe	Subscribe
4	StopSubscribing	Stop Subscribing
8	LevelOfDetail	Level of Detail, then NoCompID's becomes required

Used in messages: **NetworkCounterpartySystemStatusRequest**

### **170.2.2954 NetworkResponseID**

Unique identifier for a network response.

Type: **String**

Used in messages: **NetworkCounterpartySystemStatusResponse**

### **170.2.2955 NetworkStatusResponseType**

Indicates the type of Network Response Message.

Type: **int**

Allowed values in NetworkStatusResponseTypeCodeSet:

---

Code	Name	Description
1	Full	Full
2	IncrementalUpdate	Incremental Update

---

Used in messages: [NetworkCounterpartySystemStatusResponse](#)

### 170.2.2956 NewPassword

New Password or passphrase

Type: [String](#)

Used in messages: [Logon](#), [UserRequest](#)

### 170.2.2957 NewsCategory

Category of news message.

Type: [int](#)

Allowed values in NewsCategoryCodeSet:

---

Code	Name	Description
0	CompanyNews	Company News
1	MarketplaceNews	Marketplace News
2	FinancialMarketNews	Financial Market News
3	TechnicalNews	Technical News
99	OtherNews	Other News

---

Used in messages: [News](#)

### 170.2.2958 NewSeqNo

New sequence number

Type: [SeqNum](#)

Used in messages: [SequenceReset](#)



**170.2.2959 NewsID**

Unique identifier for a News message

Type: **String**

Used in messages: **News**

**170.2.2960 NewsRefGrp**

---

<b>Name</b>	<b>Mult.</b>	<b>Type</b>	<b>Description</b>
<b>NoNewsRefIDs</b>	[1..1]	NumInGroup	Number of news item references
<b>NewsRefID</b>	[0..1]	String	Required if NoNewsRefIDs(2144) > 0. News item being referenced.
<b>NewsRefType</b>	[0..1]	CodeSet	Type of reference.

---

Used in messages: **News**

**170.2.2961 NewsRefID**

Reference to another News message identified by NewsID(1474).

Type: **String**

Used in groups: **NewsRefGrp**

**170.2.2962 NewsRefType**

Type of reference to another News(35=B) message item.

Type: **int**

Allowed values in NewsRefTypeCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	Replacement	Replacement
1	OtherLanguage	Other language
2	Complimentary	Complimentary

---

Code	Name	Description
3	Withdrawal	Withdrawal. Withdrawal of the referenced news item, e.g. to correct an error.

Used in groups: [NewsRefGrp](#)

#### **170.2.2963 NextAuctionTime**

The time of the next auction.

Type: [UTCTimestamp](#)

Used in messages: [SecurityStatus](#)

#### **170.2.2964 NextExpectedMsgSeqNum**

Next expected MsgSeqNum value to be received.

Type: [SeqNum](#)

Used in messages: [Logon](#)

#### **170.2.2965 NextIndexRollDate**

Next index roll date.

Type: [LocalMktDate](#)

Used in components: [InstrumentExtension](#)

#### **170.2.2966 NoAdditionalTermBondRefs**

Number of bonds in the repeating group.

Type: [NumInGroup](#)

Used in groups: [AdditionalTermBondRefGrp](#)

**170.2.2967 NoAdditionalTerms**

Number of additional terms in the repeating group.

Type: NumInGroup

Used in groups: AdditionalTermGrp

**170.2.2968 NoAffectedMarketSegments**

Number of market segments affected by a mass action.

Type: NumInGroup

Used in groups: AffectedMarketSegmentGrp

**170.2.2969 NoAffectedOrders**

Number of affected orders in the repeating group of order ids.

Type: NumInGroup

Used in groups: AffectedOrdGrp

**170.2.2970 NoAllocCommissions**

Number of commissions in the repeating group.

Type: NumInGroup

Used in groups: AllocCommissionDataGrp

**170.2.2971 NoAllocGroupSubQtyAttributes**

Indicates number of trade attributes used to define a subgroup in an allocation group.

Type: NumInGroup

Used in groups: AllocGroupSubQtyAttributeGrp

**170.2.2972 NoAllocGroupSubQtys**

Indicates number of subgroups in an allocation group.

Type: NumInGroup

Used in groups: AllocGroupSubQtyGrp

**170.2.2973 NoAllocRegulatoryTradeIDs**

Number of regulatory IDs in the repeating group.

Type: NumInGroup

Used in groups: AllocRegulatoryTradeIDGrp

**170.2.2974 NoAllocs**

Number of repeating AllocAccount (79)/AllocPrice (366) entries.

Type: NumInGroup

Used in groups: AllocAckGrp, AllocGrp, PreAllocGrp, PreAllocMlegGrp, TrdAllocGrp

**170.2.2975 NoAltMDSources**

Number of alternative market data sources

Type: NumInGroup

Used in groups: MDRjctGrp

**170.2.2976 NoApplIDs**

Specifies number of application id occurrences

Type: NumInGroup

Used in groups: ApplIDReportGrp, ApplIDRequestAckGrp, ApplIDRequestGrp

**170.2.2977 NoAsgnReqs**

Number of assignment requests.

Type: NumInGroup

Used in groups: StrmAsgnReqGrp, StrmAsgnRptGrp

**170.2.2978 NoAssetAttributes**

The number of asset attribute entries in the group.

Type: NumInGroup

Used in groups: AssetAttributeGrp

**170.2.2979 NoAttachmentKeywords**

The number of attachment keywords.

Type: NumInGroup

Used in groups: AttachmentKeywordGrp

**170.2.2980 NoAttachments**

The number of attached files.

Type: NumInGroup

Used in groups: AttachmentGrp

**170.2.2981 NoAuctionTypeRules**

Number of auction order types.

Type: NumInGroup

Used in groups: AuctionTypeRuleGrp

### **170.2.2982 NoBidComponents**

Indicates the number of list entries.

Type: NumInGroup

Used in groups: BidCompReqGrp, BidCompRspGrp

### **170.2.2983 NoBidDescriptors**

Number of BidDescriptor (400) entries.

Type: NumInGroup

Used in groups: BidDescReqGrp

### **170.2.2984 NoBusinessCenters**

Number of business centers in the repeating group.

Type: NumInGroup

Used in groups: BusinessCenterGrp

### **170.2.2985 NoCapacities**

Number of repeating OrderCapacity entries.

Type: NumInGroup

Used in groups: CpctyConfGrp

### **170.2.2986 NoCashSettlDateBusinessCenters**

Number of business centers in the repeating group.

Type: NumInGroup

Used in groups: CashSettlDateBusinessCenterGrp

**170.2.2987 NoCashSettlDealers**

Number of dealers in the repeating group.

Type: NumInGroup

Used in groups: CashSettlDealerGrp

**170.2.2988 NoCashSettlTerms**

Number of elements in the repeating group.

Type: NumInGroup

Used in groups: CashSettlTermGrp

**170.2.2989 NoClearingAccountTypes**

Number of clearing account type entries.

Type: NumInGroup

Used in groups: ClearingAccountTypeGrp

**170.2.2990 NoClearingInstructions**

Number of clearing instructions

Type: NumInGroup

Used in groups: ClrInstGrp

**170.2.2991 NoClearingPriceParameters**

Number of parameter sets for clearing prices.

Type: NumInGroup

Used in groups: ClearingPriceParametersGrp

**170.2.2992 NoCollateralAmounts**

Number of collateral amount entries.

Type: NumInGroup

Used in groups: CollateralAmountGrp

**170.2.2993 NoCollateralReinvestments**

Number of instances of CollateralReinvestmentType(2844) in the repeating group.

Type: NumInGroup

Used in groups: CollateralReinvestmentGrp

**170.2.2994 NoCollInquiryQualifier**

Number of CollInquiryQualifier entries in a repeating group.

Type: NumInGroup

Used in groups: CollInqQualGrp

**170.2.2995 NoCommissions**

Number of commissions in the repeating group.

Type: NumInGroup

Used in groups: CommissionDataGrp

**170.2.2996 NoCompIDs**

Number of CompID entries in a repeating group.

Type: NumInGroup

Used in groups: CompIDReqGrp, CompIDStatGrp



**170.2.2997 NoComplexEventAveragingObservations**

The number of averaging observations in the repeating group.

Type: NumInGroup

Used in groups: ComplexEventAveragingObservationGrp

**170.2.2998 NoComplexEventCreditEventQualifiers**

The number of qualifiers in the repeating group.

Type: NumInGroup

Used in groups: ComplexEventCreditEventQualifierGrp

**170.2.2999 NoComplexEventCreditEvents**

The number of credit events specified in the repeating group.

Type: NumInGroup

Used in groups: ComplexEventCreditEventGrp

**170.2.3000 NoComplexEventCreditEventSources**

Number of event sources in the repeating group.

Type: NumInGroup

Used in groups: ComplexEventCreditEventSourceGrp

**170.2.3001 NoComplexEventDateBusinessCenters**

The number of business centers in the repeating group.

Type: NumInGroup

Used in groups: ComplexEventDateBusinessCenterGrp

**170.2.3002 NoComplexEventDates**

Number of complex event date occurrences for a given complex event.

Type: NumInGroup

Used in groups: ComplexEventDates

**170.2.3003 NoComplexEventPeriodDateTimes**

The number of entries in the date-time repeating group.

Type: NumInGroup

Used in groups: ComplexEventPeriodDateGrp

**170.2.3004 NoComplexEventPeriods**

The number of periods in the repeating group.

Type: NumInGroup

Used in groups: ComplexEventPeriodGrp

**170.2.3005 NoComplexEventRateSources**

The number of rate sources in the repeating group.

Type: NumInGroup

Used in groups: ComplexEventRateSourceGrp

**170.2.3006 NoComplexEvents**

Number of complex event occurrences.

Type: NumInGroup

Used in groups: ComplexEvents

### **170.2.3007 NoComplexEventSchedules**

Number of schedules in the repeating group.

Type: NumInGroup

Used in groups: ComplexEventScheduleGrp

### **170.2.3008 NoComplexEventTimes**

Number of complex event time occurrences for a given complex event date

The default in case of an absence of time fields is 00:00:00-23:59:59.

Type: NumInGroup

Used in groups: ComplexEventTimes

### **170.2.3009 NoContAmts**

The number of Contract Amount details on an Execution Report message

Type: NumInGroup

Used in groups: ContAmtGrp

### **170.2.3010 NoContraBrokers**

The number of ContraBroker (375) entries.

Type: NumInGroup

Used in groups: ContraGrp

### **170.2.3011 NoContractualDefinitions**

Number of financing definitions in the repeating group.

Type: NumInGroup

Used in groups: FinancingContractualDefinitionGrp

**170.2.3012 NoContractualMatrices**

Number of contractual matrices in the repeating group.

Type: NumInGroup

Used in groups: FinancingContractualMatrixGrp

**170.2.3013 NoCrossLegs**

Number of legs in the side of a cross order.

Type: NumInGroup

Used in groups: SideCrossLegGrp

**170.2.3014 NoDates**

Number of Date fields provided in date range

Type: NumInGroup

Used in groups: TrdCapDtGrp

**170.2.3015 NoDeliverySchedules**

Number of delivery schedules in the repeating group.

Type: NumInGroup

Used in groups: DeliveryScheduleGrp

**170.2.3016 NoDeliveryScheduleSettlDays**

Number of delivery schedules in the repeating group.

Type: NumInGroup

Used in groups: DeliveryScheduleSettlDayGrp

**170.2.3017 NoDeliveryScheduleSettlTimes**

Number of hour ranges in the repeating group.

Type: NumInGroup

Used in groups: DeliveryScheduleSettlTimeGrp

**170.2.3018 NoDeliveryStreamCommoditySources**

Number of commodity sources in the repeating group.

Type: NumInGroup

Used in groups: DeliveryStreamCommoditySourceGrp

**170.2.3019 NoDeliveryStreamCycles**

Number of delivery cycles in the repeating group.

Type: NumInGroup

Used in groups: DeliveryStreamCycleGrp

**170.2.3020 NoDerivativeEvents**

Number of repeating DerivativeEventType entries.

Type: NumInGroup

Used in groups: DerivativeEventsGrp

**170.2.3021 NoDerivativeInstrAttrib**

Number of instrument attributes.

Type: NumInGroup

Used in groups: DerivativeInstrumentAttribute

### **170.2.3022 NoDerivativeInstrumentParties**

Number of repeating derivative instrument party entries.

Type: **NumInGroup**

Used in groups: **DerivativeInstrumentParties**

### **170.2.3023 NoDerivativeInstrumentPartySubIDs**

Number of derivative instrument party sub IDs.

Type: **NumInGroup**

Used in groups: **DerivativeInstrumentPartySubIDsGrp**

### **170.2.3024 NoDerivativeSecurityAltID**

Number of alternate derivative security IDs.

Type: **NumInGroup**

Used in groups: **DerivativeSecurityAltIDGrp**

### **170.2.3025 NoDisclosureInstructions**

Number of disclosure instructions.

Type: **NumInGroup**

Used in groups: **DisclosureInstructionGrp**

### **170.2.3026 NoDistribInsts**

The number of Distribution Instructions on a Registration Instructions message

Type: **NumInGroup**

Used in groups: **RgstDistInstGrp**

### **170.2.3027 NoDividendAccrualPaymentDateBusinessCenters**

Number of entries in the DividendAccrualPaymentDateBusinessCenterGrp.

Type: NumInGroup

Used in groups: DividendAccrualPaymentDateBusinessCenterGrp

### **170.2.3028 NoDividendFXTriggerDateBusinessCenters**

Number of entries in the DividendFXTriggerDateBusinessCenterGrp.

Type: NumInGroup

Used in groups: DividendFXTriggerDateBusinessCenterGrp

### **170.2.3029 NoDividendPeriodBusinessCenters**

Number of entries in the DividendPeriodBusinessCenterGrp.

Type: NumInGroup

Used in groups: DividendPeriodBusinessCenterGrp

### **170.2.3030 NoDividendPeriods**

Number of entries in the DividendPeriodGrp component.

Type: NumInGroup

Used in groups: DividendPeriodGrp

### **170.2.3031 NoDlvyInst**

Number of delivery instruction fields in repeating group.

Note this field was removed in FIX 4.1 and reinstated in FIX 4.4.

Type: NumInGroup

Used in groups: DlvyInstGrp

**170.2.3032 NoEntitlementAttrib**

Number of entitlement attributes.

Type: NumInGroup

Used in groups: EntitlementAttribGrp

**170.2.3033 NoEntitlements**

Number of entitlement values.

Type: NumInGroup

Used in groups: EntitlementGrp

**170.2.3034 NoEntitlementTypes**

Number of entitlement types in the repeating group.

Type: NumInGroup

Used in groups: EntitlementTypeGrp

**170.2.3035 NoEvents**

Number of repeating EventType entries.

Type: NumInGroup

Used in groups: EvntGrp

**170.2.3036 NoExecInstRules**

Number of execution instructions

Type: NumInGroup

Used in groups: ExecInstRules



### **170.2.3037 NoExecs**

Number of executions or trades.

Type: NumInGroup

Used in groups: ExecAllocGrp, ExecCollGrp, ExecutionAggregationGrp

### **170.2.3038 NoExpiration**

Number of Expiration Qty entries

Type: NumInGroup

Used in groups: ExpirationQty

### **170.2.3039 NoExtraordinaryEvents**

Number of extraordinary events in the repeating group.

Type: NumInGroup

Used in groups: ExtraordinaryEventGrp

### **170.2.3040 NoFills**

Type: NumInGroup

Used in groups: FillsGrp

### **170.2.3041 NoFinancingTermSupplements**

Number of financing terms supplements in the repeating group.

Type: NumInGroup

Used in groups: FinancingTermSupplementGrp

### **170.2.3042 NoFlexProductEligibilities**

Number of eligibility indicators for the creation of flexible securities.

Type: NumInGroup

Used in groups: FlexProductEligibilityGrp

**170.2.3043 NoFundingSources**

Number of instances of FundingSource(2846) in the repeating group.

Type: NumInGroup

Used in groups: FundingSourceGrp

**170.2.3044 NoHops**

Number of HopCompID entries in repeating group.

Type: NumInGroup

Used in groups: HopGrp

**170.2.3045 NoIndexRollMonths**

Number of instances of the index roll month.

Type: NumInGroup

Used in groups: IndexRollMonthGrp

**170.2.3046 NoInstrAttrib**

Number of repeating InstrAttribType entries.

Type: NumInGroup

Used in groups: AttribGrp

**170.2.3047 NoInstrmtMatchSides**

Number of instrument match sides.

Type: NumInGroup

Used in groups: InstrmtMatchSideGrp

#### **170.2.3048 NoInstrumentParties**

Identifies the number of parties identified with an instrument

Type: NumInGroup

Used in groups: InstrumentParties

#### **170.2.3049 NoInstrumentPartySubIDs**

Number of InstrumentPartySubID (1053) and InstrumentPartySubIDType (1054) entries

Type: NumInGroup

Used in groups: InstrumentPtysSubGrp

#### **170.2.3050 NoInstrumentScopes**

Number of instrument scopes.

Type: NumInGroup

Used in groups: InstrumentScopeGrp

#### **170.2.3051 NoInstrumentScopeSecurityAltID**

Number of alternate security identifier for the specified InstrumentScopeSecurityID(1538).

Type: NumInGroup

Used in groups: InstrumentScopeSecurityAltIDGrp

#### **170.2.3052 NoIOIQualifiers**

Number of repeating groups of IOIQualifiers (04).

Type: NumInGroup

Used in groups: IOIQualGrp

**170.2.3053 NoLegAdditionalTermBondRefs**

Number of bonds in the repeating group.

Type: NumInGroup

Used in groups: LegAdditionalTermBondRefGrp

**170.2.3054 NoLegAdditionalTerms**

Number of additional terms in the repeating group.

Type: NumInGroup

Used in groups: LegAdditionalTermGrp

**170.2.3055 NoLegAllocs**

Number of Allocations for the leg

Type: NumInGroup

Used in groups: LegPreAllocGrp

**170.2.3056 NoLegAssetAttributes**

Number of asset attribute entries in the group.

Type: NumInGroup

Used in groups: LegAssetAttributeGrp

**170.2.3057 NoLegBusinessCenters**

Number of business centers in the repeating group.

Type: NumInGroup

Used in groups: LegBusinessCenterGrp

**170.2.3058 NoLegCashSettlDateBusinessCenters**

Number of business centers in the repeating group.

Type: NumInGroup

Used in groups: LegCashSettlDateBusinessCenterGrp

**170.2.3059 NoLegCashSettlDealers**

Number of dealers in the repeating group.

Type: NumInGroup

Used in groups: LegCashSettlDealerGrp

**170.2.3060 NoLegCashSettlTerms**

Number of elements in the repeating group.

Type: NumInGroup

Used in groups: LegCashSettlTermGrp

**170.2.3061 NoLegComplexEventAveragingObservations**

The number of averaging observations in the repeating group.

Type: NumInGroup

Used in groups: LegComplexEventAveragingObservationGrp

**170.2.3062 NoLegComplexEventCreditEventQualifiers**

Number of qualifiers in the repeating group.

Type: NumInGroup

Used in groups: LegComplexEventCreditEventQualifierGrp

**170.2.3063 NoLegComplexEventCreditEvents**

The number of credit events specified in the repeating group.

Type: NumInGroup

Used in groups: LegComplexEventCreditEventGrp

**170.2.3064 NoLegComplexEventCreditEventSources**

Number of event sources in the repeating group.

Type: NumInGroup

Used in groups: LegComplexEventCreditEventSourceGrp

**170.2.3065 NoLegComplexEventDateBusinessCenters**

Number of business centers in the repeating group.

Type: NumInGroup

Used in groups: LegComplexEventDateBusinessCenterGrp

**170.2.3066 NoLegComplexEventDates**

Number of complex event dates in the repeating group.

Type: NumInGroup

Used in groups: LegComplexEventDates

**170.2.3067 NoLegComplexEventPeriodDateTimes**

Number of entries in the date-time repeating group.

Type: NumInGroup

Used in groups: LegComplexEventPeriodDateGrp

**170.2.3068 NoLegComplexEventPeriods**

Number of periods in the repeating group.

Type: NumInGroup

Used in groups: LegComplexEventPeriodGrp

**170.2.3069 NoLegComplexEventRateSources**

Number of rate sources in the repeating group.

Type: NumInGroup

Used in groups: LegComplexEventRateSourceGrp

**170.2.3070 NoLegComplexEvents**

Number of complex events in the repeating group.

Type: NumInGroup

Used in groups: LegComplexEvents

**170.2.3071 NoLegComplexEventSchedules**

Number of schedules in the repeating group.

Type: NumInGroup

Used in groups: LegComplexEventScheduleGrp

**170.2.3072 NoLegComplexEventTimes**

Number of complex event times in the repeating group.

Type: NumInGroup

Used in groups: LegComplexEventTimes

### **170.2.3073 NoLegContractualDefinitions**

Number of financing definitions in the repeating group.

Type: **NumInGroup**

Used in groups: **LegFinancingContractualDefinitionsGrp**

### **170.2.3074 NoLegContractualMatrices**

Number of contractual matrices in the repeating group.

Type: **NumInGroup**

Used in groups: **LegFinancingContractualMatrixGrp**

### **170.2.3075 NoLegDeliverySchedules**

Number of delivery schedules in the repeating group.

Type: **NumInGroup**

Used in groups: **LegDeliveryScheduleGrp**

### **170.2.3076 NoLegDeliveryScheduleSettlDays**

Number of delivery schedules in the repeating group.

Type: **NumInGroup**

Used in groups: **LegDeliveryScheduleSettlDayGrp**

### **170.2.3077 NoLegDeliveryScheduleSettlTimes**

Number of hour ranges in the repeating group.

Type: **NumInGroup**

Used in groups: **LegDeliveryScheduleSettlTimeGrp**



**170.2.3078 NoLegDeliveryStreamCommoditySources**

Number of commodity sources in the repeating group.

Type: NumInGroup

Used in groups: LegDeliveryStreamCommoditySourceGrp

**170.2.3079 NoLegDeliveryStreamCycles**

Number of commodity sources in the repeating group.

Type: NumInGroup

Used in groups: LegDeliveryStreamCycleGrp

**170.2.3080 NoLegDividendAccrualPaymentDateBusinessCenters**

Number of entries in the LegDividendAccrualPaymentDateBusinessCenterGrp.

Type: NumInGroup

Used in groups: LegDividendAccrualPaymentDateBusinessCenterGrp

**170.2.3081 NoLegDividendFXTriggerDateBusinessCenters**

Number of entries in the LegDividendFXTriggerDateBusinessCenterGrp.

Type: NumInGroup

Used in groups: LegDividendFXTriggerDateBusinessCenterGrp

**170.2.3082 NoLegDividendPeriodBusinessCenters**

The number of entries in the LegDividendPeriodBusinessCentersGrp component.

Type: NumInGroup

Used in groups: LegDividendPeriodBusinessCenterGrp

**170.2.3083 NoLegDividendPeriods**

Number of entries in the LegDividendPeriodGrp component.

Type: NumInGroup

Used in groups: LegDividendPeriodGrp

**170.2.3084 NoLegEvents**

Number of events in the repeating group

Type: NumInGroup

Used in groups: LegEvntGrp

**170.2.3085 NoLegExecs**

Number of instrument leg executions.

Type: NumInGroup

Used in groups: TrdInstrmtLegExecGrp

**170.2.3086 NoLegExtraordinaryEvents**

Number of extraordinary events in the repeating group.

Type: NumInGroup

Used in groups: LegExtraordinaryEventGrp

**170.2.3087 NoLegFinancingTermSupplements**

Number of financing terms supplements in the repeating group.

Type: NumInGroup

Used in groups: LegFinancingTermSupplementGrp

**170.2.3088 NoLegInstrumentParties**

Number of parties in the repeating group.

Type: NumInGroup

Used in groups: LegInstrumentParties

**170.2.3089 NoLegInstrumentPartySubIDs**

Number of parties sub-IDs in the repeating group.

Type: NumInGroup

Used in groups: LegInstrumentPtysSubGrp

**170.2.3090 NoLegMarketDisruptionEvents**

Number of disruption events in the repeating group.

Type: NumInGroup

Used in groups: LegMarketDisruptionEventGrp

**170.2.3091 NoLegMarketDisruptionFallbackReferencePrices**

Number of fallback reference securities in the repeating group.

Type: NumInGroup

Used in groups: LegMarketDisruptionFallbackReferencePriceGrp

**170.2.3092 NoLegMarketDisruptionFallbacks**

Number of fallbacks in the repeating group.

Type: NumInGroup

Used in groups: LegMarketDisruptionFallbackGrp

**170.2.3093 NoLegNonDeliverableFixingDates**

Number of fixing dates in the repeating group.

Type: NumInGroup

Used in groups: LegPaymentStreamNonDeliverableFixingDateGrp

**170.2.3094 NoLegOptionExerciseBusinessCenters**

Number of business centers in the repeating group.

Type: NumInGroup

Used in groups: LegOptionExerciseBusinessCenterGrp

**170.2.3095 NoLegOptionExerciseDates**

Number of dates in the repeating group.

Type: NumInGroup

Used in groups: LegOptionExerciseDateGrp

**170.2.3096 NoLegOptionExerciseExpirationDateBusinessCenters**

Number of business centers in the repeating group.

Type: NumInGroup

Used in groups: LegOptionExerciseExpirationDateBusinessCenterGrp

**170.2.3097 NoLegOptionExerciseExpirationDates**

Number of fixed exercise expiration dates in the repeating group.

Type: NumInGroup

Used in groups: LegOptionExerciseExpirationDateGrp

**170.2.3098 NoLegPaymentScheduleFixingDateBusinessCenters**

Number of business centers in the repeating group.

Type: NumInGroup

Used in groups: LegPaymentScheduleFixingDateBusinessCenterGrp

**170.2.3099 NoLegPaymentScheduleFixingDays**

Number of fixing days in the repeating group.

Type: NumInGroup

Used in groups: LegPaymentScheduleFixingDayGrp

**170.2.3100 NoLegPaymentScheduleInterimExchangeDateBusinessCenters**

Number of business centers in the repeating group.

Type: NumInGroup

Used in groups: LegPaymentScheduleInterimExchangeDateBusinessCenterGrp

**170.2.3101 NoLegPaymentScheduleRateSources**

Number of rate sources in the repeating group

Type: NumInGroup

Used in groups: LegPaymentScheduleRateSourceGrp

**170.2.3102 NoLegPaymentSchedules**

Number of swap schedules in the repeating group

Type: NumInGroup

Used in groups: LegPaymentScheduleGrp

**170.2.3103 NoLegPaymentStreamCompoundingDates**

Number of dates in the repeating group.

Type: NumInGroup

Used in groups: LegPaymentStreamCompoundingDateGrp

**170.2.3104 NoLegPaymentStreamCompoundingDatesBusinessCenters**

Number of business centers in the repeating group.

Type: NumInGroup

Used in groups: LegPaymentStreamCompoundingDatesBusinessCenterGrp

**170.2.3105 NoLegPaymentStreamFixingDateBusinessCenters**

Number of business centers in the repeating group.

Type: NumInGroup

Used in groups: LegPaymentStreamFixingDateBusinessCenterGrp

**170.2.3106 NoLegPaymentStreamFixingDates**

Number of fixing dates in the repeating group.

Type: NumInGroup

Used in groups: LegPaymentStreamFixingDateGrp

**170.2.3107 NoLegPaymentStreamFormulas**

Number of formulas in the repeating group.

Type: NumInGroup

Used in groups: LegPaymentStreamFormulaMathGrp

**170.2.3108 NoLegPaymentStreamInitialFixingDateBusinessCenters**

Number of business centers in the repeating group.

Type: NumInGroup

Used in groups: LegPaymentStreamInitialFixingDateBusinessCenterGrp

**170.2.3109 NoLegPaymentStreamNonDeliverableFixingDateBusinessCenters**

Number of business centers in the repeating group.

Type: NumInGroup

Used in groups: LegPaymentStreamNonDeliverableFixingDatesBusinessCenterGrp

**170.2.3110 NoLegPaymentStreamPaymentDateBusinessCenters**

Number of business centers in the repeating group.

Type: NumInGroup

Used in groups: LegPaymentStreamPaymentDateBusinessCenterGrp

**170.2.3111 NoLegPaymentStreamPaymentDates**

Number of payment dates in the repeating group.

Type: NumInGroup

Used in groups: LegPaymentStreamPaymentDateGrp

**170.2.3112 NoLegPaymentStreamPricingBusinessCenters**

Number of business centers in the repeating group.

Type: NumInGroup

Used in groups: LegPaymentStreamPricingBusinessCenterGrp

**170.2.3113 NoLegPaymentStreamPricingDates**

Number of pricing dates in the repeating group.

Type: NumInGroup

Used in groups: LegPaymentStreamPricingDateGrp

**170.2.3114 NoLegPaymentStreamPricingDays**

Number of pricing days in the repeating group.

Type: NumInGroup

Used in groups: LegPaymentStreamPricingDayGrp

**170.2.3115 NoLegPaymentStreamResetDateBusinessCenters**

Number of business centers in the repeating group.

Type: NumInGroup

Used in groups: LegPaymentStreamResetDateBusinessCenterGrp

**170.2.3116 NoLegPaymentStubEndDateBusinessCenters**

Number of business centers in the repeating group.

Type: NumInGroup

Used in groups: LegPaymentStubEndDateBusinessCenterGrp

**170.2.3117 NoLegPaymentStubs**

Number of stubs in the repeating group

Type: NumInGroup

Used in groups: LegPaymentStubGrp



**170.2.3118 NoLegPaymentStubStartDateBusinessCenters**

Number of business centers in the repeating group.

Type: NumInGroup

Used in groups: LegPaymentStubStartDateBusinessCenterGrp

**170.2.3119 NoLegPhysicalSettlDeliverableObligations**

Number of entries in the repeating group.

Type: NumInGroup

Used in groups: LegPhysicalSettlDeliverableObligationGrp

**170.2.3120 NoLegPhysicalSettlTerms**

Number of entries in the repeating group.

Type: NumInGroup

Used in groups: LegPhysicalSettlTermGrp

**170.2.3121 NoLegPosAmt**

Number of TrdInstrmtLegPosAmt values.

Type: NumInGroup

Used in groups: LegPositionAmountData

**170.2.3122 NoLegPricingDateBusinessCenters**

Number of business centers in the repeating group.

Type: NumInGroup

Used in groups: LegPricingDateBusinessCenterGrp

**170.2.3123 NoLegProtectionTermEventNewsSources**

Number of event sources in the repeating group.

Type: NumInGroup

Used in groups: LegProtectionTermEventNewsSourceGrp

**170.2.3124 NoLegProtectionTermEventQualifiers**

Number of qualifiers in the repeating group.

Type: NumInGroup

Used in groups: LegProtectionTermEventQualifierGrp

**170.2.3125 NoLegProtectionTermEvents**

Number of protection term events in the repeating group.

Type: NumInGroup

Used in groups: LegProtectionTermEventGrp

**170.2.3126 NoLegProtectionTermObligations**

Number of obligations in the repeating group.

Type: NumInGroup

Used in groups: LegProtectionTermObligationGrp

**170.2.3127 NoLegProtectionTerms**

Number of protection terms in the repeating group.

Type: NumInGroup

Used in groups: LegProtectionTermGrp

**170.2.3128 NoLegProvisionCashSettlPaymentDateBusinessCenters**

Number of business centers in the repeating group.

Type: NumInGroup

Used in groups: LegProvisionCashSettlPaymentDateBusinessCenterGrp

**170.2.3129 NoLegProvisionCashSettlPaymentDates**

Number of provision cash settlement payment dates in the repeating group.

Type: NumInGroup

Used in groups: LegProvisionCashSettlPaymentFixedDateGrp

**170.2.3130 NoLegProvisionCashSettlValueDateBusinessCenters**

Number of business centers in the repeating group.

Type: NumInGroup

Used in groups: LegProvisionCashSettlValueDateBusinessCenterGrp

**170.2.3131 NoLegProvisionDateBusinessCenters**

Number of business centers in the repeating group.

Type: NumInGroup

Used in groups: LegProvisionDateBusinessCenterGrp

**170.2.3132 NoLegProvisionOptionExerciseBusinessCenters**

Number of business centers in the repeating group.

Type: NumInGroup

Used in groups: LegProvisionOptionExerciseBusinessCenterGrp

**170.2.3133 NoLegProvisionOptionExerciseFixedDates**

Number of provision option exercise fixed dates in the repeating group.

Type: NumInGroup

Used in groups: LegProvisionOptionExerciseFixedDateGrp

**170.2.3134 NoLegProvisionOptionExpirationDateBusinessCenters**

Number of business centers in the repeating group.

Type: NumInGroup

Used in groups: LegProvisionOptionExpirationDateBusinessCenterGrp

**170.2.3135 NoLegProvisionOptionRelevantUnderlyingDateBusinessCenters**

Number of business centers in the repeating group.

Type: NumInGroup

Used in groups: LegProvisionOptionRelevantUnderlyingDateBusinessCenterGrp

**170.2.3136 NoLegProvisionPartyIDs**

Number of parties identified in the contract provision.

Type: NumInGroup

Used in groups: LegProvisionParties

**170.2.3137 NoLegProvisionPartySubIDs**

Number of sub-party IDs to be reported for the party.

Type: NumInGroup

Used in groups: LegProvisionPtysSubGrp

### **170.2.3138 NoLegProvisions**

Number of provisions in the repeating group.

Type: **NumInGroup**

Used in groups: **LegProvisionGrp**

### **170.2.3139 NoLegReturnRateDates**

Number of iterations in the return rate date repeating group.

Type: **NumInGroup**

Used in groups: **LegReturnRateDateGrp**

### **170.2.3140 NoLegReturnRateFXConversions**

Number of iterations in the return rate FX conversion repeating group.

Type: **NumInGroup**

Used in groups: **LegReturnRateFXConversionGrp**

### **170.2.3141 NoLegReturnRateInformationSources**

Number of iterations in the return rate information source repeating group.

Type: **NumInGroup**

Used in groups: **LegReturnRateInformationSourceGrp**

### **170.2.3142 NoLegReturnRatePrices**

Number of iterations in the return rate price repeating group.

Type: **NumInGroup**

Used in groups: **LegReturnRatePriceGrp**

#### **170.2.3143 NoLegReturnRates**

Number of iterations in the return rate repeating group.

Type: [NumInGroup](#)

Used in groups: [LegReturnRateGrp](#)

#### **170.2.3144 NoLegReturnRateValuationDateBusinessCenters**

Number of iterations in the return rate valuation date business center repeating group.

Type: [NumInGroup](#)

Used in groups: [LegReturnRateValuationDateBusinessCenterGrp](#)

#### **170.2.3145 NoLegReturnRateValuationDates**

Number of iterations in the return rate valuation date repeating group.

Type: [NumInGroup](#)

Used in groups: [LegReturnRateValuationDateGrp](#)

#### **170.2.3146 NoLegs**

Number of InstrumentLeg repeating group instances.

Type: [NumInGroup](#)

Used in groups: [InstrmtLegExecGrp](#), [InstrmtLegGrp](#), [InstrmtLegIOIGrp](#), [InstrmtLegSecListGrp](#), [LegOrdGrp](#), [LegQuotGrp](#), [LegQuotStatGrp](#), [QuotReqLegsGrp](#), [SecLstUpdRelSymsLegGrp](#), [TrdInstrmtLegGrp](#)

#### **170.2.3147 NoLegSecondaryAssetClasses**

Number of secondary asset classes in the repeating group.

Type: [NumInGroup](#)

Used in groups: [LegSecondaryAssetGrp](#)

**170.2.3148 NoLegSecurityAltID**

Multileg instrument's individual security's NoSecurityAltID.

See NoSecurityAltID (454) field for description

Type: NumInGroup

Used in groups: LegSecAltIDGrp

**170.2.3149 NoLegSettlMethodElectionDateBusinessCenters**

Number of business centers in the repeating group.

Type: NumInGroup

Used in groups: LegSettlMethodElectionDateBusinessCenterGrp

**170.2.3150 NoLegSettlRateFallbacks**

Number of settlement rate fallbacks in the repeating group

Type: NumInGroup

Used in groups: LegSettlRateDisruptionFallbackGrp

**170.2.3151 NoLegStipulations**

Number of leg stipulation entries

Type: NumInGroup

Used in groups: LegStipulations

**170.2.3152 NoLegStreamAssetAttributes**

Number of asset attribute entries in the group.

Type: NumInGroup

Used in groups: LegStreamAssetAttributeGrp

**170.2.3153 NoLegStreamCalculationPeriodBusinessCenters**

Number of business centers in the repeating group.

Type: NumInGroup

Used in groups: LegStreamCalculationPeriodBusinessCenterGrp

**170.2.3154 NoLegStreamCalculationPeriodDates**

Number of calculation period dates in the repeating group.

Type: NumInGroup

Used in groups: LegStreamCalculationPeriodDateGrp

**170.2.3155 NoLegStreamCommodityAltIDs**

Number of alternate security identifiers.

Type: NumInGroup

Used in groups: LegStreamCommodityAltIDGrp

**170.2.3156 NoLegStreamCommodityDataSources**

Number of data sources in the repeating group. The order of entry determines priority – first is the main source, second is fallback, third is second fallback.

Type: NumInGroup

Used in groups: LegStreamCommodityDataSourceGrp

**170.2.3157 NoLegStreamCommoditySettlBusinessCenters**

Number of business centers in the repeating group.

Type: NumInGroup

Used in groups: LegStreamCommoditySettlBusinessCenterGrp



**170.2.3158 NoLegStreamCommoditySettlDays**

Number of days in the repeating group.

Type: NumInGroup

Used in groups: LegStreamCommoditySettlDayGrp

**170.2.3159 NoLegStreamCommoditySettlPeriods**

Number of commodity settlement periods in the repeating group.

Type: NumInGroup

Used in groups: LegStreamCommoditySettlPeriodGrp

**170.2.3160 NoLegStreamCommoditySettlTimes**

Number of hour ranges in the repeating group.

Type: NumInGroup

Used in groups: LegStreamCommoditySettlTimeGrp

**170.2.3161 NoLegStreamEffectiveDateBusinessCenters**

Number of business centers in the repeating group.

Type: NumInGroup

Used in groups: LegStreamEffectiveDateBusinessCenterGrp

**170.2.3162 NoLegStreamFirstPeriodStartDateBusinessCenters**

Number of business centers in the repeating group.

Type: NumInGroup

Used in groups: LegStreamFirstPeriodStartDateBusinessCenterGrp

**170.2.3163 NoLegStreams**

Number of swap streams in the repeating group.

Type: NumInGroup

Used in groups: LegStreamGrp

**170.2.3164 NoLegStreamTerminationDateBusinessCenters**

Number of business centers in the repeating group.

Type: NumInGroup

Used in groups: LegStreamTerminationDateBusinessCenterGrp

**170.2.3165 NoLimitAmts**

The number of limit amount entries.

Type: NumInGroup

Used in groups: LimitAmts

**170.2.3166 NoLinesOfText**

Identifies number of lines of text body

Type: NumInGroup

Used in groups: LinesOfTextGrp

**170.2.3167 NoLotTypeRules**

Number of Lot Type Rules

Type: NumInGroup

Used in groups: LotTypeRules

**170.2.3168 NoMandatoryClearingJurisdictions**

Number of mandatory clearing jurisdictions.

Type: NumInGroup

Used in groups: MandatoryClearingJurisdictionGrp

**170.2.3169 NoMarginAmt**

Number of margin requirement amounts.

Type: NumInGroup

Used in groups: MarginAmount

**170.2.3170 NoMarginReqmtInqQualifier**

Number of margin requirement inquiry qualifiers.

Type: NumInGroup

Used in groups: MarginReqmtInqQualGrp

**170.2.3171 NoMarketDisruptionEvents**

Number of disruption events in the repeating group.

Type: NumInGroup

Used in groups: MarketDisruptionEventGrp

**170.2.3172 NoMarketDisruptionFallbackReferencePrices**

Number of fallback reference securities in the repeating group.

Type: NumInGroup

Used in groups: MarketDisruptionFallbackReferencePriceGrp

### **170.2.3173 NoMarketDisruptionFallbacks**

Number of fallbacks in the repeating group.

Type: NumInGroup

Used in groups: MarketDisruptionFallbackGrp

### **170.2.3174 NoMarketSegments**

Number of Market Segments on which a security may trade.

Type: NumInGroup

Used in groups: MarketSegmentGrp, MarketSegmentScopeGrp

### **170.2.3175 NoMatchExceptions**

Number of match exceptions in the repeating group.

Type: NumInGroup

Used in groups: MatchExceptionGrp

### **170.2.3176 NoMatchingDataPoints**

Number of matching data points in the repeating group.

Type: NumInGroup

Used in groups: MatchingDataPointGrp

### **170.2.3177 NoMatchInst**

Number of Instructions in the <MatchingInstructions> repeating group.

Type: NumInGroup

Used in groups: MatchingInstructions

### **170.2.3178 NoMatchRules**

Number of Match Rules

Type: NumInGroup

Used in groups: MatchRules

### **170.2.3179 NoMaturityRules**

Number of maturity rules in MarurityRules component block

Type: NumInGroup

Used in groups: MaturityRules

### **170.2.3180 NoMDEntries**

Number of entries in Market Data message.

Type: NumInGroup

Used in groups: MDFullGrp, MDIncGrp

### **170.2.3181 NoMDEntryTypes**

Number of MDEntryType (269) fields requested.

Type: NumInGroup

Used in groups: MDReqGrp

### **170.2.3182 NoMDFeedTypes**

The number of feed types and corresponding book depths associated with a security

Type: NumInGroup

Used in groups: MarketDataFeedTypes

**170.2.3183 NoMDStatistics**

Number of market data statistics.

Type: NumInGroup

Used in groups: MDStatisticReqGrp, MDStatisticRptGrp

**170.2.3184 NoMiscFees**

Number of repeating groups of miscellaneous fees

Type: NumInGroup

Used in groups: MiscFeesGrp

**170.2.3185 NoMiscFeeSubTypes**

Specifies the number of miscellaneous fee sub-types.

Type: NumInGroup

Used in groups: MiscFeesSubGrp

**170.2.3186 NoMsgTypes**

Number of MsgTypes (35) in repeating group.

Type: NumInGroup

Used in groups: MsgTypeGrp

**170.2.3187 NonCashDividendTreatment**

Defines the treatment of non-cash dividends.

Type: int

Allowed values in NonCashDividendTreatmentCodeSet:

Code	Name	Description
0	PotentialAdjustment	Potential adjustment event. The treatment of any non-cash dividend shall be determined in accordance with the potential adjustment event provisions.
1	CashEquivalent	Cash equivalent. Any non-cash dividend shall be treated as a declared cash equivalent dividend.

Used in components: [DividendConditions](#)

### 170.2.3188 NonDeliverableFixingDate

Non-deliverable fixing date unadjusted or adjusted depending on NonDeliverableFixingDateType(40827).

Type: [LocalMktDate](#)

Used in groups: [PaymentStreamNonDeliverableFixingDateGrp](#)

### 170.2.3189 NonDeliverableFixingDateType

Specifies the type of date (e.g. adjusted for holidays).

Type: [int](#)

Allowed values in NonDeliverableFixingDateTypeCodeSet:

Code	Name	Description
0	Unadjusted	Unadjusted
1	Adjusted	Adjusted

Used in groups: [PaymentStreamNonDeliverableFixingDateGrp](#)

### 170.2.3190 NoNested2PartyIDs

Number of Nested2PartyID (757), Nested2PartyIDSource (758), and Nested2PartyRole (759) entries

Type: [NumInGroup](#)

Used in groups: [NestedParties2](#)

**170.2.3191 NoNested2PartySubIDs**

Number of Nested2PartySubID (760) and Nested2PartySubIDType (807) entries. Second instance of <NestedParties>.

Type: NumInGroup

Used in groups: NstdPtys2SubGrp

**170.2.3192 NoNested3PartyIDs**

Number of Nested3PartyID (949), Nested3PartyIDSource (950), and Nested3PartyRole (95) entries

Type: NumInGroup

Used in groups: NestedParties3

**170.2.3193 NoNested3PartySubIDs**

Number of Nested3PartySubIDs (953) entries

Type: NumInGroup

Used in groups: NstdPtys3SubGrp

**170.2.3194 NoNested4PartyIDs**

Refer to definition of NoPartyIDs(453)

Type: NumInGroup

Used in groups: NestedParties4

**170.2.3195 NoNested4PartySubIDs**

Refer to definition of NoPartySubIDs(802)

Type: NumInGroup

Used in groups: NstdPtys4SubGrp



### **170.2.3196 NoNestedInstrAttrib**

Type: NumInGroup

Used in groups: NestedInstrumentAttribute

### **170.2.3197 NoNestedPartyIDs**

Number of NestedPartyID (524), NestedPartyIDSource (525), and NestedPartyRole (538) entries

Type: NumInGroup

Used in groups: NestedParties

### **170.2.3198 NoNestedPartySubIDs**

Number of NestedPartySubID (545) and NestedPartySubIDType (805) entries

Type: NumInGroup

Used in groups: NstdPtysSubGrp

### **170.2.3199 NoNewsRefIDs**

Number of News reference items

Type: NumInGroup

Used in groups: NewsRefGrp

### **170.2.3200 NoNonDeliverableFixingDates**

Number of Fixing dates in the repeating group

Type: NumInGroup

Used in groups: PaymentStreamNonDeliverableFixingDateGrp

### **170.2.3201 NoNotAffectedMarketSegments**

Number of market segments left unaffected by a mass action.

Type: NumInGroup

Used in groups: NotAffectedMarketSegmentGrp

**170.2.3202 NoNotAffectedOrders**

Number of not affected orders in the repeating group of order ids.

Type: NumInGroup

Used in groups: NotAffectedOrdGrp

**170.2.3203 NoOfLegUnderlyings**

Number of Underlyings, Identifies the Underlying of the Leg

Type: NumInGroup

Used in groups: TradeCapLegUnderlyingsGrp

**170.2.3204 NoOfSecSizes**

The number of secondary sizes specifies in this entry

Type: NumInGroup

Used in groups: SecSizesGrp

**170.2.3205 NoOptionExerciseBusinessCenters**

Number of business centers in the repeating group.

Type: NumInGroup

Used in groups: OptionExerciseBusinessCenterGrp

**170.2.3206 NoOptionExerciseDates**

Number of dates in the repeating group.

Type: NumInGroup

Used in groups: OptionExerciseDateGrp

**170.2.3207 NoOptionExerciseExpirationDateBusinessCenters**

Number of business centers in the repeating group.

Type: NumInGroup

Used in groups: OptionExerciseExpirationDateBusinessCenterGrp

**170.2.3208 NoOptionExerciseExpirationDates**

Number of fixed exercise expiration dates in the repeating group.

Type: NumInGroup

Used in groups: OptionExerciseExpirationDateGrp

**170.2.3209 NoOrderAttributes**

Number of order attribute entries.

Type: NumInGroup

Used in groups: OrderAttributeGrp

**170.2.3210 NoOrderEntries**

Number of order entries.

Type: NumInGroup

Used in groups: OrderEntryAckGrp, OrderEntryGrp

**170.2.3211 NoOrderEvents**

Number of order events.

Type: NumInGroup

Used in groups: OrderEventGrp

### **170.2.3212 NoOrders**

Indicates number of orders to be combined for average pricing and allocation.

Type: **NumInGroup**

Used in groups: **ListOrdGrp, OrdAllocGrp, OrdListStatGrp, OrderAggregationGrp, RelatedOrderGrp**

### **170.2.3213 NoOrdTypeRules**

Number of order types

Type: **NumInGroup**

Used in groups: **OrdTypeRules**

### **170.2.3214 NoPartyDetailAltID**

Number of party alternative identifiers.

Type: **NumInGroup**

Used in groups: **PartyDetailAltIDGrp**

### **170.2.3215 NoPartyDetailAltSubIDs**

Number of party detail alternate sub-identifiers.

Type: **NumInGroup**

Used in groups: **PartyDetailAltSubGrp**

### **170.2.3216 NoPartyDetails**

Number of party details.

Type: **NumInGroup**

Used in groups: **PartyDetailGrp**

### **170.2.3217 NoPartyDetailSubIDs**

Number of party detail sub-identifiers.

Type: **NumInGroup**

Used in groups: **PartyDetailSubGrp**

### **170.2.3218 NoPartyEntitlements**

Number of party entitlement values.

Type: **NumInGroup**

Used in groups: **PartyEntitlementAckGrp, PartyEntitlementGrp, PartyEntitlementUpdateGrp**

### **170.2.3219 NoPartyIDs**

Number of PartyID (448), PartyIDSource (447), and PartyRole (452) entries

Type: **NumInGroup**

Used in groups: **Parties**

### **170.2.3220 NoPartyRelationships**

Number of party relationships.

Type: **NumInGroup**

Used in groups: **PartyRelationshipGrp**

### **170.2.3221 NoPartyRiskLimits**

Number of party risk limits.

Type: **NumInGroup**

Used in groups: **PartyRiskLimitsAckGrp, PartyRiskLimitsGrp, PartyRiskLimitsUpdateGrp**

**170.2.3222 NoPartySubIDs**

Number of PartySubID (523)and PartySubIDType (803) entries

Type: NumInGroup

Used in groups: PtysSubGrp

**170.2.3223 NoPartyUpdates**

Number of party updates.

Type: NumInGroup

Used in groups: PartyDetailAckGrp, PartyDetailsUpdateGrp

**170.2.3224 NoPayCollects**

Number of pay collect entries.

Type: NumInGroup

Used in groups: PayCollectGrp

**170.2.3225 NoPaymentBusinessCenters**

Number of business centers in the repeating group.

Type: NumInGroup

Used in groups: PaymentBusinessCenterGrp

**170.2.3226 NoPayments**

Number of additional settlement or bullet payments.

Type: NumInGroup

Used in groups: PaymentGrp

**170.2.3227 NoPaymentScheduleFixingDateBusinessCenters**

Number of business centers in the repeating group.

Type: NumInGroup

Used in groups: PaymentScheduleFixingDateBusinessCenterGrp

**170.2.3228 NoPaymentScheduleFixingDays**

Number of fixing days in the repeating group.

Type: NumInGroup

Used in groups: PaymentScheduleFixingDayGrp

**170.2.3229 NoPaymentScheduleInterimExchangeDateBusinessCenters**

Number of business centers in the repeating group.

Type: NumInGroup

Used in groups: PaymentScheduleInterimExchangeDateBusinessCenterGrp

**170.2.3230 NoPaymentScheduleRateSources**

Number of swap schedule rate sources.

Type: NumInGroup

Used in groups: PaymentScheduleRateSourceGrp

**170.2.3231 NoPaymentSchedules**

Number of swap schedules in the repeating group

Type: NumInGroup

Used in groups: PaymentScheduleGrp

**170.2.3232 NoPaymentSettlPartyIDs**

Number of parties identified in the additional settlement or bullet payment.

Type: NumInGroup

Used in groups: PaymentSettlParties

**170.2.3233 NoPaymentSettlPartySubIDs**

Number of sub-party IDs to be reported for the party.

Type: NumInGroup

Used in groups: PaymentSettlPtysSubGrp

**170.2.3234 NoPaymentSettls**

Number of additional settlements or bullet payments.

Type: NumInGroup

Used in groups: PaymentSettlGrp

**170.2.3235 NoPaymentStreamCompoundingDates**

Number of dates in the repeating group.

Type: NumInGroup

Used in groups: PaymentStreamCompoundingDateGrp

**170.2.3236 NoPaymentStreamCompoundingDatesBusinessCenters**

Number of business centers in the repeating group.

Type: NumInGroup

Used in groups: PaymentStreamCompoundingDatesBusinessCenterGrp



**170.2.3237 NoPaymentStreamFixingDateBusinessCenters**

Number of business centers in the repeating group.

Type: NumInGroup

Used in groups: PaymentStreamFixingDateBusinessCenterGrp

**170.2.3238 NoPaymentStreamFixingDates**

Number of fixing dates in the repeating group.

Type: NumInGroup

Used in groups: PaymentStreamFixingDateGrp

**170.2.3239 NoPaymentStreamFormulas**

Number of formulas in the repeating group.

Type: NumInGroup

Used in groups: PaymentStreamFormulaMathGrp

**170.2.3240 NoPaymentStreamInitialFixingDateBusinessCenters**

Number of business centers in the repeating group.

Type: NumInGroup

Used in groups: PaymentStreamInitialFixingDateBusinessCenterGrp

**170.2.3241 NoPaymentStreamNonDeliverableFixingDatesBusinessCenters**

Number of business centers in the repeating group.

Type: NumInGroup

Used in groups: PaymentStreamNonDeliverableFixingDatesBusinessCenterGrp

**170.2.3242 NoPaymentStreamPaymentDateBusinessCenters**

Number of business centers in the repeating group.

Type: NumInGroup

Used in groups: PaymentStreamPaymentDateBusinessCenterGrp

**170.2.3243 NoPaymentStreamPaymentDates**

Number of payment dates in the repeating group.

Type: NumInGroup

Used in groups: PaymentStreamPaymentDateGrp

**170.2.3244 NoPaymentStreamPricingBusinessCenters**

Number of business centers in the repeating group.

Type: NumInGroup

Used in groups: PaymentStreamPricingBusinessCenterGrp

**170.2.3245 NoPaymentStreamPricingDates**

Number of pricing dates in the repeating group.

Type: NumInGroup

Used in groups: PaymentStreamPricingDateGrp

**170.2.3246 NoPaymentStreamPricingDays**

Number of pricing days in the repeating group.

Type: NumInGroup

Used in groups: PaymentStreamPricingDayGrp

**170.2.3247 NoPaymentStreamResetDateBusinessCenters**

Number of business centers in the repeating group.

Type: NumInGroup

Used in groups: PaymentStreamResetDateBusinessCenterGrp

**170.2.3248 NoPaymentStubEndDateBusinessCenters**

Number of business centers in the repeating group.

Type: NumInGroup

Used in groups: PaymentStubEndDateBusinessCenterGrp

**170.2.3249 NoPaymentStubs**

Number of stubs in the repeating group

Type: NumInGroup

Used in groups: PaymentStubGrp

**170.2.3250 NoPaymentStubStartDateBusinessCenters**

Number of business centers in the repeating group.

Type: NumInGroup

Used in groups: PaymentStubStartDateBusinessCenterGrp

**170.2.3251 NoPhysicalSettlDeliverableObligations**

Number of entries in the repeating group.

Type: NumInGroup

Used in groups: PhysicalSettlDeliverableObligationGrp

**170.2.3252 NoPhysicalSettlTerms**

Number of entries in the repeating group.

Type: NumInGroup

Used in groups: PhysicalSettlTermGrp

**170.2.3253 NoPosAmt**

Number of position amount entries.

Type: NumInGroup

Used in groups: PositionAmountData

**170.2.3254 NoPositions**

Number of position entries.

Type: NumInGroup

Used in groups: PositionQty, TradePositionQty

**170.2.3255 NoPriceMovements**

Number of price movement entries.

Type: NumInGroup

Used in groups: PriceMovementGrp

**170.2.3256 NoPriceMovementValues**

Number of price movement value entries.

Type: NumInGroup

Used in groups: PriceMovementValueGrp

**170.2.3257 NoPriceQualifiers**

Number of price qualifiers in the repeating group.

Type: NumInGroup

Used in groups: PriceQualifierGrp

**170.2.3258 NoPriceRangeRules**

Number of rules related to price ranges.

Type: NumInGroup

Used in groups: PriceRangeRuleGrp

**170.2.3259 NoPricingDateBusinessCenters**

Number of business centers in the repeating group.

Type: NumInGroup

Used in groups: PricingDateBusinessCenterGrp

**170.2.3260 NoProtectionTermEventNewsSources**

Number of event news sources in the repeating group.

Type: NumInGroup

Used in groups: ProtectionTermEventNewsSourceGrp

**170.2.3261 NoProtectionTermEventQualifiers**

Number of qualifiers in the repeating group.

Type: NumInGroup

Used in groups: ProtectionTermEventQualifierGrp

**170.2.3262 NoProtectionTermEvents**

Number of protection term events in the repeating group.

Type: NumInGroup

Used in groups: ProtectionTermEventGrp

**170.2.3263 NoProtectionTermObligations**

Number of obligations in the repeating group.

Type: NumInGroup

Used in groups: ProtectionTermObligationGrp

**170.2.3264 NoProtectionTerms**

Number of protection terms in the repeating group.

Type: NumInGroup

Used in groups: ProtectionTermGrp

**170.2.3265 NoProvisionCashSettlPaymentDateBusinessCenters**

Number of business centers in the repeating group.

Type: NumInGroup

Used in groups: ProvisionCashSettlPaymentDateBusinessCenterGrp

**170.2.3266 NoProvisionCashSettlPaymentDates**

Number of provision cash settlement payment dates in the repeating group.

Type: NumInGroup

Used in groups: ProvisionCashSettlPaymentFixedDateGrp

**170.2.3267 NoProvisionCashSettlValueDateBusinessCenters**

Number of business centers in the repeating group.

Type: NumInGroup

Used in groups: ProvisionCashSettlValueDateBusinessCenterGrp

**170.2.3268 NoProvisionDateBusinessCenters**

Number of business centers in the repeating group.

Type: NumInGroup

Used in groups: ProvisionDateBusinessCenterGrp

**170.2.3269 NoProvisionOptionExerciseBusinessCenters**

Number of business centers in the repeating group.

Type: NumInGroup

Used in groups: ProvisionOptionExerciseBusinessCenterGrp

**170.2.3270 NoProvisionOptionExerciseFixedDates**

Number of provision option exercise fixed dates in the repeating group.

Type: NumInGroup

Used in groups: ProvisionOptionExerciseFixedDateGrp

**170.2.3271 NoProvisionOptionExpirationDateBusinessCenters**

Number of business centers in the repeating group.

Type: NumInGroup

Used in groups: ProvisionOptionExpirationDateBusinessCenterGrp

**170.2.3272 NoProvisionOptionRelevantUnderlyingDateBusinessCenters**

Number of business centers in the repeating group.

Type: NumInGroup

Used in groups: ProvisionOptionRelevantUnderlyingDateBusinessCenterGrp

**170.2.3273 NoProvisionPartyIDs**

Number of parties identified in the contract provision.

Type: NumInGroup

Used in groups: ProvisionParties

**170.2.3274 NoProvisionPartySubIDs**

Number of sub-party IDs to be reported for the party.

Type: NumInGroup

Used in groups: ProvisionPtysSubGrp

**170.2.3275 NoProvisions**

Number of provisions in the repeating group.

Type: NumInGroup

Used in groups: ProvisionGrp

**170.2.3276 NoQuoteAttributes**

Number of quote attributes entries.

Type: NumInGroup

Used in groups: QuoteAttributeGrp



### **170.2.3277 NoQuoteEntries**

The number of quote entries for a QuoteSet.

Type: NumInGroup

Used in groups: QuotCxlEntriesGrp, QuotEntryAckGrp, QuotEntryGrp

### **170.2.3278 NoQuoteQualifiers**

Number of repeating groups of QuoteQualifiers (695).

Type: NumInGroup

Used in groups: QuotQualGrp

### **170.2.3279 NoQuoteSets**

The number of sets of quotes in the message.

Type: NumInGroup

Used in groups: QuotSetAckGrp, QuotSetGrp

### **170.2.3280 NoQuoteSizeRules**

Number of rules related to quote sizes.

Type: NumInGroup

Used in groups: QuoteSizeRuleGrp

### **170.2.3281 NoRateSources**

Number of rate sources being specified.

Type: NumInGroup

Used in groups: RateSource

**170.2.3282 NoReferenceDataDates**

Number of instances of reference data dates.

Type: NumInGroup

Used in groups: ReferenceDataDateGrp

**170.2.3283 NoRegistDtls**

The number of registration details on a Registration Instructions message

Type: NumInGroup

Used in groups: RgstDtlsGrp

**170.2.3284 NoRegulatoryTradeIDs**

Number of regulatory IDs in the repeating group.

Type: NumInGroup

Used in groups: RegulatoryTradeIDGrp

**170.2.3285 NoRelatedInstruments**

Number of related instruments

Type: NumInGroup

Used in groups: RelatedInstrumentGrp

**170.2.3286 NoRelatedMarketSegments**

Number of related market segments.

Type: NumInGroup

Used in groups: RelatedMarketSegmentGrp

**170.2.3287 NoRelatedPartyDetailAltID**

Number of related party detail alternate identifiers.

Type: NumInGroup

Used in groups: RelatedPartyDetailAltIDGrp

**170.2.3288 NoRelatedPartyDetailAltSubIDs**

Number of related party detail alternate sub-identifiers.

Type: NumInGroup

Used in groups: RelatedPartyDetailAltSubGrp

**170.2.3289 NoRelatedPartyDetailID**

Number of related party detail identifiers.

Type: NumInGroup

Used in groups: RelatedPartyDetailGrp

**170.2.3290 NoRelatedPartyDetailSubIDs**

Number of related party detail sub-identifiers.

Type: NumInGroup

Used in groups: RelatedPartyDetailSubGrp

**170.2.3291 NoRelatedPositions**

Number of related positions.

Type: NumInGroup

Used in groups: RelatedPositionGrp

### **170.2.3292 NoRelatedSym**

Specifies the number of repeating symbols specified.

Type: [NumInGroup](#)

Used in groups: [InstrmtGrp](#), [InstrmtMDReqGrp](#), [QuotReqGrp](#), [QuotReqRjctGrp](#), [RFQReqGrp](#), [RelSymDerivSecGrp](#), [RelSymDerivSecUpdGrp](#), [SecListGrp](#), [SecLstUpdRelSymGrp](#), [SecMassStatGrp](#), [StrmAsgnReqInstrmtGrp](#), [StrmAsgnRptInstrmtGrp](#)

### **170.2.3293 NoRelatedTrades**

Number of related trades.

Type: [NumInGroup](#)

Used in groups: [RelatedTradeGrp](#)

### **170.2.3294 NoRelativeValues**

Number of relative value metrics entries in the repeating group.

Type: [NumInGroup](#)

Used in groups: [RelativeValueGrp](#)

### **170.2.3295 NoRequestedPartyRoles**

Number of requested party roles.

Type: [NumInGroup](#)

Used in groups: [RequestedPartyRoleGrp](#)

### **170.2.3296 NoRequestedRiskLimitType**

Number of risk limit types requested.

Type: [NumInGroup](#)

Used in groups: [RequestedRiskLimitTypesGrp](#)

**170.2.3297 NoRequestingPartyIDs**

Number of requesting party identifiers.

Type: NumInGroup

Used in groups: RequestingPartyGrp

**170.2.3298 NoRequestingPartySubIDs**

Number of requesting party sub-identifiers.

Type: NumInGroup

Used in groups: RequestingPartySubGrp

**170.2.3299 NoReturnRateDates**

Number of iterations in the return rate date repeating group.

Type: NumInGroup

Used in groups: ReturnRateDateGrp

**170.2.3300 NoReturnRateFXConversions**

Number of iterations in the return rate FX conversion repeating group.

Type: NumInGroup

Used in groups: ReturnRateFXConversionGrp

**170.2.3301 NoReturnRateInformationSources**

Number of iterations in the return rate information source repeating group.

Type: NumInGroup

Used in groups: ReturnRateInformationSourceGrp

#### **170.2.3302 NoReturnRatePrices**

Number of iterations in the return rate price repeating group.

Type: NumInGroup

Used in groups: ReturnRatePriceGrp

#### **170.2.3303 NoReturnRates**

Number of iterations in the return rate repeating group.

Type: NumInGroup

Used in groups: ReturnRateGrp

#### **170.2.3304 NoReturnRateValuationDateBusinessCenters**

Number of iterations in the return rate valuation date business center repeating group.

Type: NumInGroup

Used in groups: ReturnRateValuationDateBusinessCenterGrp

#### **170.2.3305 NoReturnRateValuationDates**

Number of iterations in the return rate valuation date repeating group.

Type: NumInGroup

Used in groups: ReturnRateValuationDateGrp

#### **170.2.3306 NoRiskInstrumentScopes**

Number of risk instrument scopes.

Type: NumInGroup

Used in groups: RiskInstrumentScopeGrp

### **170.2.3307 NoRiskLimits**

Number of risk limits for different instrument scopes.

Type: **NumInGroup**

Used in groups: **RiskLimitsGrp**

### **170.2.3308 NoRiskLimitTypes**

Number of risk limits with associated warning levels.

Type: **NumInGroup**

Used in groups: **RiskLimitTypesGrp**

### **170.2.3309 NoRiskWarningLevels**

Number of risk warning levels.

Type: **NumInGroup**

Used in groups: **RiskWarningLevelGrp**

### **170.2.3310 NoRootPartyIDs**

Number of RootPartyID (1117), RootPartyIDSource (1118), and RootPartyRole (1119) entries

Type: **NumInGroup**

Used in groups: **RootParties**

### **170.2.3311 NoRootPartySubIDs**

Number of RootPartySubID (1121) and RootPartySubIDType (1122) entries

Type: **NumInGroup**

Used in groups: **RootSubParties**

### **170.2.3312 NoRoutingIDs**

Number of repeating groups of RoutingID (217) and RoutingType (216) values.

See Volume 3: "Pre-Trade Message Targeting/Routing"

Type: NumInGroup

Used in groups: RoutingGrp

### **170.2.3313 NoRpts**

Total number of reports within series.

Type: int

Used in messages: ListStatus

### **170.2.3314 NoSecondaryAssetClasses**

Number of secondary asset classes in the repeating group.

Type: NumInGroup

Used in groups: SecondaryAssetGrp

### **170.2.3315 NoSecurityAltID**

Number of SecurityAltID (455) entries.

Type: NumInGroup

Used in groups: SecAltIDGrp

### **170.2.3316 NoSecurityClassifications**

Number of Security Classifications.

Type: NumInGroup

Used in groups: SecurityClassificationGrp



**170.2.3317 NoSecurityTypes**

Number of Security Type repeating group instances.

Type: NumInGroup

Used in groups: SecTypesGrp

**170.2.3318 NoSettlDetails**

Used to group Each Settlement Party

Type: NumInGroup

Used in groups: SettlDetails

**170.2.3319 NoSettlementAmounts**

Number of settlement amount entries.

Type: NumInGroup

Used in groups: SettlementAmountGrp

**170.2.3320 NoSettlInst**

Number of settlement instructions within repeating group.

Type: NumInGroup

Used in groups: SettlInstGrp

**170.2.3321 NoSettlMethodElectionDateBusinessCenters**

Number of business centers in the repeating group.

Type: NumInGroup

Used in groups: SettlMethodElectionDateBusinessCenterGrp

### **170.2.3322 NoSettlOblig**

Number of settlement obligations

Type: **NumInGroup**

Used in groups: **SettlObligationInstructions**

### **170.2.3323 NoSettlPartyIDs**

Number of SettlPartyID (782), SettlPartyIDSource (783), and SettlPartyRole (784) entries

Type: **NumInGroup**

Used in groups: **SettlParties**

### **170.2.3324 NoSettlPartySubIDs**

Number of SettlPartySubID (785) and SettlPartySubIDType (786) entries

Type: **NumInGroup**

Used in groups: **SettlPtysSubGrp**

### **170.2.3325 NoSettlRateFallbacks**

Number of settlement rate fallbacks in the repeating group

Type: **NumInGroup**

Used in groups: **SettlRateDisruptionFallbackGrp**

### **170.2.3326 NoSideCollateralAmounts**

Number of side collateral amount entries.

Type: **NumInGroup**

Used in groups: **SideCollateralAmountGrp**

**170.2.3327 NoSideCollateralReinvestments**

Number of instances of SideCollateralReinvestmentType(2867) in the repeating group.

Type: NumInGroup

Used in groups: SideCollateralReinvestmentGrp

**170.2.3328 NoSideRegulatoryTradeIDs**

Number of regulatory IDs in the repeating group.

Type: NumInGroup

Used in groups: SideRegulatoryTradeIDGrp

**170.2.3329 NoSides**

Number of Side repeating group instances.

Type: NumInGroup

Allowed values in NoSidesCodeSet:

---

Code	Name	Description
1	OneSide	One Side
2	BothSides	Both Sides

---

Used in groups: SideCrossOrdCxlGrp, SideCrossOrdModGrp, TrdCapRptAckSideGrp, TrdCapRptSideGrp

**170.2.3330 NoSideTrdRegTS**

Indicates number of SideTimestamps contained in group

Type: NumInGroup

Used in groups: SideTrdRegTS

**170.2.3331 NoStatsIndicators**

Number of statistics indicator repeating group entries

Type: **NumInGroup**

Used in groups: **StatsIndGrp**

**170.2.3332 NoStipulations**

Number of stipulation entries

(Note tag # was reserved in FIX 4.1, added in FIX 4.3).

Type: **NumInGroup**

Used in groups: **Stipulations**

**170.2.3333 NoStrategyParameters**

Indicates number of strategy parameters

Type: **NumInGroup**

Used in groups: **StrategyParametersGrp**

**170.2.3334 NoStreamAssetAttributes**

Number of asset attribute entries in the group.

Type: **NumInGroup**

Used in groups: **StreamAssetAttributeGrp**

**170.2.3335 NoStreamCalculationPeriodBusinessCenters**

Number of business centers in the repeating group.

Type: **NumInGroup**

Used in groups: **StreamCalculationPeriodBusinessCenterGrp**

**170.2.3336 NoStreamCalculationPeriodDates**

Number of calculation period dates in the repeating group.

Type: NumInGroup

Used in groups: StreamCalculationPeriodDateGrp

**170.2.3337 NoStreamCommodityAltIDs**

Number of alternate security identifiers.

Type: NumInGroup

Used in groups: StreamCommodityAltIDGrp

**170.2.3338 NoStreamCommodityDataSources**

Number of data sources in the repeating group. The order of entry determines priority – first is the main source, second is fallback, third is second fallback.

Type: NumInGroup

Used in groups: StreamCommodityDataSourceGrp

**170.2.3339 NoStreamCommoditySettlBusinessCenters**

Number of business centers in the repeating group.

Type: NumInGroup

Used in groups: StreamCommoditySettlBusinessCenterGrp

**170.2.3340 NoStreamCommoditySettlDays**

Number of days in the repeating group.

Type: NumInGroup

Used in groups: StreamCommoditySettlDayGrp

**170.2.3341 NoStreamCommoditySettlPeriods**

Number of commodity settlement periods in the repeating group.

Type: NumInGroup

Used in groups: StreamCommoditySettlPeriodGrp

**170.2.3342 NoStreamCommoditySettlTimes**

Number of hour ranges in the repeating group.

Type: NumInGroup

Used in groups: StreamCommoditySettlTimeGrp

**170.2.3343 NoStreamEffectiveDateBusinessCenters**

Number of business centers in the repeating group.

Type: NumInGroup

Used in groups: StreamEffectiveDateBusinessCenterGrp

**170.2.3344 NoStreamFirstPeriodStartDateBusinessCenters**

Number of business centers in the repeating group.

Type: NumInGroup

Used in groups: StreamFirstPeriodStartDateBusinessCenterGrp

**170.2.3345 NoStreams**

Number of swap streams in the repeating group.

Type: NumInGroup

Used in groups: StreamGrp

**170.2.3346 NoStreamTerminationDateBusinessCenters**

Number of business centers in the repeating group.

Type: [NumInGroup](#)

Used in groups: [StreamTerminationDateBusinessCenterGrp](#)

**170.2.3347 NoStrikeRules**

Number of strike rule entries. This block specifies the rules for determining how new strikes should be listed within the stated price range of the underlying instrument

Type: [NumInGroup](#)

Used in groups: [StrikeRules](#)

**170.2.3348 NoStrikes**

Number of list strike price entries.

Type: [NumInGroup](#)

Used in groups: [InstrmtStrkPxGrp](#)

**170.2.3349 NotAffectedMarketSegmentGrp**

List of market segments that were not affected by a mass action.

---

Name	Mult.	Type	Description
<a href="#">NoNotAffectedMarketSegments</a>	[1..1]	NumInGroup	
<a href="#">NotAffectedMarketSegmentID</a>	[0..1]	String	Required when <a href="#">NoNotAffectedMarketSegments(1793) &gt; 0</a> .

---

Used in messages: [OrderMassActionReport](#)

**170.2.3350 NotAffectedMarketSegmentID**

Market segment within an unaffected market repeating segment group.

Type: [String](#)

Used in groups: [NotAffectedMarketSegmentGrp](#)

**170.2.3351 NotAffectedOrderID**

OrderID(37) of an order not affected by a mass cancel or mass action request.

Type: **String**

Used in groups: **NotAffectedOrdGrp**

**170.2.3352 NotAffectedOrdGrp**

---

<b>Name</b>	<b>Mult.</b>	<b>Type</b>	<b>Description</b>
<b>NoNotAffectedOrders</b>	[1..1]	NumInGroup	
<b>NotAffOrigCLOrdID</b>	[0..1]	String	Required if NoNotAffectedOrders(1370) > 0 and must be the first repeating field in the group. Indicates the client order identifier of an order not affected by the request. If order(s) were manually delivered (or otherwise not delivered over FIX and not assigned a CLOrdID(11)) this field should contain string "MANUAL".
<b>NotAffectedOrderID</b>	[0..1]	String	Contains the OrderID(37) assigned by the counterparty of an unaffected order. Not required as part of the repeating group if NotAffOrigCLOrdID(1372) has a value other than "MANUAL".
<b>NotAffSecondaryOrderID</b>	[0..1]	String	Contains the SecondaryOrderID(198) assigned by the counterparty of an unaffected order. Not required as part of the repeating group.
<b>NotAffectedReason</b>	[0..1]	CodeSet	Can be used to provide a reason for excluding this order from the scope of the mass action.

---

Used in messages: **OrderMassActionReport, OrderMassCancelReport**

**170.2.3353 NotAffectedReason**

Reason for order being unaffected by mass action even though it belongs to the orders covered by MassActionScope(1374).

Type: **int**

Allowed values in NotAffectedReasonCodeSet:



---

Code	Name	Description
0	OrderSuspended	Order suspended
1	InstrumentSuspended	Instrument suspended

---

Used in groups: [NotAffectedOrdGrp](#)

#### **170.2.3354 NotAffOrigClOrdID**

ClOrdID(11) of an order not affected by a mass cancel or mass action request.

Type: [String](#)

Used in groups: [NotAffectedOrdGrp](#)

#### **170.2.3355 NotAffSecondaryOrderID**

SecondaryOrderID (198) of an order not affected by a mass cancel or mass action request.

Type: [String](#)

Used in groups: [NotAffectedOrdGrp](#)

#### **170.2.3356 NoTargetMarketSegments**

Number of market segments upon which a mass action is to be taken.

Type: [NumInGroup](#)

Used in groups: [TargetMarketSegmentGrp](#)

#### **170.2.3357 NoTargetPartyIDs**

Identifies the number of target parties identified in a mass action.

Type: [NumInGroup](#)

Used in groups: [TargetParties](#)

### **170.2.3358 NoTargetPartySubIDs**

Number of target party sub IDs in the repeating group.

Type: **NumInGroup**

Used in groups: **TargetPtysSubGrp**

### **170.2.3359 NoThrottleMsgType**

Number of ThrottleMsgType fields.

Type: **NumInGroup**

Used in groups: **ThrottleMsgTypeGrp**

### **170.2.3360 NoThrottles**

Indicates number of repeating groups to follow.

Type: **NumInGroup**

Used in groups: **ThrottleParamsGrp**

### **170.2.3361 NoTickRules**

Number of tick rules. This block specifies the rules for determining how a security ticks, i.e. the price increments at which it can be quoted and traded, depending on the current price of the security

Type: **NumInGroup**

Used in groups: **TickRules**

### **170.2.3362 NotifyBrokerOfCredit**

Indicates whether or not details should be communicated to BrokerOfCredit (i.e. step-in broker).

Type: **Boolean**

Allowed values in NotifyBrokerOfCreditCodeSet:

---

Code	Name	Description
N	DetailsShouldNotBeCommunicated	Details should not be communicated
Y	DetailsShouldBeCommunicated	Details should be communicated

---

Used in groups: [AllocGrp](#)

#### **170.2.3363 NoTimeInForceRules**

Number of time in force techniques

Type: [NumInGroup](#)

Used in groups: [TimeInForceRules](#)

#### **170.2.3364 NotionalPercentageOutstanding**

Indicates the notional percentage of the deal that is still outstanding based on the remaining components of the index.

Used to calculate the true value of a CDS trade or position.

Type: [Percentage](#)

Used in components: [Instrument](#)

#### **170.2.3365 NoTradeAllocAmts**

Number of trade allocation amount entries.

Type: [NumInGroup](#)

Used in groups: [TradeAllocAmtGrp](#)

#### **170.2.3366 NoTradePriceConditions**

Number of trade price conditions.

Type: [NumInGroup](#)

Used in groups: [TradePriceConditionGrp](#)

### **170.2.3367 NoTradeQtys**

Number of trade quantities.

Type: NumInGroup

Used in groups: TradeQtyGrp

### **170.2.3368 NoTrades**

Number of trades in repeating group.

Type: NumInGroup

Used in groups: TrdCollGrp

### **170.2.3369 NoTradingSessionRules**

Allows trading rules to be expressed by trading session

Type: NumInGroup

Used in groups: TradingSessionRulesGrp

### **170.2.3370 NoTradingSessions**

Number of TradingSessionIDs (336) in repeating group.

Type: NumInGroup

Used in groups: TrdSessLstGrp, TrdgSesGrp

### **170.2.3371 NoTransactionAttributes**

Number of instances of TransactionAttributeType(2872) in the repeating group.

Type: NumInGroup

Used in groups: TransactionAttributeGrp

**170.2.3372 NoTrdMatchSides**

Number of trade match sides.

Type: NumInGroup

Used in groups: TrdMatchSideGrp

**170.2.3373 NoTrdRegPublications**

Number of regulatory publication rules in repeating group.

Type: NumInGroup

Used in groups: TrdRegPublicationGrp

**170.2.3374 NoTrdRegTimestamps**

Number of TrdRegTimestamp (769) entries

Type: NumInGroup

Used in groups: TrdRegTimestamps

**170.2.3375 NoTrdRepIndicators**

Number of trade reporting indicators

Type: NumInGroup

Used in groups: TrdRepIndicatorsGrp

**170.2.3376 NoUnderlyingAdditionalTermBondRefs**

Number of bonds in the repeating group.

Type: NumInGroup

Used in groups: UnderlyingAdditionalTermBondRefGrp

**170.2.3377 NoUnderlyingAdditionalTerms**

Number of additional terms in the repeating group.

Type: NumInGroup

Used in groups: UnderlyingAdditionalTermGrp

**170.2.3378 NoUnderlyingAmounts**

Total number of occurrences of Amount to pay in order to receive the underlying instrument

Type: NumInGroup

Used in groups: UnderlyingAmount

**170.2.3379 NoUnderlyingAssetAttributes**

Number of asset attribute entries in the group.

Type: NumInGroup

Used in groups: UnderlyingAssetAttributeGrp

**170.2.3380 NoUnderlyingBusinessCenters**

Number of business centers in the repeating group.

Type: NumInGroup

Used in groups: UnderlyingBusinessCenterGrp

**170.2.3381 NoUnderlyingCashSettlDateBusinessCenters**

Number of business centers in the repeating group.

Type: NumInGroup

Used in groups: UnderlyingCashSettlDateBusinessCenterGrp

**170.2.3382 NoUnderlyingCashSettlDealers**

Number of dealers in the repeating group.

Type: NumInGroup

Used in groups: UnderlyingCashSettlDealerGrp

**170.2.3383 NoUnderlyingCashSettlTerms**

Number of elements in the repeating group.

Type: NumInGroup

Used in groups: UnderlyingCashSettlTermGrp

**170.2.3384 NoUnderlyingComplexEventAveragingObservations**

The number of averaging observations in the repeating group.

Type: NumInGroup

Used in groups: UnderlyingComplexEventAveragingObservationGrp

**170.2.3385 NoUnderlyingComplexEventCreditEventQualifiers**

Number of qualifiers in the repeating group.

Type: NumInGroup

Used in groups: UnderlyingComplexEventCreditEventQualifierGrp

**170.2.3386 NoUnderlyingComplexEventCreditEvents**

The number of credit events specified in the repeating group.

Type: NumInGroup

Used in groups: UnderlyingComplexEventCreditEventGrp

**170.2.3387 NoUnderlyingComplexEventCreditEventSources**

Number of event sources in the repeating group.

Type: NumInGroup

Used in groups: UnderlyingComplexEventCreditEventSourceGrp

**170.2.3388 NoUnderlyingComplexEventDateBusinessCenters**

Number of business centers in the repeating group.

Type: NumInGroup

Used in groups: UnderlyingComplexEventDateBusinessCenterGrp

**170.2.3389 NoUnderlyingComplexEventDates**

Number of underlying complex event dates in the repeating group.

Type: NumInGroup

Used in groups: UnderlyingComplexEventDates

**170.2.3390 NoUnderlyingComplexEventPeriodDateTimes**

Number of entries in the date-time repeating group.

Type: NumInGroup

Used in groups: UnderlyingComplexEventPeriodDateGrp

**170.2.3391 NoUnderlyingComplexEventPeriods**

Number of periods in the repeating group.

Type: NumInGroup

Used in groups: UnderlyingComplexEventPeriodGrp



**170.2.3392 NoUnderlyingComplexEventRateSources**

Number of rate sources in the repeating group.

Type: NumInGroup

Used in groups: UnderlyingComplexEventRateSourceGrp

**170.2.3393 NoUnderlyingComplexEvents**

Number of complex events in the repeating group.

Type: NumInGroup

Used in groups: UnderlyingComplexEvents

**170.2.3394 NoUnderlyingComplexEventSchedules**

Number of schedules in the repeating group.

Type: NumInGroup

Used in groups: UnderlyingComplexEventScheduleGrp

**170.2.3395 NoUnderlyingComplexEventTimes**

Number of complex event times in the repeating group.

Type: NumInGroup

Used in groups: UnderlyingComplexEventTimes

**170.2.3396 NoUnderlyingDeliverySchedules**

Number of delivery schedules in the repeating group.

Type: NumInGroup

Used in groups: UnderlyingDeliveryScheduleGrp

**170.2.3397 NoUnderlyingDeliveryScheduleSettlDays**

Number of delivery schedules in the repeating group.

Type: NumInGroup

Used in groups: UnderlyingDeliveryScheduleSettlDayGrp

**170.2.3398 NoUnderlyingDeliveryScheduleSettlTimes**

Number of hour ranges in the repeating group.

Type: NumInGroup

Used in groups: UnderlyingDeliveryScheduleSettlTimeGrp

**170.2.3399 NoUnderlyingDeliveryStreamCommoditySources**

Number of commodity sources in the repeating group.

Type: NumInGroup

Used in groups: UnderlyingDeliveryStreamCommoditySourceGrp

**170.2.3400 NoUnderlyingDeliveryStreamCycles**

Number of delivery cycles in the repeating group.

Type: NumInGroup

Used in groups: UnderlyingDeliveryStreamCycleGrp

**170.2.3401 NoUnderlyingDividendAccrualPaymentDateBusinessCenters**

Number of entries in the UnderlyingDividendAccrualPaymentDateBusinessCenterGrp.

Type: NumInGroup

Used in groups: UnderlyingDividendAccrualPaymentDateBusinessCenterGrp

**170.2.3402 NoUnderlyingDividendFXTriggerDateBusinessCenters**

Number of entries in the UnderlyingDividendFXTriggerDateBusinessCenterGrp.

Type: NumInGroup

Used in groups: UnderlyingDividendFXTriggerDateBusinessCenterGrp

**170.2.3403 NoUnderlyingDividendPayments**

Number of entries in the repeating group.

Type: NumInGroup

Used in groups: UnderlyingDividendPaymentGrp

**170.2.3404 NoUnderlyingDividendPeriodBusinessCenters**

Number of entries in UnderlyingDividendPeriodBusinessCenterGrp.

Type: NumInGroup

Used in groups: UnderlyingDividendPeriodBusinessCenterGrp

**170.2.3405 NoUnderlyingDividendPeriods**

Number of entries in the UnderlyingDividendPeriodGrp component.

Type: NumInGroup

Used in groups: UnderlyingDividendPeriodGrp

**170.2.3406 NoUnderlyingEvents**

Number of events in the repeating group.

Type: NumInGroup

Used in groups: UnderlyingEvntGrp

**170.2.3407 NoUnderlyingExtraordinaryEvents**

Number of extraordinary events in the repeating group.

Type: NumInGroup

Used in groups: UnderlyingExtraordinaryEventGrp

**170.2.3408 NoUnderlyingLegSecurityAltID**

Refer to definition for NoSecurityAltID(454)

Type: NumInGroup

Used in groups: UnderlyingLegSecurityAltIDGrp

**170.2.3409 NoUnderlyingMarketDisruptionEvents**

Number of disruption events in the repeating group.

Type: NumInGroup

Used in groups: UnderlyingMarketDisruptionEventGrp

**170.2.3410 NoUnderlyingMarketDisruptionFallbackReferencePrices**

Number of fallback reference securities in the repeating group.

Type: NumInGroup

Used in groups: UnderlyingMarketDisruptionFallbackReferencePriceGrp

**170.2.3411 NoUnderlyingMarketDisruptionFallbacks**

Number of fallbacks in the repeating group.

Type: NumInGroup

Used in groups: UnderlyingMarketDisruptionFallbackGrp

**170.2.3412 NoUnderlyingNonDeliverableFixingDates**

Number of Fixing dates in the repeating group

Type: NumInGroup

Used in groups: UnderlyingPaymentStreamNonDeliverableFixingDateGrp

**170.2.3413 NoUnderlyingOptionExerciseBusinessCenters**

Number of business centers in the repeating group.

Type: NumInGroup

Used in groups: UnderlyingOptionExerciseBusinessCenterGrp

**170.2.3414 NoUnderlyingOptionExerciseDates**

Number of dates in the repeating group.

Type: NumInGroup

Used in groups: UnderlyingOptionExerciseDateGrp

**170.2.3415 NoUnderlyingOptionExerciseExpirationDateBusinessCenters**

Number of business centers in the repeating group.

Type: NumInGroup

Used in groups: UnderlyingOptionExerciseExpirationDateBusinessCenterGrp

**170.2.3416 NoUnderlyingOptionExerciseExpirationDates**

Number of fixed exercise expiration dates in the repeating group.

Type: NumInGroup

Used in groups: UnderlyingOptionExerciseExpirationDateGrp

**170.2.3417 NoUnderlyingPaymentScheduleFixingDateBusinessCenters**

Number of business centers in the repeating group.

Type: NumInGroup

Used in groups: UnderlyingPaymentScheduleFixingDateBusinessCenterGrp

**170.2.3418 NoUnderlyingPaymentScheduleFixingDays**

Number of fixing days in the repeating group.

Type: NumInGroup

Used in groups: UnderlyingPaymentScheduleFixingDayGrp

**170.2.3419 NoUnderlyingPaymentScheduleInterimExchangeDateBusinessCenters**

Number of business centers in the repeating group.

Type: NumInGroup

Used in groups: UnderlyingPaymentScheduleInterimExchangeDateBusinessCenterGrp

**170.2.3420 NoUnderlyingPaymentScheduleRateSources**

Number of rate sources in the repeating group

Type: NumInGroup

Used in groups: UnderlyingPaymentScheduleRateSourceGrp

**170.2.3421 NoUnderlyingPaymentSchedules**

Number of swap schedules in the repeating group

Type: NumInGroup

Used in groups: UnderlyingPaymentScheduleGrp

**170.2.3422 NoUnderlyingPaymentStreamCompoundingDates**

Number of dates in the repeating group.

Type: NumInGroup

Used in groups: UnderlyingPaymentStreamCompoundingDateGrp

**170.2.3423 NoUnderlyingPaymentStreamCompoundingDatesBusinessCenters**

Number of business centers in the repeating group.

Type: NumInGroup

Used in groups: UnderlyingPaymentStreamCompoundingDatesBusinessCenterGrp

**170.2.3424 NoUnderlyingPaymentStreamFixingDateBusinessCenters**

Number of business centers in the repeating group.

Type: NumInGroup

Used in groups: UnderlyingPaymentStreamFixingDateBusinessCenterGrp

**170.2.3425 NoUnderlyingPaymentStreamFixingDates**

Number of fixing dates in the repeating group.

Type: NumInGroup

Used in groups: UnderlyingPaymentStreamFixingDateGrp

**170.2.3426 NoUnderlyingPaymentStreamFormulas**

Number of formulas in the repeating group.

Type: NumInGroup

Used in groups: UnderlyingPaymentStreamFormulaMathGrp

**170.2.3427 NoUnderlyingPaymentStreamInitialFixingDateBusinessCenters**

Number of business centers in the repeating group.

Type: NumInGroup

Used in groups: UnderlyingPaymentStreamInitialFixingDateBusinessCenterGrp

**170.2.3428 NoUnderlyingPaymentStreamNonDeliverableFixingDatesBizCenters**

Number of business centers in the repeating group.

Type: NumInGroup

Used in groups: UnderlyingPaymentStreamNonDeliverableFixingDatesBusinessCenterGrp

**170.2.3429 NoUnderlyingPaymentStreamPaymentDateBusinessCenters**

Number of business centers in the repeating group.

Type: NumInGroup

Used in groups: UnderlyingPaymentStreamPaymentDateBusinessCenterGrp

**170.2.3430 NoUnderlyingPaymentStreamPaymentDates**

Number of payment dates in the repeating group.

Type: NumInGroup

Used in groups: UnderlyingPaymentStreamPaymentDateGrp

**170.2.3431 NoUnderlyingPaymentStreamPricingBusinessCenters**

Number of business centers in the repeating group.

Type: NumInGroup

Used in groups: UnderlyingPaymentStreamPricingBusinessCenterGrp



**170.2.3432 NoUnderlyingPaymentStreamPricingDates**

Number of pricing dates in the repeating group.

Type: NumInGroup

Used in groups: UnderlyingPaymentStreamPricingDateGrp

**170.2.3433 NoUnderlyingPaymentStreamPricingDays**

Number of pricing days in the repeating group.

Type: NumInGroup

Used in groups: UnderlyingPaymentStreamPricingDayGrp

**170.2.3434 NoUnderlyingPaymentStreamResetDateBusinessCenters**

Number of business centers in the repeating group.

Type: NumInGroup

Used in groups: UnderlyingPaymentStreamResetDateBusinessCenterGrp

**170.2.3435 NoUnderlyingPaymentStubEndDateBusinessCenters**

Number of business centers in the repeating group.

Type: NumInGroup

Used in groups: UnderlyingPaymentStubEndDateBusinessCenterGrp

**170.2.3436 NoUnderlyingPaymentStubs**

Number of stubs in the repeating group

Type: NumInGroup

Used in groups: UnderlyingPaymentStubGrp

**170.2.3437 NoUnderlyingPaymentStubStartDateBusinessCenters**

Number of business centers in the repeating group.

Type: NumInGroup

Used in groups: UnderlyingPaymentStubStartDateBusinessCenterGrp

**170.2.3438 NoUnderlyingPhysicalSettlDeliverableObligations**

Number of entries in the repeating group.

Type: NumInGroup

Used in groups: UnderlyingPhysicalSettlDeliverableObligationGrp

**170.2.3439 NoUnderlyingPhysicalSettlTerms**

Number of entries in the repeating group.

Type: NumInGroup

Used in groups: UnderlyingPhysicalSettlTermGrp

**170.2.3440 NoUnderlyingPricingDateBusinessCenters**

Number of business centers in the repeating group.

Type: NumInGroup

Used in groups: UnderlyingPricingDateBusinessCenterGrp

**170.2.3441 NoUnderlyingProtectionTermEventNewsSources**

Number of event news sources in the repeating group.

Type: NumInGroup

Used in groups: UnderlyingProtectionTermEventNewsSourceGrp

**170.2.3442 NoUnderlyingProtectionTermEventQualifiers**

Number of qualifiers in the repeating group.

Type: NumInGroup

Used in groups: UnderlyingProtectionTermEventQualifierGrp

**170.2.3443 NoUnderlyingProtectionTermEvents**

Number of protection term events in the repeating group.

Type: NumInGroup

Used in groups: UnderlyingProtectionTermEventGrp

**170.2.3444 NoUnderlyingProtectionTermObligations**

Number of obligations in the repeating group.

Type: NumInGroup

Used in groups: UnderlyingProtectionTermObligationGrp

**170.2.3445 NoUnderlyingProtectionTerms**

Number of protection terms in the repeating group.

Type: NumInGroup

Used in groups: UnderlyingProtectionTermGrp

**170.2.3446 NoUnderlyingProvisionCashSettlPaymentDateBusinessCenters**

Number of business centers in the repeating group.

Type: NumInGroup

Used in groups: UnderlyingProvisionCashSettlPaymentDateBusinessCenterGrp

**170.2.3447 NoUnderlyingProvisionCashSettlPaymentDates**

Number of UnderlyingProvision cash settlement payment dates in the repeating group.

Type: NumInGroup

Used in groups: UnderlyingProvisionCashSettlPaymentFixedDateGrp

**170.2.3448 NoUnderlyingProvisionCashSettlValueDateBusinessCenters**

Number of business centers in the repeating group.

Type: NumInGroup

Used in groups: UnderlyingProvisionCashSettlValueDateBusinessCenterGrp

**170.2.3449 NoUnderlyingProvisionDateBusinessCenters**

Number of business centers in the repeating group.

Type: NumInGroup

Used in groups: UnderlyingProvisionDateBusinessCenterGrp

**170.2.3450 NoUnderlyingProvisionOptionExerciseBusinessCenters**

Number of business centers in the repeating group.

Type: NumInGroup

Used in groups: UnderlyingProvisionOptionExerciseBusinessCenterGrp

**170.2.3451 NoUnderlyingProvisionOptionExerciseFixedDates**

Number of UnderlyingProvision option exercise fixed dates in the repeating group.

Type: NumInGroup

Used in groups: UnderlyingProvisionOptionExerciseFixedDateGrp

**170.2.3452 NoUnderlyingProvisionOptionExpirationDateBusinessCenters**

Number of business centers in the repeating group.

Type: NumInGroup

Used in groups: UnderlyingProvisionOptionExpirationDateBusinessCenterGrp

**170.2.3453 NoUnderlyingProvisionOptionRelevantUnderlyingDateBusinessCenters**

Number of business centers in the repeating group.

Type: NumInGroup

Used in groups: UnderlyingProvisionOptionRelevantUnderlyingDateBusinessCenterGrp

**170.2.3454 NoUnderlyingProvisionPartyIDs**

Number of parties identified in the contract provision.

Type: NumInGroup

Used in groups: UnderlyingProvisionParties

**170.2.3455 NoUnderlyingProvisionPartySubIDs**

Number of sub-party IDs to be reported for the party.

Type: NumInGroup

Used in groups: UnderlyingProvisionPtysSubGrp

**170.2.3456 NoUnderlyingProvisions**

Number of provisions in the repeating group.

Type: NumInGroup

Used in groups: UnderlyingProvisionGrp

**170.2.3457 NoUnderlyingRateSpreadSteps**

Number of entries in the repeating group.

Type: NumInGroup

Used in groups: UnderlyingRateSpreadStepGrp

**170.2.3458 NoUnderlyingReturnRateDates**

Number of iterations in the return rate date repeating group.

Type: NumInGroup

Used in groups: UnderlyingReturnRateDateGrp

**170.2.3459 NoUnderlyingReturnRateFXConversions**

Number of iterations in the return rate FX conversion repeating group.

Type: NumInGroup

Used in groups: UnderlyingReturnRateFXConversionGrp

**170.2.3460 NoUnderlyingReturnRateInformationSources**

Number of iterations in the return rate information source repeating group.

Type: NumInGroup

Used in groups: UnderlyingReturnRateInformationSourceGrp

**170.2.3461 NoUnderlyingReturnRatePrices**

Number of iterations in the return rate price repeating group.

Type: NumInGroup

Used in groups: UnderlyingReturnRatePriceGrp

#### **170.2.3462 NoUnderlyingReturnRates**

Number of iterations in the return rate repeating group.

Type: [NumInGroup](#)

Used in groups: [UnderlyingReturnRateGrp](#)

#### **170.2.3463 NoUnderlyingReturnRateValuationDateBusinessCenters**

Number of iterations in the return rate valuation date business center repeating group.

Type: [NumInGroup](#)

Used in groups: [UnderlyingReturnRateValuationDateBusinessCenterGrp](#)

#### **170.2.3464 NoUnderlyingReturnRateValuationDates**

Number of iterations in the return rate valuation date repeating group.

Type: [NumInGroup](#)

Used in groups: [UnderlyingReturnRateValuationDateGrp](#)

#### **170.2.3465 NoUnderlyings**

Number of underlying legs that make up the security.

Type: [NumInGroup](#)

Used in groups: [PosUndInstrmtGrp](#), [UndInstrmtCollGrp](#), [UndInstrmtGrp](#)

#### **170.2.3466 NoUnderlyingSecondaryAssetClasses**

Number of secondary asset classes in the repeating group.

Type: [NumInGroup](#)

Used in groups: [UnderlyingSecondaryAssetGrp](#)

**170.2.3467 NoUnderlyingSecurityAltID**

Number of UnderlyingSecurityAltID (458) entries.

Type: NumInGroup

Used in groups: UndSecAltIDGrp

**170.2.3468 NoUnderlyingSettlMethodElectionDateBusinessCenters**

Number of business centers in the repeating group.

Type: NumInGroup

Used in groups: UnderlyingSettlMethodElectionDateBusinessCenterGrp

**170.2.3469 NoUnderlyingSettlRateFallbacks**

Number of settlement rate fallbacks in the repeating group

Type: NumInGroup

Used in groups: UnderlyingSettlRateDisruptionFallbackGrp

**170.2.3470 NoUnderlyingStips**

Number of underlying stipulation entries

Type: NumInGroup

Used in groups: UnderlyingStipulations

**170.2.3471 NoUnderlyingStreamAssetAttributes**

Number of asset attribute entries in the group.

Type: NumInGroup

Used in groups: UnderlyingStreamAssetAttributeGrp



**170.2.3472 NoUnderlyingStreamCalculationPeriodBusinessCenters**

Number of business centers in the repeating group.

Type: NumInGroup

Used in groups: UnderlyingStreamCalculationPeriodBusinessCenterGrp

**170.2.3473 NoUnderlyingStreamCalculationPeriodDates**

Number of calculation period dates in the repeating group.

Type: NumInGroup

Used in groups: UnderlyingStreamCalculationPeriodDateGrp

**170.2.3474 NoUnderlyingStreamCommodityAltIDs**

Number of alternate security identifiers.

Type: NumInGroup

Used in groups: UnderlyingStreamCommodityAltIDGrp

**170.2.3475 NoUnderlyingStreamCommodityDataSources**

Number of commodity data sources in the repeating group.

Type: NumInGroup

Used in groups: UnderlyingStreamCommodityDataSourceGrp

**170.2.3476 NoUnderlyingStreamCommoditySettlBusinessCenters**

Number of business centers in the repeating group.

Type: NumInGroup

Used in groups: UnderlyingStreamCommoditySettlBusinessCenterGrp

**170.2.3477 NoUnderlyingStreamCommoditySettlDays**

Number of days in the repeating group.

Type: NumInGroup

Used in groups: UnderlyingStreamCommoditySettlDayGrp

**170.2.3478 NoUnderlyingStreamCommoditySettlPeriods**

Number of commodity settlement periods in the repeating group.

Type: NumInGroup

Used in groups: UnderlyingStreamCommoditySettlPeriodGrp

**170.2.3479 NoUnderlyingStreamCommoditySettlTimes**

Number of hour ranges in the repeating group.

Type: NumInGroup

Used in groups: UnderlyingStreamCommoditySettlTimeGrp

**170.2.3480 NoUnderlyingStreamEffectiveDateBusinessCenters**

Number of business centers in the repeating group.

Type: NumInGroup

Used in groups: UnderlyingStreamEffectiveDateBusinessCenterGrp

**170.2.3481 NoUnderlyingStreamFirstPeriodStartDateBusinessCenters**

Number of business centers in the repeating group.

Type: NumInGroup

Used in groups: UnderlyingStreamFirstPeriodStartDateBusinessCenterGrp

#### **170.2.3482 NoUnderlyingStreams**

Number of swap streams in the repeating group.

Type: [NumInGroup](#)

Used in groups: [UnderlyingStreamGrp](#)

#### **170.2.3483 NoUnderlyingStreamTerminationDateBusinessCenters**

Number of business centers in the repeating group.

Type: [NumInGroup](#)

Used in groups: [UnderlyingStreamTerminationDateBusinessCenterGrp](#)

#### **170.2.3484 NoUndlyInstrumentParties**

Identifies the number of parties identified with an underlying instrument

Type: [NumInGroup](#)

Used in groups: [UndlyInstrumentParties](#)

#### **170.2.3485 NoUndlyInstrumentPartySubIDs**

Number of Underlying InstrumentPartySubID (1053) and InstrumentPartySubIDType (1054) entries

Type: [NumInGroup](#)

Used in groups: [UndlyInstrumentPtysSubGrp](#)

#### **170.2.3486 NoUsernames**

Number of Usernames to which this this response is directed

Type: [NumInGroup](#)

Used in groups: [UsernameGrp](#)

**170.2.3487 NoValueChecks**

Number of value check entries.

Type: [NumInGroup](#)

Used in groups: [ValueChecksGrp](#)

**170.2.3488 NstdPtys2SubGrp**

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Name	Mult.	Type	Description
<a href="#">NoNested2PartySubIDs</a>	[1..1]	NumInGroup	
<a href="#">Nested2PartySubID</a>	[0..1]	String	
<a href="#">Nested2PartySubIDType</a>	[0..1]	CodeSet	

---

Used in groups: [NestedParties2](#)

**170.2.3489 NstdPtys3SubGrp**

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Name	Mult.	Type	Description
<a href="#">NoNested3PartySubIDs</a>	[1..1]	NumInGroup	
<a href="#">Nested3PartySubID</a>	[0..1]	String	
<a href="#">Nested3PartySubIDType</a>	[0..1]	CodeSet	

---

Used in groups: [NestedParties3](#)

**170.2.3490 NstdPtys4SubGrp**

---

Name	Mult.	Type	Description
<a href="#">NoNested4PartySubIDs</a>	[1..1]	NumInGroup	
<a href="#">Nested4PartySubID</a>	[0..1]	String	
<a href="#">Nested4PartySubIDType</a>	[0..1]	CodeSet	

---

Used in groups: [NestedParties4](#)

**170.2.3491 NstdPtysSubGrp**

Name	Mult.	Type	Description
NoNestedPartySubIDs	[1..1]	NumInGroup	
NestedPartySubID	[0..1]	String	
NestedPartySubIDType	[0..1]	CodeSet	

Used in groups: [NestedParties](#)

**170.2.3492 NthToDefault**

The Nth reference obligation to default in a CDS reference basket. If specified without MthToDefault(1943) the default will trigger a CDS payout. If MthToDefault(1943) is also present then payout occurs between the Nth and Mth obligations to default.

Type: [int](#)

Used in components: [Instrument](#)

**170.2.3493 NTPositionLimit**

Position Limit in the near-term contract for a given exchange-traded product.

Type: [int](#)

Used in components: [Instrument](#)

**170.2.3494 NumberOfBuyOrders**

Number of buy orders involved in a trade.

Type: [int](#)

Used in groups: [MDFullGrp](#), [MDIncGrp](#)

**170.2.3495 NumberOfOrders**

Number of orders in the market.

Type: [int](#)

Used in groups: [MDFullGrp](#), [MDIncGrp](#)

#### **170.2.3496 NumberOfSellOrders**

Number of sell orders involved in a trade.

Type: **int**

Used in groups: **MDFullGrp**, **MDIncGrp**

#### **170.2.3497 NumBidders**

Indicates the total number of bidders on the list

Type: **int**

Used in messages: **BidRequest**

#### **170.2.3498 NumDaysInterest**

Number of Days of Interest for convertible bonds and fixed income. Note value may be negative.

Type: **int**

Used in groups: **TrdCapRptAckSideGrp**, **TrdCapRptSideGrp**

Used in messages: **AllocationInstruction**, **AllocationInstructionAlert**, **AllocationReport**, **Confirmation**, **ExecutionReport**

#### **170.2.3499 NumOfCompetitors**

The number of competing Respondents (e.g. dealers) to receive a quote request (either via the QuoteRequest(35=R) or via other means).

Type: **int**

Used in groups: **QuotReqGrp**

#### **170.2.3500 NumOfComplexInstruments**

Represents the total number of multileg securities or user defined securities that make up the security.

Type: **int**

Used in messages: **SecurityDefinition**, **SecurityDefinitionUpdateReport**

**170.2.3501 NumOfSimpleInstruments**

Represents the total number of simple instruments that make up a multi-legged security. Complex spread instruments may be constructed of legs which themselves are multi-leg instruments.

Type: **int**

Used in groups: **RelSymDerivSecGrp, SecListGrp**

Used in messages: **SecurityDefinition, SecurityDefinitionUpdateReport**

**170.2.3502 NumTickets**

Total number of tickets.

Type: **int**

Used in messages: **BidRequest**

**170.2.3503 ObligationType**

Type of reference obligation for credit derivatives contracts.

Type: **String**

Allowed values in ObligationTypeCodeSet:

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	Bond	Bond
1	ConvertBond	Convertible bond
2	Mortgage	Mortgage
3	Loan	Loan

Used in components: **Instrument**

**170.2.3504 OddLot**

This trade is to be treated as an odd lot

If this field is not specified, the default will be "N"

Type: **Boolean**

Allowed values in OddLotCodeSet:

Code	Name	Description
N	TreatAsRoundLot	Treat as round lot (default)
Y	TreatAsOddLot	Treat as odd lot

Used in groups: [TrdCapRptAckSideGrp](#), [TrdCapRptSideGrp](#)

#### **170.2.3505 OfferForwardPoints**

Offer F/X forward points added to spot rate. May be a negative value.

Type: [PriceOffset](#)

Used in groups: [QuotEntryAckGrp](#), [QuotEntryGrp](#)

Used in messages: [Quote](#), [QuoteResponse](#), [QuoteStatusReport](#)

#### **170.2.3506 OfferForwardPoints2**

Offer F/X forward points of the future portion of a F/X swap quote added to spot rate. May be a negative value.

Type: [PriceOffset](#)

Used in groups: [QuotEntryAckGrp](#), [QuotEntryGrp](#)

Used in messages: [Quote](#), [QuoteResponse](#), [QuoteStatusReport](#)

#### **170.2.3507 OfferID**

Unique identifier for the ask side of the quote assigned by the quote issuer.

Type: [String](#)

Used in messages: [Quote](#), [QuoteStatusReport](#)

#### **170.2.3508 OfferMDEntryID**

The market data entry identifier of the offer side of a quote.

Type: [String](#)

Used in messages: [QuoteStatusReport](#)



### **170.2.3509 OfferPx**

Offer price/rate

Type: **Price**

Used in groups: **QuotEntryAckGrp, QuotEntryGrp**

Used in messages: **Quote, QuoteResponse, QuoteStatusReport**

### **170.2.3510 OfferQuoteID**

Marketplace assigned quote identifier for the offer side. Can be used to indicate priority.

Type: **String**

Used in messages: **QuoteStatusReport**

### **170.2.3511 OfferSize**

Quantity of offer

(Prior to FIX 4.2 this field was of type int)

Type: **Qty**

Used in groups: **QuotEntryAckGrp, QuotEntryGrp**

Used in messages: **Quote, QuoteResponse, QuoteStatusReport**

### **170.2.3512 OfferSpotRate**

Offer F/X spot rate.

Type: **Price**

Used in groups: **QuotEntryAckGrp, QuotEntryGrp**

Used in messages: **Quote, QuoteResponse, QuoteStatusReport**

### **170.2.3513 OfferSpread**

Basis points relative to a benchmark curve on the offer side, such as LIBOR, or a known security, such as 10Y US Treasury bond. The benchmark security or curve name is specified in the SpreadOrBenchmarkCurveData component.

Type: **float**

Used in messages: **Quote**

#### **170.2.3514 OfferSwapPoints**

The offer FX Swap points for an FX Swap. It is the "far offer forward points - near bid forward points". Value can be negative. Expressed in decimal form. For example, 61.99 points is expressed and sent as 0.006199

Type: **PriceOffset**

Used in messages: **Quote**

#### **170.2.3515 OfferYield**

Offer yield

Type: **Percentage**

Used in groups: **QuotEntryAckGrp, QuotEntryGrp**

Used in messages: **Quote, QuoteResponse, QuoteStatusReport**

#### **170.2.3516 OffMarketPriceIndicator**

An indication that the price is off-market.

Type: **Boolean**

Used in messages: **TradeCaptureReport**

#### **170.2.3517 OffsetInstruction**

Indicates the trade is a result of an offset or onset.

Type: **int**

Allowed values in OffsetInstructionCodeSet:

Code	Name	Description
0	Offset	Offset. A type of transaction where an executing firm gives up a trade as a result of an allocation. Or, in the case of a reversal of an allocation, the take-up (claiming) firm's transaction.
1	Onset	Onset. A type of transaction where a take-up (claiming) firm takes up a trade as a result of an allocation. Or, in the case of a reversal of an allocation, the executing firm's transaction.

Used in messages: [TradeCaptureReport](#), [TradeCaptureReportAck](#), [TradeCaptureReportRequest](#)

### 170.2.3518 OffshoreIndicator

Indicates the type of the currency rate being used. This is relevant for currencies that have offshore rate that different from onshore rate.

Type: [int](#)

Allowed values in OffshoreIndicatorCodeSet:

Code	Name	Description
0	Regular	Regular - Default if not specified. The notion of onshore and offshore rates does not apply.
1	Offshore	Offshore. Used to indicate that the rate specified is an offshore rate which differs from its onshore rate.
2	Onshore	Onshore. Used to indicate that the rate specified is an onshore rate which differs from its offshore rate.

Used in messages: [AllocationInstruction](#), [ExecutionReport](#), [NewOrderSingle](#), [OrderCancelReplaceRequest](#)

### 170.2.3519 OnBehalfOfCompID

Assigned value used to identify firm originating message if the message was delivered by a third party i.e. the third party firm identifier would be delivered in the SenderCompID field and the firm originating the message in this field.

Type: [String](#)

Used in components: [StandardHeader](#)

**170.2.3520 OnBehalfOfLocationID**

Assigned value used to identify specific message originator's location (i.e. geographic location and/or desk, trader) if the message was delivered by a third party

Type: **String**

Used in components: **StandardHeader**

**170.2.3521 OnBehalfOfSubID**

Assigned value used to identify specific message originator (i.e. trader) if the message was delivered by a third party

Type: **String**

Used in components: **StandardHeader**

**170.2.3522 OpenCloseSettlFlag**

Flag that identifies a market data entry. (Prior to FIX 4.3 this field was of type char)

Type: **MultipleCharValue**

Allowed values in OpenCloseSettlFlagCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	DailyOpen	Daily Open / Close / Settlement entry
1	SessionOpen	Session Open / Close / Settlement entry
2	DeliverySettlementEntry	Delivery Settlement entry
3	ExpectedEntry	Expected entry
4	EntryFromPreviousBusinessDay	Entry from previous business day
5	TheoreticalPriceValue	Theoretical Price value

---

Used in groups: **MDFullGrp**, **MDIncGrp**

Used in messages: **MarketDataRequest**

**170.2.3523 OpenInterest**

Open interest that was eligible for assignment.

Type: **Amt**

Used in messages: **AssignmentReport**

**170.2.3524 OptAttribute**

Provided to support versioning of option contracts as a result of corporate actions or events. Use of this field is defined by counterparty agreement or market conventions.

Type: **char**

Used in components: **Instrument**

**170.2.3525 OptionExerciseBusinessCenter**

The business center calendar used to adjust the option exercise dates, e.g. "GBLO".

See <http://www.fpml.org/coding-scheme/business-center> for standard 4-character code values.

Type: **String**

Used in groups: **OptionExerciseBusinessCenterGrp**

**170.2.3526 OptionExerciseBusinessCenterGrp**

The OptionExerciseBusinessCenterGrp is a repeating subcomponent of the OptionExerciseDates component used to specify the set of business centers whose calendars drive date adjustment. Used only to override the business centers defined in the DateAdjustment component in Instrument.

Name	Mult.	Type	Description
<b>NoOptionExerciseBusinessCenters</b>	[1..1]	NumInGroup	
<b>OptionExerciseBusinessCenter</b>	[0..1]	String	Required if NoOptionExerciseBusinessCenters(41116) > 0.

Used in components: **OptionExerciseDates**

**170.2.3527 OptionExerciseBusinessDayConvention**

The business day convention used to adjust the option exercise dates. Used only to override the business day convention specified in the DateAdjustment component within the Instrument component.

Type: **int**

Allowed values in BusinessDayConventionCodeSet:

Code	Name	Description
0	NotApplicable	Not applicable. Business day convention is not applicable.
1	None	None (current day)
2	FollowingDay	Following day. The following business day.
3	FloatingRateNote	Floating rate note. The FRN business day convention.
4	ModifiedFollowingDay	Modified following day. The modified following business day.
5	PrecedingDay	Preceding day. The preceding business day.
6	ModifiedPrecedingDay	Modified preceding day. The modified preceding business day.
7	NearestDay	Nearest day. The nearest applicable business day.

Used in components: **OptionExerciseDates**

**170.2.3528 OptionExercise**

The OptionExercise component is a subcomponent of the Instrument component used to specify option exercise provisions. Its purpose is to identify the opportunities and conditions for exercise, e.g. the schedule of dates on which exercise is allowed. The embedded OptionExerciseExpiration component is used to terminate the opportunity for exercise.

Name	Mult.	Type	Description
<b>ExerciseDesc</b>	[0..1]	String	
<b>EncodedExerciseDescLen</b>	[0..1]	Length	Must be set if EncodedExerciseDesc(41108) field is specified and must immediately precede it.
<b>EncodedExerciseDesc</b>	[0..1]	data	Encoded (non-ASCII characters) representation of the ExerciseDesc(41106) field in the encoded format specified via the MessageEncoding(347) field.
<b>AutomaticExerciseIndicator</b>	[0..1]	Boolean	
<b>AutomaticExerciseThresholdRate</b>	[0..1]	float	

Name	Mult.	Type	Description
ExerciseConfirmationMethod	[0..1]	CodeSet	
ManualNoticeBusinessCenter	[0..1]	String	
FallbackExerciseIndicator	[0..1]	Boolean	
LimitedRightToConfirmIndicator	[0..1]	Boolean	
ExerciseSplitTicketIndicator	[0..1]	Boolean	
SettlMethodElectingPartySide	[0..1]	CodeSet	
SettlMethodElectionDate	[0..1]	Component	
OptionExerciseDates	[0..1]	Component	
OptionExerciseExpiration	[0..1]	Component	
OptionExerciseMakeWholeProvision	[0..1]	Component	

Used in components: [Instrument](#)

### 170.2.3529 OptionExerciseDate

The option exercise fixed date, unadjusted or adjusted depending on OptionExerciseDateType(41139).

Type: [LocalMktDate](#)

Used in groups: [OptionExerciseDateGrp](#)

### 170.2.3530 OptionExerciseDateGrp

The OptionExerciseDateGrp is a repeating subcomponent of the OptionExerciseDates component used to specify fixed dates for exercise.

Name	Mult.	Type	Description
NoOptionExerciseDates	[1..1]	NumInGroup	
OptionExerciseDate	[0..1]	LocalMktDate	Required if NoOptionExerciseDates(41137) > 0.
OptionExerciseDateType	[0..1]	CodeSet	When specified it applies not only to the current date but to all subsequent dates in the group until overridden with a new type.

Used in components: [OptionExerciseDates](#)

**170.2.3531 OptionExerciseDates**

The OptionExerciseDate component is a subcomponent of the OptionExercise component used to specify option exercise dates.

Name	Mult.	Type	Description
OptionExerciseBusinessDayConvention	[0..1]	CodeSet	When specified, this overrides the business day convention defined in the DateAdjustment component in Instrument. The specified value would be specific to this instance of option exercise dates.
OptionExerciseBusinessCenterGrp	[0..*]	Group	When specified, this overrides the business centers defined in the DateAdjustment component in Instrument. The specified values would be specific to this instance of option exercise dates.
OptionExerciseDateGrp	[0..*]	Group	
OptionExerciseEarliestDateOffsetDayType	[0..1]	CodeSet	
OptionExerciseEarliestDateOffsetPeriod	[0..1]	int	Conditionally required when OptionExerciseEarliestDateUnit(41121) is specified.
OptionExerciseEarliestDateOffsetUnit	[0..1]	CodeSet	Conditionally required when OptionExerciseEarliestDatePeriod(41120) is specified.
OptionExerciseFrequencyPeriod	[0..1]	int	Conditionally required when OptionExerciseFrequencyUnit(41123) is specified.
OptionExerciseFrequencyUnit	[0..1]	CodeSet	Conditionally required when OptionExerciseFrequencyPeriod(41122) is specified.
OptionExerciseStartDateUnadjusted	[0..1]	LocalMktDate	
OptionExerciseStartDateRelativeTo	[0..1]	int	
OptionExerciseStartDateOffsetPeriod	[0..1]	int	Conditionally required when OptionExerciseStartDateOffsetUnit(41127) is specified.
OptionExerciseStartDateOffsetUnit	[0..1]	CodeSet	Conditionally required when OptionExerciseStartDateOffsetPeriod(41126) is specified.
OptionExerciseStartDateOffsetDayType	[0..1]	CodeSet	
OptionExerciseStartDateAdjusted	[0..1]	LocalMktDate	
OptionExerciseSkip	[0..1]	int	



Name	Mult.	Type	Description
OptionExerciseNominationDeadline	[0..1]	LocalMktDate	
OptionExerciseFirstDateUnadjusted	[0..1]	LocalMktDate	
OptionExerciseLastDateUnadjusted	[0..1]	LocalMktDate	
OptionExerciseEarliestTime	[0..1]	LocalMktTime	
OptionExerciseLatestTime	[0..1]	LocalMktTime	
OptionExerciseTimeBusinessCenter	[0..1]	String	

Used in components: [OptionExercise](#)

### 170.2.3532 OptionExerciseDateType

Specifies the type of date. When specified it applies not only to the current date but to all subsequent dates in the group until overridden with a new type.

Type: [int](#)

Allowed values in OptionExerciseDateTypeCodeSet:

Code	Name	Description
0	Unadjusted	Unadjusted
1	Adjusted	Adjusted

Used in groups: [OptionExerciseDateGrp](#)

### 170.2.3533 OptionExerciseEarliestDateOffsetDayType

Specifies the day type of the relative earliest option exercise date offset.

Type: [int](#)

Allowed values in ComplexEventDateOffsetDayTypeCodeSet:

Code	Name	Description
0	Business	Business
1	Calendar	Calendar
2	CommodityBusiness	Commodity business

---

Code	Name	Description
3	CurrencyBusiness	Currency business
4	ExchangeBusiness	Exchange business
5	ScheduledTradingDay	Scheduled trading day

---

Used in components: [OptionExerciseDates](#)

### 170.2.3534 OptionExerciseEarliestDateOffsetPeriod

Time unit multiplier for the relative earliest exercise date offset.

Type: [int](#)

Used in components: [OptionExerciseDates](#)

### 170.2.3535 OptionExerciseEarliestDateOffsetUnit

Time unit associated with the relative earliest exercise date offset.

Type: [String](#)

Allowed values in ProvisionOptionExerciseEarliestDateOffsetUnitCodeSet:

---

Code	Name	Description
D	Day	Day
Wk	Week	Week
Mo	Month	Month
Yr	Year	Year

---

Used in components: [OptionExerciseDates](#)

### 170.2.3536 OptionExerciseEarliestTime

The earliest time at which notice of exercise can be given by the buyer to the seller (or seller's agent) (i) on the expiration date, in the case of a European style option, (ii) on each Bermuda option exercise date and the expiration date, in the case of a Bermuda style option, (iii) the commencement date to, and including, the expiration date, in the case of an American option.

Type: [LocalMktTime](#)

Used in components: [OptionExerciseDates](#)

### 170.2.3537 OptionExerciseExpiration

The OptionExerciseExpiration component is a subcomponent of the OptionExercise component used to specify option exercise expiration dates and times. The purpose of OptionExercise is to identify the scheduled opportunities for exercise. OptionExerciseExpiration identifies the end of the schedule.

Name	Mult.	Type	Description
<a href="#">OptionExerciseExpirationDateBusinessDayConvention</a>	[0..1]	CodeSet	When specified, this overrides the business day convention defined in the DateAdjustment component in Instrument. The specified value would be specific to this instance of option exercise expiration dates.
<a href="#">OptionExerciseExpirationDateBusinessCenterGrp</a>	[0..*]	Group	When specified, this overrides the business centers defined in the DateAdjustment component in Instrument. The specified values would be specific to this instance of option exercise expiration dates.
<a href="#">OptionExerciseExpirationDateGrp</a>	[0..*]	Group	
<a href="#">OptionExerciseExpirationDateRelativeTo</a>	[0..1]	int	
<a href="#">OptionExerciseExpirationDateOffsetPeriod</a>	[0..1]	int	Conditionally required when <a href="#">OptionExerciseExpirationDateOffsetUnit(41145)</a> is specified.
<a href="#">OptionExerciseExpirationDateOffsetUnit</a>	[0..1]	CodeSet	Conditionally required when <a href="#">OptionExerciseExpirationDateOffsetPeriod(41144)</a> is specified.
<a href="#">OptionExerciseExpirationFrequencyPeriod</a>	[0..1]	int	Conditionally required when <a href="#">OptionExerciseExpirationFrequencyUnit(41147)</a> is specified.
<a href="#">OptionExerciseExpirationFrequencyUnit</a>	[0..1]	CodeSet	Conditionally required when <a href="#">OptionExerciseExpirationFrequencyPeriod(41146)</a> is specified.
<a href="#">OptionExerciseExpirationRollConvention</a>	[0..1]	CodeSet	When specified, this overrides the date roll convention defined in the DateAdjustment component in Instrument. The specified values would be specific to this instance of the option expiration dates and times.
<a href="#">OptionExerciseExpirationDateOffsetDayType</a>	[0..1]	CodeSet	

Name	Mult.	Type	Description
OptionExerciseExpirationTime	[0..1]	LocalMktTime	
OptionExerciseExpirationTimeBusinessCenter	[0..1]	String	

Used in components: [OptionExercise](#)

### 170.2.3538 OptionExerciseExpirationDate

An adjusted or unadjusted fixed option exercise expiration date.

Type: [LocalMktDate](#)

Used in groups: [OptionExerciseExpirationDateGrp](#)

### 170.2.3539 OptionExerciseExpirationDateBusinessCenter

The business center calendar used to adjust the option exercise expiration dates, e.g. "GBLO".

See <http://www.fpml.org/coding-scheme/business-center> for standard 4-character code values.

Type: [String](#)

Used in groups: [OptionExerciseExpirationDateBusinessCenterGrp](#)

### 170.2.3540 OptionExerciseExpirationDateBusinessCenterGrp

The OptionExerciseExpirationDateBusinessCenterGrp is a repeating subcomponent of the OptionExerciseExpiration component used to specify the set of business centers whose calendars drive date adjustment. Used only to override the business centers defined in the DateAdjustment component in Instrument.

Name	Mult.	Type	Description
NoOptionExerciseExpirationDateBusinessCenters	[1..1]	NumInGroup	
OptionExerciseExpirationDateBusinessCenter	[0..1]	String	Required if NoOptionExerciseExpirationDateBusinessCenters(41140) > 0.

Used in components: [OptionExerciseExpiration](#)

**170.2.3541 OptionExerciseExpirationDateBusinessDayConvention**

The business day convention used to adjust the option exercise expiration dates. Used only to override the business day convention specified in the DateAdjustment component within the Instrument component.

Type: **int**

Allowed values in BusinessDayConventionCodeSet:

Code	Name	Description
0	NotApplicable	Not applicable. Business day convention is not applicable.
1	None	None (current day)
2	FollowingDay	Following day. The following business day.
3	FloatingRateNote	Floating rate note. The FRN business day convention.
4	ModifiedFollowingDay	Modified following day. The modified following business day.
5	PrecedingDay	Preceding day. The preceding business day.
6	ModifiedPrecedingDay	Modified preceding day. The modified preceding business day.
7	NearestDay	Nearest day. The nearest applicable business day.

Used in components: [OptionExerciseExpiration](#)

**170.2.3542 OptionExerciseExpirationDateGrp**

The OptionExerciseExpirationDateGrp is a repeating subcomponent of the OptionExerciseExpiration component used to specify fixed dates for expiration.

Name	Mult.	Type	Description
<a href="#">NoOptionExerciseExpirationDates</a>	[1..1]	NumInGroup	
<a href="#">OptionExerciseExpirationDate</a>	[0..1]	LocalMktDate	Required if NoOptionExpirationDates(41152) > 0.
<a href="#">OptionExerciseExpirationDateType</a>	[0..1]	CodeSet	When specified it applies not only to the current date but to all subsequent dates in the group until overridden with a new type.

Used in components: [OptionExerciseExpiration](#)

**170.2.3543 OptionExerciseExpirationDateOffsetDayType**

Specifies the day type of the relative option exercise expiration date offset.

Type: **int**

Allowed values in PaymentStreamPaymentDateOffsetDayTypeCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	Business	Business
1	Calendar	Calendar
2	CommodityBusiness	Commodity business
3	CurrencyBusiness	Currency business
4	ExchangeBusiness	Exchange business
5	ScheduledTradingDay	Scheduled trading day

---

Used in components: [OptionExerciseExpiration](#)

**170.2.3544 OptionExerciseExpirationDateOffsetPeriod**

Time unit multiplier for the relative exercise expiration date offset.

Type: **int**

Used in components: [OptionExerciseExpiration](#)

**170.2.3545 OptionExerciseExpirationDateOffsetUnit**

Time unit associated with the relative exercise expiration date offset.

Type: **String**

Allowed values in PaymentStreamPaymentDateOffsetUnitCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
D	Day	Day
Wk	Week	Week
Mo	Month	Month
Yr	Year	Year

---

Used in components: [OptionExerciseExpiration](#)

**170.2.3546 OptionExerciseExpirationDateRelativeTo**

Specifies the anchor date when the option exercise expiration date is relative to an anchor date.

See [http://www.fixtradingcommunity.org/codelists#Relative\\_To\\_Date](http://www.fixtradingcommunity.org/codelists#Relative_To_Date) for values.

Type: **int**

Used in components: **OptionExerciseExpiration**

**170.2.3547 OptionExerciseExpirationDateType**

Specifies the type of option exercise expiration date. When specified it applies not only to the current date but to all subsequent dates in the group until overridden with a new type.

Type: **int**

Allowed values in OptionExerciseDateTypeCodeSet:

---

Code	Name	Description
0	Unadjusted	Unadjusted
1	Adjusted	Adjusted

---

Used in groups: **OptionExerciseExpirationDateGrp**

**170.2.3548 OptionExerciseExpirationFrequencyPeriod**

Time unit multiplier for the frequency of exercise expiration dates.

Type: **int**

Used in components: **OptionExerciseExpiration**

**170.2.3549 OptionExerciseExpirationFrequencyUnit**

Time unit associated with the frequency of exercise expiration dates.

Type: **String**

Allowed values in ProtectionTermEventUnitCodeSet:

Code	Name	Description
D	Day	Day
Wk	Week	Week
Mo	Month	Month
Yr	Year	Year

Used in components: [OptionExerciseExpiration](#)

### 170.2.3550 OptionExerciseExpirationRollConvention

The convention for determining the sequence of exercise expiration dates. It is used in conjunction with a specified frequency. Used only to override the roll convention defined in the DateAdjustment component in Instrument.

Type: [String](#)

Allowed values in DateRollConventionCodeSet:

Code	Name	Description
1	FirstDay	1st day of the month
2	SecondDay	2nd day of the month
3	ThirdDay	3rd day of the month
4	FourthDay	4th day of the month
5	FifthDay	5th day of the month
6	SixthDay	6th day of the month
7	SeventhDay	7th day of the month
8	EighthDay	8th day of the month
9	NinthDay	9th day of the month
10	TenthDay	10th day of the month
11	EleventhDay	11th day of the month
12	TwelvthDay	12th day of the month
13	ThirteenthDay	13th day of the month
14	ForteenthDay	14th day of the month
15	FifteenthDay	15th day of the month
16	SixteenthDay	16th day of the month
17	SeventeenthDay	17th day of the month



<b>Code</b>	<b>Name</b>	<b>Description</b>
18	EighteenthDay	18th day of the month
19	NineteenthDay	19th day of the month
20	TwentiethDay	20th day of the month
21	TwentyFirstDay	21st day of the month
22	TwentySecondDay	22nd day of the month
23	TwentyThirdDay	23rd day of the month
24	TwentyFourthDay	24th day of the month
25	TwentyFifthDay	25th day of the month
26	TwentySixthDay	26th day of the month
27	TwentySeventhDay	27th day of the month
28	TwentyEighthDay	28th day of the month
29	TwentyNinthDay	29th day of the month
30	ThirtiethDay	30th day of the month
EOM	EOM	The end of the month. Use EOM for 31st day of the month.
FRN	FRN	The floating rate note convention or Eurodollar convention.
IMM	IMM	The International Money Market settlement date, i.e. the 3rd Wednesday of the month.
IMMCAD	IMMCAD	The last trading day/expiration day of the Canadian Derivatives Exchange.
IMMAUD	IMMAUD	The last trading day of the Sydney Futures Exchange Australian 90-day bank accepted bill futures contract.
IMMNZD	IMMNZD	The last trading day of the Sydney Futures Exchange New Zealand 90-day bank bill futures contract.
SFE	SFE	The Sydney Futures Exchange 90-day bank accepted bill futures settlement dates.
NONE	NONE	No adjustment
TBILL	TBILL	The 13-week and 26-week U.S. Treasury Bill auction dates.
MON	MON	Monday
TUE	TUE	Tuesday
WED	WED	Wednesday
THU	THU	Thursday
FRI	FRI	Friday
SAT	SAT	Saturday
SUN	SUN	Sunday

Used in components: [OptionExerciseExpiration](#)

### **170.2.3551 OptionExerciseExpirationTime**

The option exercise expiration time.

Type: [LocalMktTime](#)

Used in components: [OptionExerciseExpiration](#)

### **170.2.3552 OptionExerciseExpirationTimeBusinessCenter**

The business center used to determine the locale for option exercise expiration time, e.g. "GBLO".

See <http://www.fpml.org/coding-scheme/business-center> for standard 4-character code values.

Type: [String](#)

Used in components: [OptionExerciseExpiration](#)

### **170.2.3553 OptionExerciseFirstDateUnadjusted**

The unadjusted first exercise date.

Type: [LocalMktDate](#)

Used in components: [OptionExerciseDates](#)

### **170.2.3554 OptionExerciseFrequencyPeriod**

Time unit multiplier for the frequency of exercise dates.

Type: [int](#)

Used in components: [OptionExerciseDates](#)

### **170.2.3555 OptionExerciseFrequencyUnit**

Time unit associated with the frequency of exercise dates.

Type: [String](#)

Allowed values in ProtectionTermEventUnitCodeSet:

Code	Name	Description
D	Day	Day
Wk	Week	Week
Mo	Month	Month
Yr	Year	Year

Used in components: [OptionExerciseDates](#)

### 170.2.3556 OptionExerciseLastDateUnadjusted

The unadjusted last exercise date.

Type: [LocalMktDate](#)

Used in components: [OptionExerciseDates](#)

### 170.2.3557 OptionExerciseLatestTime

The latest exercise time. See also [OptionExerciseEarliestTime\(41134\)](#).

Type: [LocalMktTime](#)

Used in components: [OptionExerciseDates](#)

### 170.2.3558 OptionExerciseMakeWholeProvision

[OptionExerciseMakeWholeProvision](#) is a subcomponent of the [OptionExercise](#) component used to specify the set of rules of maintaining balance when an option is exercised.

Name	Mult.	Type	Description
<a href="#">MakeWholeDate</a>	[0..1]	<a href="#">LocalMktDate</a>	
<a href="#">MakeWholeAmount</a>	[0..1]	Amt	
<a href="#">MakeWholeBenchmarkCurveName</a>	[0..1]	String	
<a href="#">MakeWholeBenchmarkCurvePoint</a>	[0..1]	String	
<a href="#">MakeWholeRecallSpread</a>	[0..1]	<a href="#">PriceOffset</a>	
<a href="#">MakeWholeBenchmarkQuote</a>	[0..1]	<a href="#">CodeSet</a>	
<a href="#">MakeWholeInterpolationMethod</a>	[0..1]	<a href="#">CodeSet</a>	

Used in components: [OptionExercise](#)

### **170.2.3559 OptionExerciseNominationDeadline**

Last date (adjusted) for establishing the option exercise terms.

Type: [LocalMktDate](#)

Used in components: [OptionExerciseDates](#)

### **170.2.3560 OptionExerciseSkip**

The number of periods in the referenced date schedule that are between each date in the relative date schedule. Thus a skip of 2 would mean that dates are relative to every second date in the referenced schedule. If present this should have a value greater than 1.

Type: [int](#)

Used in components: [OptionExerciseDates](#)

### **170.2.3561 OptionExerciseStartDateAdjusted**

The adjusted start date for calculating periodic exercise dates.

Type: [LocalMktDate](#)

Used in components: [OptionExerciseDates](#)

### **170.2.3562 OptionExerciseStartDateOffsetDayType**

Specifies the day type of the relative option exercise start date offset.

Type: [int](#)

Allowed values in [PaymentStreamPaymentDateOffsetDayTypeCodeSet](#):

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	Business	Business
1	Calendar	Calendar
2	CommodityBusiness	Commodity business
3	CurrencyBusiness	Currency business

---

---

Code	Name	Description
4	ExchangeBusiness	Exchange business
5	ScheduledTradingDay	Scheduled trading day

---

Used in components: [OptionExerciseDates](#)

### 170.2.3563 OptionExerciseStartDateOffsetPeriod

Time unit multiplier for the relative exercise start date offset.

Type: [int](#)

Used in components: [OptionExerciseDates](#)

### 170.2.3564 OptionExerciseStartDateOffsetUnit

Time unit associated with the relative exercise start date offset.

Type: [String](#)

Allowed values in PaymentStreamPaymentDateOffsetUnitCodeSet:

---

Code	Name	Description
D	Day	Day
Wk	Week	Week
Mo	Month	Month
Yr	Year	Year

---

Used in components: [OptionExerciseDates](#)

### 170.2.3565 OptionExerciseStartDateRelativeTo

Specifies the anchor date when the option exercise start date is relative to an anchor date.

See [http://www.fixtradingcommunity.org/codelists#Relative\\_To\\_Date](http://www.fixtradingcommunity.org/codelists#Relative_To_Date) for values.

Type: [int](#)

Used in components: [OptionExerciseDates](#)

### **170.2.3566 OptionExerciseStartDateUnadjusted**

The unadjusted start date for calculating periodic exercise dates.

Type: **LocalMktDate**

Used in components: **OptionExerciseDates**

### **170.2.3567 OptionExerciseTimeBusinessCenter**

The business center used to determine the locale for option exercise time, e.g. "GBLO".

See <http://www.fpml.org/coding-scheme/business-center> for standard 4-character code values

Type: **String**

Used in components: **OptionExerciseDates**

### **170.2.3568 OptionExpirationDesc**

Description of the option expiration.

Type: **String**

Used in components: **Instrument**

### **170.2.3569 OptionsExchangeDividendsIndicator**

Indicates whether option exchange dividends are applicable.

Type: **Boolean**

Used in components: **DividendConditions**

### **170.2.3570 OptPayoutAmount**

Cash amount indicating the pay out associated with an option. For binary options this is a fixed amount.

Type: **Amt**

Used in components: **Instrument**

**170.2.3571 OptPayoutType**

Indicates the type of valuation method or payout trigger for an in-the-money option.

Type: **int**

Allowed values in OptPayoutTypeCodeSet:

Code	Name	Description
1	Vanilla	Vanilla
2	Capped	Capped
3	Binary	Digital (Binary)
4	Asian	Asian
5	Barrier	Barrier
6	DigitalBarrier	Digital Barrier
7	Lookback	Lookback
8	OtherPathDependent	Other path dependent
99	Other	Other

Used in components: **Instrument**

**170.2.3572 OrdAllocGrp**

Name	Mult.	Type	Description
<b>NoOrders</b>	[1..1]	NumInGroup	Indicates number of orders to be combined for allocation. If order(s) were manually delivered set to 1 (one). Required when AllocNoOrdersType = 1
<b>ClOrdID</b>	[0..1]	String	Order identifier assigned by client if order(s) were electronically delivered over FIX (or otherwise assigned a ClOrdID) and executed. If order(s) were manually delivered (or otherwise not delivered over FIX) this field should contain string "MANUAL". Note where an order has undergone one or more cancel/replaces, this should be the ClOrdID of the most recent version of the order. Required when NoOrders(73) > 0 and must be the first repeating field in the group.
<b>OrderID</b>	[0..1]	String	

Name	Mult.	Type	Description
SecondaryOrderID	[0..1]	String	Can be used to provide order id used by exchange or executing system.
SecondaryClOrdID	[0..1]	String	
ListID	[0..1]	String	Required for List Orders.
NestedParties2	[0..*]	Group	Insert here the set of "NestedParties2" fields defined in "Common Components of Application Messages". This is used to identify the executing broker for step in/give in trades
OrderQty	[0..1]	Qty	
OrderAvgPx	[0..1]	Price	Average price for this order. For FX, if specified, expressed in terms of Currency(15).
OrderBookingQty	[0..1]	Qty	Quantity of this order that is being booked out by this message (will be equal to or less than this order's OrderQty). Note that the sum of the OrderBookingQty values in this repeating group must equal the total quantity being allocated (in Quantity (53) field)
OrdType	[0..1]	CodeSet	

Used in messages: [AllocationInstruction](#), [AllocationInstructionAlert](#), [AllocationReport](#), [Confirmation](#), [ConfirmationRequest](#)

### 170.2.3573 OrderAggregationGrp

Identifies the orders being aggregated together.

Name	Mult.	Type	Description
NoOrders	[1..1]	NumInGroup	
ClOrdID	[0..1]	String	Required if NoOrders(73) > 0.
OrderID	[0..1]	String	
OrderQty	[0..1]	Qty	Required if NoOrders(73) > 0.
OrderAvgPx	[0..1]	Price	

Used in messages: [TradeAggregationRequest](#)



### 170.2.3574 OrderAttributeGrp

The OrderAttributeGrp component provides additional attributes about the order. Attributes included in this component are primarily "indicators" that may be associated with regulatory requirements and are typically not part of normal trading activities.

Name	Mult.	Type	Description
NoOrderAttributes	[1..1]	NumInGroup	
OrderAttributeType	[0..1]	CodeSet	Required if NoOrderAttributes(2593) > 0.
OrderAttributeValue	[0..1]	String	Required if NoOrderAttributes(2593) > 0.

Used in components: [TradeReportOrderDetail](#)

Used in groups: [ListOrdGrp](#)

Used in messages: [ExecutionReport](#), [MultilegOrderCancelReplace](#), [NewOrderMultileg](#), [NewOrderSingle](#), [OrderCancelReplaceRequest](#)

### 170.2.3575 OrderAttributeType

The type of order attribute.

Type: [int](#)

Allowed values in OrderAttributeTypeCodeSet:

Code	Name	Description
0	AggregatedOrder	Aggregated order. In the context of ESMA RTS 24 Article 2(3), when OrderAttributeValue(2595)=Y, it signifies that the order consists of several orders aggregated together. This maps to ESMA RTS value "AGGR".
1	PendingAllocation	Order pending allocation. In the context of ESMA RTS 24 Article 2(2), when OrderAttributeValue(2595)=Y, it signifies that the order submitter "is authorized under the legislation of a Member State to allocate an order to its client following submission of the order to the trading venue and has not yet allocated the order to its client at the time of the submission of the order". This maps to ESMA RTS value "PNAL".

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
2	LiquidityProvisionActivityOrder	Liquidity provision activity order. In the context of ESMA RTS 24 Article 3, when OrderAttributeValue(2595)=Y, it signifies that the order was submitted "as part of a market making strategy pursuant to Articles 17 and 18 of Directive 2014/65/EU, or is submitted as part of another activity in accordance with Article 3" (of RTS 24).
3	RiskReductionOrder	Risk reduction order. In the context of ESMA RTS 22 Article 4(2)(i), when OrderAttributeValue(2595)=Y, it signifies that the commodity derivative order is a transaction "to reduce risk in an objectively measurable way in accordance with Article 57 of Directive 2014/65/EU".
4	AlgorithmicOrder	Algorithmic order. When OrderAttributeValue(2595)=Y, it signifies the order submitted to the dealer/investment firm resulted from an algorithm.
5	SystematicInternaliserOrder	Systematic internaliser order. When OrderAttributeValue(2595)=Y, it signifies the order is submitted by a systematic internaliser.
6	AllExecutionsSubmittedToAPA	All executions for the order are to be submitted to an APA. All executions from this order that may need to be trade reported by the order submitter under MiFID II rules will be submitted by the order receiver on the submitter's behalf to the Approved Publication Arrangement (APA) facility specified in OrderAttributeValue(2595). ESMA RTS 1.
7	OrderExecutionInstructedByClient	Order execution instructed by client. In the context of ESMA RTS 22, Annex I, Table 2, Field 59, when OrderAttributeValue(2595)=Y, it signifies that the execution (e.g. the details of the trade including the venue of execution) was instructed by a client or by another person from outside the Investment Firm but within the same group (Field 59 'CLIENT' in ESMA 2016-1452 Guidelines).
8	LargeInScale	Large in scale order. In the context of MiFIR Article 4(1)(c) and Article 9(1)(a), when OrderAttributeValue(2595)=Y, it signifies that the order size is large in scale compared to normal market size.
9	Hidden	Hidden order. In the context of MiFIR Article 4(1)(d) and Article 9(1)(a), when OrderAttributeValue(2595)=Y, it signifies that the order is held in an order management facility of the trading venue pending disclosure.

---

Code	Name	Description
10	SubjectToEUSTO	Subject to EU share trading obligation (STO). This attribute is mutually exclusive with OrderAttributeType(2594)=14 (Exempt from STO), but not mutually exclusive with OrderAttributeType(2594)=11 (Subject to UK STO). In the context of the trading obligation for shares (STO) under ESMA's Article 23 of MiFIR, it signifies that the order is subject to the rules defined by ESMA.
11	SubjectToUKSTO	Subject to UK share trading obligation (STO). This attribute is mutually exclusive with OrderAttributeType(2594)=14 (Exempt from STO), but not mutually exclusive with OrderAttributeType(2594)=10 (Subject to EU STO). In the context of the trading obligation for shares (STO) under ESMA's Article 23 of MiFIR, it signifies that the order is subject to UK rules defined by the FCA.
12	RepresentativeOrder	Representative order. Order was originated to represent an order received by the broker from a customer/client.
13	LinkageType	Linkage type. Order is subject to regulatory linkage requirements related to customer/client orders. Can be used for US CAT order and trade level linkages between customer/client orders and representative orders.
14	ExemptFromSTO	Exempt from share trading obligation (STO). This attribute is mutually exclusive with OrderAttributeType(2594)=10 = (Subject to EU STO) and OrderAttributeType(2594)=11 = (Subject to UK STO). It can be used to override standing instructions for a trading obligation for shares (STO). It overrides the standing instructions in their entirety. In the context of STO under ESMA's Article 23 of MiFIR, it signifies that the order is exempt from any share trading obligation.

---

Used in groups: [OrderAttributeGrp](#)

### 170.2.3576 OrderAttributeValue

The value associated with the order attribute type specified in OrderAttributeType(2594).

Type: [String](#)

Used in groups: [OrderAttributeGrp](#)

**170.2.3577 OrderAvgPx**

Average price for a specific order

Type: **Price**

Used in groups: **OrdAllocGrp, OrderAggregationGrp**

**170.2.3578 OrderBookingQty**

Quantity of the order that is being booked out as part of an Allocation Instruction or Allocation Report message

Type: **Qty**

Used in groups: **OrdAllocGrp**

**170.2.3579 OrderCapacity**

Designates the capacity of the firm placing the order.

(as of FIX 4.3, this field replaced Rule80A (tag 47) –used in conjunction with OrderRestrictions (529) field)

(see Volume : "Glossary" for value definitions)

Type: **char**

Allowed values in OrderCapacityCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
A	Agency	Agency
G	Proprietary	Proprietary
I	Individual	Individual
P	Principal	Principal. For some markets Principal may include Proprietary.
R	RisklessPrincipal	Riskless Principal
W	AgentForOtherMember	Agent for Other Member
M	MixedCapacity	Mixed capacity

---

Used in components: **TradeReportOrderDetail**

Used in groups: **CpctyConfGrp, ListOrdGrp, MDFullGrp, MDIncGrp, QuotEntryAckGrp, QuotEntryGrp, SideCrossOrdModGrp**

Used in messages: [ExecutionReport](#), [MassOrder](#), [MassOrderAck](#), [MultilegOrderCancelReplace](#), [NewOrderMultileg](#), [NewOrderSingle](#), [OrderCancelReplaceRequest](#), [Quote](#), [QuoteRequest](#), [QuoteResponse](#), [QuoteStatusReport](#)

### **170.2.3580 OrderCapacityQty**

Quantity executed under a specific OrderCapacity (e.g. quantity executed as agent, quantity executed as principal)

Type: [Qty](#)

Used in groups: [CpctyConfGrp](#)

### **170.2.3581 OrderCategory**

Defines the type of interest behind a trade (fill or partial fill).

Type: [char](#)

Allowed values in OrderCategoryCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
1	Order	Order
2	Quote	Quote
3	PrivatelyNegotiatedTrade	Privately Negotiated Trade
4	MultilegOrder	Multileg order
5	LinkedOrder	Linked order
6	QuoteRequest	Quote Request
7	ImpliedOrder	Implied Order
8	CrossOrder	Cross Order
9	StreamingPrice	Streaming price (quote)
A	InternalCrossOrder	Internal Cross Order

---

Used in groups: [MDFullGrp](#), [MDIncGrp](#), [TrdCapRptAckSideGrp](#), [TrdCapRptSideGrp](#), [TrdMatchSideGrp](#)

Used in messages: [ExecutionReport](#)

**170.2.3582 OrderDelay**

Time lapsed from order entry until match, based on the unit of time specified in OrderDelayUnit. Default is seconds if OrderDelayUnit is not specified. Value = 0, indicates the aggressor (the initiating side of the trade).

Type: **int**

Used in groups: **TrdCapRptAckSideGrp, TrdCapRptSideGrp, TrdMatchSideGrp**

**170.2.3583 OrderDelayUnit**

Time unit in which the OrderDelay(1428) is expressed

Type: **int**

Allowed values in OrderDelayUnitCodeSet:

Code	Name	Description
0	Seconds	Seconds (default if not specified)
1	TenthsOfASecond	Tenths of a second
2	HundredthsOfASecond	Hundredths of a second
3	Milliseconds	milliseconds
4	Microseconds	microseconds
5	Nanoseconds	nanoseconds
10	Minutes	minutes
11	Hours	hours
12	Days	days
13	Weeks	weeks
14	Months	months
15	Years	years

Used in groups: **TrdCapRptAckSideGrp, TrdCapRptSideGrp, TrdMatchSideGrp**

**170.2.3584 OrderEntryAckGrp**

Acknowledgment for a group of order transactions across one or more instruments.

Name	Mult.	Type	Description
NoOrderEntries	[1..1]	NumInGroup	
OrdStatus	[0..1]	CodeSet	Required if NoOrderEntries(2428) > 0.
ExecType	[0..1]	CodeSet	Required if NoOrderEntries(2428) > 0.
ExecTypeReason	[0..1]	CodeSet	
OrderEntryAction	[0..1]	CodeSet	
OrderEntryID	[0..1]	int	Conditionally required when neither ClOrdID(11) nor OrderID(37) is provided.
ClOrdID	[0..1]	String	Conditionally required when neither OrderEntryID(2430) nor OrderID(37) is provided.
OrigClOrdID	[0..1]	String	ClOrdID(11) of the previous non rejected order (NOT the initial order of the day) when canceling or replacing an order. Conditionally required when ClOrdID(11) is provided and message-chaining model is used.
OrderID	[0..1]	String	Conditionally required when neither OrderEntryID(2430) nor ClOrdID(11) is provided.
OrdRejReason	[0..1]	CodeSet	
CumQty	[0..1]	Qty	Use to explicitly provide executed quantity.
LeavesQty	[0..1]	Qty	Use to explicitly provide remaining quantity.
CxlQty	[0..1]	Qty	Use to explicitly provide cancelled quantity.
OrdType	[0..1]	CodeSet	
Price	[0..1]	Price	
Side	[0..1]	CodeSet	
TimeInForce	[0..1]	CodeSet	
OrderQtyData	[0..1]	Component	
Instrument	[0..1]	Component	

Used in messages: [MassOrderAck](#)

### 170.2.3585 OrderEntryAction

Specifies the action to be taken for the given order.

Type: [char](#)

Allowed values in OrderEntryActionCodeSet:

Code	Name	Description
1	Add	Add
2	Modify	Modify
3	Delete	Delete / Cancel
4	Suspend	Suspend
5	Release	Release

Used in groups: [OrderEntryAckGrp](#), [OrderEntryGrp](#)

### 170.2.3586 OrderEntryGrp

Group of order transactions across one or more instruments.

Name	Mult.	Type	Description
<a href="#">NoOrderEntries</a>	[1..1]	NumInGroup	
<a href="#">OrderEntryAction</a>	[0..1]	CodeSet	Required if NoOrderEntries(2428) > 0.
<a href="#">OrderEntryID</a>	[0..1]	int	Unique order entry identification across all entries of a single message. Conditionally required when neither CIOrdID(11) nor OrderID(37) is provided.
<a href="#">CIOrdID</a>	[0..1]	String	Conditionally required when neither OrderEntryID(2430) nor OrderID(37) is provided.
<a href="#">OrigCIOrdID</a>	[0..1]	String	Conditionally required when OrderEntryAction(2429) is not "1" (Add), CIOrdID(11) was provided in original order, and message-chaining model is used.
<a href="#">OrderID</a>	[0..1]	String	Conditionally required when OrderEntryAction(2429) is not "1" (Add) and neither OrderEntryID(2430) nor CIOrdID(11) is provided.
<a href="#">OrdType</a>	[0..1]	CodeSet	Conditionally required when OrderEntryAction (2429) = 1 (Add) or 2 (Modify). Only a subset of OrdType(40) values permitted that do not require additional pricing fields other than Price(44) field.
<a href="#">Price</a>	[0..1]	Price	Conditionally required when OrdType(40) = 2 (Limit)
<a href="#">Side</a>	[0..1]	CodeSet	Conditionally required when OrderEntryAction(2429) = 1 (Add) or 2 (Modify)



Name	Mult.	Type	Description
TimeInForce	[0..1]	CodeSet	Only subset of values permitted that do not require additional fields
OrderQtyData	[0..1]	Component	Conditionally required when OrderEntryAction(2429) = 1 (Add) or 2 (Modify)
Instrument	[0..1]	Component	Required if NoOrderEntries(2432) > 0.

Used in messages: [MassOrder](#)

### 170.2.3587 OrderEntryID

Unique identifier for an order within a single [MassOrder\(35=DJ\)](#) message that can be used as a reference in the [MassOrderAck\(35=DK\)](#) message.

Type: [int](#)

Used in groups: [OrderEntryAckGrp](#), [OrderEntryGrp](#)

### 170.2.3588 OrderEventExecID

Refer to [ExecID\(17\)](#). Used when multiple different events are reported in single Execution Report. [ExecID\(17\)](#) and [OrderEventExecID\(1797\)](#) values should not overlap.

Type: [String](#)

Used in groups: [OrderEventGrp](#)

### 170.2.3589 OrderEventGrp

List the different types of events affecting orders. These can include entry, modification and deletion of orders as well as executions (fills). Modifications can be solicited or unsolicited, e.g. triggering of stop orders, replenishment of reserve orders, orders being suspended (locked) or released from suspension.

Name	Mult.	Type	Description
NoOrderEvents	[1..1]	NumInGroup	
OrderEventType	[0..1]	CodeSet	Required when NoOrderEvents(1795) > 0.
OrderEventExecID	[0..1]	String	

Name	Mult.	Type	Description
OrderEventReason	[0..1]	CodeSet	
OrderEventPx	[0..1]	Price	
OrderEventQty	[0..1]	Qty	
OrderEventLiquidityIndicator	[0..1]	CodeSet	
OrderEventText	[0..1]	String	

Used in messages: [ExecutionReport](#)

### 170.2.3590 OrderEventLiquidityIndicator

Indicator to identify whether this fill was a result of a liquidity provider providing or liquidity taker taking the liquidity. Applicable only for OrderEventType(1796) values of 4(Partially Filled) or 5(Filled).

Type: [int](#)

Allowed values in LastLiquidityIndCodeSet:

Code	Name	Description
0	NeitherAddedNorRemovedLiquidity	Neither added nor removed liquidity. May be used by venues where market rules do not define "add" or "remove" liquidity. In the context of the SEC amendment of Regulation NMS Rule 606(b), may be used to identify executions that are only reported as part of total shares executed and not as part of shares providing or removing liquidity (see <a href="https://www.sec.gov/rules/final/2018/34-84528.pdf">https://www.sec.gov/rules/final/2018/34-84528.pdf</a> for details).
1	AddedLiquidity	Added Liquidity
2	RemovedLiquidity	Removed Liquidity
3	LiquidityRoutedOut	Liquidity Routed Out
4	Auction	Auction execution
5	TriggeredStopOrder	Triggered stop order. Fill was the result of a stop order being triggered and immediately executed.
6	TriggeredContingencyOrder	Triggered contingency order. Fill was the result of a contingency order (OCO, OTO, OUO) becoming active (after cancelling or updating another order) and being immediately executed.
7	TriggeredMarketOrder	Triggered market order. Fill was the result of a market order being triggered due to an executable orderbook situation.

Code	Name	Description
8	RemovedLiquidityAfterFirmOrder-Commitment	Removed liquidity after firm order commitment. An order that was submitted for continuous trading that required a firm order commit prior to execution. "Conditional order" is an alternate term used for such orders.
9	AuctionExecutionAfterFirmOrder-Commitment	Auction execution after firm order commitment. An order that was submitted for auction trading that required a firm order commit prior to execution. "Conditional order" is an alternate term used for such orders.
10	Unknown	Unknown. The liquidity indicator of the execution cannot be determined or was not provided upon execution.
11	Other	Other. None of the existing liquidity indicators are applicable for the execution (e.g. due to a venue's new order type that does not fit existing values).

Used in groups: [OrderEventGrp](#)

#### **170.2.3591 OrderEventPx**

Price associated with the event.

Type: [Price](#)

Used in groups: [OrderEventGrp](#)

#### **170.2.3592 OrderEventQty**

Quantity associated with the event.

Type: [Qty](#)

Used in groups: [OrderEventGrp](#)

#### **170.2.3593 OrderEventReason**

Action that caused the event to occur.

Type: [int](#)

Allowed values in OrderEventReasonCodeSet:

---

Code	Name	Description
1	AddOrderRequest	Add order request
2	ModifyOrderRequest	Modify order request
3	DeleteOrderRequest	Delete order request
4	OrderEnteredOOB	Order entered out-of-band
5	OrderModifiedOOB	Order modified out-of-band
6	OrderDeletedOOB	Order deleted out-of-band
7	OrderActivatedOrTriggered	Order activated or triggered
8	OrderExpired	Order expired
9	ReserveOrderRefreshed	Reserve order refreshed
10	AwayMarketBetter	Away market better
11	CorporateAction	Corporate action
12	StartOfDay	Start of day
13	EndOfDay	End of day

---

Used in groups: [OrderEventGrp](#)

#### **170.2.3594 OrderEventText**

Additional information about the event.

Type: [String](#)

Used in groups: [OrderEventGrp](#)

#### **170.2.3595 OrderEventType**

The type of event affecting an order. The last event type within the OrderEventGrp component indicates the ExecType(150) value resulting from the series of events (ExecType(150) values are shown in brackets).

Type: [int](#)

Allowed values in OrderEventTypeCodeSet:

---

Code	Name	Description
1	Added	Added (0=New)

---

---

Code	Name	Description
2	Modified	Modified (5=Replaced)
3	Deleted	Deleted (4=Canceled)
4	PartiallyFilled	Partially Filled (F=Trade)
5	Filled	Filled (F=Trade)
6	Suspended	Suspended (9=Suspended)
7	Released	Released (N=Released)
8	Restated	Restated (D=Restated)
9	Locked	Locked (M=Locked)
10	Triggered	Triggered (L=Triggered or Activated by System)
11	Activated	Activated (L=Triggered or Activated by System)

---

Used in groups: [OrderEventGrp](#)

### 170.2.3596 OrderHandlingInstSource

Identifies the class or source of the order handling instruction values. Scope of this will apply to both CustOrderHandlingInst(1031) and DeskOrderHandlingInst(1035).

Conditionally required when CustOrderHandlingInst(1031) or DeskOrderHandlingInst(1035) is specified.

Type: [int](#)

Allowed values in OrderHandlingInstSourceCodeSet:

---

Code	Name	Description
1	FINRAOATS	FINRA OATS
2	FIAExecutionSourceCode	FIA Execution Source Code

---

Used in groups: [TrdCapRptAckSideGrp](#), [TrdCapRptSideGrp](#), [TrdMatchSideGrp](#)

Used in messages: [AllocationInstructionAlert](#), [AllocationReport](#), [AllocationReportAck](#), [ExecutionReport](#), [NewOrderSingle](#), [OrderCancelReplaceRequest](#)

**170.2.3597 OrderID**

Unique identifier for Order as assigned by sell-side (broker, exchange, ECN). Uniqueness must be guaranteed within a single trading day. Firms which accept multi-day orders should consider embedding a date within the OrderID field to assure uniqueness across days.

Type: **String**

Used in components: **TradeReportOrderDetail**

Used in groups: **MDFullGrp, MDIncGrp, OrdAllocGrp, OrdListStatGrp, OrderAggregationGrp, OrderEntryAckGrp, OrderEntryGrp**

Used in messages: **CollateralAssignment, CollateralInquiry, CollateralInquiryAck, CollateralReport, CollateralRequest, CollateralResponse, CrossOrderCancelReplaceRequest, CrossOrderCancelRequest, DontKnowTrade, Email, ExecutionAck, ExecutionReport, MultilegOrderCancelReplace, OrderCancelReject, OrderCancelReplaceRequest, OrderCancelRequest, OrderMassCancelReport, OrderStatusRequest, TradeCaptureReportRequest**

**170.2.3598 OrderInputDevice**

Specific device number, terminal number or station where order was entered

Type: **String**

Used in components: **TradeReportOrderDetail**

**170.2.3599 OrderOrigination**

Identifies the origin of the order.

Type: **int**

Allowed values in OrderOriginationCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
1	OrderReceivedFromCustomer	Order received from a customer
2	OrderReceivedFromWithinFirm	Order received from within the firm
3	OrderReceivedFromAnotherBrokerDealer	Order received from another broker-dealer
4	OrderReceivedFromCustomerOrWithFirm	Order received from a customer or originated from within the firm

---

Code	Name	Description
5	OrderReceivedFromDirectAccessCustomer	Order received from a direct access or sponsored access customer
6	OrderReceivedFromForeignDealerEquivalent	Order received from a foreign dealer equivalent. A foreign dealer equivalent is a person in the business of trading securities in a foreign jurisdiction in a manner analogous to an investment dealer and that is subject to the regulatory jurisdiction of a signatory to the International Organization of Securities Commissions' (IOSCO) Multilateral Memorandum of Understanding. in that foreign jurisdiction.
7	OrderReceivedFromExecutionOnly-Service	Order received from an execution-only service. The acceptance and execution of orders from customers for trades that the broker-dealer has not recommended and for which the broker-dealer takes no responsibility as to the appropriateness or suitability of orders accepted or account positions held.

---

Used in components: [TradeReportOrderDetail](#)

Used in groups: [SideCrossOrdModGrp](#)

Used in messages: [ExecutionReport](#), [MultilegOrderCancelReplace](#), [NewOrderMultileg](#), [NewOrderSingle](#), [OrderCancelReplaceRequest](#)

### **170.2.3600 OrderOriginationFirmID**

Identifier for the original owner of an order as part of the RelatedOrderGrp component. Use the Parties component with PartyRole(452) = 13 (Order Origination Firm) to identify the original owner of an individual order.

Type: [String](#)

Used in groups: [RelatedOrderGrp](#)

### **170.2.3601 OrderOwnershipIndicator**

Change of ownership of an order to a specific party.

Type: [int](#)

Allowed values in OrderOwnershipIndicatorCodeSet:

Code	Name	Description
0	NoChange	No change of ownership (default)
1	ExecutingPartyChange	Change of ownership to executing party. Executing party can be given either implicitly via session attributes or explicitly via Parties component. The party taking over ownership must also be the one submitting the request.
2	EnteringPartyChange	Change of ownership to entering party. Entering party can be given either implicitly via session attributes or explicitly via Parties component. The party taking over ownership must also be the one submitting the request.
3	SpecifiedPartyChange	Change of ownership to specified party. Ownership is transferred by a third party from/to the parties specified via Parties component together with PartyRoleQualifier(2376) = Current(18) and New(19).

Used in messages: [ExecutionReport](#), [MultilegOrderCancelReplace](#), [OrderCancelReplaceRequest](#)

#### **170.2.3602 OrderPercent**

For CIV specifies the approximate order quantity desired. For a CIV Sale it specifies percentage of investor's total holding to be sold. For a CIV switch/exchange it specifies percentage of investor's cash realised from sales to be re-invested. The executing broker, intermediary or fund manager is responsible for converting and calculating OrderQty (38) in shares/units for subsequent messages.

Type: [Percentage](#)

Used in components: [OrderQtyData](#)

#### **170.2.3603 OrderPercentOfTotalVolume**

For Percent-of-volume (POV) average pricing this is the target percentage this order quantity represents of the total trading volume of an instrument during the specified time period. This provides the data needed to ensure that the average price is fair based on the total sum of grouped POV trades.

Type: [Percentage](#)

Used in components: [TradeReportOrderDetail](#)



**170.2.3604 OrderQty**

Quantity ordered. This represents the number of shares for equities or par, face or nominal value for FI instruments.

(Prior to FIX 4.2 this field was of type int)

Type: Qty

Used in components: OrderQtyData

Used in groups: OrdAllocGrp, OrderAggregationGrp

Used in messages: CrossRequest, CrossRequestAck

**170.2.3605 OrderQty2**

OrderQty (38) of the future part of a F/X swap order.

Type: Qty

Used in groups: ListOrdGrp, QuotEntryAckGrp, QuotEntryGrp, QuotReqGrp, QuotReqRjctGrp

Used in messages: ExecutionReport, NewOrderSingle, OrderCancelReplaceRequest, Quote, QuoteResponse, QuoteStatusReport

**170.2.3606 OrderQtyData**

The OrderQtyData component block contains the fields commonly used for indicating the amount or quantity of an order. Note that when this component block is marked as "required" in a message either one of these three fields must be used to identify the amount: OrderQty, CashOrderQty or OrderPercent (in the case of CIV).

---

Name	Mult.	Type	Description
OrderQty	[0..1]	Qty	One of CashOrderQty, OrderQty, or (for CIV only) OrderPercent is required. Note that unless otherwise specified, only one of CashOrderQty, OrderQty, or OrderPercent should be specified.

---

Name	Mult.	Type	Description
CashOrderQty	[0..1]	Qty	One of CashOrderQty, OrderQty, or (for CIV only) OrderPercent is required. Note that unless otherwise specified, only one of CashOrderQty, OrderQty, or OrderPercent should be specified. Specifies the approximate "monetary quantity" for the order. Broker is responsible for converting and calculating OrderQty in tradeable units (e.g. shares) for subsequent messages.
OrderPercent	[0..1]	Percentage	For CIV - Optional. One of CashOrderQty, OrderQty or (for CIV only) OrderPercent is required. Note that unless otherwise specified, only one of CashOrderQty, OrderQty, or OrderPercent should be specified.
RoundingDirection	[0..1]	CodeSet	For CIV - Optional
RoundingModulus	[0..1]	float	For CIV - Optional

Used in components: [TradeReportOrderDetail](#)

Used in groups: [ListOrdGrp](#), [OrderEntryAckGrp](#), [OrderEntryGrp](#), [QuotReqGrp](#), [QuotReqRjctGrp](#), [SideCrossOrdCxlGrp](#), [SideCrossOrdModGrp](#)

Used in messages: [DontKnowTrade](#), [ExecutionAck](#), [ExecutionReport](#), [IOI](#), [MultilegOrderCancelReplace](#), [NewOrderMultileg](#), [NewOrderSingle](#), [OrderCancelReplaceRequest](#), [OrderCancelRequest](#), [Quote](#), [QuoteResponse](#), [QuoteStatusReport](#)

### 170.2.3607 OrderRelationship

Describes the type of relationship between the order identified by RelatedOrderID(2887) and the order outside of the RelatedOrderGrp component.

Type: [int](#)

Allowed values in OrderRelationshipCodeSet:

Code	Name	Description
0	NotSpecified	Not specified
1	OrderAggregation	Order aggregation. Order has been subject to a bundling of multiple orders to a single new order identified outside of the component.

---

Code	Name	Description
2	OrderSplit	Order split. Order has been created as a child order of the order identified outside of the component.

---

Used in groups: [RelatedOrderGrp](#)

### 170.2.3608 OrderRequestID

Unique message identifier for an order request as assigned by the submitter of the request.

Type: [int](#)

Used in messages: [CrossOrderCancelReplaceRequest](#), [CrossOrderCancelRequest](#), [ExecutionReport](#), [MultilegOrderCancelReplace](#), [NewOrderCross](#), [NewOrderMultileg](#), [NewOrderSingle](#), [OrderCancelReject](#), [OrderCancelReplaceRequest](#), [OrderCancelRequest](#), [SecurityDefinition](#)

### 170.2.3609 OrderResponseLevel

The level of response requested from receiver of mass order messages. A default value should be bilaterally agreed.

Type: [int](#)

Allowed values in OrderResponseLevelCodeSet:

---

Code	Name	Description
0	NoAck	No acknowledgement. Responses are provided through one or more ExecutionReport(35=8) messages.
1	MinimumAck	Minimum acknowledgement. The minimum is any information to explain why the requested transaction was refused or led to additional events, e.g. immediate execution of an order that was entered or modified.
2	AckEach	Acknowledge each order. The number of entries in the response is identical to the number of entries in the request.
3	SummaryAck	Summary acknowledgement. Responses are provided through a single MassOrderAck(35=DK) without entries and one or more ExecutionReport(35=8) messages.

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Used in messages: [MassOrder](#), [MassOrderAck](#)

**170.2.3610 OrderRestrictions**

Restrictions associated with an order. If more than one restriction is applicable to an order, this field can contain multiple instructions separated by space.

Type: **MultipleCharValue**

Allowed values in OrderRestrictionsCodeSet:

Code	Name	Description
1	ProgramTrade	Program Trade
2	IndexArbitrage	Index Arbitrage
3	NonIndexArbitrage	Non-Index Arbitrage
4	CompetingMarketMaker	Competing Market Maker
5	ActingAsMarketMakerOrSpecialistIn-Security	Acting as Market Maker or Specialist in the security
6	ActingAsMarketMakerOrSpecialistIn-Underlying	Acting as Market Maker or Specialist in the underlying security of a derivative security
7	ForeignEntity	Foreign Entity (of foreign government or regulatory jurisdiction)
8	ExternalMarketParticipant	External Market Participant
9	ExternalInterConnectedMarketLinkage	External Inter-connected Market Linkage
A	RisklessArbitrage	Riskless Arbitrage
B	IssuerHolding	Issuer Holding
C	IssuePriceStabilization	Issue Price Stabilization
D	NonAlgorithmic	Non-algorithmic
E	Algorithmic	Algorithmic
F	Cross	Cross
G	InsiderAccount	Insider Account
H	SignificantShareholder	Significant Shareholder
I	NormalCourseIssuerBid	Normal Course Issuer Bid (NCIB)

Used in components: **TradeReportOrderDetail**

Used in groups: **CpctyConfGrp, ListOrdGrp, QuotEntryAckGrp, QuotEntryGrp, SideCrossOrdModGrp**

Used in messages: **ExecutionReport, MassOrder, MassOrderAck, MultilegOrderCancelReplace, NewOrderMultileg, NewOrderSingle, OrderCancelReplaceRequest, Quote, QuoteRequest, QuoteResponse, QuoteStatusReport**

**170.2.3611 OrdListStatGrp**

Name	Mult.	Type	Description
NoOrders	[1..1]	NumInGroup	Number of orders stasued in this message, i.e. number of repeating groups to follow.
ClOrdID	[0..1]	String	Required when referring to orders that were electronically submitted over FIX or otherwise assigned a ClOrdID.
OrderID	[0..1]	String	
SecondaryClOrdID	[0..1]	String	
CumQty	[1..1]	Qty	
OrdStatus	[1..1]	CodeSet	
WorkingIndicator	[0..1]	CodeSet	For optional use with OrdStatus = 0 (New)
LeavesQty	[1..1]	Qty	Quantity open for further execution. LeavesQty = OrderQty - CumQty.
CxlQty	[1..1]	Qty	
AvgPx	[1..1]	Price	
OrdRejReason	[0..1]	CodeSet	Used if the order is rejected
Text	[0..1]	String	
EncodedTextLen	[0..1]	Length	Must be set if EncodedText field is specified and must immediately precede it.
EncodedText	[0..1]	data	Encoded (non-ASCII characters) representation of the Text field in the encoded format specified via the MessageEncoding field.

Used in messages: [ListStatus](#)

**170.2.3612 OrdRejReason**

Code to identify reason for order rejection. Note: Values 3, 4, and 5 will be used when rejecting an order due to pre-allocation information errors.

Type: [int](#)

Allowed values in OrdRejReasonCodeSet:

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	BrokerCredit	Broker / Exchange option
1	UnknownSymbol	Unknown symbol
2	ExchangeClosed	Exchange closed
3	OrderExceedsLimit	Order exceeds limit
4	TooLateToEnter	Too late to enter
5	UnknownOrder	Unknown order
6	DuplicateOrder	Duplicate Order (e.g. dupe ClOrdID)
7	DuplicateOfAVerballyCommunicatedOrder	Duplicate of a verbally communicated order
8	StaleOrder	Stale order
9	TradeAlongRequired	Trade along required
10	InvalidInvestorID	Invalid Investor ID
11	UnsupportedOrderCharacteristic	Unsupported order characteristic
12	SurveillanceOption	Surveillance option
13	IncorrectQuantity	Incorrect quantity
14	IncorrectAllocatedQuantity	Incorrect allocated quantity
15	UnknownAccount	Unknown account(s)
16	PriceExceedsCurrentPriceBand	Price exceeds current price band
18	InvalidPriceIncrement	Invalid price increment
19	ReferencePriceNotAvailable	Reference price not available
20	NotionalValueExceedsThreshold	Notional value exceeds threshold
21	AlgorithmRiskThresholdBreached	Algorithm risk threshold breached. A sell-side broker algorithm has detected that a risk limit has been breached which requires further communication with the client. Used in conjunction with Text(58) to convey the details of the specific event.
22	ShortSellNotPermitted	Short sell not permitted
23	ShortSellSecurityPreBorrowRestriction	Short sell rejected due to security pre-borrow restriction
24	ShortSellAccountPreBorrowRestriction	Short sell rejected due to account pre-borrow restriction
25	InsufficientCreditLimit	Insufficient credit limit
26	ExceededClipSizeLimit	Exceeded clip size limit
27	ExceededMaxNotionalOrderAmt	Exceeded maximum notional order amount
28	ExceededDV01PV01Limit	Exceeded DV01/PV01 limit
29	ExceededCS01Limit	Exceeded CS01 limit
99	Other	Other

Code	Name	Description
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Used in groups: [OrdListStatGrp](#), [OrderEntryAckGrp](#)

Used in messages: [ExecutionReport](#)

### 170.2.3613 OrdStatus

Identifies current status of order. \*\*\* SOME VALUES HAVE BEEN REPLACED - See "Replaced Features and Supported Approach" \*\*\* (see Volume : "Glossary" for value definitions)

Type: [char](#)

Allowed values in OrdStatusCodeSet:

Code	Name	Description
0	New	New
1	PartiallyFilled	Partially filled
2	Filled	Filled
3	DoneForDay	Done for day
4	Canceled	Canceled
5	Replaced	Replaced (No longer used)
6	PendingCancel	Pending Cancel (i.e. result of Order Cancel Request)
7	Stopped	Stopped
8	Rejected	Rejected
9	Suspended	Suspended
A	PendingNew	Pending New
B	Calculated	Calculated
C	Expired	Expired
D	AcceptedForBidding	Accepted for Bidding
E	PendingReplace	Pending Replace (i.e. result of Order Cancel/Replace Request)

Used in components: [TradeReportOrderDetail](#)

Used in groups: [OrdListStatGrp](#), [OrderEntryAckGrp](#)

Used in messages: [ExecutionReport](#), [OrderCancelReject](#)

**170.2.3614 OrdStatusReqID**

Can be used to uniquely identify a specific Order Status Request message.

Type: **String**

Used in messages: **ExecutionReport, OrderStatusRequest**

**170.2.3615 OrdType**

Order type. \*\*\* SOME VALUES ARE NO LONGER USED - See "Deprecated (Phased-out) Features and Supported Approach" \*\*\* (see Volume : "Glossary" for value definitions)

Type: **char**

Allowed values in OrdTypeCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
1	Market	Market
2	Limit	Limit
3	Stop	Stop/Stop Loss. A stop order that is triggered as a result of a trade in the market at which point the stopped order becomes a market order.
4	StopLimit	Stop Limit. A stop limit order that is triggered as a result of a trade in the market at which point the stopped order becomes a limit order.
5	MarketOnClose	Market On Close (No longer used)
6	WithOrWithout	With Or Without
7	LimitOrBetter	Limit Or Better
8	LimitWithOrWithout	Limit With Or Without
9	OnBasis	On Basis
A	OnClose	On Close (No longer used)
B	LimitOnClose	Limit On Close (No longer used)
C	ForexMarket	Forex Market (No longer used)
D	PreviouslyQuoted	Previously Quoted
E	PreviouslyIndicated	Previously Indicated
F	ForexLimit	Forex Limit (No longer used)
G	ForexSwap	Forex Swap
H	ForexPreviouslyQuoted	Forex Previously Quoted (No longer used)

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Code	Name	Description
I	Funari	Funari (Limit day order with unexecuted portion handles as Market On Close. E.g. Japan)
J	MarketIfTouched	Market If Touched (MIT)
K	MarketWithLeftOverAsLimit	Market With Left Over as Limit (market order with unexecuted quantity becoming limit order at last price)
L	PreviousFundValuationPoint	Previous Fund Valuation Point (Historic pricing; for CIV)
M	NextFundValuationPoint	Next Fund Valuation Point (Forward pricing; for CIV)
P	Pegged	Pegged
Q	CounterOrderSelection	Counter-order selection
R	StopOnBidOrOffer	Stop on Bid or Offer. A stop order that is triggered by a bid or offer price movement (quote) at which point the stopped order becomes a market order, also known as "stop on quote" in some markets (e.g. US markets). In the US equities market it is common to trigger a stop off the National Best Bid or Offer (NBBO).
S	StopLimitOnBidOrOffer	Stop Limit on Bid or Offer. A stop order that is triggered by a bid or offer price movement (quote) at which point the stopped order becomes a limit order, also known as "stop limit on quote" in some markets (e.g. US markets). In the US equities market it is common to trigger a stop off the National Best Bid or Offer (NBBO).

Used in components: [MDStatisticParameters](#), [TradeReportOrderDetail](#)

Used in groups: [ListOrdGrp](#), [MDFullGrp](#), [MDIncGrp](#), [OrdAllocGrp](#), [OrdTypeRules](#), [OrderEntryAckGrp](#), [OrderEntryGrp](#), [QuotEntryAckGrp](#), [QuotEntryGrp](#), [QuotReqGrp](#), [QuotReqRjctGrp](#)

Used in messages: [CrossOrderCancelReplaceRequest](#), [ExecutionReport](#), [MultilegOrderCancelReplace](#), [NewOrderCross](#), [NewOrderMultileg](#), [NewOrderSingle](#), [OrderCancelReplaceRequest](#), [Quote](#), [QuoteResponse](#), [QuoteStatusReport](#)

### 170.2.3616 OrdTypeRules

Name	Mult.	Type	Description
<a href="#">NoOrdTypeRules</a>	[1..1]	NumInGroup	Number of order types
<a href="#">OrdType</a>	[0..1]	CodeSet	Indicates order types that are valid for the specified market segment.

Used in components: [TradingSessionRules](#)

Used in messages: [MarketDefinition](#), [MarketDefinitionUpdateReport](#)

### **170.2.3617 OrigClOrdID**

ClOrdID (11) of the previous order (NOT the initial order of the day) as assigned by the institution, used to identify the previous order in cancel and cancel/replace requests.

Type: [String](#)

Used in groups: [OrderEntryAckGrp](#), [OrderEntryGrp](#), [SideCrossOrdCxlGrp](#), [SideCrossOrdModGrp](#)

Used in messages: [ExecutionReport](#), [MultilegOrderCancelReplace](#), [OrderCancelReject](#), [OrderCancelReplaceRequest](#), [OrderCancelRequest](#)

### **170.2.3618 OrigCrossID**

CrossID of the previous cross order (NOT the initial cross order of the day) as assigned by the institution, used to identify the previous cross order in Cross Cancel and Cross Cancel/Replace Requests.

Type: [String](#)

Used in messages: [CrossOrderCancelReplaceRequest](#), [CrossOrderCancelRequest](#), [ExecutionReport](#)

### **170.2.3619 OrigCustOrderCapacity**

The customer capacity for this trade at the time of the order/execution.

Primarily used by futures exchanges to indicate the CTICode (customer type indicator) as required by the US CFTC (Commodity Futures Trading Commission).

Type: [int](#)

Allowed values in OrigCustOrderCapacityCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
1	MemberTradingForTheirOwnAccount	Member trading for their own account
2	ClearingFirmTradingForItsProprietaryAccount	Clearing Firm trading for its proprietary account
3	MemberTradingForAnotherMember	Member trading for another member

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Code	Name	Description
4	AllOther	All other

Used in components: [TradeReportOrderDetail](#)

### **170.2.3620 OriginalNotionalPercentageOutstanding**

Used to reflect the Original value prior to the application of a credit event. See NotionalPercentageOutstanding(1451).

Type: [Percentage](#)

Used in components: [Instrument](#)

### **170.2.3621 OriginatingDeptID**

An identifier representing the department or desk within the firm that originated the order.

Type: [String](#)

Used in groups: [SideCrossOrdModGrp](#)

Used in messages: [ExecutionReport](#), [NewOrderSingle](#), [OrderCancelReplaceRequest](#)

### **170.2.3622 OrigOrdModTime**

The most recent (or current) modification TransactTime (tag 60) reported on an Execution Report for the order. The OrigOrdModTime is provided as an optional field on Order Cancel Request and Order Cancel Replace Requests to identify that the state of the order has not changed since the request was issued. The use of this approach is not recommended.

Type: [UTCTimestamp](#)

Used in components: [TradeReportOrderDetail](#)

Used in groups: [SideCrossOrdCxlGrp](#), [SideCrossOrdModGrp](#)

Used in messages: [MultilegOrderCancelReplace](#), [OrderCancelReject](#), [OrderCancelReplaceRequest](#), [OrderCancelRequest](#)

### **170.2.3623 OrigPosReqRefID**

Reference to the PosReqID (710) of a previous maintenance request that is being replaced or canceled.

Type: **String**

Used in messages: **PositionMaintenanceReport, PositionMaintenanceRequest**

### **170.2.3624 OrigSecondaryTradeID**

Used to preserve original secondary trade id when original trade is being referenced in a subsequent trade transaction such as a transfer

Type: **String**

Used in messages: **TradeCaptureReport, TradeCaptureReportAck**

### **170.2.3625 OrigSendingTime**

Original time of message transmission (always expressed in UTC (Universal Time Coordinated, also known as "GMT") when transmitting orders as the result of a resend request.

Type: **UTCTimestamp**

Used in components: **StandardHeader**

### **170.2.3626 OrigStrikePrice**

Original exercise price, e.g. after corporate action requiring changes.

Type: **Price**

Used in components: **Instrument**

### **170.2.3627 OrigTime**

Time of message origination (always expressed in UTC (Universal Time Coordinated, also known as "GMT"))

Type: **UTCTimestamp**

Used in messages: **Email, News**

**170.2.3628 OrigTradeDate**

Used to preserve original trade date when original trade is being referenced in a subsequent trade transaction such as a transfer

Type: [LocalMktDate](#)

Used in messages: [TradeCaptureReport](#), [TradeCaptureReportAck](#)

**170.2.3629 OrigTradeHandlingInstr**

Optionally used with TradeHandlingInstr = 0 to relay the trade handling instruction used when reporting the trade to the marketplace. Same values as TradeHandlingInstr (1123)

Type: [char](#)

Allowed values in TradeHandlingInstrCodeSet:

---

Code	Name	Description
0	TradeConfirmation	Trade confirmation
1	TwoPartyReport	Two-party report
2	OnePartyReportForMatching	One-party report for matching
3	OnePartyReportForPassThrough	One-party report for pass through. Can be used when one of the parties to the trade submits a report which then has to be approved or confirmed by the other (counter)party.
4	AutomatedFloorOrderRouting	Automated floor order routing
5	TwoPartyReportForClaim	Two-party report for claim
6	OnePartyReport	One-party report
7	ThirdPtyRptForPassThrough	Third-party report for pass through. Can be used when RootParties component contains a service provider role who submits the trade report and is not necessarily also on one side of the trade.
8	OnePartyReportAutoMatch	One-party report for auto-match. Indicates that the submission is a transfer trade to a firm or account that is part of the same corporate entity and that once validated the transfer should be automatically accepted without confirmation.

---

Used in messages: [TradeCaptureReport](#), [TradeCaptureReportAck](#)

### **170.2.3630 OrigTradeID**

Used to preserve original trade id when original trade is being referenced in a subsequent trade transaction such as a transfer

Type: **String**

Used in messages: **TradeCaptureReport, TradeCaptureReportAck**

### **170.2.3631 OutMainCntryUIndex**

Value of stocks in Currency

Type: **Amt**

Used in messages: **BidRequest**

### **170.2.3632 OutsideIndexPct**

Used in EFP trades. Represented as a percentage.

Type: **Percentage**

Used in groups: **BidDescReqGrp**

### **170.2.3633 OvernightInterestRate**

Overnight interest rate.

Type: **float**

Used in groups: **ClearingPriceParametersGrp**

### **170.2.3634 OwnershipType**

The relationship between Registration parties.

Type: **char**

Allowed values in OwnershipTypeCodeSet:

---

Code	Name	Description
J	JointInvestors	Joint Investors
T	TenantsInCommon	Tenants in Common
2	JointTrustees	Joint Trustees

---

Used in messages: [RegistrationInstructions](#)

### 170.2.3635 OwnerType

Identifies the type of owner.

Type: [int](#)

Allowed values in OwnerTypeCodeSet:

---

Code	Name	Description
1	IndividualInvestor	Individual investor
2	PublicCompany	Public company
3	PrivateCompany	Private company
4	IndividualTrustee	Individual trustee
5	CompanyTrustee	Company trustee
6	PensionPlan	Pension plan
7	CustodianUnderGiftsToMinorsAct	Custodian under Gifts to Minors Act
8	Trusts	Trusts
9	Fiduciaries	Fiduciaries
10	NetworkingSubAccount	Networking sub-account
11	NonProfitOrganization	Non-profit organization
12	CorporateBody	Corporate body
13	Nominee	Nominee
14	InstitutionalCustomer	Institutional customer
15	Combined	Combined. Representing more than one type of beneficial owner account.
16	MemberFirmEmployee	Member firm employee or associated person
17	MarketMakingAccount	Market making account
18	ProprietaryAccount	Proprietary account
19	NonbrokerDealer	Non-broker-dealer

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Code	Name	Description
20	UnknownBeneficialOwnerType	Unknown beneficial owner type. In the context of US CAT this is a non-broker-dealer foreign affiliate or non-reporting foreign broker-dealer.
21	FirmsErrorAccount	Error account of firm
22	FirmAgencyAveragePriceAccount	Firm agency average price account

Used in groups: [RgstDtIsGrp](#), [TrdCapRptSideGrp](#)

Used in messages: [ExecutionReport](#), [MultilegOrderCancelReplace](#), [NewOrderSingle](#), [OrderCancelReplaceRequest](#), [Quote](#)

### **170.2.3636 PackageID**

Identifier assigned to a collection of trades so that they can be analyzed as one atomic unit for risk assessment and clearing.

Type: [String](#)

Used in messages: [TradeCaptureReport](#)

### **170.2.3637 ParentAllocID**

Contains the IndividualAllocId (tag 467) value of the allocation that is being offset as a result of a new allocation. This would be an optional field that would only be populated in the case of an allocation of an allocation (as well as any subsequent allocations). This wouldn't be populated for an initial allocation since an allocation id is not supplied on default (initial) allocations.

Type: [String](#)

Used in groups: [AllocAckGrp](#), [AllocGrp](#), [TrdAllocGrp](#)

### **170.2.3638 ParentMktSegmID**

Reference to a parent Market Segment. See [MarketSegmentID\(1300\)](#)

Type: [String](#)

Used in messages: [MarketDefinition](#), [MarketDefinitionRequest](#), [MarketDefinitionUpdateReport](#)



### 170.2.3639 ParticipationRate

For a TargetStrategy=Participate order specifies the target participation rate. For other order types this is a volume limit (i.e. do not be more than this percent of the market volume)

Type: **Percentage**

Used in groups: **ListOrdGrp**

Used in messages: **CrossOrderCancelReplaceRequest, ExecutionReport, MultilegOrderCancelReplace, NewOrderCross, NewOrderMultileg, NewOrderSingle, OrderCancelReplaceRequest**

### 170.2.3640 Parties

The Parties component block is used to identify and convey information on the entities both central and peripheral to the financial transaction represented by the FIX message containing the Parties Block. The Parties block allows many different types of entites to be expressed through use of the PartyRole field and identifies the source of the PartyID through the the PartyIDSource.

Name	Mult.	Type	Description
NoPartyIDs	[1..1]	NumInGroup	Repeating group below should contain unique combinations of PartyID, PartyIDSource, and PartyRole
PartyID	[0..1]	String	Required if NoPartyIDs(453) > 0. Identification of the party.
PartyIDSource	[0..1]	CodeSet	Required if NoPartyIDs(453) > 0. Used to identify classification source.
PartyRole	[0..1]	CodeSet	Required if NoPartyIDs(453) > 0. Identifies the type of PartyID(448).
PartyRoleQualifier	[0..1]	CodeSet	
PtysSubGrp	[0..*]	Group	Repeating group of Party sub-identifiers.

Used in groups: **ListOrdGrp, MDFullGrp, MDIncGrp, QuotReqGrp, QuotReqRjctGrp, SettInstGrp, SettIObligationInstructions, SideCrossOrdCxlGrp, SideCrossOrdModGrp, StrmAsgnReqGrp, StrmAsgnRptGrp, TrdCapRptAckSideGrp, TrdCapRptSideGrp, TrdMatchSideGrp**

Used in messages: **AccountSummaryReport, AdjustedPositionReport, AllocationInstruction, AllocationInstructionAck, AllocationInstructionAlert, AllocationInstructionAlertRequest, AllocationReport, AllocationReportAck, ApplicationMessageRequest, ApplicationMessageRequestAck, AssignmentReport, CollateralAssignment, CollateralInquiry, CollateralInquiryAck, CollateralReport, CollateralReport**

tAck, CollateralRequest, CollateralResponse, Confirmation, ContraryIntentionReport, ExecutionReport, IOI, ListCancelRequest, MarginRequirementInquiry, MarginRequirementInquiryAck, MarginRequirementReport, MarketDataRequest, MarketDataRequestReject, MarketDataStatisticsReport, MarketDataStatisticsRequest, MarketDefinition, MarketDefinitionUpdateReport, MassOrder, MassOrderAck, MassQuote, MassQuoteAck, MultilegOrderCancelReplace, NewOrderMultileg, NewOrderSingle, OrderCancelReject, OrderCancelReplaceRequest, OrderCancelRequest, OrderMassActionReport, OrderMassActionRequest, OrderMassCancelReport, OrderMassCancelRequest, OrderMassStatusRequest, OrderStatusRequest, PartyActionReport, PartyActionRequest, PartyDetailsListRequest, PartyEntitlementsRequest, PartyRiskLimitCheckRequest, PartyRiskLimitCheckRequestAck, PartyRiskLimitsRequest, PayManagementReport, PayManagementRequest, PositionMaintenanceReport, PositionMaintenanceRequest, PositionReport, PositionTransferInstruction, PositionTransferInstructionAck, PositionTransferReport, Quote, QuoteAck, QuoteCancel, QuoteResponse, QuoteStatusReport, QuoteStatusRequest, RFQRequest, RegistrationInstructions, RegistrationInstructionsResponse, RequestForPositions, RequestForPositionsAck, SettlementInstructionRequest, SettlementStatusReport, SettlementStatusRequest, TradeAggregationRequest, TradeCaptureReportRequest

#### **170.2.3641 PartyActionRejectReason**

Specifies the reason the PartyActionRequest(35=DH) was rejected.

Type: **int**

Allowed values in PartyActionRejectReasonCodeSet:

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	InvalidParty	Invalid party or parties
1	UnkReqParty	Unknown requesting party
98	NotAuthorized	Not authorized
99	Other	Other

Used in messages: **PartyActionReport**

#### **170.2.3642 PartyActionReportID**

The unique identifier of the PartyActionReport(35=DI) message as assigned by the message sender.

Type: **String**

Used in messages: **PartyActionReport**

**170.2.3643 PartyActionRequestID**

The unique identifier of the PartyActionRequest(35=DH) message.

Type: **String**

Used in messages: **PartyActionReport**, **PartyActionRequest**

**170.2.3644 PartyActionResponse**

Specifies the action taken as a result of the PartyActionType(2239) of the PartyActionRequest(35=DH) message.

Type: **int**

Allowed values in PartyActionResponseCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	Accepted	Accepted. The action request is accepted for processing.
1	Completed	Completed. The processing of the requested action has been successfully completed.
2	Rejected	Rejected. The action request was rejected. PartyActionRejectReason(2233) should be used to specify the rejection reason

---

Used in messages: **PartyActionReport**

**170.2.3645 PartyActionType**

Specifies the type of action to take or was taken for a given party.

Type: **int**

Allowed values in PartyActionTypeCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	Suspend	Suspend
1	HaltTrading	Halt trading
2	Reinstate	Reinstate

---

Used in messages: **PartyActionReport**, **PartyActionRequest**

**170.2.3646 PartyDetailAckGrp**

The PartyDetailAckGrp component is used in the PartyDetailsDefinitionRequestAck(35=CX) message to provide the status of each action (add, modify or delete) requested by the PartyDetailsDefinitionRequest(35=CX) message. The PartyDetailStatus(1880) field is used to indicate the status. In the case where an add or modify request is accepted with changes, the PartyDetailGrp component is required, with the complete set of party details that have been accepted for the party included.

Name	Mult.	Type	Description
NoPartyUpdates	[1..1]	NumInGroup	
ListUpdateAction	[0..1]	CodeSet	Required if NoPartyUpdates(1676) > 0.
PartyDetailDefinitionStatus	[0..1]	CodeSet	Required if NoPartyUpdates(1676) > 0.
PartyDetailDefinitionResult	[0..1]	CodeSet	
RejectText	[0..1]	String	
EncodedRejectTextLen	[0..1]	Length	
EncodedRejectText	[0..1]	data	
PartyDetailGrp	[0..*]	Group	

Used in messages: [PartyDetailsDefinitionRequestAck](#)

**170.2.3647 PartyDetailAltID**

An alternate party identifier for the party specified in PartyDetailID(1691)

Type: [String](#)

Used in groups: [PartyDetailAltIDGrp](#)

**170.2.3648 PartyDetailAltIDGrp**

Alternative identifiers for a party.

Name	Mult.	Type	Description
NoPartyDetailAltID	[1..1]	NumInGroup	
PartyDetailAltID	[0..1]	String	Required when NoPartyDetailAltID > 0.
PartyDetailAltIDSource	[0..1]	CodeSet	Required when NoPartyDetailAltID > 0.
PartyDetailAltSubGrp	[0..*]	Group	

Used in groups: [PartyDetailGrp](#)

### 170.2.3649 PartyDetailAltIDSource

Identifies the source of the PartyDetailAltID(1517) value.

Type: [char](#)

Allowed values in PartyIDSourceCodeSet:

Code	Name	Description
1	KoreanInvestorID	Korean Investor ID
6	UKNationalInsuranceOrPension-Number	UK National Insurance or Pension Number
B	BIC	BIC (Bank Identification Code - SWIFT managed) code (ISO9362 - See "Appendix 6-B")
I	ISITCAcronym	Directed broker three character acronym as defined in ISITC "ETC Best Practice" guidelines document
2	TaiwaneseForeignInvestorID	Taiwanese Qualified Foreign Investor ID QFII/FID
7	USSocialSecurityNumber	US Social Security Number
C	GeneralIdentifier	Generally accepted market participant identifier (e.g. NASD mnemonic)
3	TaiwaneseTradingAcct	Taiwanese Trading Acct
8	USEmployerOrTaxIDNumber	US Employer or Tax ID Number
D	Proprietary	Proprietary / Custom code. Custom ID schema used between counterparties, trading platforms and repositories.
4	MalaysianCentralDepository	Malaysian Central Depository (MCD) number
9	AustralianBusinessNumber	Australian Business Number
E	ISOCountryCode	ISO Country Code
5	ChineseInvestorID	Chinese Investor ID
A	AustralianTaxFileNumber	Australian Tax File Number
F	SettlementEntityLocation	Settlement Entity Location (note if Local Market Settlement use "E=ISO Country Code") (see "Appendix 6-G" for valid values)
G	MIC	Market Identifier Code (ISO 10383) MIC
J	TaxID	Tax ID
H	CSDParticipant	CSD participant/member code (e.g. Euroclear, DTC, CREST or Kassenverein number)
K	AustralianCompanyNumber	Australian Company Number
L	AustralianRegisteredBodyNumber	Australian Registered Body Number

Code	Name	Description
M	CFTCReportingFirmIdentifier	CFTC reporting firm identifier
N	LegalEntityIdentifier	Legal Entity Identifier (ISO 17442) LEI
O	InterimIdentifier	Interim identifier. An interim entity identifier assigned by a regulatory agency prior to an LEI (ISO 17442) being assigned.
P	ShortCodeIdentifier	Short code identifier. A generic means for trading venues, brokers, investment managers to convey a bilaterally agreed upon "short hand" code for an identifier that is a reference to a mapping between the parties.
Q	NationalIDNaturalPerson	National ID of natural person. An identification number generally assigned by a government authority or agency to a natural person which is unique to the person it is assigned to. Examples include, but not limited to, "social security number", "pension number".
R	IndiaPermanentAccountNumber	India Permanent Account Number. Also referred to as PAN ID. An identifier issued by the Income Tax Department of India.
S	FDID	Firm designated identifier. Also referred to as FDID. A unique identifier required by the SEC for each trading account designated by Industry Members for purposes of reporting to CAT (Consolidated Audit Trail).
T	SPSAID	Special Segregated Account ID. Also referred to as SPSA ID. The Special Segregated Account identifier issued by Hong Kong Exchanges and Clearing.
U	MasterSPSAID	Master Special Segregated Account ID. Also referred to as Master SPSA ID. The master identifier issued by Hong Kong Exchanges and Clearing for the aggregation of SPSA IDs.

Used in groups: [PartyDetailAltIDGrp](#)

### 170.2.3650 PartyDetailAltSubGrp

Alternate sub-identifiers for a party.

Name	Mult.	Type	Description
<a href="#">NoPartyDetailAltSubIDs</a>	[1..1]	NumInGroup	
<a href="#">PartyDetailAltSubID</a>	[0..1]	String	Required when NoPartyDetailAltSubIDs > 0.
<a href="#">PartyDetailAltSubIDType</a>	[0..1]	CodeSet	Required when NoPartyDetailAltSubIDs > 0.

Used in groups: [PartyDetailAltIDGrp](#)

**170.2.3651 PartyDetailAltSubID**

Sub-identifier for the party specified in PartyDetailAltID(1517).

Type: **String**

Used in groups: **PartyDetailAltSubGrp**

**170.2.3652 PartyDetailAltSubIDType**

Type of PartyDetailAltSubID(1520) value.

Type: **int**

Allowed values in PartySubIDTypeCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
1	Firm	Firm
2	Person	Person
3	System	System
4	Application	Application
5	FullLegalNameOfFirm	Full legal name of firm
6	PostalAddress	Postal address
7	PhoneNumber	Phone number
8	EmailAddress	Email address
9	ContactName	Contact name
10	SecuritiesAccountNumber	Securities account number (for settlement instructions)
11	RegistrationNumber	Registration number (for settlement instructions and confirmations)
12	RegisteredAddressForConfirmation	Registered address (for confirmation purposes)
13	RegulatoryStatus	Regulatory status (for confirmation purposes)
14	RegistrationName	Registration name (for settlement instructions)
15	CashAccountNumber	Cash account number (for settlement instructions)
16	BIC	BIC
17	CSDParticipantMemberCode	CSD participant member code
18	RegisteredAddress	Registered address
19	FundAccountName	Fund account name
20	TelexNumber	Telex number
21	FaxNumber	Fax number

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
22	SecuritiesAccountName	Securities account name
23	CashAccountName	Cash account name
24	Department	Department
25	LocationDesk	Location desk
26	PositionAccountType	Position account type
27	SecurityLocateID	Security locate ID
28	MarketMaker	Market maker
29	EligibleCounterparty	Eligible counterparty
30	ProfessionalClient	Professional client
31	Location	Location
32	ExecutionVenue	Execution venue
33	CurrencyDeliveryIdentifier	Currency delivery identifier
34	AddressCity	Address City
35	AddressStateOrProvince	Address State/Province
36	AddressPostalCode	Address Postal Code
37	AddressStreet	Address Street
38	AddressISOCountryCode	Address Country (ISO country code)
39	ISOCountryCode	ISO country code
40	MarketSegment	Market segment
41	CustomerAccountType	Customer account type
42	OmnibusAccount	Omnibus account
43	FundsSegregationType	Funds segregation type
44	GuaranteeFund	Guarantee fund. Identifies a guarantee fund related to an account. Used when one account has multiple funds of collateral, each guaranteeing different positions. Can be used for PartyRole(452) = Customer Account(24).
45	SwapDealer	Swap dealer. The US regulator's defined term for identifying the trade counterparty as "any person who holds itself out as a dealer in swaps, makes a market in swaps, regularly enters into swaps with counterparties as an ordinary course of business for its own account, or engages in activity causing itself to be commonly known in the trade as a dealer or market maker in swaps".
46	MajorParticipant	Major participant. When PartySubID(523)=Y the counterparty is not the swap dealer but is a major swap participant as defined in the regulations.



Code	Name	Description
47	FinancialEntity	Financial entity. When PartySubID(523)=Y the counterparty is neither a swap dealer nor a major swap participant but is a financial entity as defined in the regulations.
48	USPerson	U.S. person. A legal term referring to any U.S. person or legal entity anywhere in the world that should be taxed under U.S. law.
49	ReportingEntityIndicator	Reporting entity indicator. Indicates the entity obligated or delegated to report to their regulator, a non-regulatory agency or data repository. Set PartySubID(523)=Y if true.
50	ElectedClearingRequirementException	Elected clearing requirement exception
51	BusinessCenter	Business center.
52	ReferenceText	Reference text
53	ShortMarkingExemptAccount	Short-marking exempt account
54	ParentFirmIdentifier	Parent firm identifier. Implementation-specific identifier of this party's parent entity.
55	ParentFirmName	Parent firm name. Full name of this party's parent entity.
56	DealIdentifier	Deal identifier. The internal identifier assigned to the trade by this party, particularly by a Clearing Organization.
57	SystemTradeID	System trade identifier
58	SystemTradeSubID	System trade sub-identifier
59	FCMCode	Futures Commission Merchant (FCM) code. The FCM's code or identifier in relation to the PartyRole(452). For example, if PartyRole(452) is the exchange or clearinghouse, the FCM code/ID specified in PartySubID(523) is the FCM's identifier at the exchange or clearinghouse.
60	DlvryTrmlCode	Delivery terminal customer account/code. Usually used for gas delivery to identify whose account the gas is allocated to at the delivery terminal. Often referred to as "HUB" code.
61	VolntyRptEntity	Voluntary reporting entity. The entity voluntarily reporting the trade to the regulator. Set PartySubID(523)=Y if true.
62	RptObligJurisdiction	Reporting obligation jurisdiction. For a trade that falls under multiple jurisdictions this may be used to identify, through PartySubID(523), the reporting jurisdiction to which the party is obligated to report.
63	VolntyRptJurisdiction	Voluntary reporting jurisdiction. For a trade that falls under multiple jurisdictions this may be used to identify, through PartySubID(523), the regulatory jurisdiction to which the party is submitting a voluntary report.

Code	Name	Description
64	CompanyActivities	Company activities. For regulatory reporting. ID values include: A = Assurance undertaking authorized in accordance with Directive 2002/83/EC C=Credit institution authorized in accordance with Directive 2006/48/EC F=Investment firm in accordance with Directive 2004/39/EC I=Insurance undertaking authorized in accordance with Directive 73/239/EC L=Alternative investment fund managed by AIFMs authorized or registered in accordance with Directive 2011/61/EC O=Institution for occupational retirement provision within the meaning of Article 6(a0 of Directive 2003/41/EC R=Reinsurance undertaking authorized in accordance with Directive 2005/68/EC U=UCITS and its management company, authorized in accordance with Directive 2009/65/EC or blank in case of coverage by LEI or in case of non-financial counterparties. In the context of EU SFTR reporting use the appropriate 4- or 1-character code noted in the regulations. See SFTR ITS "Commission Implementing Regulation (EU) 2019/363" Annexes 1 and 2 for values.
65	EEAreaDomiciled	European Economic Area domiciled. ID values: Y or N
66	ContractLinked	Contract linked to commercial or treasury financing for this counterparty. ID values: Y or N
67	ContractAbove	Contract above clearing threshold for this counterparty. ID values: Y or N
68	VolntyRptPty	Voluntary reporting party. When PartySubID(523)=Y, identifies that the trading party is reporting voluntarily when VoluntaryRegulatoryReport(1935)=Y.
69	EndUser	End user. When PartySubID(523)=Y, the counterparty is neither the swap dealer, major swap participant nor financial entity as defined in the regulations.
70	LocationOrJurisdiction	Location or jurisdiction. One or more instances may be used in combination with PartySubIDType(803) = 49 (Reporting entity indicator) or 102 (Data repository) to identify the jurisdiction, countries, regions or provinces for which the party is a reporting entity or data repository when that characteristic is ambiguous or where there are multiple locations. The party sub-ID value is either a jurisdiction acronym, a 2-character ISO 3166 country code, or a hyphenated combination of the country code and the standard post-office abbreviation for province, state or region if necessary. E.g. "US" for United States or "CA-QC" for Quebec Canada.

<b>Code</b>	<b>Name</b>	<b>Description</b>
71	DerivativesDealer	Derivatives dealer. Indicates whether the party is a derivatives dealer or not (Y/N). The Canadian regulator's defined term for identifying the trade counterparty as "a person or company engaging in or holding himself, herself or itself out as engaging in the business of trading in derivatives in Ontario as principal or agent".
72	Domicile	Domicile. Country and optionally province, state or region of domicile. The party sub-ID value is either a 2-character ISO 3166 country code or a hyphenated combination of the country code and the standard post-office abbreviation of province, state or region if necessary. E.g. "US" for United States or "CA-QC" for Quebec Canada.
73	ExemptFromRecognition	Exempt from recognition. Used with party role 21 "Clearing Organization" to indicate exemption (Y/N). Identifies a clearing agency as exempt from oversight in Ontario, i.e. one that 1) only provides limited services and does not present significant risks or 2) is foreign-based, intends to operate in Ontario but is subject to regulatory oversight in another jurisdiction.
74	Payer	Payer. Identifies the party as the payer of a particular payment stream or bullet payment by quoting the stream's StreamDesc(40051) (or LegStreamDesc(40243) or UnderlyingStreamDesc(40542)) or payment's PaymentDesc(43087) in the associated party sub-identifier field.
75	Receiver	Receiver. Identifies the party as the receiver of a particular payment stream or bullet payment by quoting the stream's StreamDesc(40051) (or LegStreamDesc(40243) or UnderlyingStreamDesc(40542)) or payment's PaymentDesc(43087) in the associated party sub-identifier field.
76	SystematicInternaliser	Systematic Internaliser (SI). In the context of ESMA reporting, this is used to indicate whether the specified party is a Systematic Internaliser or not for the security defined in the Instrument component (Y/N).
77	PublishingEntityIndicator	Publishing entity indicator. Indicates the entity obligated or delegated to publish to the market. Set PartySubID(523)=Y if true.
78	FirstName	First name. The first name(s) of a natural person. If multiple names, separate entries by a comma.
79	Surname	Surname. The surname(s) or lastname(s) of a natural person. If multiple names, separate entries by a comma.

Code	Name	Description
80	DateOfBirth	Date of birth. The date of birth of a natural person in the format YYYYMMDD.
81	OrderTransmittingFirm	Order transmitting firm. Identifies whether the party specified in PartyID(448) is the firm that transmitted the order. In the context of RTS 22 Article 4, when "true" the PartySubID(523)=Y shall be set "by the transmitting firm within the transmitting firm's report where conditions for transmission specified in Article 4 were not satisfied."
82	OrderTransmittingFirmBuyer	Order transmitting firm for buyer. Identifies the firm that transmitted the order for the buyer. In the context of ESMA RTS 22, PartySubID(523)=Y is used to indicate the firm identified in PartyID(448) is the firm that transmitted the order for the buyer. "This shall be populated by the receiving firm within the receiving firm's report with the identification code provided by the transmitting firm."
83	OrderTransmitterSeller	Order transmitter for seller. Identifies the order transmitting firm for the seller. In the context of ESMA RTS 22, PartySubID(523)=Y is used to indicate the firm identified in PartyID(448) is the firm that transmitted the order for the seller. "This shall be populated by the receiving firm within the receiving firm's report with the identification code provided by the transmitting firm."
84	LegalEntityIdentifier	Legal Entity Identifier (ISO 17442) LEI
85	SubSectorClassification	Sub-sector classification. Supplemental to party sub-ID type "64" (Company activities) for regulatory reporting. For EU SFTR reporting use the appropriate 4-character code noted in the regulations applying the conditional association rules. See SFTR ITS "Commission Implementing Regulation (EU) 2019/363" Annexes 1 and 2 for values.
86	PartySide	Party side. May be used, when appropriate, to explicitly indicate the transaction side of the party, e.g. Buyer, Seller, Lender, Borrower, Maker, Taker, etc. in the ID. In the context of EU SFTR reporting, use values as required by SFTR, "GIVE" and "TAKE" in the ID, to identify collateral giver and taker.
87	LegalRegistrationCountry	Legal registration country. ISO Country Code where the registered office of the party is located as specified in the LEI reference data.

Used in groups: [PartyDetailAltSubGrp](#)

**170.2.3653 PartyDetailDefinitionResult**

Result of party detail definition for one party.

Type: **int**

Allowed values in PartyDetailRequestResultCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	Successful	Successful (default)
1	InvalidParty	Invalid party(-ies)
2	InvalidRelatedParty	Invalid related party(-ies)
3	InvalidPartyStatus	Invalid party status(es)
98	NotAuthorized	Not authorized
99	Other	Other

---

Used in groups: **PartyDetailAckGrp**

**170.2.3654 PartyDetailDefinitionStatus**

Status of party detail definition for one party.

Type: **int**

Allowed values in PartyDetailDefinitionStatusCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	Accepted	Accepted
1	AcceptedWithChanges	Accepted with changes
2	Rejected	Rejected

---

Used in groups: **PartyDetailAckGrp**

**170.2.3655 PartyDetailGrp**

Contains details for a party, including related parties and alternative party identifiers.

Name	Mult.	Type	Description
NoPartyDetails	[1..1]	NumInGroup	
PartyDetailID	[0..1]	String	The identification of the party. Required when NoPartyDetails(1671) > 0.
PartyDetailIDSource	[0..1]	CodeSet	Used to identify source of PartyID value (e.g. BIC). Required when NoPartyDetails(1671) > 0.
PartyDetailRole	[0..1]	CodeSet	Identifies the type of PartyID (e.g. Executing Broker). Required when NoPartyDetails(1671) > 0.
PartyDetailRoleQualifier	[0..1]	CodeSet	
PartyDetailSubGrp	[0..*]	Group	
PartyDetailAltIDGrp	[0..*]	Group	Optionally used to specify alternate IDs to identify the party specified.
RelatedPartyDetailGrp	[0..*]	Group	May not be specified in PartyDetailsListUpdateReport(35=CK) if ListUpdateAction(1324) = D(Delete)
PartyDetailStatus	[0..1]	CodeSet	

Used in groups: PartyDetailAckGrp, PartyDetailsUpdateGrp, PartyEntitlementAckGrp, PartyEntitlementGrp, PartyEntitlementUpdateGrp, PartyRiskLimitsAckGrp, PartyRiskLimitsGrp, PartyRiskLimitsUpdateGrp, TrdCapRptSideGrp

Used in messages: PartyDetailsListReport

### 170.2.3656 PartyDetailID

Party identifier within Parties Reference Data messages.

Type: String

Used in groups: PartyDetailGrp

### 170.2.3657 PartyDetailIDSource

Source of the identifier of the PartyDetailID(1691) specified.

Type: char

Allowed values in PartyIDSourceCodeSet:

Code	Name	Description
1	KoreanInvestorID	Korean Investor ID
6	UKNationalInsuranceOrPension-Number	UK National Insurance or Pension Number
B	BIC	BIC (Bank Identification Code - SWIFT managed) code (ISO9362 - See "Appendix 6-B")
I	ISITCAcronym	Directed broker three character acronym as defined in ISITC "ETC Best Practice" guidelines document
2	TaiwaneseForeignInvestorID	Taiwanese Qualified Foreign Investor ID QFII/FID
7	USSocialSecurityNumber	US Social Security Number
C	GeneralIdentifier	Generally accepted market participant identifier (e.g. NASD mnemonic)
3	TaiwaneseTradingAcct	Taiwanese Trading Acct
8	USEmployerOrTaxIDNumber	US Employer or Tax ID Number
D	Proprietary	Proprietary / Custom code. Custom ID schema used between counterparties, trading platforms and repositories.
4	MalaysianCentralDepository	Malaysian Central Depository (MCD) number
9	AustralianBusinessNumber	Australian Business Number
E	ISOCountryCode	ISO Country Code
5	ChineseInvestorID	Chinese Investor ID
A	AustralianTaxFileNumber	Australian Tax File Number
F	SettlementEntityLocation	Settlement Entity Location (note if Local Market Settlement use "E=ISO Country Code") (see "Appendix 6-G" for valid values)
G	MIC	Market Identifier Code (ISO 10383) MIC
J	TaxID	Tax ID
H	CSDParticipant	CSD participant/member code (e.g. Euroclear, DTC, CREST or Kassenverein number)
K	AustralianCompanyNumber	Australian Company Number
L	AustralianRegisteredBodyNumber	Australian Registered Body Number
M	CFTCReportingFirmIdentifier	CFTC reporting firm identifier
N	LegalEntityIdentifier	Legal Entity Identifier (ISO 17442) LEI
O	InterimIdentifier	Interim identifier. An interim entity identifier assigned by a regulatory agency prior to an LEI (ISO 17442) being assigned.
P	ShortCodeIdentifier	Short code identifier. A generic means for trading venues, brokers, investment managers to convey a bilaterally agreed upon "short hand" code for an identifier that is a reference to a mapping between the parties.

Code	Name	Description
Q	NationalIDNaturalPerson	National ID of natural person. An identification number generally assigned by a government authority or agency to a natural person which is unique to the person it is assigned to. Examples include, but not limited to, "social security number", "pension number".
R	IndiaPermanentAccountNumber	India Permanent Account Number. Also referred to as PAN ID. An identifier issued by the Income Tax Department of India.
S	FDID	Firm designated identifier. Also referred to as FDID. A unique identifier required by the SEC for each trading account designated by Industry Members for purposes of reporting to CAT (Consolidated Audit Trail).
T	SPSAID	Special Segregated Account ID. Also referred to as SPSA ID. The Special Segregated Account identifier issued by Hong Kong Exchanges and Clearing.
U	MasterSPSAID	Master Special Segregated Account ID. Also referred to as Master SPSA ID. The master identifier issued by Hong Kong Exchanges and Clearing for the aggregation of SPSA IDs.

Used in groups: [PartyDetailGrp](#)

### 170.2.3658 PartyDetailRequestResult

Result party detail definition request.

Type: [int](#)

Allowed values in PartyDetailRequestResultCodeSet:

Code	Name	Description
0	Successful	Successful (default)
1	InvalidParty	Invalid party(-ies)
2	InvalidRelatedParty	Invalid related party(-ies)
3	InvalidPartyStatus	Invalid party status(es)
98	NotAuthorized	Not authorized
99	Other	Other

Used in messages: [PartyDetailsDefinitionRequestAck](#)



**170.2.3659 PartyDetailRequestStatus**

Status of party details definition request.

Type: **int**

Allowed values in PartyDetailRequestStatusCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	Accepted	Accepted
1	AcceptedWithChanges	Accepted with changes
2	Rejected	Rejected
3	AcceptancePending	Acceptance pending

---

Used in messages: **PartyDetailsDefinitionRequestAck**

**170.2.3660 PartyDetailRole**

Identifies the type or role of PartyDetailID(1691) specified.

Type: **int**

Allowed values in PartyRoleCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
1	ExecutingFirm	Executing Firm (formerly FIX 4.2 ExecBroker)
2	BrokerOfCredit	Broker of Credit (formerly FIX 4.2 BrokerOfCredit)
3	ClientID	Client ID (formerly FIX 4.2 ClientID)
4	ClearingFirm	Clearing Firm (formerly FIX 4.2 ClearingFirm)
5	InvestorID	Investor ID
6	IntroducingFirm	Introducing Firm
7	EnteringFirm	Entering Firm
8	Locate	Locate / Lending Firm (for short-sales)
9	FundManagerClientID	Fund Manager Client ID (for CIV)
10	SettlementLocation	Settlement Location (formerly FIX 4.2 SettlLocation)
11	OrderOriginationTrader	Order Origination Trader (associated with Order Origination Firm - i.e. trader who initiates/submits the order)
12	ExecutingTrader	Executing Trader (associated with Executing Firm - actually executes)

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
13	OrderOriginationFirm	Order Origination Firm (e.g. buy-side firm)
14	GiveupClearingFirmDepr	Giveup Clearing Firm (firm to which trade is given up)
15	CorrespondantClearingFirm	Correspondant Clearing Firm
16	ExecutingSystem	Executing System
17	ContraFirm	Contra Firm
18	ContraClearingFirm	Contra Clearing Firm
19	SponsoringFirm	Sponsoring Firm
20	UnderlyingContraFirm	Underlying Contra Firm
21	ClearingOrganization	Clearing Organization
22	Exchange	Exchange. Identify using PartyIDSource(tag 447) = G (Market Identifier Code) if the MIC exists.
24	CustomerAccount	Customer Account
25	CorrespondentClearingOrganization	Correspondent Clearing Organization
26	CorrespondentBroker	Correspondent Broker
27	Buyer	Buyer/Seller (Receiver/Deliverer)
28	Custodian	Custodian
29	Intermediary	Intermediary
30	Agent	Agent
31	SubCustodian	Sub-custodian
32	Beneficiary	Beneficiary
33	InterestedParty	Interested party
34	RegulatoryBody	Regulatory body. In the context of regulatory reporting, this identifies the regulator the trade is being reported to.
35	LiquidityProvider	Liquidity provider
36	EnteringTrader	Entering trader
37	ContraTrader	Contra trader
38	PositionAccount	Position account. The account which positions are maintained. Typically represents the aggregation of one or more customer accounts.
39	ContraInvestorID	Contra Investor ID
40	TransferToFirm	Transfer to Firm
41	ContraPositionAccount	Contra Position Account
42	ContraExchange	Contra Exchange
43	InternalCarryAccount	Internal Carry Account
44	OrderEntryOperatorID	Order Entry Operator ID

<b>Code</b>	<b>Name</b>	<b>Description</b>
45	SecondaryAccountNumber	Secondary Account Number
46	ForeignFirm	Foreign Firm
47	ThirdPartyAllocationFirm	Third Party Allocation Firm
48	ClaimingAccount	Claiming Account
49	AssetManager	Asset Manager
50	PledgorAccount	Pledgor Account
51	PledgeeAccount	Pledgee Account
52	LargeTraderReportableAccount	Large Trader Reportable Account
53	TraderMnemonic	Trader mnemonic
54	SenderLocation	Sender Location
55	SessionID	Session ID
56	AcceptableCounterparty	Acceptable Counterparty
57	UnacceptableCounterparty	Unacceptable Counterparty
58	EnteringUnit	Entering Unit
59	ExecutingUnit	Executing Unit
60	IntroducingBroker	Introducing Broker
61	QuoteOriginator	Quote originator
62	ReportOriginator	Report originator
63	SystematicInternaliser	Systematic internaliser (SI)
64	MultilateralTradingFacility	Multilateral Trading Facility (MTF). Identify using PartyIDSource(tag 447) = G (Market Identifier Code) if the MIC exists.
65	RegulatedMarket	Regulated Market (RM). Identify using PartyIDSource(tag 447) = G (Market Identifier Code) if the MIC exists.
66	MarketMaker	Market Maker
67	InvestmentFirm	Investment Firm
68	HostCompetentAuthority	Host Competent Authority (Host CA)
69	HomeCompetentAuthority	Home Competent Authority (Home CA)
70	CompetentAuthorityLiquidity	Competent Authority of the most relevant market in terms of liquidity (CAL)
71	CompetentAuthorityTransactionVenue	Competent Authority of the Transaction (Execution) Venue (CATV)
72	ReportingIntermediary	Reporting intermediary. The medium or vendor used to report to a regulator, non-regulatory agency or data repository.
73	ExecutionVenue	Execution Venue. Identify using PartyIDSource(tag 447) = G (Market Identifier Code) if the MIC exists.

<b>Code</b>	<b>Name</b>	<b>Description</b>
74	MarketDataEntryOriginator	Market data entry originator
75	LocationID	Location ID
76	DeskID	Desk ID
77	MarketDataMarket	Market data market
78	AllocationEntity	Allocation Entity
79	PrimeBroker	Prime Broker providing General Trade Services
80	StepOutFirm	Step-Out Firm (Prime Broker)
81	BrokerClearingID	Broker clearing identifier
82	CentralRegistrationDepository	Central Registration Depository (CRD)
83	ClearingAccount	Clearing Account
84	AcceptableSettlingCounterparty	Acceptable Settling Counterparty
85	UnacceptableSettlingCounterparty	Unacceptable Settling Counterparty
86	CLSMemberBank	CLS Member Bank
87	InConcertGroup	In Concert Group
88	InConcertControllingEntity	In Concert Controlling Entity
89	LargePositionsReportingAccount	Large Positions Reporting Account
90	SettlementFirm	Settlement Firm
91	SettlementAccount	Settlement account. The account to which individual payment obligations are aggregated for netting and funds movement. Typically represents the aggregation of many margin (performance bond) accounts.
92	ReportingMarketCenter	Reporting Market Center
93	RelatedReportingMarketCenter	Related Reporting Market Center
94	AwayMarket	Away Market. Identify using PartyIDSource(tag 447) = G (Market Identifier Code) if the MIC exists.
95	GiveupTradingFirm	Give-up (trading) firm
96	TakeupTradingFirm	Take-up (trading) firm
97	GiveupClearingFirm	Give-up clearing firm
98	TakeupClearingFirm	Take-up clearing firm
99	OriginatingMarket	Originating Market. Identifies the Market using PartyIDSource(tag 447) = G (Market Identifier Code) where an order originated in the event that the order is sent to an alternative market for execution. Serves as an inverse of an away market.

<b>Code</b>	<b>Name</b>	<b>Description</b>
100	MarginAccount	Margin account. Also referred to as "performance bond account". The margin account is the calculated margin requirements. Typically represents the aggregation of one or more position accounts.
101	CollateralAssetAccount	Collateral asset account. The account at which individual collateral assets are maintained. Typically, although not always, one-for-one with the settlement account.
102	DataRepository	Data repository. Multiple instances of this PartyRole may appear for reporting purposes.
103	CalculationAgent	Calculation agent
104	ExerciseNoticeSender	Sender of exercise notice
105	ExerciseNoticeReceiver	Receiver of exercise notice
106	RateReferenceBank	Rate reference bank. The bank providing the reference rate. Multiple instance of this PartyRole may appear.
107	Correspondent	Correspondent
109	BeneficiaryBank	Beneficiary's bank or depository institution. The institution in which the beneficiary, a person or an entity, has their account with. The institution may be a bank or non-bank institution.
110	Borrower	Borrower
111	PrimaryObligator	Primary obligator
112	Guarantor	Guarantor
113	ExcludedReferenceEntity	Excluded reference entity
114	DeterminingParty	Determining party
115	HedgingParty	Hedging party
116	ReportingEntity	Reporting entity. The entity that is reporting the information.
117	SalesPerson	Sales person. The person who is involved in the sales activities for their firm.
118	Operator	Operator. The person who has the capabilities and authorization to take certain actions; for example, setting entitlements, etc.
119	CSD	Central Securities Depository (CSD)
120	ICSD	International Central Securities Depository (ICSD)
121	TradingSubAccount	Trading sub-account. Example of sub-accounts include a clearing account that has multiple trading sub-accounts, a trading account that has multiple trading sub-accounts belonging to different trading firms.

Code	Name	Description
122	InvestmentDecisionMaker	Investment decision maker. In the context of ESMA RTS reporting, this is used to specify party responsible for the investment decision. See RTS 24, Annex, Table 2, Field 4.
123	PublishingIntermediary	Publishing intermediary. The medium or vendor used to publish to the market.
124	CSDParticipant	Central Securities Depository (CSD) Participant. In the context of EU SFTR reporting the identifier of the CSD participant or indirect participant of the reporting counterparty. Where both the CSD participant and indirect participant are involved in the transaction this should identify the indirect participant.
125	Issuer	Issuer. The issuer of the security.
126	ContraCustomerAccount	Contra Customer Account. Same as PartyRole(452) = 24 (Customer Account) but for the counterparty. Can be used whenever the parties component is not nested in a repeating group representing both sides.
127	ContraInvestmentDecisionMaker	Contra Investment Decision Maker. Same as PartyRole(452) = 122 (Investment Decision Maker) but for the counterparty. Can be used whenever the parties component is not nested in a repeating group representing both sides.

Used in groups: [PartyDetailGrp](#)

### 170.2.3661 PartyDetailRoleQualifier

Qualifies the value of PartyDetailRole(1693).

Type: [int](#)

Allowed values in PartyDetailRoleQualifierCodeSet:

Code	Name	Description
0	Agency	Agency
1	Principal	Principal
2	RisklessPrincipal	Riskless principal
3	GeneralClearingMember	General clearing member
30	ExchangeOrderSubmitter	Exchange order submitter. Used to identify original or initial exchange order submitting broker when party role "1" (Executing Firm) appears more than once.

<b>Code</b>	<b>Name</b>	<b>Description</b>
4	IndividualClearingMember	Individual clearing member
5	PreferredMarketMaker	Preferred market maker. Market maker getting a part of the matched quantity before primary or default market maker.
6	DirectedMarketMaker	Directed market maker. Single market maker to handle the order provided.
7	Bank	Bank
8	Hub	Hub. Indicates that the Intermediary party is a hub system or service provider.
9	PrimaryTrdRepository	Primary trade repository. Used to differentiate the principal trade repository from the Original or Additional trade repositories when there are multiple trade repositories being reported.
10	OrigTrdRepository	Original trade repository. Used to identify the trade repository to which the trade was originally reported if different from the current repository to which the trade is being reported.
11	AddtnlIntlTrdRepository	Additional international trade repository. Used with InternationalSwapIndicator(2526) to identify the trade repository that is in addition to the local swaps data repository as required by U.S. law.
12	AddtnlDomesticTrdRepository	Additional domestic trade repository. Used with MixedSwapIndicator(1929) to identify the trade repository that is in addition to the current trade repository when the assets in the swap are subject to two different domestic regulators.
13	RelatedExchange	Related exchange
14	OptionsExchange	Options exchange
15	SpecifiedExchange	Specified exchange
16	ConstituentExchange	Constituent exchange.
17	ExemptFromTradeReporting	Exempt from trade reporting. In the context of FINRA TRACE reporting requirements, this is used to indicate the ATS has been granted a regulatory exemption from reporting.
18	Current	Current. Can be used to convey an existing party identifier for the same party role in a single message.
19	New	New. Can be used to convey a future party identifier for the same party role in a single message.
20	DesignatedSponsor	Designated sponsor. Market maker jointly providing liquidity for the same security with other market makers.
21	Specialist	Specialist. Market maker being the only one providing liquidity for a security.
22	Algorithm	Algorithm

Code	Name	Description
23	FirmOrLegalEntity	Firm or legal entity
24	NaturalPerson	Natural person
25	RegularTrader	Regular trader. Standard trader profile.
26	HeadTrader	Head trader. Senior trader leading a group of regular traders.
27	Supervisor	Supervisor. Administrative user that has only limited rights for normal trading but possibly special rights for emergency actions.
28	TriParty	Tri-party. In the context of EU SFTR reporting, identifies the third party, not necessarily the custodian, to which the reporting counterparty has outsourced the post-trade processing of an SFT (if applicable).
29	Lender	Lender. In the context of EU SFTR reporting, identifies the agent lender involved in the securities lending transaction.

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Used in groups: [PartyDetailGrp](#)

#### **170.2.3662 PartyDetailsListReportID**

Identifier for the PartyDetailsListReport and the PartyDetailsListUpdateReport.

Type: [String](#)

Used in messages: [PartyDetailsListReport](#), [PartyDetailsListUpdateReport](#)

#### **170.2.3663 PartyDetailsListRequestID**

Unique identifier for PartyDetailsListRequest.

Type: [String](#)

Used in messages: [PartyDetailsDefinitionRequest](#), [PartyDetailsDefinitionRequestAck](#), [PartyDetailsListReport](#), [PartyDetailsListRequest](#), [PartyDetailsListUpdateReport](#)

#### **170.2.3664 PartyDetailStatus**

Indicates the status of the party identified with PartyDetailID(1691).

Type: [int](#)

Allowed values in PartyDetailStatusCodeSet:



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Code	Name	Description
0	Active	Active (default if not specified)
1	Suspended	Suspended
2	Halted	Halted

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Used in groups: [PartyDetailGrp](#)

### 170.2.3665 PartyDetailSubGrp

Additional party sub-identifiers

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Name	Mult.	Type	Description
<a href="#">NoPartyDetailSubIDs</a>	[1..1]	NumInGroup	
<a href="#">PartyDetailSubID</a>	[0..1]	String	Required when NoPartyDetailSubIDs > 0.
<a href="#">PartyDetailSubIDType</a>	[0..1]	CodeSet	Required when NoPartyDetailSubIDs > 0.

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Used in groups: [PartyDetailGrp](#)

### 170.2.3666 PartyDetailSubID

Sub-identifier for the party specified in PartyDetailID(1691).

Type: [String](#)

Used in groups: [PartyDetailSubGrp](#)

### 170.2.3667 PartyDetailSubIDType

Type of PartyDetailSubID(1695) value.

Type: [int](#)

Allowed values in PartySubIDTypeCodeSet:

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Code	Name	Description
1	Firm	Firm
2	Person	Person

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<b>Code</b>	<b>Name</b>	<b>Description</b>
3	System	System
4	Application	Application
5	FullLegalNameOfFirm	Full legal name of firm
6	PostalAddress	Postal address
7	PhoneNumber	Phone number
8	EmailAddress	Email address
9	ContactName	Contact name
10	SecuritiesAccountNumber	Securities account number (for settlement instructions)
11	RegistrationNumber	Registration number (for settlement instructions and confirmations)
12	RegisteredAddressForConfirmation	Registered address (for confirmation purposes)
13	RegulatoryStatus	Regulatory status (for confirmation purposes)
14	RegistrationName	Registration name (for settlement instructions)
15	CashAccountNumber	Cash account number (for settlement instructions)
16	BIC	BIC
17	CSDParticipantMemberCode	CSD participant member code
18	RegisteredAddress	Registered address
19	FundAccountName	Fund account name
20	TelexNumber	Telex number
21	FaxNumber	Fax number
22	SecuritiesAccountName	Securities account name
23	CashAccountName	Cash account name
24	Department	Department
25	LocationDesk	Location desk
26	PositionAccountType	Position account type
27	SecurityLocateID	Security locate ID
28	MarketMaker	Market maker
29	EligibleCounterparty	Eligible counterparty
30	ProfessionalClient	Professional client
31	Location	Location
32	ExecutionVenue	Execution venue
33	CurrencyDeliveryIdentifier	Currency delivery identifier
34	AddressCity	Address City
35	AddressStateOrProvince	Address State/Province

Code	Name	Description
36	AddressPostalCode	Address Postal Code
37	AddressStreet	Address Street
38	AddressISOCountryCode	Address Country (ISO country code)
39	ISOCountryCode	ISO country code
40	MarketSegment	Market segment
41	CustomerAccountType	Customer account type
42	OmnibusAccount	Omnibus account
43	FundsSegregationType	Funds segregation type
44	GuaranteeFund	Guarantee fund. Identifies a guarantee fund related to an account. Used when one account has multiple funds of collateral, each guaranteeing different positions. Can be used for PartyRole(452) = Customer Account(24).
45	SwapDealer	Swap dealer. The US regulator's defined term for identifying the trade counterparty as "any person who holds itself out as a dealer in swaps, makes a market in swaps, regularly enters into swaps with counterparties as an ordinary course of business for its own account, or engages in activity causing itself to be commonly known in the trade as a dealer or market maker in swaps".
46	MajorParticipant	Major participant. When PartySubID(523)=Y the counterparty is not the swap dealer but is a major swap participant as defined in the regulations.
47	FinancialEntity	Financial entity. When PartySubID(523)=Y the counterparty is neither a swap dealer nor a major swap participant but is a financial entity as defined in the regulations.
48	USPerson	U.S. person. A legal term referring to any U.S. person or legal entity anywhere in the world that should be taxed under U.S. law.
49	ReportingEntityIndicator	Reporting entity indicator. Indicates the entity obligated or delegated to report to their regulator, a non-regulatory agency or data repository. Set PartySubID(523)=Y if true.
50	ElectedClearingRequirementException	Elected clearing requirement exception
51	BusinessCenter	Business center.
52	ReferenceText	Reference text
53	ShortMarkingExemptAccount	Short-marking exempt account
54	ParentFirmIdentifier	Parent firm identifier. Implementation-specific identifier of this party's parent entity.
55	ParentFirmName	Parent firm name. Full name of this party's parent entity.

Code	Name	Description
56	DealIdentifier	Deal identifier. The internal identifier assigned to the trade by this party, particularly by a Clearing Organization.
57	SystemTradeID	System trade identifier
58	SystemTradeSubID	System trade sub-identifier
59	FCMCode	Futures Commission Merchant (FCM) code. The FCM's code or identifier in relation to the PartyRole(452). For example, if PartyRole(452) is the exchange or clearinghouse, the FCM code/ID specified in PartySubID(523) is the FCM's identifier at the exchange or clearinghouse.
60	DlvryTrmlCode	Delivery terminal customer account/code. Usually used for gas delivery to identify whose account the gas is allocated to at the delivery terminal. Often referred to as "HUB" code.
61	VolntyRptEntity	Voluntary reporting entity. The entity voluntarily reporting the trade to the regulator. Set PartySubID(523)=Y if true.
62	RptObligJurisdiction	Reporting obligation jurisdiction. For a trade that falls under multiple jurisdictions this may be used to identify, through PartySubID(523), the reporting jurisdiction to which the party is obligated to report.
63	VolntyRptJurisdiction	Voluntary reporting jurisdiction. For a trade that falls under multiple jurisdictions this may be used to identify, through PartySubID(523), the regulatory jurisdiction to which the party is submitting a voluntary report.
64	CompanyActivities	Company activities. For regulatory reporting. ID values include: A = Assurance undertaking authorized in accordance with Directive 2002/83/EC C = Credit institution authorized in accordance with Directive 2006/48/EC F = Investment firm in accordance with Directive 2004/39/EC I = Insurance undertaking authorized in accordance with Directive 73/239/EC L = Alternative investment fund managed by AIFMs authorized or registered in accordance with Directive 2011/61/EC O = Institution for occupational retirement provision within the meaning of Article 6(a) of Directive 2003/41/EC R = Reinsurance undertaking authorized in accordance with Directive 2005/68/EC U = UCITS and its management company, authorized in accordance with Directive 2009/65/EC or blank in case of coverage by LEI or in case of non-financial counterparties. In the context of EU SFTR reporting use the appropriate 4- or 1-character code noted in the regulations. See SFTR ITS "Commission Implementing Regulation (EU) 2019/363" Annexes 1 and 2 for values.
65	EEAreaDomiciled	European Economic Area domiciled. ID values: Y or N

<b>Code</b>	<b>Name</b>	<b>Description</b>
66	ContractLinked	Contract linked to commercial or treasury financing for this counterparty. ID values: Y or N
67	ContractAbove	Contract above clearing threshold for this counterparty. ID values: Y or N
68	VolntyRptPty	Voluntary reporting party. When PartySubID(523)=Y, identifies that the trading party is reporting voluntarily when VoluntaryRegulatoryReport(1935)=Y.
69	EndUser	End user. When PartySubID(523)=Y, the counterparty is neither the swap dealer, major swap participant nor financial entity as defined in the regulations.
70	LocationOrJurisdiction	Location or jurisdiction. One or more instances may be used in combination with PartySubIDType(803) = 49 (Reporting entity indicator) or 102 (Data repository) to identify the jurisdiction, countries, regions or provinces for which the party is a reporting entity or data repository when that characteristic is ambiguous or where there are multiple locations. The party sub-ID value is either a jurisdiction acronym, a 2-character ISO 3166 country code, or a hyphenated combination of the country code and the standard post-office abbreviation for province, state or region if necessary. E.g. "US" for United States or "CA-QC" for Quebec Canada.
71	DerivativesDealer	Derivatives dealer. Indicates whether the party is a derivatives dealer or not (Y/N). The Canadian regulator's defined term for identifying the trade counterparty as "a person or company engaging in or holding himself, herself or itself out as engaging in the business of trading in derivatives in Ontario as principal or agent".
72	Domicile	Domicile. Country and optionally province, state or region of domicile. The party sub-ID value is either a 2-character ISO 3166 country code or a hyphenated combination of the country code and the standard post-office abbreviation of province, state or region if necessary. E.g. "US" for United States or "CA-QC" for Quebec Canada.
73	ExemptFromRecognition	Exempt from recognition. Used with party role 21 "Clearing Organization" to indicate exemption (Y/N). Identifies a clearing agency as exempt from oversight in Ontario, i.e. one that 1) only provides limited services and does not present significant risks or 2) is foreign-based, intends to operate in Ontario but is subject to regulatory oversight in another jurisdiction.

Code	Name	Description
74	Payer	Payer. Identifies the party as the payer of a particular payment stream or bullet payment by quoting the stream's StreamDesc(40051) (or LegStreamDesc(40243) or UnderlyingStreamDesc(40542)) or payment's PaymentDesc(43087) in the associated party sub-identifier field.
75	Receiver	Receiver. Identifies the party as the receiver of a particular payment stream or bullet payment by quoting the stream's StreamDesc(40051) (or LegStreamDesc(40243) or UnderlyingStreamDesc(40542)) or payment's PaymentDesc(43087) in the associated party sub-identifier field.
76	SystematicInternaliser	Systematic Internaliser (SI). In the context of ESMA reporting, this is used to indicate whether the specified party is a Systematic Internaliser or not for the security defined in the Instrument component (Y/N).
77	PublishingEntityIndicator	Publishing entity indicator. Indicates the entity obligated or delegated to publish to the market. Set PartySubID(523)=Y if true.
78	FirstName	First name. The first name(s) of a natural person. If multiple names, separate entries by a comma.
79	Surname	Surname. The surname(s) or lastname(s) of a natural person. If multiple names, separate entries by a comma.
80	DateOfBirth	Date of birth. The date of birth of a natural person in the format YYYYMMDD.
81	OrderTransmittingFirm	Order transmitting firm. Identifies whether the party specified in PartyID(448) is the firm that transmitted the order. In the context of RTS 22 Article 4, when "true" the PartySubID(523)=Y shall be set "by the transmitting firm within the transmitting firm's report where conditions for transmission specified in Article 4 were not satisfied."
82	OrderTransmittingFirmBuyer	Order transmitting firm for buyer. Identifies the firm that transmitted the order for the buyer. In the context of ESMA RTS 22, PartySubID(523)=Y is used to indicate the firm identified in PartyID(448) is the firm that transmitted the order for the buyer. "This shall be populated by the receiving firm within the receiving firm's report with the identification code provided by the transmitting firm."

Code	Name	Description
83	OrderTransmitterSeller	Order transmitter for seller. Identifies the order transmitting firm for the seller. In the context of ESMA RTS 22, PartySubID(523)=Y is used to indicate the firm identified in PartyID(448) is the firm that transmitted the order for the seller. "This shall be populated by the receiving firm within the receiving firm's report with the identification code provided by the transmitting firm."
84	LegalEntityIdentifier	Legal Entity Identifier (ISO 17442) LEI
85	SubSectorClassification	Sub-sector classification. Supplemental to party sub-ID type "64" (Company activities) for regulatory reporting. For EU SFTR reporting use the appropriate 4-character code noted in the regulations applying the conditional association rules. See SFTR ITS "Commission Implementing Regulation (EU) 2019/363" Annexes 1 and 2 for values.
86	PartySide	Party side. May be used, when appropriate, to explicitly indicate the transaction side of the party, e.g. Buyer, Seller, Lender, Borrower, Maker, Taker, etc. in the ID. In the context of EU SFTR reporting, use values as required by SFTR, "GIVE" and "TAKE" in the ID, to identify collateral giver and taker.
87	LegalRegistrationCountry	Legal registration country. ISO Country Code where the registered office of the party is located as specified in the LEI reference data.

Used in groups: [PartyDetailSubGrp](#)

### 170.2.3668 PartyDetailsUpdateGrp

Party details component that includes an update action.

Name	Mult.	Type	Description
<a href="#">NoPartyUpdates</a>	[1..1]	NumInGroup	
<a href="#">ListUpdateAction</a>	[0..1]	CodeSet	Required if NoPartyUpdates > 0.
<a href="#">PartyDetailGrp</a>	[0..*]	Group	

Used in messages: [PartyDetailsDefinitionRequest](#), [PartyDetailsListUpdateReport](#)

**170.2.3669 PartyEntitlementAckGrp**

The PartyEntitlementAckGrp component is used in the PartyEntitlementsDefinitionRequestAck(35=DB) message to provide the status of each action (add, modify or delete) requested by the PartyEntitlementsDefinitionRequest(35=DA) message.

Name	Mult.	Type	Description
NoPartyEntitlements	[1..1]	NumInGroup	
ListUpdateAction	[0..1]	CodeSet	Required if NoPartyEntitlements(1772).
EntitlementStatus	[0..1]	CodeSet	Required if NoPartyEntitlements(1772).
EntitlementResult	[0..1]	CodeSet	
RejectText	[0..1]	String	
EncodedRejectTextLen	[0..1]	Length	
EncodedRejectText	[0..1]	data	
PartyDetailGrp	[0..*]	Group	Optional when ListUpdateAction(1324) = M(Modify) or D(Delete) and EntitlementRefID(1885) is provided.
EntitlementGrp	[0..*]	Group	Optional when ListUpdateAction(1324) = M(Modify) or D(Delete) and EntitlementRefID(1885) is provided.
EntitlementRefID	[0..1]	String	Optional when PartyDetailGrp is provided or ListUpdateAction(1324) = A(Add).

Used in messages: [PartyEntitlementsDefinitionRequestAck](#)

**170.2.3670 PartyEntitlementGrp**

Conveys a list of parties (optionally including related parties) and the entitlements for each.

Name	Mult.	Type	Description
NoPartyEntitlements	[1..1]	NumInGroup	
PartyDetailGrp	[0..*]	Group	Required if NoPartyEntitlements(1772) > 0.
EntitlementStatus	[0..1]	CodeSet	
EntitlementGrp	[0..*]	Group	Required unless omitted to indicate the removal of entitlements for the party(-ies) specified in the PartyDetailGrp component.

Used in messages: [PartyEntitlementsReport](#)



**170.2.3671 PartyEntitlementUpdateGrp**

The PartyEntitlementUpdateGrp component is used to supply incremental entitlement definitions changes for the party(-ies) specified in the PartyDetailGrp component. The update action type is specified using ListUpdateAction(1324).

Name	Mult.	Type	Description
NoPartyEntitlements	[1..1]	NumInGroup	
ListUpdateAction	[0..1]	CodeSet	Required if NoPartyEntitlements(1772).
PartyDetailGrp	[0..*]	Group	Optional when ListUpdateAction(1324) = M(Modify) or D(Delete) and EntitlementRefID(1885) is provided.
EntitlementStatus	[0..1]	CodeSet	
EntitlementGrp	[0..*]	Group	Optional when ListUpdateAction(1324) = M(Modify) or D(Delete) and EntitlementRefID(1885) is provided.
EntitlementRefID	[0..1]	String	Optional when PartyDetailGrp is provided or ListUpdateAction(1324) = A(Add).

Used in messages: [PartyEntitlementsDefinitionRequest](#), [PartyEntitlementsUpdateReport](#)

**170.2.3672 PartyID**

Party identifier/code. See PartyIDSource (447) and PartyRole (452).

See "Appendix 6-G - Use of <Parties> Component Block"

Type: [String](#)

Used in groups: [Parties](#)

**170.2.3673 PartyIDSource**

Identifies class or source of the PartyID (448) value. Required if PartyID is specified. Note: applicable values depend upon PartyRole (452) specified.

See "Appendix 6-G - Use of <Parties> Component Block"

Type: [char](#)

Allowed values in PartyIDSourceCodeSet:

Code	Name	Description
1	KoreanInvestorID	Korean Investor ID
6	UKNationalInsuranceOrPension-Number	UK National Insurance or Pension Number
B	BIC	BIC (Bank Identification Code - SWIFT managed) code (ISO9362 - See "Appendix 6-B")
I	ISITCAcronym	Directed broker three character acronym as defined in ISITC "ETC Best Practice" guidelines document
2	TaiwaneseForeignInvestorID	Taiwanese Qualified Foreign Investor ID QFII/FID
7	USSocialSecurityNumber	US Social Security Number
C	GeneralIdentifier	Generally accepted market participant identifier (e.g. NASD mnemonic)
3	TaiwaneseTradingAcct	Taiwanese Trading Acct
8	USEmployerOrTaxIDNumber	US Employer or Tax ID Number
D	Proprietary	Proprietary / Custom code. Custom ID schema used between counterparties, trading platforms and repositories.
4	MalaysianCentralDepository	Malaysian Central Depository (MCD) number
9	AustralianBusinessNumber	Australian Business Number
E	ISOCountryCode	ISO Country Code
5	ChineseInvestorID	Chinese Investor ID
A	AustralianTaxFileNumber	Australian Tax File Number
F	SettlementEntityLocation	Settlement Entity Location (note if Local Market Settlement use "E=ISO Country Code") (see "Appendix 6-G" for valid values)
G	MIC	Market Identifier Code (ISO 10383) MIC
J	TaxID	Tax ID
H	CSDParticipant	CSD participant/member code (e.g. Euroclear, DTC, CREST or Kassenverein number)
K	AustralianCompanyNumber	Australian Company Number
L	AustralianRegisteredBodyNumber	Australian Registered Body Number
M	CFTCReportingFirmIdentifier	CFTC reporting firm identifier
N	LegalEntityIdentifier	Legal Entity Identifier (ISO 17442) LEI
O	InterimIdentifier	Interim identifier. An interim entity identifier assigned by a regulatory agency prior to an LEI (ISO 17442) being assigned.
P	ShortCodeIdentifier	Short code identifier. A generic means for trading venues, brokers, investment managers to convey a bilaterally agreed upon "short hand" code for an identifier that is a reference to a mapping between the parties.

Code	Name	Description
Q	NationalIDNaturalPerson	National ID of natural person. An identification number generally assigned by a government authority or agency to a natural person which is unique to the person it is assigned to. Examples include, but not limited to, "social security number", "pension number".
R	IndiaPermanentAccountNumber	India Permanent Account Number. Also referred to as PAN ID. An identifier issued by the Income Tax Department of India.
S	FDID	Firm designated identifier. Also referred to as FDID. A unique identifier required by the SEC for each trading account designated by Industry Members for purposes of reporting to CAT (Consolidated Audit Trail).
T	SPSAID	Special Segregated Account ID. Also referred to as SPSA ID. The Special Segregated Account identifier issued by Hong Kong Exchanges and Clearing.
U	MasterSPSAID	Master Special Segregated Account ID. Also referred to as Master SPSA ID. The master identifier issued by Hong Kong Exchanges and Clearing for the aggregation of SPSA IDs.

Used in groups: [Parties](#)

### 170.2.3674 PartyRelationship

Used to specify the type of the party relationship.

Type: [int](#)

Allowed values in PartyRelationshipCodeSet:

Code	Name	Description
0	IsAlso	Is also
1	ClearsFor	Clears for
2	ClearsThrough	Clears through
3	TradesFor	Trades for
4	TradesThrough	Trades through
5	Sponsors	Sponsors
6	SponsoredThrough	Sponsored through
7	ProvidesGuaranteeFor	Provides guarantee for
8	IsGuaranteedBy	Is guaranteed by

<b>Code</b>	<b>Name</b>	<b>Description</b>
9	MemberOf	Member of
10	HasMembers	Has members
11	ProvidesMarketplaceFor	Provides marketplace for
12	ParticipantOfMarketplace	Participant of marketplace
13	CarriesPositionsFor	Carries positions for
14	PostsTradesTo	Posts trades to
15	EntersTradesFor	Enters trades for
16	EntersTradesThrough	Enters trades through
17	ProvidesQuotesTo	Provides quotes to
18	RequestsQuotesFrom	Requests quotes from
19	InvestsFor	Invests for
20	InvestsThrough	Invests through
21	BrokersTradesFor	Brokers trades for
22	BrokersTradesThrough	Brokers trades through
23	ProvidesTradingServicesFor	Provides trading services for
24	UsesTradingServicesOf	Uses trading services of
25	ApprovesOf	Approves of
26	ApprovedBy	Approved by
27	ParentFirmFor	Parent firm for
28	SubsidiaryOf	Subsidiary of
29	RegulatoryOwnerOf	Regulatory owner of
30	OwnedByRegulatory	Owned by (regulatory)
31	Controls	Controls
32	IsControlledBy	Is controlled by
33	LegalOwnerOf	Legal / titled owner of
34	OwnedByLegal	Owned by (legal / title)
35	BeneficialOwnerOf	Beneficial owner of
36	OwnedByBeneficial	Owned by (beneficial)
37	SettlesFor	Settles for
38	SettlesThrough	Settles through

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Used in groups: [PartyRelationshipGrp](#)

**170.2.3675 PartyRelationshipGrp**

Repeating group of party relationships.

Name	Mult.	Type	Description
NoPartyRelationships	[1..1]	NumInGroup	
PartyRelationship	[0..1]	CodeSet	Identifies the type of party relationship requested. Required if NoPartyRelationships > 0.

Used in groups: [RelatedPartyDetailGrp](#)

Used in messages: [PartyDetailsListRequest](#)

**170.2.3676 PartyRiskLimitsAckGrp**

This new block is a repeating group based on the existing block <PartyRiskLimitsGrp> with an additional field RiskLimitStatus(1763) to accept (with or without changes) or reject individual risk limits. It is only used in PartyRiskLimitDefinitionRequestAck, the response to the request to define risk limits. An approval with changes requires to send <RiskLimitsGrp> with the complete set of risk limits that have been accepted for the party defined.

Name	Mult.	Type	Description
NoPartyRiskLimits	[1..1]	NumInGroup	
ListUpdateAction	[0..1]	CodeSet	Required if NoPartyRiskLimits(1677) > 0.
RiskLimitStatus	[0..1]	CodeSet	Required if NoPartyRiskLimits(1677) > 0.
RiskLimitResult	[0..1]	CodeSet	
PartyDetailGrp	[0..*]	Group	Conditionally required when RiskLimitID(1670) is not provided. Changes to party or related party(-ies) defined in the request are not permitted.
RiskLimitsGrp	[0..*]	Group	Conditionally required when RiskLimitStatus(1763) = 1(Accepted with changes) and must then be complete, i.e. omissions compared to the request represent risk limits that were removed, additional risk limits are possible.
RiskLimitID	[0..1]	String	Conditionally required when PartyDetailGrp component is not provided.
RiskLimitCheckModelType	[0..1]	CodeSet	

Name	Mult.	Type	Description
RejectText	[0..1]	String	
EncodedRejectTextLen	[0..1]	Length	Must be set if EncodedRejectText(1665) field is specified and must immediately precede it.
EncodedRejectText	[0..1]	data	Encoded (non-ASCII characters) representation of the RejectText(1328) field in the encoded format specified via the MessageEncoding(347) field.
PartyRiskLimitStatus	[0..1]	CodeSet	

Used in messages: [PartyRiskLimitsDefinitionRequestAck](#)

### 170.2.3677 PartyRiskLimitsGrp

Repeating group of parties (specified using PartyDetails) and the risk limits for the party.

Name	Mult.	Type	Description
NoPartyRiskLimits	[1..1]	NumInGroup	
PartyDetailGrp	[0..*]	Group	Required if NoPartyRiskLimits(1677) > 0.
RiskLimitsGrp	[0..*]	Group	Required if NoPartyRiskLimits(1677) > 0. Omit to implicitly report removal of risk limits.
RiskLimitID	[0..1]	String	
RiskLimitCheckModelType	[0..1]	CodeSet	
PartyRiskLimitStatus	[0..1]	CodeSet	

Used in messages: [PartyRiskLimitsReport](#)

### 170.2.3678 PartyRiskLimitStatus

The status of risk limits for a party.

Type: `int`

Allowed values in PartyRiskLimitStatusCodeSet:

Code	Name	Description
0	Disabled	Disabled. Risk limits for party is disabled.

Code	Name	Description
1	Enabled	Enabled. Risk limits for party is enabled.

Used in groups: [PartyRiskLimitsAckGrp](#), [PartyRiskLimitsGrp](#), [PartyRiskLimitsUpdateGrp](#)

### 170.2.3679 PartyRiskLimitsUpdateGrp

This new block is a repeating group based on the existing block <PartyRiskLimitsGrp> with an additional field ListUpdateAction(1324) to support incremental changes of risk limit definitions. The group is part of the definition request as well as part of the update report for risk limits.

Name	Mult.	Type	Description
NoPartyRiskLimits	[1..1]	NumInGroup	
ListUpdateAction	[0..1]	CodeSet	Required if NoPartyRiskLimits(1677) > 0.
PartyDetailGrp	[0..*]	Group	Conditionally required when ListUpdateAction(1324) = A(Add). Conditionally required when ListUpdateAction(1324) = M(Modify) or D(Delete) and RiskLimitID(1670) is not provided.
RiskLimitsGrp	[0..*]	Group	Conditionally required when ListUpdateAction(1324) = A(Add) or M(Modify).
RiskLimitID	[0..1]	String	Conditionally required when PartyDetailGrp component is not provided.
RiskLimitCheckModelType	[0..1]	CodeSet	
PartyRiskLimitStatus	[0..1]	CodeSet	

Used in messages: [PartyRiskLimitsDefinitionRequest](#), [PartyRiskLimitsReportAck](#), [PartyRiskLimitsUpdateReport](#)

### 170.2.3680 PartyRole

Identifies the type or role of the PartyID (448) specified.

Type: `int`

Allowed values in PartyRoleCodeSet:

<b>Code</b>	<b>Name</b>	<b>Description</b>
1	ExecutingFirm	Executing Firm (formerly FIX 4.2 ExecBroker)
2	BrokerOfCredit	Broker of Credit (formerly FIX 4.2 BrokerOfCredit)
3	ClientID	Client ID (formerly FIX 4.2 ClientID)
4	ClearingFirm	Clearing Firm (formerly FIX 4.2 ClearingFirm)
5	InvestorID	Investor ID
6	IntroducingFirm	Introducing Firm
7	EnteringFirm	Entering Firm
8	Locate	Locate / Lending Firm (for short-sales)
9	FundManagerClientID	Fund Manager Client ID (for CIV)
10	SettlementLocation	Settlement Location (formerly FIX 4.2 SettlLocation)
11	OrderOriginationTrader	Order Origination Trader (associated with Order Origination Firm - i.e. trader who initiates/submits the order)
12	ExecutingTrader	Executing Trader (associated with Executing Firm - actually executes)
13	OrderOriginationFirm	Order Origination Firm (e.g. buy-side firm)
14	GiveupClearingFirmDepr	Giveup Clearing Firm (firm to which trade is given up)
15	CorrespondantClearingFirm	Correspondant Clearing Firm
16	ExecutingSystem	Executing System
17	ContraFirm	Contra Firm
18	ContraClearingFirm	Contra Clearing Firm
19	SponsoringFirm	Sponsoring Firm
20	UnderlyingContraFirm	Underlying Contra Firm
21	ClearingOrganization	Clearing Organization
22	Exchange	Exchange. Identify using PartyIDSource(tag 447) = G (Market Identifier Code) if the MIC exists.
24	CustomerAccount	Customer Account
25	CorrespondentClearingOrganization	Correspondent Clearing Organization
26	CorrespondentBroker	Correspondent Broker
27	Buyer	Buyer/Seller (Receiver/Deliverer)
28	Custodian	Custodian
29	Intermediary	Intermediary
30	Agent	Agent
31	SubCustodian	Sub-custodian
32	Beneficiary	Beneficiary
33	InterestedParty	Interested party



<b>Code</b>	<b>Name</b>	<b>Description</b>
34	RegulatoryBody	Regulatory body. In the context of regulatory reporting, this identifies the regulator the trade is being reported to.
35	LiquidityProvider	Liquidity provider
36	EnteringTrader	Entering trader
37	ContraTrader	Contra trader
38	PositionAccount	Position account. The account which positions are maintained. Typically represents the aggregation of one or more customer accounts.
39	ContraInvestorID	Contra Investor ID
40	TransferToFirm	Transfer to Firm
41	ContraPositionAccount	Contra Position Account
42	ContraExchange	Contra Exchange
43	InternalCarryAccount	Internal Carry Account
44	OrderEntryOperatorID	Order Entry Operator ID
45	SecondaryAccountNumber	Secondary Account Number
46	ForeignFirm	Foreign Firm
47	ThirdPartyAllocationFirm	Third Party Allocation Firm
48	ClaimingAccount	Claiming Account
49	AssetManager	Asset Manager
50	PledgorAccount	Pledgor Account
51	PledgeeAccount	Pledgee Account
52	LargeTraderReportableAccount	Large Trader Reportable Account
53	TraderMnemonic	Trader mnemonic
54	SenderLocation	Sender Location
55	SessionID	Session ID
56	AcceptableCounterparty	Acceptable Counterparty
57	UnacceptableCounterparty	Unacceptable Counterparty
58	EnteringUnit	Entering Unit
59	ExecutingUnit	Executing Unit
60	IntroducingBroker	Introducing Broker
61	QuoteOriginator	Quote originator
62	ReportOriginator	Report originator
63	SystematicInternaliser	Systematic internaliser (SI)

<b>Code</b>	<b>Name</b>	<b>Description</b>
64	MultilateralTradingFacility	Multilateral Trading Facility (MTF). Identify using PartyIDSource(tag 447) = G (Market Identifier Code) if the MIC exists.
65	RegulatedMarket	Regulated Market (RM). Identify using PartyIDSource(tag 447) = G (Market Identifier Code) if the MIC exists.
66	MarketMaker	Market Maker
67	InvestmentFirm	Investment Firm
68	HostCompetentAuthority	Host Competent Authority (Host CA)
69	HomeCompetentAuthority	Home Competent Authority (Home CA)
70	CompetentAuthorityLiquidity	Competent Authority of the most relevant market in terms of liquidity (CAL)
71	CompetentAuthorityTransactionV- enue	Competent Authority of the Transaction (Execution) Venue (CATV)
72	ReportingIntermediary	Reporting intermediary. The medium or vendor used to report to a regulator, non-regulatory agency or data repository.
73	ExecutionVenue	Execution Venue. Identify using PartyIDSource(tag 447) = G (Market Identifier Code) if the MIC exists.
74	MarketDataEntryOriginator	Market data entry originator
75	LocationID	Location ID
76	DeskID	Desk ID
77	MarketDataMarket	Market data market
78	AllocationEntity	Allocation Entity
79	PrimeBroker	Prime Broker providing General Trade Services
80	StepOutFirm	Step-Out Firm (Prime Broker)
81	BrokerClearingID	Broker clearing identifier
82	CentralRegistrationDepository	Central Registration Depository (CRD)
83	ClearingAccount	Clearing Account
84	AcceptableSettlingCounterparty	Acceptable Settling Counterparty
85	UnacceptableSettlingCounterparty	Unacceptable Settling Counterparty
86	CLSMemberBank	CLS Member Bank
87	InConcertGroup	In Concert Group
88	InConcertControllingEntity	In Concert Controlling Entity
89	LargePositionsReportingAccount	Large Positions Reporting Account
90	SettlementFirm	Settlement Firm

<b>Code</b>	<b>Name</b>	<b>Description</b>
91	SettlementAccount	Settlement account. The account to which individual payment obligations are aggregated for netting and funds movement. Typically represents the aggregation of many margin (performance bond) accounts.
92	ReportingMarketCenter	Reporting Market Center
93	RelatedReportingMarketCenter	Related Reporting Market Center
94	AwayMarket	Away Market. Identify using PartyIDSource(tag 447) = G (Market Identifier Code) if the MIC exists.
95	GiveupTradingFirm	Give-up (trading) firm
96	TakeupTradingFirm	Take-up (trading) firm
97	GiveupClearingFirm	Give-up clearing firm
98	TakeupClearingFirm	Take-up clearing firm
99	OriginatingMarket	Originating Market. Identifies the Market using PartyIDSource(tag 447) = G (Market Identifier Code) where an order originated in the event that the order is sent to an alternative market for execution. Serves as an inverse of an away market.
100	MarginAccount	Margin account. Also referred to as "performance bond account". The margin account is the calculated margin requirements. Typically represents the aggregation of one or more position accounts.
101	CollateralAssetAccount	Collateral asset account. The account at which individual collateral assets are maintained. Typically, although not always, one-for-one with the settlement account.
102	DataRepository	Data repository. Multiple instances of this PartyRole may appear for reporting purposes.
103	CalculationAgent	Calculation agent
104	ExerciseNoticeSender	Sender of exercise notice
105	ExerciseNoticeReceiver	Receiver of exercise notice
106	RateReferenceBank	Rate reference bank. The bank providing the reference rate. Multiple instance of this PartyRole may appear.
107	Correspondent	Correspondent
109	BeneficiaryBank	Beneficiary's bank or depository institution. The institution in which the beneficiary, a person or an entity, has their account with. The institution may be a bank or non-bank institution.
110	Borrower	Borrower
111	PrimaryObligator	Primary obligator
112	Guarantor	Guarantor

<b>Code</b>	<b>Name</b>	<b>Description</b>
113	ExcludedReferenceEntity	Excluded reference entity
114	DeterminingParty	Determining party
115	HedgingParty	Hedging party
116	ReportingEntity	Reporting entity. The entity that is reporting the information.
117	SalesPerson	Sales person. The person who is involved in the sales activities for their firm.
118	Operator	Operator. The person who has the capabilities and authorization to take certain actions; for example, setting entitlements, etc.
119	CSD	Central Securities Depository (CSD)
120	ICSD	International Central Securities Depository (ICSD)
121	TradingSubAccount	Trading sub-account. Example of sub-accounts include a clearing account that has multiple trading sub-accounts, a trading account that has multiple trading sub-accounts belonging to different trading firms.
122	InvestmentDecisionMaker	Investment decision maker. In the context of ESMA RTS reporting, this is used to specify party responsible for the investment decision. See RTS 24, Annex, Table 2, Field 4.
123	PublishingIntermediary	Publishing intermediary. The medium or vendor used to publish to the market.
124	CSDParticipant	Central Securities Depository (CSD) Participant. In the context of EU SFTR reporting the identifier of the CSD participant or indirect participant of the reporting counterparty. Where both the CSD participant and indirect participant are involved in the transaction this should identify the indirect participant.
125	Issuer	Issuer. The issuer of the security.
126	ContraCustomerAccount	Contra Customer Account. Same as PartyRole(452) = 24 (Customer Account) but for the counterparty. Can be used whenever the parties component is not nested in a repeating group representing both sides.
127	ContraInvestmentDecisionMaker	Contra Investment Decision Maker. Same as PartyRole(452) = 122 (Investment Decision Maker) but for the counterparty. Can be used whenever the parties component is not nested in a repeating group representing both sides.

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Used in groups: **Parties**

**170.2.3681 PartyRoleQualifier**

Used to further qualify the value of PartyRole(452).

Type: **int**

Allowed values in PartyDetailRoleQualifierCodeSet:

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<b>Code</b>	<b>Name</b>	<b>Description</b>
0	Agency	Agency
1	Principal	Principal
2	RisklessPrincipal	Riskless principal
3	GeneralClearingMember	General clearing member
30	ExchangeOrderSubmitter	Exchange order submitter. Used to identify original or initial exchange order submitting broker when party role "1" (Executing Firm) appears more than once.
4	IndividualClearingMember	Individual clearing member
5	PreferredMarketMaker	Preferred market maker. Market maker getting a part of the matched quantity before primary or default market maker.
6	DirectedMarketMaker	Directed market maker. Single market maker to handle the order provided.
7	Bank	Bank
8	Hub	Hub. Indicates that the Intermediary party is a hub system or service provider.
9	PrimaryTrdRepository	Primary trade repository. Used to differentiate the principal trade repository from the Original or Additional trade repositories when there are multiple trade repositories being reported.
10	OrigTrdRepository	Original trade repository. Used to identify the trade repository to which the trade was originally reported if different from the current repository to which the trade is being reported.
11	AddtnlIntlTrdRepository	Additional international trade repository. Used with InternationalSwapIndicator(2526) to identify the trade repository that is in addition to the local swaps data repository as required by U.S. law.
12	AddtnlDomesticTrdRepository	Additional domestic trade repository. Used with MixedSwapIndicator(1929) to identify the trade repository that is in addition to the current trade repository when the assets in the swap are subject to two different domestic regulators.
13	RelatedExchange	Related exchange
14	OptionsExchange	Options exchange

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Code	Name	Description
15	SpecifiedExchange	Specified exchange
16	ConstituentExchange	Constituent exchange.
17	ExemptFromTradeReporting	Exempt from trade reporting. In the context of FINRA TRACE reporting requirements, this is used to indicate the ATS has been granted a regulatory exemption from reporting.
18	Current	Current. Can be used to convey an existing party identifier for the same party role in a single message.
19	New	New. Can be used to convey a future party identifier for the same party role in a single message.
20	DesignatedSponsor	Designated sponsor. Market maker jointly providing liquidity for the same security with other market makers.
21	Specialist	Specialist. Market maker being the only one providing liquidity for a security.
22	Algorithm	Algorithm
23	FirmOrLegalEntity	Firm or legal entity
24	NaturalPerson	Natural person
25	RegularTrader	Regular trader. Standard trader profile.
26	HeadTrader	Head trader. Senior trader leading a group of regular traders.
27	Supervisor	Supervisor. Administrative user that has only limited rights for normal trading but possibly special rights for emergency actions.
28	TriParty	Tri-party. In the context of EU SFTR reporting, identifies the third party, not necessarily the custodian, to which the reporting counterparty has outsourced the post-trade processing of an SFT (if applicable).
29	Lender	Lender. In the context of EU SFTR reporting, identifies the agent lender involved in the securities lending transaction.

Used in groups: **Parties**

### 170.2.3682 PartySubID

Sub-identifier (e.g. Clearing Account for PartyRole (452)=Clearing Firm, Locate ID # for PartyRole=Locate/Lending Firm, etc). Not required when using PartyID (448), PartyIDSource (447), and PartyRole.

Type: **String**

Used in groups: [PtysSubGrp](#)

### 170.2.3683 PartySubIDType

Type of PartySubID(523) value.

Type: [int](#)

Allowed values in PartySubIDTypeCodeSet:

Code	Name	Description
1	Firm	Firm
2	Person	Person
3	System	System
4	Application	Application
5	FullLegalNameOfFirm	Full legal name of firm
6	PostalAddress	Postal address
7	PhoneNumber	Phone number
8	EmailAddress	Email address
9	ContactName	Contact name
10	SecuritiesAccountNumber	Securities account number (for settlement instructions)
11	RegistrationNumber	Registration number (for settlement instructions and confirmations)
12	RegisteredAddressForConfirmation	Registered address (for confirmation purposes)
13	RegulatoryStatus	Regulatory status (for confirmation purposes)
14	RegistrationName	Registration name (for settlement instructions)
15	CashAccountNumber	Cash account number (for settlement instructions)
16	BIC	BIC
17	CSDParticipantMemberCode	CSD participant member code
18	RegisteredAddress	Registered address
19	FundAccountName	Fund account name
20	TelexNumber	Telex number
21	FaxNumber	Fax number
22	SecuritiesAccountName	Securities account name
23	CashAccountName	Cash account name
24	Department	Department
25	LocationDesk	Location desk

<b>Code</b>	<b>Name</b>	<b>Description</b>
26	PositionAccountType	Position account type
27	SecurityLocateID	Security locate ID
28	MarketMaker	Market maker
29	EligibleCounterparty	Eligible counterparty
30	ProfessionalClient	Professional client
31	Location	Location
32	ExecutionVenue	Execution venue
33	CurrencyDeliveryIdentifier	Currency delivery identifier
34	AddressCity	Address City
35	AddressStateOrProvince	Address State/Province
36	AddressPostalCode	Address Postal Code
37	AddressStreet	Address Street
38	AddressISOCountryCode	Address Country (ISO country code)
39	ISOCountryCode	ISO country code
40	MarketSegment	Market segment
41	CustomerAccountType	Customer account type
42	OmnibusAccount	Omnibus account
43	FundsSegregationType	Funds segregation type
44	GuaranteeFund	Guarantee fund. Identifies a guarantee fund related to an account. Used when one account has multiple funds of collateral, each guaranteeing different positions. Can be used for PartyRole(452) = Customer Account(24).
45	SwapDealer	Swap dealer. The US regulator's defined term for identifying the trade counterparty as "any person who holds itself out as a dealer in swaps, makes a market in swaps, regularly enters into swaps with counterparties as an ordinary course of business for its own account, or engages in activity causing itself to be commonly known in the trade as a dealer or market maker in swaps".
46	MajorParticipant	Major participant. When PartySubID(523)=Y the counterparty is not the swap dealer but is a major swap participant as defined in the regulations.
47	FinancialEntity	Financial entity. When PartySubID(523)=Y the counterparty is neither a swap dealer nor a major swap participant but is a financial entity as defined in the regulations.
48	USPerson	U.S. person. A legal term referring to any U.S. person or legal entity anywhere in the world that should be taxed under U.S. law.



<b>Code</b>	<b>Name</b>	<b>Description</b>
49	ReportingEntityIndicator	Reporting entity indicator. Indicates the entity obligated or delegated to report to their regulator, a non-regulatory agency or data repository. Set PartySubID(523)=Y if true.
50	ElectedClearingRequirementException	Elected clearing requirement exception
51	BusinessCenter	Business center.
52	ReferenceText	Reference text
53	ShortMarkingExemptAccount	Short-marking exempt account
54	ParentFirmIdentifier	Parent firm identifier. Implementation-specific identifier of this party's parent entity.
55	ParentFirmName	Parent firm name. Full name of this party's parent entity.
56	DealIdentifier	Deal identifier. The internal identifier assigned to the trade by this party, particularly by a Clearing Organization.
57	SystemTradeID	System trade identifier
58	SystemTradeSubID	System trade sub-identifier
59	FCMCode	Futures Commission Merchant (FCM) code. The FCM's code or identifier in relation to the PartyRole(452). For example, if PartyRole(452) is the exchange or clearinghouse, the FCM code/ID specified in PartySubID(523) is the FCM's identifier at the exchange or clearinghouse.
60	DlvryTrmlCode	Delivery terminal customer account/code. Usually used for gas delivery to identify whose account the gas is allocated to at the delivery terminal. Often referred to as "HUB" code.
61	VolntyRptEntity	Voluntary reporting entity. The entity voluntarily reporting the trade to the regulator. Set PartySubID(523)=Y if true.
62	RptObligJursdctn	Reporting obligation jurisdiction. For a trade that falls under multiple jurisdictions this may be used to identify, through PartySubID(523), the reporting jurisdiction to which the party is obligated to report.
63	VolntyRptJursdctn	Voluntary reporting jurisdiction. For a trade that falls under multiple jurisdictions this may be used to identify, through PartySubID(523), the regulatory jurisdiction to which the party is submitting a voluntary report.

Code	Name	Description
64	CompanyActivities	Company activities. For regulatory reporting. ID values include: A = Assurance undertaking authorized in accordance with Directive 2002/83/EC C=Credit institution authorized in accordance with Directive 2006/48/EC F=Investment firm in accordance with Directive 2004/39/EC I=Insurance undertaking authorized in accordance with Directive 73/239/EC L=Alternative investment fund managed by AIFMs authorized or registered in accordance with Directive 2011/61/EC O=Institution for occupational retirement provision within the meaning of Article 6(a0 of Directive 2003/41/EC R=Reinsurance undertaking authorized in accordance with Directive 2005/68/EC U=UCITS and its management company, authorized in accordance with Directive 2009/65/EC or blank in case of coverage by LEI or in case of non-financial counterparties. In the context of EU SFTR reporting use the appropriate 4- or 1-character code noted in the regulations. See SFTR ITS "Commission Implementing Regulation (EU) 2019/363" Annexes 1 and 2 for values.
65	EEAreaDomiciled	European Economic Area domiciled. ID values: Y or N
66	ContractLinked	Contract linked to commercial or treasury financing for this counterparty. ID values: Y or N
67	ContractAbove	Contract above clearing threshold for this counterparty. ID values: Y or N
68	VolntyRptPty	Voluntary reporting party. When PartySubID(523)=Y, identifies that the trading party is reporting voluntarily when VoluntaryRegulatoryReport(1935)=Y.
69	EndUser	End user. When PartySubID(523)=Y, the counterparty is neither the swap dealer, major swap participant nor financial entity as defined in the regulations.
70	LocationOrJurisdiction	Location or jurisdiction. One or more instances may be used in combination with PartySubIDType(803) = 49 (Reporting entity indicator) or 102 (Data repository) to identify the jurisdiction, countries, regions or provinces for which the party is a reporting entity or data repository when that characteristic is ambiguous or where there are multiple locations. The party sub-ID value is either a jurisdiction acronym, a 2-character ISO 3166 country code, or a hyphenated combination of the country code and the standard post-office abbreviation for province, state or region if necessary. E.g. "US" for United States or "CA-QC" for Quebec Canada.

<b>Code</b>	<b>Name</b>	<b>Description</b>
71	DerivativesDealer	Derivatives dealer. Indicates whether the party is a derivatives dealer or not (Y/N). The Canadian regulator's defined term for identifying the trade counterparty as "a person or company engaging in or holding himself, herself or itself out as engaging in the business of trading in derivatives in Ontario as principal or agent".
72	Domicile	Domicile. Country and optionally province, state or region of domicile. The party sub-ID value is either a 2-character ISO 3166 country code or a hyphenated combination of the country code and the standard post-office abbreviation of province, state or region if necessary. E.g. "US" for United States or "CA-QC" for Quebec Canada.
73	ExemptFromRecognition	Exempt from recognition. Used with party role 21 "Clearing Organization" to indicate exemption (Y/N). Identifies a clearing agency as exempt from oversight in Ontario, i.e. one that 1) only provides limited services and does not present significant risks or 2) is foreign-based, intends to operate in Ontario but is subject to regulatory oversight in another jurisdiction.
74	Payer	Payer. Identifies the party as the payer of a particular payment stream or bullet payment by quoting the stream's StreamDesc(40051) (or LegStreamDesc(40243) or UnderlyingStreamDesc(40542)) or payment's PaymentDesc(43087) in the associated party sub-identifier field.
75	Receiver	Receiver. Identifies the party as the receiver of a particular payment stream or bullet payment by quoting the stream's StreamDesc(40051) (or LegStreamDesc(40243) or UnderlyingStreamDesc(40542)) or payment's PaymentDesc(43087) in the associated party sub-identifier field.
76	SystematicInternaliser	Systematic Internaliser (SI). In the context of ESMA reporting, this is used to indicate whether the specified party is a Systematic Internaliser or not for the security defined in the Instrument component (Y/N).
77	PublishingEntityIndicator	Publishing entity indicator. Indicates the entity obligated or delegated to publish to the market. Set PartySubID(523)=Y if true.
78	FirstName	First name. The first name(s) of a natural person. If multiple names, separate entries by a comma.
79	Surname	Surname. The surname(s) or lastname(s) of a natural person. If multiple names, separate entries by a comma.

Code	Name	Description
80	DateOfBirth	Date of birth. The date of birth of a natural person in the format YYYYMMDD.
81	OrderTransmittingFirm	Order transmitting firm. Identifies whether the party specified in PartyID(448) is the firm that transmitted the order. In the context of RTS 22 Article 4, when "true" the PartySubID(523)=Y shall be set "by the transmitting firm within the transmitting firm's report where conditions for transmission specified in Article 4 were not satisfied."
82	OrderTransmittingFirmBuyer	Order transmitting firm for buyer. Identifies the firm that transmitted the order for the buyer. In the context of ESMA RTS 22, PartySubID(523)=Y is used to indicate the firm identified in PartyID(448) is the firm that transmitted the order for the buyer. "This shall be populated by the receiving firm within the receiving firm's report with the identification code provided by the transmitting firm."
83	OrderTransmitterSeller	Order transmitter for seller. Identifies the order transmitting firm for the seller. In the context of ESMA RTS 22, PartySubID(523)=Y is used to indicate the firm identified in PartyID(448) is the firm that transmitted the order for the seller. "This shall be populated by the receiving firm within the receiving firm's report with the identification code provided by the transmitting firm."
84	LegalEntityIdentifier	Legal Entity Identifier (ISO 17442) LEI
85	SubSectorClassification	Sub-sector classification. Supplemental to party sub-ID type "64" (Company activities) for regulatory reporting. For EU SFTR reporting use the appropriate 4-character code noted in the regulations applying the conditional association rules. See SFTR ITS "Commission Implementing Regulation (EU) 2019/363" Annexes 1 and 2 for values.
86	PartySide	Party side. May be used, when appropriate, to explicitly indicate the transaction side of the party, e.g. Buyer, Seller, Lender, Borrower, Maker, Taker, etc. in the ID. In the context of EU SFTR reporting, use values as required by SFTR, "GIVE" and "TAKE" in the ID, to identify collateral giver and taker.
87	LegalRegistrationCountry	Legal registration country. ISO Country Code where the registered office of the party is located as specified in the LEI reference data.

Used in groups: [PtysSubGrp](#)

**170.2.3684 Password**

Password or passphrase.

Type: **String**

Used in messages: **Logon**, **UserRequest**

**170.2.3685 PayAmount**

Amount to be paid by the clearinghouse to the clearing firm.

Type: **Amt**

Used in groups: **PayCollectGrp**

**170.2.3686 PayCollectCurrency**

Currency denomination of value in **PayAmount**(1710) and **CollectAmount**(1711). If not specified, default to currency specified in **SettlementAmountCurrency**(1702).

Type: **Currency**

Used in groups: **PayCollectGrp**

**170.2.3687 PayCollectCurrencyCodeSource**

Identifies class or source of the **PayCollectCurrency**(1709) value.

Type: **String**

Allowed values in **CurrencyCodeSourceCodeSet**:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
1	CUSIP	CUSIP
2	SEDOL	SEDOL
4	ISINNumber	ISIN
6	ISOCurrencyCode	ISO Currency Code (ISO 4217)
S	FinancialInstrumentGlobalIdentifier	Financial Instrument Global Identifier. An Object Management Group (OMG) standard. Also referred to as FIGI. Formerly known as "Bloomberg Open Symbolology BBGID".
Y	DigitalTokenIdentifier	Digital Token Identifier (ISO 24165)

---

Used in groups: [PayCollectGrp](#)

### 170.2.3688 PayCollectFXRate

Foreign exchange rate used to compute the PayAmount(1710) or CollectAmount(1711) from the PayCollectCurrency(1709) and the Currency(15).

Type: **float**

Used in groups: [PayCollectGrp](#)

### 170.2.3689 PayCollectFXRateCalc

Specifies whether or not PayCollectFXRate(2094) should be multiplied or divided.

Type: **char**

Allowed values in UnderlyingFXRateCalcCodeSet:

---

Code	Name	Description
D	Divide	Divide
M	Multiply	Multiply

---

Used in groups: [PayCollectGrp](#)

### 170.2.3690 PayCollectGrp

The Pay Collect Group component block is a repeatable block intended to report individual pay/collect items to be considered when calculating net settlement.

---

Name	Mult.	Type	Description
<a href="#">NoPayCollects</a>	[1..1]	NumInGroup	
<a href="#">PayCollectType</a>	[0..1]	String	Required if NoPayCollects > 0.
<a href="#">PayCollectCurrency</a>	[0..1]	Currency	Can be used to specify the base settlement currency if Currency(15) is not specified.
<a href="#">PayCollectCurrencyCodeSource</a>	[0..1]	CodeSet	
<a href="#">PayCollectFXRate</a>	[0..1]	float	
<a href="#">PayCollectFXRateCalc</a>	[0..1]	CodeSet	

---

Name	Mult.	Type	Description
PayAmount	[0..1]	Amt	
CollectAmount	[0..1]	Amt	
PayCollectMarketSegmentID	[0..1]	String	
PayCollectMarketID	[0..1]	String	

---

Used in messages: [AccountSummaryReport](#)

#### **170.2.3691 PayCollectMarketID**

Market associated with the pay collect amount.

Type: [String](#)

Used in groups: [PayCollectGrp](#)

#### **170.2.3692 PayCollectMarketSegmentID**

Market segment associated with the pay collect amount.

Type: [String](#)

Used in groups: [PayCollectGrp](#)

#### **170.2.3693 PayCollectType**

Category describing the reason for funds paid to, or the funds collected from the clearing firm.

Type: [String](#)

Used in groups: [PayCollectGrp](#)

#### **170.2.3694 PayDisputeReason**

Used to provide the reason for disputing a request or report.

See <https://www.fixtrading.org/packages/PayDisputeReason> for the list of applicable values.

Type: [int](#)

Used in messages: [PayManagementReport](#), [PayManagementReportAck](#)

### **170.2.3695 PaymentAmount**

The total payment amount.

Type: **Amt**

Used in groups: **PaymentGrp**

### **170.2.3696 PaymentAmountDeterminationMethod**

Specifies the method by which a payment amount is determined.

See <http://www.fpml.org/coding-scheme/determination-method> for values.

Type: **String**

Used in groups: **PaymentGrp**

### **170.2.3697 PaymentAmountRelativeTo**

Specifies the reference amount when the payment amount is relative to another amount in the message.

See [http://www.fixtradingcommunity.org/codelists#Payment\\_Amount\\_Relative\\_To](http://www.fixtradingcommunity.org/codelists#Payment_Amount_Relative_To) for code list of relative amounts.

Type: **int**

Used in groups: **PaymentGrp**

### **170.2.3698 PaymentBusinessCenter**

The business center calendar used to adjust the payment date, e.g. "GBLO". See <http://www.fpml.org/coding-scheme/business-center> for standard 4-character code values.

Type: **String**

Used in groups: **PaymentBusinessCenterGrp**

### **170.2.3699 PaymentBusinessCenterGrp**

**PaymentBusinessCenterGrp** is a repeating subcomponent within the **PaymentGrp** component. It is used to specify the set of business centers whose calendars drive the date adjustment. Used only to override the business centers defined in the **DateAdjustment** component in **Instrument**.



Name	Mult.	Type	Description
NoPaymentBusinessCenters	[1..1]	NumInGroup	
PaymentBusinessCenter	[0..1]	String	Required if NoPaymentBusinessCenters(40944) > 0.

Used in groups: [PaymentGrp](#)

### 170.2.3700 PaymentBusinessDayConvention

The business day convention used to adjust the payment date. Used only to override the business day convention specified in the DateAdjustment component within the Instrument component.

Type: [int](#)

Allowed values in BusinessDayConventionCodeSet:

Code	Name	Description
0	NotApplicable	Not applicable. Business day convention is not applicable.
1	None	None (current day)
2	FollowingDay	Following day. The following business day.
3	FloatingRateNote	Floating rate note. The FRN business day convention.
4	ModifiedFollowingDay	Modified following day. The modified following business day.
5	PrecedingDay	Preceding day. The preceding business day.
6	ModifiedPrecedingDay	Modified preceding day. The modified preceding business day.
7	NearestDay	Nearest day. The nearest applicable business day.

Used in groups: [PaymentGrp](#)

### 170.2.3701 PaymentCurrency

Specifies the currency in which PaymentAmount(40217) is denominated. Uses ISO 4271 currency codes.

Type: [Currency](#)

Used in groups: [PaymentGrp](#)

**170.2.3702 PaymentDate**

The date written on a cheque or date payment should be submitted to the relevant clearing system.

Type: **LocalMktDate**

Used in groups: **SettlInstGrp**

**170.2.3703 PaymentDateAdjusted**

The adjusted payment date.

Type: **LocalMktDate**

Used in groups: **PaymentGrp**

**170.2.3704 PaymentDateOffsetDayType**

Specifies the day type of the relative payment date offset.

Type: **int**

Allowed values in PaymentDateOffsetDayTypeCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	Business	Business
1	Calendar	Calendar
2	Commodity	Commodity business
3	Currency	Currency business
4	Exchange	Exchange business
5	Scheduled	Scheduled trading day

---

Used in groups: **PaymentGrp**

**170.2.3705 PaymentDateOffsetPeriod**

Time unit multiplier for the relative payment date offset.

Type: **int**

Used in groups: **PaymentGrp**

**170.2.3706 PaymentDateOffsetUnit**

Time unit associated with the relative payment date offset.

Type: **String**

Allowed values in PaymentStreamPaymentDateOffsetUnitCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
D	Day	Day
Wk	Week	Week
Mo	Month	Month
Yr	Year	Year

---

Used in groups: **PaymentGrp**

**170.2.3707 PaymentDateRelativeTo**

Specifies the anchor date when the payment date is relative to an anchor date.

See [http://www.fixtradingcommunity.org/codelists#Relative\\_To\\_Date](http://www.fixtradingcommunity.org/codelists#Relative_To_Date) for values.

Type: **int**

Used in groups: **PaymentGrp**

**170.2.3708 PaymentDateUnadjusted**

The unadjusted payment date.

Type: **LocalMktDate**

Used in groups: **PaymentGrp**

**170.2.3709 PaymentDesc**

A short descriptive name given to the payment, e.g. Premium, Upfront, etc. The description has no intrinsic meaning but should be arbitrarily chosen by the remitter as reference.

Type: **String**

Used in groups: **PaymentGrp**

**170.2.3710 PaymentDiscountFactor**

The value representing the discount factor used to calculate the present value of the cash flow.

Type: **float**

Used in groups: **PaymentGrp**

**170.2.3711 PaymentFixedRate**

The rate applicable to the fixed rate payment.

Type: **Percentage**

Used in groups: **PaymentGrp**

**170.2.3712 PaymentFloatingRateIndex**

The payment floating rate index. See SpreadOrBenchmarkCurveData(221) for suggested values.

Type: **String**

Used in groups: **PaymentGrp**

**170.2.3713 PaymentFloatingRateIndexCurvePeriod**

Time unit multiplier for the floating rate index.

Type: **int**

Used in groups: **PaymentGrp**

**170.2.3714 PaymentFloatingRateIndexCurveUnit**

Time unit associated with the floating rate index.

Type: **String**

Allowed values in PaymentStreamRateIndexCurveUnitCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
D	Day	Day
Wk	Week	Week

---

---

Code	Name	Description
Mo	Month	Month
Yr	Year	Year

---

Used in groups: [PaymentGrp](#)

### **170.2.3715 PaymentFloatingRateSpread**

Spread from floating rate index.

Type: [PriceOffset](#)

Used in groups: [PaymentGrp](#)

### **170.2.3716 PaymentForwardStartType**

Forward start premium type.

Type: [int](#)

Allowed values in PaymentForwardStartTypeCodeSet:

---

Code	Name	Description
0	Prepaid	Prepaid
1	Postpaid	Post-paid
2	Variable	Variable
3	Fixed	Fixed

---

Used in groups: [PaymentGrp](#)

### **170.2.3717 PaymentFrequencyPeriod**

Time unit multiplier for the payment frequency.

Type: [int](#)

Used in groups: [PaymentGrp](#)

**170.2.3718 PaymentFrequencyUnit**

Time unit associated with the payment frequency.

Type: **String**

Allowed values in PaymentStreamRateIndexCurveUnitCodeSet:

Code	Name	Description
D	Day	Day
Wk	Week	Week
Mo	Month	Month
Yr	Year	Year

Used in groups: **PaymentGrp**

**170.2.3719 PaymentGrp**

The PaymentGrp is a repeating component used to report additional payments or bullet payments.

Name	Mult.	Type	Description
<b>NoPayments</b>	[1..1]	NumInGroup	
<b>PaymentType</b>	[0..1]	CodeSet	Required if NoPayments(40212) > 0.
<b>PaymentSubType</b>	[0..1]	CodeSet	
<b>PaymentPaySide</b>	[0..1]	CodeSet	
<b>PaymentReceiveSide</b>	[0..1]	CodeSet	
<b>PaymentDesc</b>	[0..1]	String	
<b>PaymentCurrency</b>	[0..1]	Currency	
<b>PaymentAmount</b>	[0..1]	Amt	Either PaymentAmount(40217), PaymentFixedRate(43097) or PaymentRFloatingRateIndex(43098) must be specified.
<b>PaymentAmountRelativeTo</b>	[0..1]	int	
<b>PaymentAmountDetermination-Method</b>	[0..1]	String	

Name	Mult.	Type	Description
PaymentFixedRate	[0..1]	Percentage	Either PaymentAmount(40217), PaymentFixedRate(43097) or PaymentFloatingRateIndex(43098) must be specified.
PaymentFloatingRateIndex	[0..1]	String	Either PaymentAmount(40217), PaymentFixedRate(43097) or PaymentFloatingRateIndex(43098) must be specified.
PaymentFloatingRateIndexCurveUnit	[0..1]	CodeSet	Conditionally required when PaymentFloatingRateIndexCurvePeriod(43099) is specified.
PaymentFloatingRateIndexCurvePeriod	[0..1]	int	Conditionally required when PaymentFloatingRateIndexCurveUnit(43100) is specified.
PaymentFloatingRateSpread	[0..1]	PriceOffset	Conditionally required when PaymentFloatingRateIndex(43098) is specified and the spread to the index is not "zero". When the spread to the index is "zero" this may be omitted.
PaymentRateResetFrequencyUnit	[0..1]	CodeSet	Conditionally required when PaymentRateResetFrequencyPeriod(43104) is specified.
PaymentRateResetFrequencyPeriod	[0..1]	int	Conditionally required when PaymentRateResetFrequencyUnit(43105) is specified.
PaymentFrequencyUnit	[0..1]	CodeSet	Conditionally required when PaymentFrequencyPeriod(43102) is specified.
PaymentFrequencyPeriod	[0..1]	int	Conditionally required when PaymentFrequencyUnitPeriod(43103) is specified.
PaymentPrice	[0..1]	Price	
PaymentPriceType	[0..1]	CodeSet	
PaymentUnitOfMeasure	[0..1]	CodeSet	
PaymentDateUnadjusted	[0..1]	LocalMktDate	
PaymentBusinessDayConvention	[0..1]	CodeSet	When specified, this overrides the business day convention defined in the DateAdjustment component in Instrument. The specified value would be specific to this instance of the payment information.

Name	Mult.	Type	Description
PaymentBusinessCenterGrp	[0..*]	Group	When specified, this overrides the business centers defined in the DateAdjustment component in Instrument. The specified values would be specific to this instance of the payment information.
PaymentDateRelativeTo	[0..1]	int	
PaymentDateOffsetPeriod	[0..1]	int	Conditionally required when PaymentDateOffsetUnit(41158) is specified.
PaymentDateOffsetUnit	[0..1]	CodeSet	Conditionally required when PaymentDateOffsetPeriod(41157) is specified.
PaymentDateOffsetDayType	[0..1]	CodeSet	
PaymentDateAdjusted	[0..1]	LocalMktDate	
PaymentForwardStartType	[0..1]	CodeSet	
PaymentDiscountFactor	[0..1]	float	
PaymentPresentValueAmount	[0..1]	Amt	
PaymentPresentValueCurrency	[0..1]	Currency	
PaymentSettlStyle	[0..1]	CodeSet	
PaymentMethod	[0..1]	CodeSet	
PaymentSettlGrp	[0..*]	Group	
PaymentLegRefID	[0..1]	String	Used to link a payment back to its parent InstrumentLeg by using the same value as the parent's LegID(1788).
PaymentText	[0..1]	String	
EncodedPaymentTextLen	[0..1]	Length	Must be set if EncodedPaymentText(40985) field is specified and must immediately precede it.
EncodedPaymentText	[0..1]	data	Encoded (non-ASCII characters) representation of the PaymentText(40229) field in the encoded format specified via the MessageEncoding(347) field.

Used in messages: [ExecutionReport](#), [PositionMaintenanceReport](#), [PositionReport](#), [TradeCaptureReport](#)

### 170.2.3720 PaymentLegRefID

Identifies the instrument leg in which this payment applies to by referencing the leg's LegID(1788).

Type: [String](#)



Used in groups: [PaymentGrp](#)

### 170.2.3721 PaymentMethod

Identifies the settlement payment method.

Type: [int](#)

Allowed values in PaymentMethodCodeSet:

Code	Name	Description
1	CREST	CREST
2	NSCC	NSCC
3	Euroclear	Euroclear
4	Clearstream	Clearstream
5	Cheque	Cheque
6	TelegraphicTransfer	Telegraphic Transfer
7	FedWire	Fed Wire
8	DebitCard	Debit Card
9	DirectDebit	Direct Debit (BECS)
10	DirectCredit	Direct Credit (BECS)
11	CreditCard	Credit Card
12	ACHDebit	ACH Debit
13	ACHCredit	ACH Credit
14	BPAY	BPAY
15	HighValueClearingSystem	High Value Clearing System (HVACS)
16	CHIPS	CHIPS
17	SWIFT	S.W.I.F.T.
18	CHAPS	CHAPS
19	SIC	SIC
20	EuroSIC	euroSIC.
999	Other	Other

Used in groups: [PaymentGrp](#), [SettlInstGrp](#)

**170.2.3722 PaymentPaySide**

The side of the party paying the payment.

Type: **int**

Allowed values in PaymentPaySideCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
1	Buy	Buy
2	Sell	Sell

---

Used in groups: **PaymentGrp**

**170.2.3723 PaymentPresentValueAmount**

The amount representing the present value of the forecast payment.

Type: **Amt**

Used in groups: **PaymentGrp**

**170.2.3724 PaymentPresentValueCurrency**

Specifies the currency the PaymentPresentValueAmount(40225) is denominated in. Uses ISO 4217 currency codes.

Type: **Currency**

Used in groups: **PaymentGrp**

**170.2.3725 PaymentPrice**

The price determining the payment amount expressed in terms specified in PaymentPriceType(40919) and expressed in market format.

Type: **Price**

Used in groups: **PaymentGrp**

**170.2.3726 PaymentPriceType**

Specifies the type of price for PaymentPrice(40218).

Type: **int**

Allowed values in PriceTypeCodeSet:

Code	Name	Description
1	Percentage	Percentage (i.e. percent of par) (often called "dollar price" for fixed income)
2	PerUnit	Per unit (i.e. per share or contract)
3	FixedAmount	Fixed amount (absolute value)
4	Discount	Discount - percentage points below par
5	Premium	Premium - percentage points over par
6	Spread	Spread (basis points spread). Usually the difference in yield between two switched bonds or a corporate bond traded spread-to-benchmark.
7	TEDPrice	TED Price
8	TEDYield	TED Yield
9	Yield	Yield
10	FixedCabinetTradePrice	Fixed cabinet trade price (primarily for listed futures and options)
11	VariableCabinetTradePrice	Variable cabinet trade price (primarily for listed futures and options)
12	PriceSpread	Price spread. Price spread is expressed based on market convention for the asset being priced or traded. For example, the difference between the prices of a multileg switch or strategy expressed in basis points for a CDS or TBA roll; a price value to be added to a reference price, such as a "pay up" for specified pools
13	ProductTicksInHalves	Product ticks in halves
14	ProductTicksInFourths	Product ticks in fourths
15	ProductTicksInEighths	Product ticks in eighths
16	ProductTicksInSixteenths	Product ticks in sixteenths
17	ProductTicksInThirtySeconds	Product ticks in thirty-seconds
18	ProductTicksInSixtyFourths	Product ticks in sixty-fourths
19	ProductTicksInOneTwentyEighths	Product ticks in one-twenty-eighths
20	NormalRateRepresentation	Normal rate representation (e.g. FX rate)
21	InverseRateRepresentation	Inverse rate representation (e.g. FX rate)

---

Code	Name	Description
22	BasisPoints	Basis points. When the price is not spread based.
23	UpfrontPoints	Up front points. Used specifically for CDS pricing.
24	InterestRate	Interest rate. When the price is an interest rate. For example, used with benchmark reference rate.
25	PercentageNotional	Percentage of notional

---

Used in groups: [PaymentGrp](#)

### **170.2.3727 PaymentRateResetFrequencyPeriod**

Time unit multiplier for the floating rate reset frequency.

Type: [int](#)

Used in groups: [PaymentGrp](#)

### **170.2.3728 PaymentRateResetFrequencyUnit**

Time unit associated with the floating rate reset frequency.

Type: [String](#)

Allowed values in [PaymentStreamRateIndexCurveUnitCodeSet](#):

---

Code	Name	Description
D	Day	Day
Wk	Week	Week
Mo	Month	Month
Yr	Year	Year

---

Used in groups: [PaymentGrp](#)

### **170.2.3729 PaymentReceiveSide**

The side of the party receiving the payment.

Type: [int](#)

Allowed values in PaymentPaySideCodeSet:

Code	Name	Description
1	Buy	Buy
2	Sell	Sell

Used in groups: [PaymentGrp](#)

### **170.2.3730 PaymentRef**

"Settlement Payment Reference" - A free format Payment reference to assist with reconciliation, e.g. a Client and/or Order ID number.

Type: [String](#)

Used in groups: [SettlInstGrp](#)

### **170.2.3731 PaymentRemitterID**

Identifies sender of a payment, e.g. the payment remitter or a customer reference number.

Type: [String](#)

Used in groups: [SettlInstGrp](#)

### **170.2.3732 PaymentScheduleCurrency**

The currency for this step. Uses ISO 4217 currency codes.

Type: [Currency](#)

Used in groups: [PaymentScheduleGrp](#)

### **170.2.3733 PaymentScheduleEndDateUnadjusted**

The unadjusted end date of a cash flow payment.

Type: [LocalMktDate](#)

Used in groups: [PaymentScheduleGrp](#)

#### **170.2.3734 PaymentScheduleFixedAmount**

The explicit payment amount for this step schedule.

Type: **Amt**

Used in groups: **PaymentScheduleGrp**

#### **170.2.3735 PaymentScheduleFixedCurrency**

The currency of the fixed amount. Uses ISO 4217 currency codes.

Type: **Currency**

Used in groups: **PaymentScheduleGrp**

#### **170.2.3736 PaymentScheduleFixingDateAdjusted**

The adjusted fixing date.

Type: **LocalMktDate**

Used in groups: **PaymentScheduleGrp**

#### **170.2.3737 PaymentScheduleFixingDateBusinessCenter**

The business center calendar used to adjust the payment schedule's fixing date, e.g. "GBLO". See <http://www.fpml.org/coding-scheme/business-center> for standard 4-character code values.

Type: **String**

Used in groups: **PaymentScheduleFixingDateBusinessCenterGrp**

#### **170.2.3738 PaymentScheduleFixingDateBusinessCenterGrp**

**PaymentScheduleFixingDateBusinessCenterGrp** is a repeating subcomponent within the **PaymentScheduleGrp** component. It is used to specify the set of business centers whose calendars drive the date adjustment. Used only to override the business centers defined in the **DateAdjustment** component in **Instrument**.

Name	Mult.	Type	Description
NoPaymentScheduleFixingDateBusinessCenters	[1..1]	NumInGroup	
PaymentScheduleFixingDateBusinessCenter	[0..1]	String	Required if NoPaymentScheduleFixingDateBusinessCenters(40944) > 0.

Used in groups: [PaymentScheduleGrp](#)

### 170.2.3739 PaymentScheduleFixingDateBusinessDayConvention

The business day convention used to adjust the payment schedule's fixing date. Used only to override the business day convention specified in the DateAdjustment component within the Instrument component.

Type: [int](#)

Allowed values in BusinessDayConventionCodeSet:

Code	Name	Description
0	NotApplicable	Not applicable. Business day convention is not applicable.
1	None	None (current day)
2	FollowingDay	Following day. The following business day.
3	FloatingRateNote	Floating rate note. The FRN business day convention.
4	ModifiedFollowingDay	Modified following day. The modified following business day.
5	PrecedingDay	Preceding day. The preceding business day.
6	ModifiedPrecedingDay	Modified preceding day. The modified preceding business day.
7	NearestDay	Nearest day. The nearest applicable business day.

Used in groups: [PaymentScheduleGrp](#)

### 170.2.3740 PaymentScheduleFixingDateOffsetDayType

Specifies the day type of the relative fixing date offset.

Type: [int](#)

Allowed values in PaymentStreamPaymentDateOffsetDayTypeCodeSet:

---

Code	Name	Description
0	Business	Business
1	Calendar	Calendar
2	CommodityBusiness	Commodity business
3	CurrencyBusiness	Currency business
4	ExchangeBusiness	Exchange business
5	ScheduledTradingDay	Scheduled trading day

---

Used in groups: [PaymentScheduleGrp](#)

#### **170.2.3741 PaymentScheduleFixingDateOffsetPeriod**

Time unit multiplier for the relative fixing date offset.

Type: [int](#)

Used in groups: [PaymentScheduleGrp](#)

#### **170.2.3742 PaymentScheduleFixingDateOffsetUnit**

Time unit associated with the relative fixing date offset.

Type: [String](#)

Allowed values in PaymentStreamPaymentDateOffsetUnitCodeSet:

---

Code	Name	Description
D	Day	Day
Wk	Week	Week
Mo	Month	Month
Yr	Year	Year

---

Used in groups: [PaymentScheduleGrp](#)

#### **170.2.3743 PaymentScheduleFixingDateRelativeTo**

Specifies the anchor date when the fixing date is relative to an anchor date.



See [http://www.fixtradingcommunity.org/codelists#Relative\\_To\\_Date](http://www.fixtradingcommunity.org/codelists#Relative_To_Date) for values.

Type: **int**

Used in groups: **PaymentScheduleGrp**

#### **170.2.3744 PaymentScheduleFixingDateUnadjusted**

The unadjusted fixing date.

Type: **LocalMktDate**

Used in groups: **PaymentScheduleGrp**

#### **170.2.3745 PaymentScheduleFixingDayCount**

The number of days over which fixing should take place.

Type: **int**

Used in groups: **PaymentScheduleGrp**

#### **170.2.3746 PaymentScheduleFixingDayDistribution**

The distribution of fixing days.

Type: **int**

Allowed values in **PaymentStreamPricingDayDistributionCodeSet**:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	All	All
1	First	First
2	Last	Last
3	Penultimate	Penultimate

---

Used in groups: **PaymentScheduleGrp**

**170.2.3747 PaymentScheduleFixingDayGrp**

The PaymentScheduleFixingDayGrp is a repeating subcomponent of the PaymentScheduleGrp component used to detail periodic fixing days.

---

Name	Mult.	Type	Description
NoPaymentScheduleFixingDays	[1..1]	NumInGroup	
PaymentScheduleFixingDayOfWeek	[0..1]	CodeSet	Required if NoPaymentScheduleFixingDays(41161) > 0.
PaymentScheduleFixingDayNumber	[0..1]	int	

---

Used in groups: [PaymentScheduleGrp](#)

**170.2.3748 PaymentScheduleFixingDayNumber**

The occurrence of the day of week on which fixing takes place.

Type: [int](#)

Used in groups: [PaymentScheduleFixingDayGrp](#)

**170.2.3749 PaymentScheduleFixingDayOfWeek**

The day of the week on which fixing will take place.

Type: [int](#)

Allowed values in PaymentStreamPricingDayOfWeekCodeSet:

---

Code	Name	Description
0	EveryDay	Every day (the default if not specified)
1	Monday	Monday
2	Tuesday	Tuesday
3	Wednesday	Wednesday
4	Thursday	Thursday
5	Friday	Friday
6	Saturday	Saturday
7	Sunday	Sunday

---

Used in groups: [PaymentScheduleFixingDayGrp](#)

### **170.2.3750 PaymentScheduleFixingFirstObservationDateOffsetPeriod**

Time unit multiplier for the relative first observation date offset.

Type: [int](#)

Used in groups: [PaymentScheduleGrp](#)

### **170.2.3751 PaymentScheduleFixingFirstObservationDateOffsetUnit**

Time unit associated with the relative first observation date offset.

Type: [String](#)

Allowed values in PaymentStreamPaymentDateOffsetUnitCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
D	Day	Day
Wk	Week	Week
Mo	Month	Month
Yr	Year	Year

---

Used in groups: [PaymentScheduleGrp](#)

### **170.2.3752 PaymentScheduleFixingLagPeriod**

Time unit multiplier for the fixing lag duration.

Type: [int](#)

Used in groups: [PaymentScheduleGrp](#)

### **170.2.3753 PaymentScheduleFixingLagUnit**

Time unit associated with the fixing lag duration.

Type: [String](#)

Allowed values in PaymentStreamInflationLagUnitCodeSet:

---

Code	Name	Description
D	Day	Day
Wk	Week	Week
Mo	Month	Month
Yr	Year	Year

---

Used in groups: [PaymentScheduleGrp](#)

#### **170.2.3754 PaymentScheduleFixingTime**

The fixing time associated with the step schedule.

Type: [LocalMktTime](#)

Used in groups: [PaymentScheduleGrp](#)

#### **170.2.3755 PaymentScheduleFixingTimeBusinessCenter**

Business center for determining fixing time.

See <http://www.fpml.org/coding-scheme/business-center> for standard 4-character code values.

Type: [String](#)

Used in groups: [PaymentScheduleGrp](#)

#### **170.2.3756 PaymentScheduleGrp**

The PaymentScheduleGrp is a repeating subcomponent of the StreamGrp component used to specify notional and rate steps of the payment stream.

---

Name	Mult.	Type	Description
<a href="#">NoPaymentSchedules</a>	[1..1]	NumInGroup	
<a href="#">PaymentScheduleType</a>	[0..1]	CodeSet	Required if NoPaymentSchedules(40828) > 0.
<a href="#">PaymentScheduleXID</a>	[0..1]	XID	
<a href="#">PaymentScheduleXIDRef</a>	[0..1]	XIDREF	
<a href="#">PaymentScheduleStubType</a>	[0..1]	CodeSet	

---

Name	Mult.	Type	Description
PaymentScheduleStartDateUnadjusted	[0..1]	LocalMktDate	
PaymentScheduleEndDateUnadjusted	[0..1]	LocalMktDate	
PaymentSchedulePaySide	[0..1]	CodeSet	
PaymentScheduleReceiveSide	[0..1]	CodeSet	
PaymentScheduleNotional	[0..1]	Amt	
PaymentScheduleCurrency	[0..1]	Currency	
PaymentScheduleRate	[0..1]	Percentage	
PaymentScheduleRateMultiplier	[0..1]	float	
PaymentScheduleRateSpread	[0..1]	PriceOffset	
PaymentScheduleRateCurrency	[0..1]	Currency	
PaymentScheduleRateUnitOfMeasure	[0..1]	CodeSet	
PaymentScheduleRateConversionFactor	[0..1]	float	
PaymentScheduleRateSpreadType	[0..1]	CodeSet	
PaymentScheduleRateSpreadPositionType	[0..1]	CodeSet	
PaymentScheduleRateTreatment	[0..1]	CodeSet	
PaymentScheduleFixedAmount	[0..1]	Amt	
PaymentScheduleFixedCurrency	[0..1]	Currency	
PaymentScheduleSettlPeriodPrice	[0..1]	Price	
PaymentScheduleSettlPeriodPriceCurrency	[0..1]	Currency	
PaymentScheduleSettlPeriodPriceUnitOfMeasure	[0..1]	CodeSet	
PaymentScheduleStepUnitOfMeasure	[0..1]	CodeSet	
PaymentScheduleStepFrequencyPeriod	[0..1]	int	Conditionally required when PaymentScheduleStepFrequencyUnit(40845) is specified.
PaymentScheduleStepFrequencyUnit	[0..1]	CodeSet	Conditionally required when PaymentScheduleStepFrequencyPeriod(40844) is specified.
PaymentScheduleStepOffsetValue	[0..1]	Amt	
PaymentScheduleStepRate	[0..1]	Percentage	
PaymentScheduleStepOffsetRate	[0..1]	Percentage	
PaymentScheduleStepRelativeTo	[0..1]	CodeSet	

Name	Mult.	Type	Description
PaymentScheduleRateSourceGrp	[0..*]	Group	
PaymentScheduleFixingDateUnadjusted	[0..1]	LocalMktDate	
PaymentScheduleWeight	[0..1]	float	
PaymentScheduleFixingDateRelativeTo	[0..1]	int	
PaymentScheduleFixingDateBusinessDayConvention	[0..1]	CodeSet	When specified, this overrides the business day convention defined in the DateAdjustment component in Instrument. The specified value would be specific to this instance of the payment schedule.
PaymentScheduleFixingDateBusinessCenterGrp	[0..*]	Group	When specified, this overrides the business centers defined in the DateAdjustment component in Instrument. The specified values would be specific to this instance of the payment schedule.
PaymentScheduleFixingDateOffsetPeriod	[0..1]	int	Conditionally required when PaymentScheduleFixingDateOffsetUnit(40856) is specified.
PaymentScheduleFixingDateOffsetUnit	[0..1]	CodeSet	Conditionally required when PaymentScheduleFixingDateOffsetPeriod(40855) is specified.
PaymentScheduleFixingDateOffsetDayType	[0..1]	CodeSet	
PaymentScheduleFixingDayDistribution	[0..1]	CodeSet	
PaymentScheduleFixingDayCount	[0..1]	int	
PaymentScheduleFixingDateAdjusted	[0..1]	LocalMktDate	
PaymentScheduleFixingDayGrp	[0..*]	Group	
PaymentScheduleFixingLagPeriod	[0..1]	int	Conditionally required when PaymentScheduleFixingLagUnit(41177) is specified.
PaymentScheduleFixingLagUnit	[0..1]	CodeSet	Conditionally required when PaymentScheduleFixingLagPeriod(41176) is specified.
PaymentScheduleFixingFirstObservationDateOffsetPeriod	[0..1]	int	Conditionally required when PaymentScheduleFixingFirstObservationDateOffsetUnit(41179) is specified.
PaymentScheduleFixingFirstObservationDateOffsetUnit	[0..1]	CodeSet	Conditionally required when PaymentScheduleFixingFirstObservationDateOffsetPeriod(41178) is specified.

Name	Mult.	Type	Description
PaymentScheduleFixingTime	[0..1]	LocalMktTime	
PaymentScheduleFixingTimeBusiness-Center	[0..1]	String	
PaymentScheduleInterimExchange-PaymentDateRelativeTo	[0..1]	int	
PaymentScheduleInterimExchange-DatesBusinessDayConvention	[0..1]	CodeSet	When specified, this overrides the business day convention defined in the DateAdjustment component in Instrument. The specified value would be specific to this instance of the payment schedule.
PaymentScheduleInterimExchange-DateBusinessCenterGrp	[0..*]	Group	When specified, this overrides the business centers defined in the DateAdjustment component in Instrument. The specified values would be specific to this instance of the payment schedule.
PaymentScheduleInterimExchange-DatesOffsetPeriod	[0..1]	int	Conditionally required when PaymentScheduleInterimExchangeDatesOffsetUnit(40865) is specified.
PaymentScheduleInterimExchange-DatesOffsetUnit	[0..1]	CodeSet	Conditionally required when PaymentScheduleInterimExchangeDatesOffsetPeriod(40864) is specified.
PaymentScheduleInterimExchange-DatesOffsetDayType	[0..1]	CodeSet	
PaymentScheduleInterimExchange-DateAdjusted	[0..1]	LocalMktDate	

Used in groups: [StreamGrp](#)

### 170.2.3757 PaymentScheduleInterimExchangeDateAdjusted

The adjusted interim exchange date.

Type: [LocalMktDate](#)

Used in groups: [PaymentScheduleGrp](#)

### 170.2.3758 PaymentScheduleInterimExchangeDateBusinessCenterGrp

PaymentScheduleInterimExchangeDateBusinessCenterGrp is a repeating subcomponent within the PaymentScheduleGrp component. It is used to specify the set of business centers whose calendars

drive the date adjustment. Used only to override the business centers defined in the DateAdjustment component in Instrument.

Name	Mult.	Type	Description
NoPaymentScheduleInterimExchange-DateBusinessCenters	[1..1]	NumInGroup	
PaymentScheduleInterimExchange-DatesBusinessCenter	[0..1]	String	Required if NoPaymentScheduleInterimExchange-DateBusinessCenters(40945) > 0.

Used in groups: [PaymentScheduleGrp](#)

### 170.2.3759 PaymentScheduleInterimExchangeDatesBusinessCenter

The business center calendar used to adjust the payment schedule's interim exchange date, e.g. "GBLO".

See <http://www.fpml.org/coding-scheme/business-center> for standard 4-character code values.

Type: [String](#)

Used in groups: [PaymentScheduleInterimExchangeDateBusinessCenterGrp](#)

### 170.2.3760 PaymentScheduleInterimExchangeDatesBusinessDayConvention

The business day convention used to adjust the payment schedule's interim exchange date. Used only to override the business day convention specified in the DateAdjustment component within the Instrument component.

Type: [int](#)

Allowed values in BusinessDayConventionCodeSet:

Code	Name	Description
0	NotApplicable	Not applicable. Business day convention is not applicable.
1	None	None (current day)
2	FollowingDay	Following day. The following business day.
3	FloatingRateNote	Floating rate note. The FRN business day convention.
4	ModifiedFollowingDay	Modified following day. The modified following business day.
5	PrecedingDay	Preceding day. The preceding business day.



---

Code	Name	Description
6	ModifiedPrecedingDay	Modified preceding day. The modified preceding business day.
7	NearestDay	Nearest day. The nearest applicable business day.

---

Used in groups: [PaymentScheduleGrp](#)

### **170.2.3761 PaymentScheduleInterimExchangeDatesOffsetDayType**

Specifies the day type of the relative interim exchange date offset.

Type: [int](#)

Allowed values in PaymentStreamPaymentDateOffsetDayTypeCodeSet:

---

Code	Name	Description
0	Business	Business
1	Calendar	Calendar
2	CommodityBusiness	Commodity business
3	CurrencyBusiness	Currency business
4	ExchangeBusiness	Exchange business
5	ScheduledTradingDay	Scheduled trading day

---

Used in groups: [PaymentScheduleGrp](#)

### **170.2.3762 PaymentScheduleInterimExchangeDatesOffsetPeriod**

Time unit multiplier for the relative interim exchange date offset.

Type: [int](#)

Used in groups: [PaymentScheduleGrp](#)

### **170.2.3763 PaymentScheduleInterimExchangeDatesOffsetUnit**

Time unit associated with the relative interim exchange date offset.

Type: [String](#)

Allowed values in PaymentStreamPaymentDateOffsetUnitCodeSet:

---

Code	Name	Description
D	Day	Day
Wk	Week	Week
Mo	Month	Month
Yr	Year	Year

---

Used in groups: [PaymentScheduleGrp](#)

#### **170.2.3764 PaymentScheduleInterimExchangePaymentDateRelativeTo**

Specifies the anchor date when the interim exchange payment date is relative to an anchor date.

See [http://www.fixtradingcommunity.org/codelists#Relative\\_To\\_Date](http://www.fixtradingcommunity.org/codelists#Relative_To_Date) for values.

Type: [int](#)

Used in groups: [PaymentScheduleGrp](#)

#### **170.2.3765 PaymentScheduleNotional**

The notional value for this step, or amount of a cashflow payment.

Type: [Amt](#)

Used in groups: [PaymentScheduleGrp](#)

#### **170.2.3766 PaymentSchedulePaySide**

The side of the party paying the step schedule.

Type: [int](#)

Allowed values in PaymentPaySideCodeSet:

---

Code	Name	Description
1	Buy	Buy
2	Sell	Sell

---

Used in groups: [PaymentScheduleGrp](#)

#### **170.2.3767 PaymentScheduleRate**

The rate value for this step schedule.

Type: **Percentage**

Used in groups: **PaymentScheduleGrp**

#### **170.2.3768 PaymentScheduleRateConversionFactor**

The number to be multiplied by the derived floating rate of the payment schedule in order to arrive at the payment rate. If omitted, the schedule rate conversion factor is 1.

Type: **float**

Used in groups: **PaymentScheduleGrp**

#### **170.2.3769 PaymentScheduleRateCurrency**

The currency of the schedule rate. Uses ISO 4217 currency codes.

Type: **Currency**

Used in groups: **PaymentScheduleGrp**

#### **170.2.3770 PaymentScheduleRateMultiplier**

A rate multiplier to apply to the floating rate. The multiplier can be less than or greater than 1 (one). This element should only be included if the multiplier is not equal to 1 (one) for the term of the stream.

Type: **float**

Used in groups: **PaymentScheduleGrp**

#### **170.2.3771 PaymentScheduleRateSource**

Identifies the source of rate information.

Type: **int**

Allowed values in RateSourceCodeSet:

Code	Name	Description
0	Bloomberg	Bloomberg
1	Reuters	Reuters
2	Telerate	Telerate
3	ISDARateOption	ISDA Settlement Rate Option. The source of the currency conversion as specified by the ISDA terms in Annex A to the 1998 FX and Currency Option Definitions. See <a href="http://www.fpml.org/coding-scheme/settlement-rate-option">http://www.fpml.org/coding-scheme/settlement-rate-option</a>
99	Other	Other

Used in groups: [PaymentScheduleRateSourceGrp](#)

### 170.2.3772 PaymentScheduleRateSourceGrp

PaymentScheduleRateSourceGrp is a repeating component within the PaymentScheduleGrp component used to identify primary and secondary rate sources.

Name	Mult.	Type	Description
<a href="#">NoPaymentScheduleRateSources</a>	[1..1]	NumInGroup	
<a href="#">PaymentScheduleRateSource</a>	[0..1]	CodeSet	Required if <code>NoPaymentScheduleRateSources(40868) &gt; 0</code> .
<a href="#">PaymentScheduleRateSourceType</a>	[0..1]	CodeSet	Required if <code>NoPaymentScheduleRateSources(40868) &gt; 0</code> .
<a href="#">PaymentScheduleReferencePage</a>	[0..1]	String	Conditionally required when <code>PaymentScheduleRateSource(40869) = 99 (Other)</code>

Used in groups: [PaymentScheduleGrp](#)

### 170.2.3773 PaymentScheduleRateSourceType

Rate source type.

Type: `int`

Allowed values in RateSourceTypeCodeSet:

---

Code	Name	Description
0	Primary	Primary
1	Secondary	Secondary

---

Used in groups: [PaymentScheduleRateSourceGrp](#)

#### **170.2.3774 PaymentScheduleRateSpread**

The spread value for this step schedule.

Type: [PriceOffset](#)

Used in groups: [PaymentScheduleGrp](#)

#### **170.2.3775 PaymentScheduleRateSpreadPositionType**

Identifies whether the rate spread is applied to a long or short position.

Type: [int](#)

Allowed values in [PaymentStreamRateSpreadPositionTypeCodeSet](#):

---

Code	Name	Description
0	Short	Short
1	Long	Long

---

Used in groups: [PaymentScheduleGrp](#)

#### **170.2.3776 PaymentScheduleRateSpreadType**

Identifies whether the rate spread is an absolute value to be added to the index rate or a percentage of the index rate.

Type: [int](#)

Allowed values in [PaymentStreamRateSpreadTypeCodeSet](#):

---

Code	Name	Description
0	Absolute	Absolute
1	Percentage	Percentage

---

Used in groups: [PaymentScheduleGrp](#)

### 170.2.3777 PaymentScheduleRateTreatment

Specifies the yield calculation treatment for the step schedule.

Type: [int](#)

Allowed values in PaymentStreamRateTreatmentCodeSet:

---

Code	Name	Description
0	BondEquivalentYield	Bond equivalent yield
1	MoneyMarketYield	Money market yield

---

Used in groups: [PaymentScheduleGrp](#)

### 170.2.3778 PaymentScheduleRateUnitOfMeasure

The schedule rate unit of measure (UOM).

Type: [String](#)

Allowed values in UnitOfMeasureCodeSet:

---

Code	Name	Description
Alw	Allowances	Allowances
Bcf	BillionCubicFeet	Billion cubic feet
Bbl	Barrels	Barrels. Equal to 42 US gallons
CBM	CubicMeters	Cubic Meters
BDFT	BoardFeet	Board feet. Equal to 144 cubic inches
GJ	Gigajoules	gigajoules
Bu	Bushels	Bushels

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
kHR	HeatRate	Heat rate. The number of BTUs required to produce one kilowatt hour of electricity, typically 3,412.14 BTUs per 1 kWh.
Ccy	Currency	Amount of currency
kWh	KilowattHours	Kilowatt hours
CDD	CoolingDegreeDay	Cooling degree day
MHR	MegaHeatRate	Mega heat rate. The number of million BTUs required to produce one megawatt hour of electricity, typically 3.41214 million BTUs per 1 MWh.
CER	CertifiedEmissionsReduction	Certified emissions reduction
MMBtu	OneMillionBTU	One Million BTU
CPD	CriticalPrecipDay	Critical precipitation day
MWh	MegawattHours	Megawatt hours
CRT	ClimateReserveTonnes	Climate reserve tonnes
thm	Therms	therms. Equal to 100,000 BTU
cwt	Hundredweight	Hundredweight(US). Equal to 100 lbs
tnCO2	TonsOfCarbonDioxide	Tons of carbon dioxide
day	Day	Days
dt	DryMetricTons	Dry metric tons
EnvAllwnc	EnvAllwncCert	Environmental allowance certificates
EnvCrd	EnvironmentalCredit	Environmental credit
EnvOfst	EnvironmentalOffset	Environmental Offset
g	Grams	Grams
Gal	Gallons	Gallons
GT	GrossTons	Gross tons. Also known as long tons or imperial tons, equal to 2240 lbs
HDD	HeatingDegreeDay	Heating degree day
IPNT	IndexPoint	Index point
kg	Kilograms	Kilograms
kL	Kiloliters	kiloliters
kW-a	KilowattYear	Kilowatt year (electrical capacity)
kW-d	KilowattDay	Kilowatt day (electrical capacity)
kW-h	KilowattHour	Kilowatt hour (electrical capacity)
kW-M	KilowattMonth	Kilowatt month (electrical capacity)
kW-min	KilowattMinute	Kilowatt-Minute (electrical capacity)
L	Liters	liters

<b>Code</b>	<b>Name</b>	<b>Description</b>
lbs	Pounds	pounds
MW-a	MegawattYear	Megawatt year (electrical capacity)
MW-d	MegawattDay	Megawatt day (electrical capacity)
MW-h	MegawattHour	Megawatt hour (electrical capacity)
MW-M	MegawattMonth	Megawatt month (electrical capacity)
MW-min	MegawattMinute	Megawatt minute (electrical capacity)
oz_tr	TroyOunces	Troy ounces
PRINC	PrincipalWithRelationToDebtInstrument	Principal with relation to debt instrument
t	MetricTons	Metric tons. Also known as Tonnes, equal to 1000 kg
tn	Tons	Tons (US). Equal to 2000 lbs
a	Are	Are
ac	Acre	Acre
cL	Centiliter	Centiliter
cM	Centimeter	Centimeter
DGE	DieselGallonEquivalent	Diesel gallon equivalent
ft	Foot	Foot
Gal_gb	GBGallon	GB Gallon
GGE	GasolineGallonEquivalent	Gasonline gallon equivalent
ha	Hectare	Hectare
in	Inch	Inch
kM	Kilometer	Kilometer
M	Meter	Meter
mi	Mile	Mile
mL	Milliliter	Milliliter
mM	Millimeter	Millimeter
oz	USOunce	US ounce
pc	Piece	Piece
pt	USPint	US Pint
pt_gb	GBPint	GB pint
qt	USQuart	US Quart
qt_gb	GBQuart	GB Quart
SqcM	SquareCentimeter	Square centimeter
Sqft	SquareFoot	Square foot



Code	Name	Description
Sqin	SquareInch	Square inch
SqkM	SquareKilometer	Square kilometer
SqM	SquareMeter	Square meter
Sqmi	SquareMile	Square mile
SqmM	SquareMillimeter	Square millimeter
Sqyd	SquareYard	Square yard
yd	Yard	Yard
MMbbl	MillionBarrels	Million Barrels
USD	USDollars	US Dollars

Used in groups: [PaymentScheduleGrp](#)

#### 170.2.3779 PaymentScheduleReceiveSide

The side of the party receiving the stepf schedule.

Type: [int](#)

Allowed values in PaymentPaySideCodeSet:

Code	Name	Description
1	Buy	Buy
2	Sell	Sell

Used in groups: [PaymentScheduleGrp](#)

#### 170.2.3780 PaymentScheduleReferencePage

Identifies the reference “page” from the rate source.

For FX, the reference page to the spot rate to be used for the reference FX spot rate.

When RateSource(1446) = 3 (ISDA Settlement Rate Option) this contains the value from the scheme that reflects the terms of the Annex A to the ISDA 1998 FX and Currency Option Definitions. See: <http://www.fpml.org/coding-scheme/settlement-rate-option>

Type: [String](#)

Used in groups: [PaymentScheduleRateSourceGrp](#)

**170.2.3781 PaymentScheduleSettlPeriodPrice**

The schedule settlement period price.

Type: **Price**

Used in groups: **PaymentScheduleGrp**

**170.2.3782 PaymentScheduleSettlPeriodPriceCurrency**

Specifies the currency of the schedule settlement period price. Uses ISO 4217 currency codes.

Type: **Currency**

Used in groups: **PaymentScheduleGrp**

**170.2.3783 PaymentScheduleSettlPeriodPriceUnitOfMeasure**

The settlement period price unit of measure (UOM).

Type: **String**

Allowed values in UnitOfMeasureCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
Alw	Allowances	Allowances
Bcf	BillionCubicFeet	Billion cubic feet
Bbl	Barrels	Barrels. Equal to 42 US gallons
CBM	CubicMeters	Cubic Meters
BDFT	BoardFeet	Board feet. Equal to 144 cubic inches
GJ	Gigajoules	gigajoules
Bu	Bushels	Bushels
kHR	HeatRate	Heat rate. The number of BTUs required to produce one kilowatt hour of electricity, typically 3,412.14 BTUs per 1 kWh.
Ccy	Currency	Amount of currency
kWh	KilowattHours	Kilowatt hours
CDD	CoolingDegreeDay	Cooling degree day
MHR	MegaHeatRate	Mega heat rate. The number of million BTUs required to produce one megawatt hour of electricity, typically 3.41214 million BTUs per 1 MWh.
CER	CertifiedEmissionsReduction	Certified emissions reduction

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
MMBtu	OneMillionBTU	One Million BTU
CPD	CriticalPrecipDay	Critical precipitation day
MWh	MegawattHours	Megawatt hours
CRT	ClimateReserveTonnes	Climate reserve tonnes
thm	Therms	therms. Equal to 100,000 BTU
cwt	Hundredweight	Hundredweight(US). Equal to 100 lbs
tnCO2	TonsOfCarbonDioxide	Tons of carbon dioxide
day	Day	Days
dt	DryMetricTons	Dry metric tons
EnvAllwnc	EnvAllwncCert	Environmental allowance certificates
EnvCrd	EnvironmentalCredit	Environmental credit
EnvOfst	EnvironmentalOffset	Environmental Offset
g	Grams	Grams
Gal	Gallons	Gallons
GT	GrossTons	Gross tons. Also known as long tons or imperial tons, equal to 2240 lbs
HDD	HeatingDegreeDay	Heating degree day
IPNT	IndexPoint	Index point
kg	Kilograms	Kilograms
kL	Kiloliters	kiloliters
kW-a	KilowattYear	Kilowatt year (electrical capacity)
kW-d	KilowattDay	Kilowatt day (electrical capacity)
kW-h	KilowattHour	Kilowatt hour (electrical capacity)
kW-M	KilowattMonth	Kilowatt month (electrical capacity)
kW-min	KilowattMinute	Kilowatt-Minute (electrical capacity)
L	Liters	liters
lbs	Pounds	pounds
MW-a	MegawattYear	Megawatt year (electrical capacity)
MW-d	MegawattDay	Megawatt day (electrical capacity)
MW-h	MegawattHour	Megawatt hour (electrical capacity)
MW-M	MegawattMonth	Megawatt month (electrical capacity)
MW-min	MegawattMinute	Megawatt minute (electrical capacity)
oz_tr	TroyOunces	Troy ounces
PRINC	PrincipalWithRelationToDebtInstru- ment	Principal with relation to debt instrument

<b>Code</b>	<b>Name</b>	<b>Description</b>
t	MetricTons	Metric tons. Also known as Tonnes, equal to 1000 kg
tn	Tons	Tons (US). Equal to 2000 lbs
a	Are	Are
ac	Acre	Acre
cL	Centiliter	Centiliter
cM	Centimeter	Centimeter
DGE	DieselGallonEquivalent	Diesel gallon equivalent
ft	Foot	Foot
Gal_gb	GBGallon	GB Gallon
GGE	GasolineGallonEquivalent	Gasonline gallon equivalent
ha	Hectare	Hectare
in	Inch	Inch
kM	Kilometer	Kilometer
M	Meter	Meter
mi	Mile	Mile
mL	Milliliter	Milliliter
mM	Millimeter	Millimeter
oz	USOunce	US ounce
pc	Piece	Piece
pt	USPint	US Pint
pt_gb	GBPint	GB pint
qt	USQuart	US Quart
qt_gb	GBQuart	GB Quart
SqcM	SquareCentimeter	Square centimeter
Sqft	SquareFoot	Square foot
Sqin	SquareInch	Square inch
SqkM	SquareKilometer	Square kilometer
SqM	SquareMeter	Square meter
Sqmi	SquareMile	Square mile
SqmM	SquareMillimeter	Square millimeter
Sqyd	SquareYard	Square yard
yd	Yard	Yard
MMbbl	MillionBarrels	Million Barrels
USD	USDollars	US Dollars

Used in groups: [PaymentScheduleGrp](#)

### **170.2.3784 PaymentScheduleStartDateUnadjusted**

The date on which the value is adjusted, or calculated if a future value notional for certain non-deliverable interest rate swaps (e.g. Brazillian Real (BRL) vs. CETIP Interbank Deposit Rate (CDI)), or the start date of a cashflow payment.

Type: [LocalMktDate](#)

Used in groups: [PaymentScheduleGrp](#)

### **170.2.3785 PaymentScheduleStepFrequencyPeriod**

Time unit multiplier for the step frequency.

Type: [int](#)

Used in groups: [PaymentScheduleGrp](#)

### **170.2.3786 PaymentScheduleStepFrequencyUnit**

Time unit associated with the step frequency.

Type: [String](#)

Allowed values in CouponFrequencyUnitCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
D	Day	Day
Wk	Week	Week
Mo	Month	Month
Yr	Year	Year
H	Hour	Hour
Min	Minute	Minute
S	Second	Second
T	Term	Term

---

Used in groups: [PaymentScheduleGrp](#)

**170.2.3787 PaymentScheduleStepOffsetRate**

The explicit amount that the rate changes on each step date. This can be a positive or negative value.

Type: **Percentage**

Used in groups: **PaymentScheduleGrp**

**170.2.3788 PaymentScheduleStepOffsetValue**

The explicit amount that the notional changes on each step date. This can be a positive or negative amount.

Type: **Amt**

Used in groups: **PaymentScheduleGrp**

**170.2.3789 PaymentScheduleStepRate**

The percentage by which the notional changes on each step date. The percentage is either a percentage applied to the initial notional amount or the previous outstanding notional, depending on the value specified in PaymentScheduleStepRelativeTo(40849). The percentage can be either positive or negative.

Type: **Percentage**

Used in groups: **PaymentScheduleGrp**

**170.2.3790 PaymentScheduleStepRelativeTo**

Specifies whether the PaymentScheduleStepRate(40847) or PaymentScheduleStepOffsetValue(40846) should be applied to the initial notional or the previous notional in order to calculate the notional step change amount.

Type: **int**

Allowed values in PaymentScheduleStepRelativeToCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	Initial	Initial
1	Previous	Previous

---

Used in groups: **PaymentScheduleGrp**

**170.2.3791 PaymentScheduleStepUnitOfMeasure**

The schedule step unit of measure (UOM).

Type: **String**

Allowed values in UnitOfMeasureCodeSet:

<b>Code</b>	<b>Name</b>	<b>Description</b>
Alw	Allowances	Allowances
Bcf	BillionCubicFeet	Billion cubic feet
Bbl	Barrels	Barrels. Equal to 42 US gallons
CBM	CubicMeters	Cubic Meters
BDFT	BoardFeet	Board feet. Equal to 144 cubic inches
GJ	Gigajoules	gigajoules
Bu	Bushels	Bushels
kHR	HeatRate	Heat rate. The number of BTUs required to produce one kilowatt hour of electricity, typically 3,412.14 BTUs per 1 kWh.
Ccy	Currency	Amount of currency
kWh	KilowattHours	Kilowatt hours
CDD	CoolingDegreeDay	Cooling degree day
MHR	MegaHeatRate	Mega heat rate. The number of million BTUs required to produce one megawatt hour of electricity, typically 3.41214 million BTUs per 1 MWh.
CER	CertifiedEmissionsReduction	Certified emissions reduction
MMBtu	OneMillionBTU	One Million BTU
CPD	CriticalPrecipDay	Critical precipitation day
MWh	MegawattHours	Megawatt hours
CRT	ClimateReserveTonnes	Climate reserve tonnes
thm	Therms	therms. Equal to 100,000 BTU
cwt	Hundredweight	Hundredweight(US). Equal to 100 lbs
tnCO2	TonsOfCarbonDioxide	Tons of carbon dioxide
day	Day	Days
dt	DryMetricTons	Dry metric tons
EnvAllwnc	EnvAllwncCert	Environmental allowance certificates
EnvCrd	EnvironmentalCredit	Environmental credit
EnvOfst	EnvironmentalOffset	Environmental Offset
g	Grams	Grams

<b>Code</b>	<b>Name</b>	<b>Description</b>
Gal	Gallons	Gallons
GT	GrossTons	Gross tons. Also known as long tons or imperial tons, equal to 2240 lbs
HDD	HeatingDegreeDay	Heating degree day
IPNT	IndexPoint	Index point
kg	Kilograms	Kilograms
kL	Kiloliters	kiloliters
kW-a	KilowattYear	Kilowatt year (electrical capacity)
kW-d	KilowattDay	Kilowatt day (electrical capacity)
kW-h	KilowattHour	Kilowatt hour (electrical capacity)
kW-M	KilowattMonth	Kilowatt month (electrical capacity)
kW-min	KilowattMinute	Kilowatt-Minute (electrical capacity)
L	Liters	liters
lbs	Pounds	pounds
MW-a	MegawattYear	Megawatt year (electrical capacity)
MW-d	MegawattDay	Megawatt day (electrical capacity)
MW-h	MegawattHour	Megawatt hour (electrical capacity)
MW-M	MegawattMonth	Megawatt month (electrical capacity)
MW-min	MegawattMinute	Megawatt minute (electrical capacity)
oz_tr	TroyOunces	Troy ounces
PRINC	PrincipalWithRelationToDebtInstrument	Principal with relation to debt instrument
t	MetricTons	Metric tons. Also known as Tonnes, equal to 1000 kg
tn	Tons	Tons (US). Equal to 2000 lbs
a	Are	Are
ac	Acre	Acre
cL	Centiliter	Centiliter
cM	Centimeter	Centimeter
DGE	DieselGallonEquivalent	Diesel gallon equivalent
ft	Foot	Foot
Gal_gb	GBGallon	GB Gallon
GGE	GasolineGallonEquivalent	Gasonline gallon equivalent
ha	Hectare	Hectare
in	Inch	Inch
kM	Kilometer	Kilometer



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<b>Code</b>	<b>Name</b>	<b>Description</b>
M	Meter	Meter
mi	Mile	Mile
mL	Milliliter	Milliliter
mM	Millimeter	Millimeter
oz	USOunce	US ounce
pc	Piece	Piece
pt	USPint	US Pint
pt_gb	GBPint	GB pint
qt	USQuart	US Quart
qt_gb	GBQuart	GB Quart
SqcM	SquareCentimeter	Square centimeter
Sqft	SquareFoot	Square foot
Sqin	SquareInch	Square inch
SqkM	SquareKilometer	Square kilometer
SqM	SquareMeter	Square meter
Sqmi	SquareMile	Square mile
SqmM	SquareMillimeter	Square millimeter
Sqyd	SquareYard	Square yard
yd	Yard	Yard
MMbbl	MillionBarrels	Million Barrels
USD	USDollars	US Dollars

---

Used in groups: [PaymentScheduleGrp](#)

### **170.2.3792 PaymentScheduleStubType**

Indicates to which stub this schedule applies.

Type: [int](#)

Allowed values in PaymentStubTypeCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	Initial	Initial
1	Final	Final

---

Code	Name	Description
2	CompoundingInitial	Compounding initial
3	CompoundingFinal	Compounding final

Used in groups: [PaymentScheduleGrp](#)

### 170.2.3793 PaymentScheduleType

Type of schedule.

Type: [int](#)

Allowed values in PaymentScheduleTypeCodeSet:

Code	Name	Description
0	Notional	Notional
1	CashFlow	Cash flow
2	FXLinkedNotional	FX linked notional
3	FixedRate	Fixed rate
4	FutureValueNotional	Future value notional
5	KnownAmount	Known amount
6	FloatingRateMultiplier	Floating rate multiplier
7	Spread	Spread
8	CapRate	Cap rate
9	FloorRate	Floor rate
10	NonDeliverableSettlPaymentDates	Non-deliverable settlement payment dates
11	NonDeliverableSettlCalculation-Dates	Non-deliverable settlement calculation dates
12	NonDeliverableFXFixingDates	Non-deliverable fixing dates.
13	SettlPeriodNotnl	Settlement period notional
14	SettlPeriodPx	Settlement period price
15	CalcPeriod	Calculation period
16	DividendAccrualRateMultiplier	Dividend accrual rate multiplier
17	DividendAccrualRateSpread	Dividend accrual rate spread
18	DividendAccrualCapRate	Dividend accrual cap rate
19	DividendAccrualFloorRate	Dividend accrual floor rate

Code	Name	Description
20	CompoundingRateMultiplier	Compounding rate multiplier
21	CompoundingRateSpread	Compounding rate spread
22	CompoundingCapRate	Compounding cap rate
23	CompoundingFloorRate	Compounding floor rate

---

Used in groups: [PaymentScheduleGrp](#)

#### **170.2.3794 PaymentScheduleWeight**

Floating rate observation weight for cashflow payment.

Type: [float](#)

Used in groups: [PaymentScheduleGrp](#)

#### **170.2.3795 PaymentScheduleXID**

Identifier of this PaymentSchedule for cross referencing elsewhere in the message.

Type: [XID](#)

Used in groups: [PaymentScheduleGrp](#)

#### **170.2.3796 PaymentScheduleXIDRef**

Reference to payment schedule elsewhere in the message.

Type: [XIDREF](#)

Used in groups: [PaymentScheduleGrp](#)

#### **170.2.3797 PaymentSettlAmount**

The payment settlement amount.

Type: [Amt](#)

Used in groups: [PaymentSettlGrp](#)

**170.2.3798 PaymentSettlCurrency**

Specifies the currency the PaymentSettlAmount(40231) is denominated in. Uses ISO 4217 currency codes.

Type: **Currency**

Used in groups: **PaymentSettlGrp**

**170.2.3799 PaymentSettlGrp**

The PaymentSettlGrp is a repeating subcomponent of the PaymentGrp component used to report payment settlement as a single or split payment.

---

<b>Name</b>	<b>Mult.</b>	<b>Type</b>	<b>Description</b>
NoPaymentSettls	[1..1]	NumInGroup	
PaymentSettlAmount	[0..1]	Amt	Required if NoPaymentSettls(40230) > 0.
PaymentSettlCurrency	[0..1]	Currency	
PaymentSettlParties	[0..*]	Group	

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Used in groups: **PaymentGrp**

**170.2.3800 PaymentSettlParties**

PaymentSettlParties is a repeating subcomponent of the PaymentSettlGrp component used to report payment settlement routing.

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<b>Name</b>	<b>Mult.</b>	<b>Type</b>	<b>Description</b>
NoPaymentSettlPartyIDs	[1..1]	NumInGroup	
PaymentSettlPartyID	[0..1]	String	Required if NoPaymentSettlPartyIDs(40233) > 0.
PaymentSettlPartyIDSource	[0..1]	CodeSet	Required if NoPaymentSettlPartyIDs(40233) > 0.
PaymentSettlPartyRole	[0..1]	CodeSet	Required if NoPaymentSettlPartyIDs(40233) > 0.
PaymentSettlPartyRoleQualifier	[0..1]	CodeSet	
PaymentSettlPtysSubGrp	[0..*]	Group	

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Used in groups: **PaymentSettlGrp**

**170.2.3801 PaymentSettlPartyID**

The payment settlement party identifier.

Type: **String**

Used in groups: **PaymentSettlParties**

**170.2.3802 PaymentSettlPartyIDSource**

Identifies the class or source of PaymentSettlPartyID(40234) value (e.g. BIC).

Type: **char**

Allowed values in PartyIDSourceCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
1	KoreanInvestorID	Korean Investor ID
6	UKNationalInsuranceOrPension-Number	UK National Insurance or Pension Number
B	BIC	BIC (Bank Identification Code - SWIFT managed) code (ISO9362 - See "Appendix 6-B")
I	ISITCAcronym	Directed broker three character acronym as defined in ISITC "ETC Best Practice" guidelines document
2	TaiwaneseForeignInvestorID	Taiwanese Qualified Foreign Investor ID QFII/FID
7	USSocialSecurityNumber	US Social Security Number
C	GeneralIdentifier	Generally accepted market participant identifier (e.g. NASD mnemonic)
3	TaiwaneseTradingAcct	Taiwanese Trading Acct
8	USEmployerOrTaxIDNumber	US Employer or Tax ID Number
D	Proprietary	Proprietary / Custom code. Custom ID schema used between counterparties, trading platforms and repositories.
4	MalaysianCentralDepository	Malaysian Central Depository (MCD) number
9	AustralianBusinessNumber	Australian Business Number
E	ISOCountryCode	ISO Country Code
5	ChineseInvestorID	Chinese Investor ID
A	AustralianTaxFileNumber	Australian Tax File Number
F	SettlementEntityLocation	Settlement Entity Location (note if Local Market Settlement use "E=ISO Country Code") (see "Appendix 6-G" for valid values)
G	MIC	Market Identifier Code (ISO 10383) MIC

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Code	Name	Description
J	TaxID	Tax ID
H	CSDParticipant	CSD participant/member code (e.g. Euroclear, DTC, CREST or Kassenverein number)
K	AustralianCompanyNumber	Australian Company Number
L	AustralianRegisteredBodyNumber	Australian Registered Body Number
M	CFTCReportingFirmIdentifier	CFTC reporting firm identifier
N	LegalEntityIdentifier	Legal Entity Identifier (ISO 17442) LEI
O	InterimIdentifier	Interim identifier. An interim entity identifier assigned by a regulatory agency prior to an LEI (ISO 17442) being assigned.
P	ShortCodeIdentifier	Short code identifier. A generic means for trading venues, brokers, investment managers to convey a bilaterally agreed upon "short hand" code for an identifier that is a reference to a mapping between the parties.
Q	NationalIDNaturalPerson	National ID of natural person. An identification number generally assigned by a government authority or agency to a natural person which is unique to the person it is assigned to. Examples include, but not limited to, "social security number", "pension number".
R	IndiaPermanentAccountNumber	India Permanent Account Number. Also referred to as PAN ID. An identifier issued by the Income Tax Department of India.
S	FDID	Firm designated identifier. Also referred to as FDID. A unique identifier required by the SEC for each trading account designated by Industry Members for purposes of reporting to CAT (Consolidated Audit Trail).
T	SPSAID	Special Segregated Account ID. Also referred to as SPSA ID. The Special Segregated Account identifier issued by Hong Kong Exchanges and Clearing.
U	MasterSPSAID	Master Special Segregated Account ID. Also referred to as Master SPSA ID. The master identifier issued by Hong Kong Exchanges and Clearing for the aggregation of SPSA IDs.

Used in groups: [PaymentSettlParties](#)

### 170.2.3803 PaymentSettlPartyRole

Identifies the role of PaymentSettlPartyID(40234) (e.g. the beneficiary's bank or depository institution).

Type: [int](#)

## Allowed values in PartyRoleCodeSet:

<b>Code</b>	<b>Name</b>	<b>Description</b>
1	ExecutingFirm	Executing Firm (formerly FIX 4.2 ExecBroker)
2	BrokerOfCredit	Broker of Credit (formerly FIX 4.2 BrokerOfCredit)
3	ClientID	Client ID (formerly FIX 4.2 ClientID)
4	ClearingFirm	Clearing Firm (formerly FIX 4.2 ClearingFirm)
5	InvestorID	Investor ID
6	IntroducingFirm	Introducing Firm
7	EnteringFirm	Entering Firm
8	Locate	Locate / Lending Firm (for short-sales)
9	FundManagerClientID	Fund Manager Client ID (for CIV)
10	SettlementLocation	Settlement Location (formerly FIX 4.2 SettlLocation)
11	OrderOriginationTrader	Order Origination Trader (associated with Order Origination Firm - i.e. trader who initiates/submits the order)
12	ExecutingTrader	Executing Trader (associated with Executing Firm - actually executes)
13	OrderOriginationFirm	Order Origination Firm (e.g. buy-side firm)
14	GiveupClearingFirmDepr	Giveup Clearing Firm (firm to which trade is given up)
15	CorrespondantClearingFirm	Correspondant Clearing Firm
16	ExecutingSystem	Executing System
17	ContraFirm	Contra Firm
18	ContraClearingFirm	Contra Clearing Firm
19	SponsoringFirm	Sponsoring Firm
20	UnderlyingContraFirm	Underlying Contra Firm
21	ClearingOrganization	Clearing Organization
22	Exchange	Exchange. Identify using PartyIDSource(tag 447) = G (Market Identifier Code) if the MIC exists.
24	CustomerAccount	Customer Account
25	CorrespondentClearingOrganization	Correspondent Clearing Organization
26	CorrespondentBroker	Correspondent Broker
27	Buyer	Buyer/Seller (Receiver/Deliverer)
28	Custodian	Custodian
29	Intermediary	Intermediary
30	Agent	Agent
31	SubCustodian	Sub-custodian

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<b>Code</b>	<b>Name</b>	<b>Description</b>
32	Beneficiary	Beneficiary
33	InterestedParty	Interested party
34	RegulatoryBody	Regulatory body. In the context of regulatory reporting, this identifies the regulator the trade is being reported to.
35	LiquidityProvider	Liquidity provider
36	EnteringTrader	Entering trader
37	ContraTrader	Contra trader
38	PositionAccount	Position account. The account which positions are maintained. Typically represents the aggregation of one or more customer accounts.
39	ContraInvestorID	Contra Investor ID
40	TransferToFirm	Transfer to Firm
41	ContraPositionAccount	Contra Position Account
42	ContraExchange	Contra Exchange
43	InternalCarryAccount	Internal Carry Account
44	OrderEntryOperatorID	Order Entry Operator ID
45	SecondaryAccountNumber	Secondary Account Number
46	ForeignFirm	Foreign Firm
47	ThirdPartyAllocationFirm	Third Party Allocation Firm
48	ClaimingAccount	Claiming Account
49	AssetManager	Asset Manager
50	PledgorAccount	Pledgor Account
51	PledgeeAccount	Pledgee Account
52	LargeTraderReportableAccount	Large Trader Reportable Account
53	TraderMnemonic	Trader mnemonic
54	SenderLocation	Sender Location
55	SessionID	Session ID
56	AcceptableCounterparty	Acceptable Counterparty
57	UnacceptableCounterparty	Unacceptable Counterparty
58	EnteringUnit	Entering Unit
59	ExecutingUnit	Executing Unit
60	IntroducingBroker	Introducing Broker
61	QuoteOriginator	Quote originator
62	ReportOriginator	Report originator
63	SystematicInternaliser	Systematic internaliser (SI)

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<b>Code</b>	<b>Name</b>	<b>Description</b>
64	MultilateralTradingFacility	Multilateral Trading Facility (MTF). Identify using PartyIDSource(tag 447) = G (Market Identifier Code) if the MIC exists.
65	RegulatedMarket	Regulated Market (RM). Identify using PartyIDSource(tag 447) = G (Market Identifier Code) if the MIC exists.
66	MarketMaker	Market Maker
67	InvestmentFirm	Investment Firm
68	HostCompetentAuthority	Host Competent Authority (Host CA)
69	HomeCompetentAuthority	Home Competent Authority (Home CA)
70	CompetentAuthorityLiquidity	Competent Authority of the most relevant market in terms of liquidity (CAL)
71	CompetentAuthorityTransactionVenue	Competent Authority of the Transaction (Execution) Venue (CATV)
72	ReportingIntermediary	Reporting intermediary. The medium or vendor used to report to a regulator, non-regulatory agency or data repository.
73	ExecutionVenue	Execution Venue. Identify using PartyIDSource(tag 447) = G (Market Identifier Code) if the MIC exists.
74	MarketDataEntryOriginator	Market data entry originator
75	LocationID	Location ID
76	DeskID	Desk ID
77	MarketDataMarket	Market data market
78	AllocationEntity	Allocation Entity
79	PrimeBroker	Prime Broker providing General Trade Services
80	StepOutFirm	Step-Out Firm (Prime Broker)
81	BrokerClearingID	Broker clearing identifier
82	CentralRegistrationDepository	Central Registration Depository (CRD)
83	ClearingAccount	Clearing Account
84	AcceptableSettlingCounterparty	Acceptable Settling Counterparty
85	UnacceptableSettlingCounterparty	Unacceptable Settling Counterparty
86	CLSMemberBank	CLS Member Bank
87	InConcertGroup	In Concert Group
88	InConcertControllingEntity	In Concert Controlling Entity
89	LargePositionsReportingAccount	Large Positions Reporting Account
90	SettlementFirm	Settlement Firm

Code	Name	Description
91	SettlementAccount	Settlement account. The account to which individual payment obligations are aggregated for netting and funds movement. Typically represents the aggregation of many margin (performance bond) accounts.
92	ReportingMarketCenter	Reporting Market Center
93	RelatedReportingMarketCenter	Related Reporting Market Center
94	AwayMarket	Away Market. Identify using PartyIDSource(tag 447) = G (Market Identifier Code) if the MIC exists.
95	GiveupTradingFirm	Give-up (trading) firm
96	TakeupTradingFirm	Take-up (trading) firm
97	GiveupClearingFirm	Give-up clearing firm
98	TakeupClearingFirm	Take-up clearing firm
99	OriginatingMarket	Originating Market. Identifies the Market using PartyIDSource(tag 447) = G (Market Identifier Code) where an order originated in the event that the order is sent to an alternative market for execution. Serves as an inverse of an away market.
100	MarginAccount	Margin account. Also referred to as "performance bond account". The margin account is the calculated margin requirements. Typically represents the aggregation of one or more position accounts.
101	CollateralAssetAccount	Collateral asset account. The account at which individual collateral assets are maintained. Typically, although not always, one-for-one with the settlement account.
102	DataRepository	Data repository. Multiple instances of this PartyRole may appear for reporting purposes.
103	CalculationAgent	Calculation agent
104	ExerciseNoticeSender	Sender of exercise notice
105	ExerciseNoticeReceiver	Receiver of exercise notice
106	RateReferenceBank	Rate reference bank. The bank providing the reference rate. Multiple instance of this PartyRole may appear.
107	Correspondent	Correspondent
109	BeneficiaryBank	Beneficiary's bank or depository institution. The institution in which the beneficiary, a person or an entity, has their account with. The institution may be a bank or non-bank institution.
110	Borrower	Borrower
111	PrimaryObligator	Primary obligator
112	Guarantor	Guarantor

<b>Code</b>	<b>Name</b>	<b>Description</b>
113	ExcludedReferenceEntity	Excluded reference entity
114	DeterminingParty	Determining party
115	HedgingParty	Hedging party
116	ReportingEntity	Reporting entity. The entity that is reporting the information.
117	SalesPerson	Sales person. The person who is involved in the sales activities for their firm.
118	Operator	Operator. The person who has the capabilities and authorization to take certain actions; for example, setting entitlements, etc.
119	CSD	Central Securities Depository (CSD)
120	ICSD	International Central Securities Depository (ICSD)
121	TradingSubAccount	Trading sub-account. Example of sub-accounts include a clearing account that has multiple trading sub-accounts, a trading account that has multiple trading sub-accounts belonging to different trading firms.
122	InvestmentDecisionMaker	Investment decision maker. In the context of ESMA RTS reporting, this is used to specify party responsible for the investment decision. See RTS 24, Annex, Table 2, Field 4.
123	PublishingIntermediary	Publishing intermediary. The medium or vendor used to publish to the market.
124	CSDParticipant	Central Securities Depository (CSD) Participant. In the context of EU SFTR reporting the identifier of the CSD participant or indirect participant of the reporting counterparty. Where both the CSD participant and indirect participant are involved in the transaction this should identify the indirect participant.
125	Issuer	Issuer. The issuer of the security.
126	ContraCustomerAccount	Contra Customer Account. Same as PartyRole(452) = 24 (Customer Account) but for the counterparty. Can be used whenever the parties component is not nested in a repeating group representing both sides.
127	ContraInvestmentDecisionMaker	Contra Investment Decision Maker. Same as PartyRole(452) = 122 (Investment Decision Maker) but for the counterparty. Can be used whenever the parties component is not nested in a repeating group representing both sides.

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Used in groups: [PaymentSettlParties](#)

**170.2.3804 PaymentSettlPartyRoleQualifier**

Qualifies the value of PaymentSettlPartyRole(40236).

Type: **int**

Allowed values in PartyDetailRoleQualifierCodeSet:

Code	Name	Description
0	Agency	Agency
1	Principal	Principal
2	RisklessPrincipal	Riskless principal
3	GeneralClearingMember	General clearing member
30	ExchangeOrderSubmitter	Exchange order submitter. Used to identify original or initial exchange order submitting broker when party role "1" (Executing Firm) appears more than once.
4	IndividualClearingMember	Individual clearing member
5	PreferredMarketMaker	Preferred market maker. Market maker getting a part of the matched quantity before primary or default market maker.
6	DirectedMarketMaker	Directed market maker. Single market maker to handle the order provided.
7	Bank	Bank
8	Hub	Hub. Indicates that the Intermediary party is a hub system or service provider.
9	PrimaryTrdRepository	Primary trade repository. Used to differentiate the principal trade repository from the Original or Additional trade repositories when there are multiple trade repositories being reported.
10	OrigTrdRepository	Original trade repository. Used to identify the trade repository to which the trade was originally reported if different from the current repository to which the trade is being reported.
11	AddtnlIntlTrdRepository	Additional international trade repository. Used with InternationalSwapIndicator(2526) to identify the trade repository that is in addition to the local swaps data repository as required by U.S. law.
12	AddtnlDomesticTrdRepository	Additional domestic trade repository. Used with MixedSwapIndicator(1929) to identify the trade repository that is in addition to the current trade repository when the assets in the swap are subject to two different domestic regulators.
13	RelatedExchange	Related exchange
14	OptionsExchange	Options exchange

Code	Name	Description
15	SpecifiedExchange	Specified exchange
16	ConstituentExchange	Constituent exchange.
17	ExemptFromTradeReporting	Exempt from trade reporting. In the context of FINRA TRACE reporting requirements, this is used to indicate the ATS has been granted a regulatory exemption from reporting.
18	Current	Current. Can be used to convey an existing party identifier for the same party role in a single message.
19	New	New. Can be used to convey a future party identifier for the same party role in a single message.
20	DesignatedSponsor	Designated sponsor. Market maker jointly providing liquidity for the same security with other market makers.
21	Specialist	Specialist. Market maker being the only one providing liquidity for a security.
22	Algorithm	Algorithm
23	FirmOrLegalEntity	Firm or legal entity
24	NaturalPerson	Natural person
25	RegularTrader	Regular trader. Standard trader profile.
26	HeadTrader	Head trader. Senior trader leading a group of regular traders.
27	Supervisor	Supervisor. Administrative user that has only limited rights for normal trading but possibly special rights for emergency actions.
28	TriParty	Tri-party. In the context of EU SFTR reporting, identifies the third party, not necessarily the custodian, to which the reporting counterparty has outsourced the post-trade processing of an SFT (if applicable).
29	Lender	Lender. In the context of EU SFTR reporting, identifies the agent lender involved in the securities lending transaction.

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Used in groups: [PaymentSettlParties](#)

### **170.2.3805 PaymentSettlPartySubID**

Party sub-identifier, if applicable, for PaymentSettlPartyRole(40236).

Type: [String](#)

Used in groups: [PaymentSettlPtysSubGrp](#)

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**170.2.3806 PaymentSettlPartySubIDType**

The type of PaymentSettlPartySubID(40239) value.

Type: **int**

Allowed values in PartySubIDTypeCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
1	Firm	Firm
2	Person	Person
3	System	System
4	Application	Application
5	FullLegalNameOfFirm	Full legal name of firm
6	PostalAddress	Postal address
7	PhoneNumber	Phone number
8	EmailAddress	Email address
9	ContactName	Contact name
10	SecuritiesAccountNumber	Securities account number (for settlement instructions)
11	RegistrationNumber	Registration number (for settlement instructions and confirmations)
12	RegisteredAddressForConfirmation	Registered address (for confirmation purposes)
13	RegulatoryStatus	Regulatory status (for confirmation purposes)
14	RegistrationName	Registration name (for settlement instructions)
15	CashAccountNumber	Cash account number (for settlement instructions)
16	BIC	BIC
17	CSDParticipantMemberCode	CSD participant member code
18	RegisteredAddress	Registered address
19	FundAccountName	Fund account name
20	TelexNumber	Telex number
21	FaxNumber	Fax number
22	SecuritiesAccountName	Securities account name
23	CashAccountName	Cash account name
24	Department	Department
25	LocationDesk	Location desk
26	PositionAccountType	Position account type
27	SecurityLocateID	Security locate ID
28	MarketMaker	Market maker

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Code	Name	Description
29	EligibleCounterparty	Eligible counterparty
30	ProfessionalClient	Professional client
31	Location	Location
32	ExecutionVenue	Execution venue
33	CurrencyDeliveryIdentifier	Currency delivery identifier
34	AddressCity	Address City
35	AddressStateOrProvince	Address State/Province
36	AddressPostalCode	Address Postal Code
37	AddressStreet	Address Street
38	AddressISOCountryCode	Address Country (ISO country code)
39	ISOCountryCode	ISO country code
40	MarketSegment	Market segment
41	CustomerAccountType	Customer account type
42	OmnibusAccount	Omnibus account
43	FundsSegregationType	Funds segregation type
44	GuaranteeFund	Guarantee fund. Identifies a guarantee fund related to an account. Used when one account has multiple funds of collateral, each guaranteeing different positions. Can be used for PartyRole(452) = Customer Account(24).
45	SwapDealer	Swap dealer. The US regulator's defined term for identifying the trade counterparty as "any person who holds itself out as a dealer in swaps, makes a market in swaps, regularly enters into swaps with counterparties as an ordinary course of business for its own account, or engages in activity causing itself to be commonly known in the trade as a dealer or market maker in swaps".
46	MajorParticipant	Major participant. When PartySubID(523)=Y the counterparty is not the swap dealer but is a major swap participant as defined in the regulations.
47	FinancialEntity	Financial entity. When PartySubID(523)=Y the counterparty is neither a swap dealer nor a major swap participant but is a financial entity as defined in the regulations.
48	USPerson	U.S. person. A legal term referring to any U.S. person or legal entity anywhere in the world that should be taxed under U.S. law.
49	ReportingEntityIndicator	Reporting entity indicator. Indicates the entity obligated or delegated to report to their regulator, a non-regulatory agency or data repository. Set PartySubID(523)=Y if true.

<b>Code</b>	<b>Name</b>	<b>Description</b>
50	ElectedClearingRequirementException	Elected clearing requirement exception
51	BusinessCenter	Business center.
52	ReferenceText	Reference text
53	ShortMarkingExemptAccount	Short-marking exempt account
54	ParentFirmIdentifier	Parent firm identifier. Implementation-specific identifier of this party's parent entity.
55	ParentFirmName	Parent firm name. Full name of this party's parent entity.
56	DealIdentifier	Deal identifier. The internal identifier assigned to the trade by this party, particularly by a Clearing Organization.
57	SystemTradeID	System trade identifier
58	SystemTradeSubID	System trade sub-identifier
59	FCMCode	Futures Commission Merchant (FCM) code. The FCM's code or identifier in relation to the PartyRole(452). For example, if PartyRole(452) is the exchange or clearinghouse, the FCM code/ID specified in PartySubID(523) is the FCM's identifier at the exchange or clearinghouse.
60	DlvryTrmlCode	Delivery terminal customer account/code. Usually used for gas delivery to identify whose account the gas is allocated to at the delivery terminal. Often referred to as "HUB" code.
61	VolntyRptEntity	Voluntary reporting entity. The entity voluntarily reporting the trade to the regulator. Set PartySubID(523)=Y if true.
62	RptObligJurisdiction	Reporting obligation jurisdiction. For a trade that falls under multiple jurisdictions this may be used to identify, through PartySubID(523), the reporting jurisdiction to which the party is obligated to report.
63	VolntyRptJurisdiction	Voluntary reporting jurisdiction. For a trade that falls under multiple jurisdictions this may be used to identify, through PartySubID(523), the regulatory jurisdiction to which the party is submitting a voluntary report.



Code	Name	Description
64	CompanyActivities	Company activities. For regulatory reporting. ID values include: A = Assurance undertaking authorized in accordance with Directive 2002/83/EC C=Credit institution authorized in accordance with Directive 2006/48/EC F=Investment firm in accordance with Directive 2004/39/EC I=Insurance undertaking authorized in accordance with Directive 73/239/EC L=Alternative investment fund managed by AIFMs authorized or registered in accordance with Directive 2011/61/EC O=Institution for occupational retirement provision within the meaning of Article 6(a0 of Directive 2003/41/EC R=Reinsurance undertaking authorized in accordance with Directive 2005/68/EC U=UCITS and its management company, authorized in accordance with Directive 2009/65/EC or blank in case of coverage by LEI or in case of non-financial counterparties. In the context of EU SFTR reporting use the appropriate 4- or 1-character code noted in the regulations. See SFTR ITS "Commission Implementing Regulation (EU) 2019/363" Annexes 1 and 2 for values.
65	EEAreaDomiciled	European Economic Area domiciled. ID values: Y or N
66	ContractLinked	Contract linked to commercial or treasury financing for this counterparty. ID values: Y or N
67	ContractAbove	Contract above clearing threshold for this counterparty. ID values: Y or N
68	VolntyRptPty	Voluntary reporting party. When PartySubID(523)=Y, identifies that the trading party is reporting voluntarily when VoluntaryRegulatoryReport(1935)=Y.
69	EndUser	End user. When PartySubID(523)=Y, the counterparty is neither the swap dealer, major swap participant nor financial entity as defined in the regulations.
70	LocationOrJurisdiction	Location or jurisdiction. One or more instances may be used in combination with PartySubIDType(803) = 49 (Reporting entity indicator) or 102 (Data repository) to identify the jurisdiction, countries, regions or provinces for which the party is a reporting entity or data repository when that characteristic is ambiguous or where there are multiple locations. The party sub-ID value is either a jurisdiction acronym, a 2-character ISO 3166 country code, or a hyphenated combination of the country code and the standard post-office abbreviation for province, state or region if necessary. E.g. "US" for United States or "CA-QC" for Quebec Canada.

Code	Name	Description
71	DerivativesDealer	Derivatives dealer. Indicates whether the party is a derivatives dealer or not (Y/N). The Canadian regulator's defined term for identifying the trade counterparty as "a person or company engaging in or holding himself, herself or itself out as engaging in the business of trading in derivatives in Ontario as principal or agent".
72	Domicile	Domicile. Country and optionally province, state or region of domicile. The party sub-ID value is either a 2-character ISO 3166 country code or a hyphenated combination of the country code and the standard post-office abbreviation of province, state or region if necessary. E.g. "US" for United States or "CA-QC" for Quebec Canada.
73	ExemptFromRecognition	Exempt from recognition. Used with party role 21 "Clearing Organization" to indicate exemption (Y/N). Identifies a clearing agency as exempt from oversight in Ontario, i.e. one that 1) only provides limited services and does not present significant risks or 2) is foreign-based, intends to operate in Ontario but is subject to regulatory oversight in another jurisdiction.
74	Payer	Payer. Identifies the party as the payer of a particular payment stream or bullet payment by quoting the stream's StreamDesc(40051) (or LegStreamDesc(40243) or UnderlyingStreamDesc(40542)) or payment's PaymentDesc(43087) in the associated party sub-identifier field.
75	Receiver	Receiver. Identifies the party as the receiver of a particular payment stream or bullet payment by quoting the stream's StreamDesc(40051) (or LegStreamDesc(40243) or UnderlyingStreamDesc(40542)) or payment's PaymentDesc(43087) in the associated party sub-identifier field.
76	SystematicInternaliser	Systematic Internaliser (SI). In the context of ESMA reporting, this is used to indicate whether the specified party is a Systematic Internaliser or not for the security defined in the Instrument component (Y/N).
77	PublishingEntityIndicator	Publishing entity indicator. Indicates the entity obligated or delegated to publish to the market. Set PartySubID(523)=Y if true.
78	FirstName	First name. The first name(s) of a natural person. If multiple names, separate entries by a comma.
79	Surname	Surname. The surname(s) or lastname(s) of a natural person. If multiple names, separate entries by a comma.

Code	Name	Description
80	DateOfBirth	Date of birth. The date of birth of a natural person in the format YYYYMMDD.
81	OrderTransmittingFirm	Order transmitting firm. Identifies whether the party specified in PartyID(448) is the firm that transmitted the order. In the context of RTS 22 Article 4, when "true" the PartySubID(523)=Y shall be set "by the transmitting firm within the transmitting firm's report where conditions for transmission specified in Article 4 were not satisfied."
82	OrderTransmittingFirmBuyer	Order transmitting firm for buyer. Identifies the firm that transmitted the order for the buyer. In the context of ESMA RTS 22, PartySubID(523)=Y is used to indicate the firm identified in PartyID(448) is the firm that transmitted the order for the buyer. "This shall be populated by the receiving firm within the receiving firm's report with the identification code provided by the transmitting firm."
83	OrderTransmitterSeller	Order transmitter for seller. Identifies the order transmitting firm for the seller. In the context of ESMA RTS 22, PartySubID(523)=Y is used to indicate the firm identified in PartyID(448) is the firm that transmitted the order for the seller. "This shall be populated by the receiving firm within the receiving firm's report with the identification code provided by the transmitting firm."
84	LegalEntityIdentifier	Legal Entity Identifier (ISO 17442) LEI
85	SubSectorClassification	Sub-sector classification. Supplemental to party sub-ID type "64" (Company activities) for regulatory reporting. For EU SFTR reporting use the appropriate 4-character code noted in the regulations applying the conditional association rules. See SFTR ITS "Commission Implementing Regulation (EU) 2019/363" Annexes 1 and 2 for values.
86	PartySide	Party side. May be used, when appropriate, to explicitly indicate the transaction side of the party, e.g. Buyer, Seller, Lender, Borrower, Maker, Taker, etc. in the ID. In the context of EU SFTR reporting, use values as required by SFTR, "GIVE" and "TAKE" in the ID, to identify collateral giver and taker.
87	LegalRegistrationCountry	Legal registration country. ISO Country Code where the registered office of the party is located as specified in the LEI reference data.

Used in groups: [PaymentSettlPtysSubGrp](#)

**170.2.3807 PaymentSettlPtysSubGrp**

PaymentSettlSubParties is a repeating component within the PaymentSettlParties component used to extend information to be reported for the party.

Name	Mult.	Type	Description
NoPaymentSettlPartySubIDs	[1..1]	NumInGroup	
PaymentSettlPartySubID	[0..1]	String	Required if NoPaymentSettlPartySubIDs(40238) > 0.
PaymentSettlPartySubIDType	[0..1]	CodeSet	Required if NoPaymentSettlPartySubIDs(40238) > 0.

Used in groups: [PaymentSettlParties](#)

**170.2.3808 PaymentSettlStyle**

Payment settlement style.

Type: [int](#)

Allowed values in PaymentSettlStyleCodeSet:

Code	Name	Description
0	Standard	Standard
1	Net	Net
2	StandardfNet	Standard and net

Used in groups: [PaymentGrp](#)

**170.2.3809 PaymentStreamAccrualDays**

The number of days from the adjusted calculation period start date to the adjusted value date, calculated in accordance with the applicable day count fraction.

Type: [int](#)

Used in components: [PaymentStream](#)

**170.2.3810 PaymentStreamAveragingMethod**

When rate averaging is applicable, used to specify whether a weighted or unweighted average calculation method is to be used.

Type: **int**

Allowed values in PaymentStreamAveragingMethodCodeSet:

Code	Name	Description
0	Unweighted	Unweighted
1	Weighted	Weighted

Used in components: **PaymentStreamFloatingRate**

**170.2.3811 PaymentStreamBoundsFirstDateUnadjusted**

The unadjusted first date of the compounding schedule. This can be used to restrict the range of dates when they are relative.

Type: **LocalMktDate**

Used in components: **PaymentStreamCompoundingDates**

**170.2.3812 PaymentStreamBoundsLastDateUnadjusted**

The unadjusted last date of the compounding schedule. This can be used to restrict the range of dates when they are relative.

Type: **LocalMktDate**

Used in components: **PaymentStreamCompoundingDates**

**170.2.3813 PaymentStreamCalculationLagPeriod**

Time unit multiplier for the calculation lag duration.

Type: **int**

Used in components: **PaymentStreamFloatingRate**

**170.2.3814 PaymentStreamCalculationLagUnit**

Time unit associated with the calculation lag duration.

Type: **String**

Allowed values in PaymentStreamInflationLagUnitCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
D	Day	Day
Wk	Week	Week
Mo	Month	Month
Yr	Year	Year

---

Used in components: **PaymentStreamFloatingRate**

**170.2.3815 PaymentStreamCapRate**

The cap rate, if any, which applies to the floating rate. The cap rate (strike) is only required where the floating rate on a swap stream is capped at a certain level. The cap rate is assumed to be exclusive of any spread and is a per annum rate, expressed as a decimal. A cap rate of 5% would be represented as 0.05.

Type: **Percentage**

Used in components: **PaymentStreamFloatingRate**

**170.2.3816 PaymentStreamCapRateBuySide**

Reference to the buyer of the cap rate option through its trade side.

Type: **int**

Allowed values in PaymentStreamCapRateBuySideCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
1	Buyer	Buyer of the trade
2	Seller	Seller of the trade

---

Used in components: **PaymentStreamFloatingRate**

**170.2.3817 PaymentStreamCapRateSellSide**

Reference to the seller of the cap rate option through its trade side.

Type: **int**

Allowed values in PaymentStreamCapRateBuySideCodeSet:

---

Code	Name	Description
1	Buyer	Buyer of the trade
2	Seller	Seller of the trade

---

Used in components: **PaymentStreamFloatingRate**

**170.2.3818 PaymentStreamCashSettlIndicator**

Indicates whether cash settlement is applicable.

Type: **Boolean**

Used in components: **PaymentStream**

**170.2.3819 PaymentStream**

The PaymentStream component is a subcomponent of the Stream used to detail the attributes of a payment stream in a swap.

---

Name	Mult.	Type	Description
<b>PaymentStreamType</b>	[0..1]	CodeSet	
<b>PaymentStreamMarketRate</b>	[0..1]	int	
<b>PaymentStreamDelayIndicator</b>	[0..1]	Boolean	
<b>PaymentStreamCashSettlIndicator</b>	[0..1]	Boolean	
<b>PaymentStreamSettlCurrency</b>	[0..1]	Currency	
<b>PaymentStreamDayCount</b>	[0..1]	CodeSet	
<b>PaymentStreamOtherDayCount</b>	[0..1]	String	May be used to specify a count method not listed in PaymentStreamDayCount(40742).
<b>PaymentStreamAccrualDays</b>	[0..1]	int	
<b>PaymentStreamDiscountType</b>	[0..1]	CodeSet	

---

Name	Mult.	Type	Description
PaymentStreamDiscountRate	[0..1]	Percentage	
PaymentStreamDiscountRateDay-Count	[0..1]	CodeSet	
PaymentStreamCompoundingMethod	[0..1]	CodeSet	
PaymentStreamCompoundingXIDRef	[0..1]	XIDREF	Mutually exclusive with PaymentStreamCompoundingFixedRate(42605) or the PaymentStreamCompoundingFloatingRate component.
PaymentStreamCompoundingSpread	[0..1]	PriceOffset	
PaymentStreamInterpolationMethod	[0..1]	CodeSet	
PaymentStreamInterpolationPeriod	[0..1]	CodeSet	
PaymentStreamInitialPrincipalExchangeIndicator	[0..1]	Boolean	
PaymentStreamInterimPrincipalExchangeIndicator	[0..1]	Boolean	
PaymentStreamFinalPrincipalExchangeIndicator	[0..1]	Boolean	
PaymentStreamFlatRateIndicator	[0..1]	Boolean	
PaymentStreamFlatRateAmount	[0..1]	Amt	
PaymentStreamFlatRateCurrency	[0..1]	Currency	
PaymentStreamMaximumPaymentAmount	[0..1]	Amt	
PaymentStreamMaximumPaymentCurrency	[0..1]	Currency	
PaymentStreamMaximumTransactionAmount	[0..1]	Amt	
PaymentStreamMaximumTransactionCurrency	[0..1]	Currency	
PaymentStreamPaymentDates	[0..1]	Component	
PaymentStreamResetDates	[0..1]	Component	
PaymentStreamFixedRate	[0..1]	Component	
PaymentStreamFloatingRate	[0..1]	Component	
PaymentStreamCompoundingFixedRate	[0..1]	float	Mutually exclusive with PaymentStreamCompoundingXIDRef(42601) or the PaymentStreamCompoundingFloatingRate component.



Name	Mult.	Type	Description
<a href="#">PaymentStreamCompoundingFloatingRate</a>	[0..1]	Component	Mutually exclusive with <a href="#">PaymentStreamCompoundingFixedRate(42605)</a> or the <a href="#">PaymentStreamCompoundingXIDRef(42601)</a> .
<a href="#">PaymentStreamCompoundingDates</a>	[0..1]	Component	
<a href="#">PaymentStreamNonDeliverableSettlementTerms</a>	[0..1]	Component	

Used in groups: [StreamGrp](#)

### 170.2.3820 [PaymentStreamCompoundingAveragingMethod](#)

Specifies the averaging method when compounding floating rate averaging is applicable (e.g. weighted or unweighted).

Type: [int](#)

Allowed values in [PaymentStreamAveragingMethodCodeSet](#):

Code	Name	Description
0	Unweighted	Unweighted
1	Weighted	Weighted

Used in components: [PaymentStreamCompoundingFloatingRate](#)

### 170.2.3821 [PaymentStreamCompoundingCapRate](#)

The cap rate, if any, which applies to the compounding floating rate. It is only required where the compounding floating rate on a swap stream is capped at a certain level. The cap rate is assumed to be exclusive of any spread and is a per annum rate, expressed as a decimal. A cap rate of 5% would be represented as "0.05".

Type: [Percentage](#)

Used in components: [PaymentStreamCompoundingFloatingRate](#)

**170.2.3822 PaymentStreamCompoundingCapRateBuySide**

Reference to the buyer of the compounding cap rate option through its trade side.

Type: [int](#)

Allowed values in PaymentStreamCapRateBuySideCodeSet:

---

Code	Name	Description
1	Buyer	Buyer of the trade
2	Seller	Seller of the trade

---

Used in components: [PaymentStreamCompoundingFloatingRate](#)

**170.2.3823 PaymentStreamCompoundingCapRateSellSide**

Reference to the seller of the compounding cap rate option through its trade side.

Type: [int](#)

Allowed values in PaymentStreamCapRateBuySideCodeSet:

---

Code	Name	Description
1	Buyer	Buyer of the trade
2	Seller	Seller of the trade

---

Used in components: [PaymentStreamCompoundingFloatingRate](#)

**170.2.3824 PaymentStreamCompoundingDate**

The compounding date. The type of date is specified in PaymentStreamCompoundingDate-Type(42608).

Type: [LocalMktDate](#)

Used in groups: [PaymentStreamCompoundingDateGrp](#)

**170.2.3825 PaymentStreamCompoundingDateGrp**

PaymentStreamCompoundingDateGrp is a subcomponent of the PaymentStreamCompoundingDates component used to specify predetermined compounding dates.

Name	Mult.	Type	Description
NoPaymentStreamCompoundingDates	[1..1]	NumInGroup	
PaymentStreamCompoundingDate	[0..1]	LocalMktDate	Required if NoPaymentStreamCompoundingDates(42606) > 0.
PaymentStreamCompoundingDate- Type	[0..1]	CodeSet	When specified it applies not only to the current date instance but to all subsequent date instances in the group until overridden when a new type is specified.

Used in components: [PaymentStreamCompoundingDates](#)

**170.2.3826 PaymentStreamCompoundingDatesBusinessCenter**

The business center calendar used for date adjustment of the payment stream compounding dates, e.g. "GBLO".

See <http://www.fpml.org/coding-scheme/business-center> for standard 4-character code values.

Type: [String](#)

Used in groups: [PaymentStreamCompoundingDatesBusinessCenterGrp](#)

**170.2.3827 PaymentStreamCompoundingDatesBusinessCenterGrp**

PaymentStreamCompoundingDatesBusinessCenterGrp is a repeating subcomponent within the PaymentStreamCompoundingDates component. It is used to specify the set of business centers whose calendars drive the date adjustment. Used only to override the business centers defined in the DateAdjustment component in Instrument.

Name	Mult.	Type	Description
NoPaymentStreamCompounding- DatesBusinessCenters	[1..1]	NumInGroup	
PaymentStreamCompoundingDates- BusinessCenter	[0..1]	String	Required if NoPaymentStreamCompounding- DatesBusinessCenters(42620) > 0.

Used in components: [PaymentStreamCompoundingDates](#)

### 170.2.3828 PaymentStreamCompoundingDatesBusinessDayConvention

The compounding dates business day convention.

Type: [int](#)

Allowed values in BusinessDayConventionCodeSet:

Code	Name	Description
0	NotApplicable	Not applicable. Business day convention is not applicable.
1	None	None (current day)
2	FollowingDay	Following day. The following business day.
3	FloatingRateNote	Floating rate note. The FRN business day convention.
4	ModifiedFollowingDay	Modified following day. The modified following business day.
5	PrecedingDay	Preceding day. The preceding business day.
6	ModifiedPrecedingDay	Modified preceding day. The modified preceding business day.
7	NearestDay	Nearest day. The nearest applicable business day.

Used in components: [PaymentStreamCompoundingDates](#)

### 170.2.3829 PaymentStreamCompoundingDates

PaymentStreamCompoundingDates is a subcomponent of the PaymentStream component used to specify the compounding dates of the stream - either specific, relative or periodic dates.

Name	Mult.	Type	Description
<a href="#">PaymentStreamCompoundingDates-BusinessDayConvention</a>	[0..1]	CodeSet	When specified, this overrides the business day convention defined in the DateAdjustment component in Instrument. The specified value would be specific to payment stream compounding dates.
<a href="#">PaymentStreamCompoundingDates-BusinessCenterGrp</a>	[0..*]	Group	When specified, this overrides the business centers defined in the DateAdjustment component in Instrument. The specified values would be specific to payment stream compounding dates.
<a href="#">PaymentStreamCompoundingDateGrp</a>	[0..*]	Group	

Name	Mult.	Type	Description
PaymentStreamCompoundingDates-RelativeTo	[0..1]	int	
PaymentStreamCompoundingDatesOffsetPeriod	[0..1]	int	Conditionally required when PaymentStreamCompoundingDatesOffsetUnit(42612) is specified.
PaymentStreamCompoundingDatesOffsetUnit	[0..1]	CodeSet	Conditionally required when PaymentCompoundingDatesOffsetPeriod(42611) is specified.
PaymentStreamCompoundingDatesOffsetDayType	[0..1]	CodeSet	
PaymentStreamCompoundingPeriodSkip	[0..1]	int	
PaymentStreamCompoundingStartDate	[0..1]	Component	
PaymentStreamCompoundingEndDate	[0..1]	Component	
PaymentStreamCompoundingFrequencyPeriod	[0..1]	int	Conditionally required when PaymentStreamCompoundingFrequencyUnit(42616) is specified.
PaymentStreamCompoundingFrequencyUnit	[0..1]	CodeSet	Conditionally required when PaymentStreamCompoundingFrequencyPeriod(42615) is specified.
PaymentStreamCompoundingRollConvention	[0..1]	CodeSet	When specified, this overrides the date roll convention defined in the DateAdjustment component in Instrument. The specified value would be specific to this instance of the payment stream compounding dates.
PaymentStreamBoundsFirstDateUnadjusted	[0..1]	LocalMktDate	
PaymentStreamBoundsLastDateUnadjusted	[0..1]	LocalMktDate	

Used in components: [PaymentStream](#)

### 170.2.3830 PaymentStreamCompoundingDatesOffsetDayType

Specifies the day type of the relative compounding date offset.

Type: [int](#)

Allowed values in PaymentStreamPaymentDateOffsetDayTypeCodeSet:

---

Code	Name	Description
0	Business	Business
1	Calendar	Calendar
2	CommodityBusiness	Commodity business
3	CurrencyBusiness	Currency business
4	ExchangeBusiness	Exchange business
5	ScheduledTradingDay	Scheduled trading day

---

Used in components: [PaymentStreamCompoundingDates](#)

### **170.2.3831 PaymentStreamCompoundingDatesOffsetPeriod**

Time unit multiplier for the relative compounding date offset.

Type: [int](#)

Used in components: [PaymentStreamCompoundingDates](#)

### **170.2.3832 PaymentStreamCompoundingDatesOffsetUnit**

Time unit associated with the relative compounding date offset.

Type: [String](#)

Allowed values in PaymentStreamPaymentDateOffsetUnitCodeSet:

---

Code	Name	Description
D	Day	Day
Wk	Week	Week
Mo	Month	Month
Yr	Year	Year

---

Used in components: [PaymentStreamCompoundingDates](#)

### **170.2.3833 PaymentStreamCompoundingDatesRelativeTo**

Specifies the anchor date when the compounding dates are relative to an anchor date.

See [http://www.fixtradingcommunity.org/codelists#Relative\\_To\\_Date](http://www.fixtradingcommunity.org/codelists#Relative_To_Date) for values.

Type: **int**

Used in components: **PaymentStreamCompoundingDates**

### 170.2.3834 PaymentStreamCompoundingDateType

Specifies the type of payment compounding date (e.g. adjusted for holidays).

Type: **int**

Allowed values in NonDeliverableFixingDateTypeCodeSet:

Code	Name	Description
0	Unadjusted	Unadjusted
1	Adjusted	Adjusted

Used in groups: **PaymentStreamCompoundingDateGrp**

### 170.2.3835 PaymentStreamCompoundingEndDateAdjusted

The adjusted compounding end date.

Type: **LocalMktDate**

Used in components: **PaymentStreamCompoundingEndDate**

### 170.2.3836 PaymentStreamCompoundingEndDate

PaymentStreamCompoundingEndDate is a subcomponent of the PaymentStreamCompoundingDates component used to specify the end date for compounding.

Name	Mult.	Type	Description
<b>PaymentStreamCompoundingEndDa- teUnadjusted</b>	[0..1]	LocalMktDate	
<b>PaymentStreamCompoundingEnd- DateRelativeTo</b>	[0..1]	int	
<b>PaymentStreamCompoundingEndDa- teOffsetPeriod</b>	[0..1]	int	Conditionally required when PaymentStreamCom- poundingEndDateOffsetUnit(42625) is specified.

Name	Mult.	Type	Description
PaymentStreamCompoundingEndDateOffsetUnit	[0..1]	CodeSet	Conditionally required when PaymentStreamCompoundingEndDateOffsetPeriod(42624) is specified.
PaymentStreamCompoundingEndDateOffsetDayType	[0..1]	CodeSet	
PaymentStreamCompoundingEndDateAdjusted	[0..1]	LocalMktDate	

Used in components: [PaymentStreamCompoundingDates](#)

### 170.2.3837 PaymentStreamCompoundingEndDateOffsetDayType

Specifies the day type of the relative compounding end date offset.

Type: [int](#)

Allowed values in PaymentStreamPaymentDateOffsetDayTypeCodeSet:

Code	Name	Description
0	Business	Business
1	Calendar	Calendar
2	CommodityBusiness	Commodity business
3	CurrencyBusiness	Currency business
4	ExchangeBusiness	Exchange business
5	ScheduledTradingDay	Scheduled trading day

Used in components: [PaymentStreamCompoundingEndDate](#)

### 170.2.3838 PaymentStreamCompoundingEndDateOffsetPeriod

Time unit multiplier for the relative compounding end date offset.

Type: [int](#)

Used in components: [PaymentStreamCompoundingEndDate](#)



**170.2.3839 PaymentStreamCompoundingEndDateOffsetUnit**

Time unit associated with the relative compounding end date offset.

Type: **String**

Allowed values in PaymentStreamPaymentDateOffsetUnitCodeSet:

---

Code	Name	Description
D	Day	Day
Wk	Week	Week
Mo	Month	Month
Yr	Year	Year

---

Used in components: **PaymentStreamCompoundingEndDate**

**170.2.3840 PaymentStreamCompoundingEndDateRelativeTo**

Specifies the anchor date when the compounding end date is relative to an anchor date.

See [http://www.fixtradingcommunity.org/codelists#Relative\\_To\\_Date](http://www.fixtradingcommunity.org/codelists#Relative_To_Date) for values.

Type: **int**

Used in components: **PaymentStreamCompoundingEndDate**

**170.2.3841 PaymentStreamCompoundingEndDateUnadjusted**

The unadjusted compounding end date.

Type: **LocalMktDate**

Used in components: **PaymentStreamCompoundingEndDate**

**170.2.3842 PaymentStreamCompoundingFinalRatePrecision**

Specifies the compounding floating rate rounding precision in terms of a number of decimal places.

Note how a percentage rate rounding of 5 decimal places is expressed as a rounding precision of 7.

Type: **int**

Used in components: **PaymentStreamCompoundingFloatingRate**

**170.2.3843 PaymentStreamCompoundingFinalRateRoundingDirection**

Specifies the rounding direction for the compounding floating rate.

Type: **char**

Allowed values in RoundingDirectionCodeSet:

Code	Name	Description
0	RoundToNearest	Round to nearest
1	RoundDown	Round down
2	RoundUp	Round up

Used in components: **PaymentStreamCompoundingFloatingRate**

**170.2.3844 PaymentStreamCompoundingFixedRate**

The compounding fixed rate applicable to the payment stream.

Type: **float**

Used in components: **PaymentStream**

**170.2.3845 PaymentStreamCompoundingFloatingRate**

PaymentStreamCompoundingFloatingRate is a subcomponent of the PaymentStream component used to report the parameters for determining the compounding floating rate of the stream.

Name	Mult.	Type	Description
<b>PaymentStreamCompoundingRateIndex</b>	[0..1]	String	
<b>PaymentStreamCompoundingRateIndexCurvePeriod</b>	[0..1]	int	Conditionally required if PaymentStreamCompoundingRateIndexCurveUnit(42630) is specified.
<b>PaymentStreamCompoundingRateIndexCurveUnit</b>	[0..1]	CodeSet	Conditionally required if PaymentStreamCompoundingRateIndexCurvePeriod(42629) is specified.
<b>PaymentStreamCompoundingRateMultiplier</b>	[0..1]	float	

Name	Mult.	Type	Description
PaymentStreamCompoundingRate-Spread	[0..1]	PriceOffset	
PaymentStreamCompoundingRate-SpreadPositionType	[0..1]	CodeSet	
PaymentStreamCompoundingRate-Treatment	[0..1]	CodeSet	
PaymentStreamCompoundingCapRate	[0..1]	Percentage	
PaymentStreamCompounding-CapRateBuySide	[0..1]	CodeSet	
PaymentStreamCompounding-CapRateSellSide	[0..1]	CodeSet	
PaymentStreamCompoundingFloor-Rate	[0..1]	Percentage	
PaymentStreamCompoundingFloor-RateBuySide	[0..1]	CodeSet	
PaymentStreamCompoundingFloor-RateSellSide	[0..1]	CodeSet	
PaymentStreamCompoundingInitial-Rate	[0..1]	Percentage	
PaymentStreamCompoundingFinal-RateRoundingDirection	[0..1]	CodeSet	
PaymentStreamCompoundingFinal-RatePrecision	[0..1]	int	
PaymentStreamCompoundingAveragingMethod	[0..1]	CodeSet	
PaymentStreamCompoundingNegativeRateTreatment	[0..1]	CodeSet	

Used in components: [PaymentStream](#)

### 170.2.3846 PaymentStreamCompoundingFloorRate

The floor rate, if any, which applies to the compounding floating rate. The floor rate (strike) is only required where the compounding floating rate on a swap stream is floored at a certain strike level. The floor rate is assumed to be exclusive of any spread and is a per annum rate. The rate is expressed as a decimal, e.g. 5% is represented as "0.05".

Type: [Percentage](#)

Used in components: [PaymentStreamCompoundingFloatingRate](#)

### **170.2.3847 PaymentStreamCompoundingFloorRateBuySide**

Reference to the buyer of the compounding floor rate option through its trade side.

Type: [int](#)

Allowed values in PaymentStreamFloorRateBuySideCodeSet:

Code	Name	Description
1	Buyer	Buyer of the trade
2	Seller	Seller of the trade

Used in components: [PaymentStreamCompoundingFloatingRate](#)

### **170.2.3848 PaymentStreamCompoundingFloorRateSellSide**

Reference to the seller of the floor rate option through its trade side.

Type: [int](#)

Allowed values in PaymentStreamFloorRateBuySideCodeSet:

Code	Name	Description
1	Buyer	Buyer of the trade
2	Seller	Seller of the trade

Used in components: [PaymentStreamCompoundingFloatingRate](#)

### **170.2.3849 PaymentStreamCompoundingFrequencyPeriod**

Time unit multiplier for the frequency at which compounding dates occur.

Type: [int](#)

Used in components: [PaymentStreamCompoundingDates](#)

**170.2.3850 PaymentStreamCompoundingFrequencyUnit**

Time unit associated with the frequency at which compounding dates occur.

Type: **String**

Allowed values in CouponFrequencyUnitCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
D	Day	Day
Wk	Week	Week
Mo	Month	Month
Yr	Year	Year
H	Hour	Hour
Min	Minute	Minute
S	Second	Second
T	Term	Term

---

Used in components: **PaymentStreamCompoundingDates**

**170.2.3851 PaymentStreamCompoundingInitialRate**

The initial compounding floating rate reset agreed between the principal parties involved in the trade. It should only be included when the rate is not equal to the rate published on the source implied by the floating rate index. The initial rate is expressed in decimal form, e.g. 5% is represented as "0.05".

Type: **Percentage**

Used in components: **PaymentStreamCompoundingFloatingRate**

**170.2.3852 PaymentStreamCompoundingMethod**

Compounding method.

Type: **int**

Allowed values in PaymentStreamCompoundingMethodCodeSet:

Code	Name	Description
0	None	None
1	Flat	Flat
2	Straight	Straight
3	SpreadExclusive	Spread exclusive

Used in components: [PaymentStream](#)

### **170.2.3853 PaymentStreamCompoundingNegativeRateTreatment**

Specifies the method for calculating payment obligations when a compounding floating rate is negative (either due to a quoted negative floating rate or by operation of a spread that is subtracted from the floating rate).

Type: [int](#)

Allowed values in PaymentStreamNegativeRateTreatmentCodeSet:

Code	Name	Description
0	ZeroInterestRateMethod	Zero interest rate method
1	NegativeInterestRateMethod	Negative interest rate method

Used in components: [PaymentStreamCompoundingFloatingRate](#)

### **170.2.3854 PaymentStreamCompoundingPeriodSkip**

The number of periods in the "RelativeTo" schedule that are between each date in the compounding schedule. A skip of 2 would mean that compounding dates are relative to every second date in the "RelativeTo" schedule. If present this should have a value greater than 1.

Type: [int](#)

Used in components: [PaymentStreamCompoundingDates](#)

### **170.2.3855 PaymentStreamCompoundingRateIndex**

The payment stream's compounding floating rate index.

Type: **String**

Used in components: **PaymentStreamCompoundingFloatingRate**

### **170.2.3856 PaymentStreamCompoundingRateIndexCurvePeriod**

Time unit multiplier for the payment stream's compounding floating rate index curve period.

Type: **int**

Used in components: **PaymentStreamCompoundingFloatingRate**

### **170.2.3857 PaymentStreamCompoundingRateIndexCurveUnit**

Time unit associated with the payment stream's compounding floating rate index curve period.

Type: **String**

Allowed values in PaymentStreamRateIndexCurveUnitCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
D	Day	Day
Wk	Week	Week
Mo	Month	Month
Yr	Year	Year

---

Used in components: **PaymentStreamCompoundingFloatingRate**

### **170.2.3858 PaymentStreamCompoundingRateMultiplier**

A rate multiplier to apply to the compounding floating rate. The multiplier can be less than or greater than 1 (one). This should only be included if the multiplier is not equal to 1 (one) for the term of the stream.

Type: **float**

Used in components: **PaymentStreamCompoundingFloatingRate**

**170.2.3859 PaymentStreamCompoundingRateSpread**

The basis points spread from the index specified in PaymentStreamCompoundingRateIndex(42628).

Type: [PriceOffset](#)

Used in components: [PaymentStreamCompoundingFloatingRate](#)

**170.2.3860 PaymentStreamCompoundingRateSpreadPositionType**

Identifies whether the rate spread is applied to a long or short position.

Type: [int](#)

Allowed values in PaymentStreamRateSpreadPositionTypeCodeSet:

---

Code	Name	Description
0	Short	Short
1	Long	Long

---

Used in components: [PaymentStreamCompoundingFloatingRate](#)

**170.2.3861 PaymentStreamCompoundingRateTreatment**

Specifies the yield calculation treatment for the index.

Type: [int](#)

Allowed values in PaymentStreamRateTreatmentCodeSet:

---

Code	Name	Description
0	BondEquivalentYield	Bond equivalent yield
1	MoneyMarketYield	Money market yield

---

Used in components: [PaymentStreamCompoundingFloatingRate](#)



**170.2.3862 PaymentStreamCompoundingRollConvention**

The convention for determining the sequence of compounding dates. It is used in conjunction with a specified frequency.

Type: **String**

Allowed values in DateRollConventionCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
1	FirstDay	1st day of the month
2	SecondDay	2nd day of the month
3	ThirdDay	3rd day of the month
4	FourthDay	4th day of the month
5	FifthDay	5th day of the month
6	SixthDay	6th day of the month
7	SeventhDay	7th day of the month
8	EighthDay	8th day of the month
9	NinthDay	9th day of the month
10	TenthDay	10th day of the month
11	EleventhDay	11th day of the month
12	TwelvthDay	12th day of the month
13	ThirteenthDay	13th day of the month
14	ForteenthDay	14th day of the month
15	FifteenthDay	15th day of the month
16	SixteenthDay	16th day of the month
17	SeventeenthDay	17th day of the month
18	EighteenthDay	18th day of the month
19	NineteenthDay	19th day of the month
20	TwentiethDay	20th day of the month
21	TwentyFirstDay	21st day of the month
22	TwentySecondDay	22nd day of the month
23	TwentyThirdDay	23rd day of the month
24	TwentyFourthDay	24th day of the month
25	TwentyFifthDay	25th day of the month
26	TwentySixthDay	26th day of the month
27	TwentySeventhDay	27th day of the month
28	TwentyEighthDay	28th day of the month

---

Code	Name	Description
29	TwentyNinthDay	29th day of the month
30	ThirtiethDay	30th day of the month
EOM	EOM	The end of the month. Use EOM for 31st day of the month.
FRN	FRN	The floating rate note convention or Eurodollar convention.
IMM	IMM	The International Money Market settlement date, i.e. the 3rd Wednesday of the month.
IMMCAD	IMMCAD	The last trading day/expiration day of the Canadian Derivatives Exchange.
IMMAUD	IMMAUD	The last trading day of the Sydney Futures Exchange Australian 90-day bank accepted bill futures contract.
IMMNZD	IMMNZD	The last trading day of the Sydney Futures Exchange New Zealand 90-day bank bill futures contract.
SFE	SFE	The Sydney Futures Exchange 90-day bank accepted bill futures settlement dates.
NONE	NONE	No adjustment
TBILL	TBILL	The 13-week and 26-week U.S. Treasury Bill auction dates.
MON	MON	Monday
TUE	TUE	Tuesday
WED	WED	Wednesday
THU	THU	Thursday
FRI	FRI	Friday
SAT	SAT	Saturday
SUN	SUN	Sunday

---

Used in components: [PaymentStreamCompoundingDates](#)

### **170.2.3863 PaymentStreamCompoundingSpread**

The spread to be used for compounding. Used in scenarios where the interest payment is based on a compounding formula that uses a compounding spread in addition to the regular spread.

Type: [PriceOffset](#)

Used in components: [PaymentStream](#)

**170.2.3864 PaymentStreamCompoundingStartDateAdjusted**

The adjusted compounding start date.

Type: [LocalMktDate](#)

Used in components: [PaymentStreamCompoundingStartDate](#)

**170.2.3865 PaymentStreamCompoundingStartDate**

PaymentStreamCompoundingStartDate is a subcomponent of the PaymentStreamCompoundingDates component used to specify the start date for compounding.

Name	Mult.	Type	Description
<a href="#">PaymentStreamCompoundingStartDateUnadjusted</a>	[0..1]	LocalMktDate	
<a href="#">PaymentStreamCompoundingStartDateRelativeTo</a>	[0..1]	int	
<a href="#">PaymentStreamCompoundingStartDateOffsetPeriod</a>	[0..1]	int	Conditionally required when PaymentStreamCompoundingStartDateOffsetUnit(42649) is specified.
<a href="#">PaymentStreamCompoundingStartDateOffsetUnit</a>	[0..1]	CodeSet	Conditionally required when PaymentStreamCompoundingStartDateOffsetPeriod(42648) is specified.
<a href="#">PaymentStreamCompoundingStartDateOffsetDayType</a>	[0..1]	CodeSet	
<a href="#">PaymentStreamCompoundingStartDateAdjusted</a>	[0..1]	LocalMktDate	

Used in components: [PaymentStreamCompoundingDates](#)

**170.2.3866 PaymentStreamCompoundingStartDateOffsetDayType**

Specifies the day type of the relative compounding start date offset.

Type: [int](#)

Allowed values in PaymentStreamPaymentDateOffsetDayTypeCodeSet:

---

Code	Name	Description
0	Business	Business
1	Calendar	Calendar
2	CommodityBusiness	Commodity business
3	CurrencyBusiness	Currency business
4	ExchangeBusiness	Exchange business
5	ScheduledTradingDay	Scheduled trading day

---

Used in components: [PaymentStreamCompoundingStartDate](#)

### **170.2.3867 PaymentStreamCompoundingStartDateOffsetPeriod**

Time unit multiplier for the relative compounding start date offset.

Type: [int](#)

Used in components: [PaymentStreamCompoundingStartDate](#)

### **170.2.3868 PaymentStreamCompoundingStartDateOffsetUnit**

Time unit associated with the relative compounding start date offset.

Type: [String](#)

Allowed values in PaymentStreamPaymentDateOffsetUnitCodeSet:

---

Code	Name	Description
D	Day	Day
Wk	Week	Week
Mo	Month	Month
Yr	Year	Year

---

Used in components: [PaymentStreamCompoundingStartDate](#)

### **170.2.3869 PaymentStreamCompoundingStartDateRelativeTo**

Specifies the anchor date when the compounding start date is relative to an anchor date.

See [http://www.fixtradingcommunity.org/codelists#Relative\\_To\\_Date](http://www.fixtradingcommunity.org/codelists#Relative_To_Date) for values.

Type: **int**

Used in components: **PaymentStreamCompoundingStartDate**

### **170.2.3870 PaymentStreamCompoundingStartDateUnadjusted**

The unadjusted compounding start date.

Type: **LocalMktDate**

Used in components: **PaymentStreamCompoundingStartDate**

### **170.2.3871 PaymentStreamCompoundingXIDRef**

Reference to the stream which details the compounding fixed or floating rate.

Type: **XIDREF**

Used in components: **PaymentStream**

### **170.2.3872 PaymentStreamContractPrice**

The price per relevant unit for purposes of the calculation of a fixed amount for a dry voyage charter or time charter commodity swap.

Type: **Price**

Used in components: **PaymentStreamFixedRate**

### **170.2.3873 PaymentStreamContractPriceCurrency**

Specifies the currency of PaymentStreamContractPrice(41190). Uses ISO 4217 currency codes.

Type: **Currency**

Used in components: **PaymentStreamFixedRate**

**170.2.3874 PaymentStreamDayCount**

The day count convention used in the payment stream calculations.

Type: **int**

Allowed values in CouponDayCountCodeSet:

Code	Name	Description
0	OneOne	1/1. If parties specify the Day Count Fraction to be 1/1 then in calculating the applicable amount, 1 is simply input into the calculation as the relevant Day Count Fraction. See also 2006 ISDA Definitions, Section 4.16. Day Count Fraction, paragraph (a).
1	ThirtyThreeSixtyUS	30/360 (30U/360 or Bond Basis). See also ISO 15022 MICO code 'A001'.
2	ThirtyThreeSixtySIA	30/360 (SIA). A variant of "30/360" - when Date1 and Date2 are both Feb. 28th or 29th convert them to 30th using the same logic in the conversion of 31st to 30th.
3	ThirtyThreeSixtyM	30/360M. Commonly used day count convention for US mortgage backed securities. Feb 28th (or 29th in a leap year) is always considered as a 30th for a start date. As a comparison, in the regular 30/360 day count as used by most US agency and corporate bonds, a start date of Feb 28th (or 29th in a leap year) is still considered as the 28th (or 29th) day of a month of 30 days.
4	ThirtyEThreeSixty	30E/360 (Eurobond Basis). See also ISO 15022 MICO code 'A007'.
5	ThirtyEThreeSixtyISDA	30E/360 (ISDA). Date adjustment rules are: (1) if Date1 is the last day of the month, then change Date1 to 30; (2) if D2 is the last day of the month (unless Date2 is the maturity date and Date2 is in February), then change Date2 to 30. See also 2006 ISDA Definitions, Section 4.16. Day Count Fraction, paragraph (h).
6	ActThreeSixty	Act/360. See also ISO 15022 MICO code 'A004'.
7	ActThreeSixtyFiveFixed	Act/365 (FIXED). See also ISO 15022 MICO code 'A005'.
8	ActActAFB	Act/Act (AFB). See also ISO 15022 MICO code 'A010'.
9	ActActICMA	Act/Act (ICMA). See also ISO 15022 MICO code 'A006'.
10	ActActISMAUltimo	Act/Act (ICMA Ultimo). The Act/Act (ICMA Ultimo) differs from Act/Act (ICMA) method only that it assumes that regular coupons always fall on the last day of the month.
11	ActActISDA	Act/Act (ISDA). See also ISO 15022 MICO code 'A008'.

Code	Name	Description
12	BusTwoFiftyTwo	BUS/252. Used for Brazilian Real swaps, which is based on business days instead of calendar days. The number of business days divided by 252.
13	ThirtyEPlusThreeSixty	30E+/360. Variation on 30E/360. Date adjustment rules: (1) If Date1 falls on the 31st, then change it to the 30th; (2) If Date2 falls on the 31st, then change it to 1 and increase Month2 by one, i.e. next month.
14	ActThreeSixtyFiveL	Act/365L. See also ISO 15022 MICO code 'A009'.
15	NLThreeSixtyFive	NL365. See also ISO 15022 MICO code 'A014'.
16	NLThreeSixty	NL360. This is the same as Act/360, with the exception of leap days (29th February) which are ignored.
17	Act364	Act/364. The actual number of days between Date1 and Date2, divided by 364.
18	ThirtyThreeSixtyFive	30/365. Interest is calculated based on a 30-day month in a way similar to the 30/360 (basic rule) and a 365-day year. Accrued interest to a value date on the last day of a month shall be the same as to the 30th calendar day of the same month, except for February. This means that a 31 is assumed to be a 30 and the 28 February (or 29 February for a leap year) is assumed to be a 28 (or 29). See also ISO 15022 MICO code 'A002'.
19	ThirtyActual	30/Actual. Interest is calculated based on a 30-day month in a way similar to the 30/360 (basic rule) and the assumed number of days in a year in a way similar to the Actual/Actual (ICMA). Accrued interest to a value date on the last day of a month shall be the same as to the 30th calendar day of the same month, except for February. This means that a 31 is assumed to be a 30 and the 28 February (or 29 February for a leap year) is assumed to be a 28 (or 29). The assumed number of days in a year is computed as the actual number of days in the coupon period multiplied by the number of interest payments in the year. See also ISO 15022 MICO code 'A003'.
20	ThirtyThreeSixtyICMA	30/360 (ICMA or basis rule). Interest is calculated based on a 30-day month and a 360-day year. Accrued interest to a value date on the last day of a month shall be the same as to the 30th calendar day of the same month, except for February. This means that a 31 is assumed to be a 30 and the 28 February (or 29 February for a leap year) is assumed to be a 28 (or 29). It is the most commonly used 30/360 method for non-US straight and convertible bonds issued before 1 January 1999. See also ISO 15022 MICO code 'A011'.

Code	Name	Description
21	ThirtyETwoThreeSixty	30E2/360 (Eurobond basis model two). Interest is calculated based on a 30-day month and a 360-day year. Accrued interest to a value date on the last day of a month shall be the same as to the 30th calendar day of the same month, except for the last day of February whose day of the month value shall be adapted to the value of the first day of the interest period if the latter is higher and if the period is one of a regular schedule. This means that a 31 is assumed to be a 30 and the 28 February of a non-leap year is assumed to be equivalent to a 29 February when the first day of the interest period is a 29, or to a 30 February when the first day of the interest period is a 30 or a 31. The 29 February of a leap year is assumed to be equivalent to a 30 February when the first day of the interest period is a 30 or a 31. Similarly, if the coupon period starts on the last day of February, it is assumed to produce only one day of interest in February as if it was starting on a 30 February when the end of the period is a 30 or a 31, or two days of interest in February when the end of the period is a 29, or three days of interest in February when it is the 28 February of a non-leap year and the end of the period is before the 29. See also ISO 15022 MICO code 'A012'.
22	ThirtyEThreeThreeSixty	30E3/360 (Eurobond basis model three). Interest is calculated based on a 30-day month and a 360-day year. Accrued interest to a value date on the last day of a month shall be the same as to the 30th calendar day of the same month. This means that a 31 is assumed to be a 30 and the 28 February (or 29 February for a leap year) is assumed to be equivalent to a 30 February. It is a variation of the 30E/360 (or Eurobond basis) method where the last day of February is always assumed to be a 30, even if it is the last day of the maturity coupon period. See also ISO 15022 MICO code 'A013'.
99	Other	Other. For other day count method. See also ISO 15022 MICO code 'OTHR'.

Used in components: [PaymentStream](#)

### 170.2.3875 PaymentStreamDaysAdjustmentIndicator

Indicates whether the contract specifies that the notional should be scaled by the number of days in range divided by the estimate trading days or not. The number of "days in range" refers to the number of returns that contribute to the realized volatility.



Type: **Boolean**

Used in components: **PaymentStreamFloatingRate**

### **170.2.3876 PaymentStreamDelayIndicator**

Applicable to credit default swaps on mortgage backed securities to specify whether payment delays are applicable to the fixed amount.

Residential mortgage backed securities typically have a payment delay of 5 days between the coupon date of the reference obligation and the payment date of the synthetic swap.

Commercial mortgage backed securities do not typically have a payment delay, with both payment dates (the coupon date of the reference obligation and the payment date of the synthetic swap) being on the 25th of each month.

Type: **Boolean**

Used in components: **PaymentStream**

### **170.2.3877 PaymentStreamDiscountRate**

Discount rate. The rate is expressed in decimal, e.g. 5% is expressed as 0.05.

Type: **Percentage**

Used in components: **PaymentStream**

### **170.2.3878 PaymentStreamDiscountRateDayCount**

The day count convention applied to the PaymentStreamDiscountRate(40745).

Type: **int**

Allowed values in CouponDayCountCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	OneOne	1/1. If parties specify the Day Count Fraction to be 1/1 then in calculating the applicable amount, 1 is simply input into the calculation as the relevant Day Count Fraction. See also 2006 ISDA Definitions, Section 4.16. Day Count Fraction, paragraph (a).

---

Code	Name	Description
1	ThirtyThreeSixtyUS	30/360 (30U/360 or Bond Basis). See also ISO 15022 MICO code 'A001'.
2	ThirtyThreeSixtySIA	30/360 (SIA). A variant of "30/360" - when Date1 and Date2 are both Feb. 28th or 29th convert them to 30th using the same logic in the conversion of 31st to 30th.
3	ThirtyThreeSixtyM	30/360M. Commonly used day count convention for US mortgage backed securities. Feb 28th (or 29th in a leap year) is always considered as a 30th for a start date. As a comparison, in the regular 30/360 day count as used by most US agency and corporate bonds, a start date of Feb 28th (or 29th in a leap year) is still considered as the 28th (or 29th) day of a month of 30 days.
4	ThirtyEThreeSixty	30E/360 (Eurobond Basis). See also ISO 15022 MICO code 'A007'.
5	ThirtyEThreeSixtyISDA	30E/360 (ISDA). Date adjustment rules are: (1) if Date1 is the last day of the month, then change Date1 to 30; (2) if D2 is the last day of the month (unless Date2 is the maturity date and Date2 is in February), then change Date2 to 30. See also 2006 ISDA Definitions, Section 4.16. Day Count Fraction, paragraph (h).
6	ActThreeSixty	Act/360. See also ISO 15022 MICO code 'A004'.
7	ActThreeSixtyFiveFixed	Act/365 (FIXED). See also ISO 15022 MICO code 'A005'.
8	ActActAFB	Act/Act (AFB). See also ISO 15022 MICO code 'A010'.
9	ActActICMA	Act/Act (ICMA). See also ISO 15022 MICO code 'A006'.
10	ActActISMAUltimo	Act/Act (ICMA Ultimo). The Act/Act (ICMA Ultimo) differs from Act/Act (ICMA) method only that it assumes that regular coupons always fall on the last day of the month.
11	ActActISDA	Act/Act (ISDA). See also ISO 15022 MICO code 'A008'.
12	BusTwoFiftyTwo	BUS/252. Used for Brazilian Real swaps, which is based on business days instead of calendar days. The number of business days divided by 252.
13	ThirtyEPlusThreeSixty	30E+/360. Variation on 30E/360. Date adjustment rules: (1) If Date1 falls on the 31st, then change it to the 30th; (2) If Date2 falls on the 31st, then change it to 1 and increase Month2 by one, i.e. next month.
14	ActThreeSixtyFiveL	Act/365L. See also ISO 15022 MICO code 'A009'.
15	NLThreeSixtyFive	NL365. See also ISO 15022 MICO code 'A014'.
16	NLThreeSixty	NL360. This is the same as Act/360, with the exception of leap days (29th February) which are ignored.
17	Act364	Act/364. The actual number of days between Date1 and Date2, divided by 364.

<b>Code</b>	<b>Name</b>	<b>Description</b>
18	ThirtyThreeSixtyFive	30/365. Interest is calculated based on a 30-day month in a way similar to the 30/360 (basic rule) and a 365-day year. Accrued interest to a value date on the last day of a month shall be the same as to the 30th calendar day of the same month, except for February. This means that a 31 is assumed to be a 30 and the 28 February (or 29 February for a leap year) is assumed to be a 28 (or 29). See also ISO 15022 MICO code 'A002'.
19	ThirtyActual	30/Actual. Interest is calculated based on a 30-day month in a way similar to the 30/360 (basic rule) and the assumed number of days in a year in a way similar to the Actual/Actual (ICMA). Accrued interest to a value date on the last day of a month shall be the same as to the 30th calendar day of the same month, except for February. This means that a 31 is assumed to be a 30 and the 28 February (or 29 February for a leap year) is assumed to be a 28 (or 29). The assumed number of days in a year is computed as the actual number of days in the coupon period multiplied by the number of interest payments in the year. See also ISO 15022 MICO code 'A003'.
20	ThirtyThreeSixtyICMA	30/360 (ICMA or basis rule). Interest is calculated based on a 30-day month and a 360-day year. Accrued interest to a value date on the last day of a month shall be the same as to the 30 calendar day of the same month, except for February. This means that a 31 is assumed to be a 30 and the 28 February (or 29 February for a leap year) is assumed to be a 28 (or 29). It is the most commonly used 30/360 method for non-US straight and convertible bonds issued before 1 January 1999. See also ISO 15022 MICO code 'A011'.

Code	Name	Description
21	ThirtyETwoThreeSixty	30E2/360 (Eurobond basis model two). Interest is calculated based on a 30-day month and a 360-day year. Accrued interest to a value date on the last day of a month shall be the same as to the 30th calendar day of the same month, except for the last day of February whose day of the month value shall be adapted to the value of the first day of the interest period if the latter is higher and if the period is one of a regular schedule. This means that a 31 is assumed to be a 30 and the 28 February of a non-leap year is assumed to be equivalent to a 29 February when the first day of the interest period is a 29, or to a 30 February when the first day of the interest period is a 30 or a 31. The 29 February of a leap year is assumed to be equivalent to a 30 February when the first day of the interest period is a 30 or a 31. Similarly, if the coupon period starts on the last day of February, it is assumed to produce only one day of interest in February as if it was starting on a 30 February when the end of the period is a 30 or a 31, or two days of interest in February when the end of the period is a 29, or three days of interest in February when it is the 28 February of a non-leap year and the end of the period is before the 29. See also ISO 15022 MICO code 'A012'.
22	ThirtyEThreeThreeSixty	30E3/360 (Eurobond basis model three). Interest is calculated based on a 30-day month and a 360-day year. Accrued interest to a value date on the last day of a month shall be the same as to the 30th calendar day of the same month. This means that a 31 is assumed to be a 30 and the 28 February (or 29 February for a leap year) is assumed to be equivalent to a 30 February. It is a variation of the 30E/360 (or Eurobond basis) method where the last day of February is always assumed to be a 30, even if it is the last day of the maturity coupon period. See also ISO 15022 MICO code 'A013'.
99	Other	Other. For other day count method. See also ISO 15022 MICO code 'OTHR'.

Used in components: [PaymentStream](#)

### 170.2.3879 PaymentStreamDiscountType

The method of calculating discounted payment amounts

Type: [int](#)

Allowed values in PaymentStreamDiscountTypeCodeSet:

Code	Name	Description
0	Standard	Standard
1	FRA	Forward Rate Agreement (FRA)

Used in components: [PaymentStream](#)

### 170.2.3880 PaymentStreamFinalPricePaymentDateAdjusted

The adjusted final price payment date.

Type: [LocalMktDate](#)

Used in components: [PaymentStreamFinalPricePaymentDate](#)

### 170.2.3881 PaymentStreamFinalPricePaymentDate

PaymentStreamFinalPricePaymentDate is a subcomponent of the PaymentStreamPaymentDates component used to specify the final price payment date, e.g. for an equity return swap.

Name	Mult.	Type	Description
<a href="#">PaymentStreamFinalPricePaymentDateUnadjusted</a>	[0..1]	LocalMktDate	
<a href="#">PaymentStreamFinalPricePaymentDateRelativeTo</a>	[0..1]	int	
<a href="#">PaymentStreamFinalPricePaymentDateOffsetPeriod</a>	[0..1]	int	Conditionally required when PaymentStreamFinalPricePaymentDateOffsetUnit(42657) is specified.
<a href="#">PaymentStreamFinalPricePaymentDateOffsetUnit</a>	[0..1]	CodeSet	Conditionally required when PaymentStreamFinalPricePaymentDateOffsetPeriod(42656) is specified.
<a href="#">PaymentStreamFinalPricePaymentDateOffsetDayType</a>	[0..1]	CodeSet	
<a href="#">PaymentStreamFinalPricePaymentDateAdjusted</a>	[0..1]	LocalMktDate	

Used in components: [PaymentStreamPaymentDates](#)

**170.2.3882 PaymentStreamFinalPricePaymentDateOffsetDayType**

Specifies the day type of the relative final price payment date offset.

Type: **int**

Allowed values in PaymentStreamPaymentDateOffsetDayTypeCodeSet:

---

Code	Name	Description
0	Business	Business
1	Calendar	Calendar
2	CommodityBusiness	Commodity business
3	CurrencyBusiness	Currency business
4	ExchangeBusiness	Exchange business
5	ScheduledTradingDay	Scheduled trading day

---

Used in components: **PaymentStreamFinalPricePaymentDate**

**170.2.3883 PaymentStreamFinalPricePaymentDateOffsetPeriod**

Time unit multiplier for the relative final price payment date offset.

Type: **int**

Used in components: **PaymentStreamFinalPricePaymentDate**

**170.2.3884 PaymentStreamFinalPricePaymentDateOffsetUnit**

Time unit associated with the relative final price payment date offset.

Type: **String**

Allowed values in PaymentStreamPaymentDateOffsetUnitCodeSet:

---

Code	Name	Description
D	Day	Day
Wk	Week	Week
Mo	Month	Month
Yr	Year	Year

---

Used in components: **PaymentStreamFinalPricePaymentDate**

#### **170.2.3885 PaymentStreamFinalPricePaymentDateRelativeTo**

Specifies the anchor date when the final price payment date is relative to an anchor date.

See [http://www.fixtradingcommunity.org/codelists#Relative\\_To\\_Date](http://www.fixtradingcommunity.org/codelists#Relative_To_Date) for values.

Type: **int**

Used in components: **PaymentStreamFinalPricePaymentDate**

#### **170.2.3886 PaymentStreamFinalPricePaymentDateUnadjusted**

The unadjusted final price payment date.

Type: **LocalMktDate**

Used in components: **PaymentStreamFinalPricePaymentDate**

#### **170.2.3887 PaymentStreamFinalPrincipalExchangeIndicator**

Indicates whether there is a final exchange of principal on the termination date.

Type: **Boolean**

Used in components: **PaymentStream**

#### **170.2.3888 PaymentStreamFinalRate**

The floating rate determined at the final reset. The rate is expressed in decimal form, e.g. 5% is represented as 0.05.

Type: **Percentage**

Used in components: **PaymentStreamFloatingRate**

#### **170.2.3889 PaymentStreamFinalRatePrecision**

Specifies the rounding precision in terms of a number of decimal places. Note how a percentage rate rounding of 5 decimal places is expressed as a rounding precision of 7.

Type: **int**

Used in components: **PaymentStreamFloatingRate**

**170.2.3890 PaymentStreamFinalRateRoundingDirection**

Specifies the rounding direction.

Type: **char**

Allowed values in RoundingDirectionCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	RoundToNearest	Round to nearest
1	RoundDown	Round down
2	RoundUp	Round up

---

Used in components: **PaymentStreamFloatingRate**

**170.2.3891 PaymentStreamFirstObservationDateAdjusted**

The adjusted initial price observation date.

Type: **LocalMktDate**

Used in components: **PaymentStreamFloatingRate**

**170.2.3892 PaymentStreamFirstObservationDateOffsetDayType**

Specifies the day type of the initial price observation date offset.

Type: **int**

Allowed values in PaymentStreamPaymentDateOffsetDayTypeCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	Business	Business
1	Calendar	Calendar
2	CommodityBusiness	Commodity business
3	CurrencyBusiness	Currency business
4	ExchangeBusiness	Exchange business
5	ScheduledTradingDay	Scheduled trading day

---

Used in components: **PaymentStreamFloatingRate**



**170.2.3893 PaymentStreamFirstObservationDateOffsetPeriod**

Time unit multiplier for the relative first observation date offset.

Type: **int**

Used in components: **PaymentStreamFloatingRate**

**170.2.3894 PaymentStreamFirstObservationDateOffsetUnit**

Time unit associated with the relative first observation date offset.

Type: **String**

Allowed values in PaymentStreamPaymentDateOffsetUnitCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
D	Day	Day
Wk	Week	Week
Mo	Month	Month
Yr	Year	Year

---

Used in components: **PaymentStreamFloatingRate**

**170.2.3895 PaymentStreamFirstObservationDateRelativeTo**

Specifies the anchor date when the initial price observation date is relative to an anchor date.

See [http://www.fixtradingcommunity.org/codelists#Relative\\_To\\_Date](http://www.fixtradingcommunity.org/codelists#Relative_To_Date) for values.

Type: **int**

Used in components: **PaymentStreamFloatingRate**

**170.2.3896 PaymentStreamFirstObservationDateUnadjusted**

The unadjusted initial price observation date.

Type: **LocalMktDate**

Used in components: **PaymentStreamFloatingRate**

**170.2.3897 PaymentStreamFirstPaymentDateUnadjusted**

The unadjusted first payment date.

Type: [LocalMktDate](#)

Used in components: [PaymentStreamPaymentDates](#)

**170.2.3898 PaymentStreamFixedAmount**

The payment stream's fixed payment amount. In CDS an alternative to PaymentStreamRate(40784).

Type: [Amt](#)

Used in components: [PaymentStreamFixedRate](#)

**170.2.3899 PaymentStreamFixedAmountUnitOfMeasure**

Specifies the fixed payment amount unit of measure (UOM).

Type: [String](#)

Allowed values in UnitOfMeasureCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
Alw	Allowances	Allowances
Bcf	BillionCubicFeet	Billion cubic feet
Bbl	Barrels	Barrels. Equal to 42 US gallons
CBM	CubicMeters	Cubic Meters
BDFT	BoardFeet	Board feet. Equal to 144 cubic inches
GJ	Gigajoules	gigajoules
Bu	Bushels	Bushels
kHR	HeatRate	Heat rate. The number of BTUs required to produce one kilowatt hour of electricity, typically 3,412.14 BTUs per 1 kWh.
Ccy	Currency	Amount of currency
kWh	KilowattHours	Kilowatt hours
CDD	CoolingDegreeDay	Cooling degree day
MHR	MegaHeatRate	Mega heat rate. The number of million BTUs required to produce one megawatt hour of electricity, typically 3.41214 million BTUs per 1 MWh.
CER	CertifiedEmissionsReduction	Certified emissions reduction

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
MMBtu	OneMillionBTU	One Million BTU
CPD	CriticalPrecipDay	Critical precipitation day
MWh	MegawattHours	Megawatt hours
CRT	ClimateReserveTonnes	Climate reserve tonnes
thm	Therms	therms. Equal to 100,000 BTU
cwt	Hundredweight	Hundredweight(US). Equal to 100 lbs
tnCO2	TonsOfCarbonDioxide	Tons of carbon dioxide
day	Day	Days
dt	DryMetricTons	Dry metric tons
EnvAllwnc	EnvAllwncCert	Environmental allowance certificates
EnvCrd	EnvironmentalCredit	Environmental credit
EnvOfst	EnvironmentalOffset	Environmental Offset
g	Grams	Grams
Gal	Gallons	Gallons
GT	GrossTons	Gross tons. Also known as long tons or imperial tons, equal to 2240 lbs
HDD	HeatingDegreeDay	Heating degree day
IPNT	IndexPoint	Index point
kg	Kilograms	Kilograms
kL	Kiloliters	kiloliters
kW-a	KilowattYear	Kilowatt year (electrical capacity)
kW-d	KilowattDay	Kilowatt day (electrical capacity)
kW-h	KilowattHour	Kilowatt hour (electrical capacity)
kW-M	KilowattMonth	Kilowatt month (electrical capacity)
kW-min	KilowattMinute	Kilowatt-Minute (electrical capacity)
L	Liters	liters
lbs	Pounds	pounds
MW-a	MegawattYear	Megawatt year (electrical capacity)
MW-d	MegawattDay	Megawatt day (electrical capacity)
MW-h	MegawattHour	Megawatt hour (electrical capacity)
MW-M	MegawattMonth	Megawatt month (electrical capacity)
MW-min	MegawattMinute	Megawatt minute (electrical capacity)
oz_tr	TroyOunces	Troy ounces
PRINC	PrincipalWithRelationToDebtInstru- ment	Principal with relation to debt instrument

<b>Code</b>	<b>Name</b>	<b>Description</b>
t	MetricTons	Metric tons. Also known as Tonnes, equal to 1000 kg
tn	Tons	Tons (US). Equal to 2000 lbs
a	Are	Are
ac	Acre	Acre
cL	Centiliter	Centiliter
cM	Centimeter	Centimeter
DGE	DieselGallonEquivalent	Diesel gallon equivalent
ft	Foot	Foot
Gal_gb	GBGallon	GB Gallon
GGE	GasolineGallonEquivalent	Gasonline gallon equivalent
ha	Hectare	Hectare
in	Inch	Inch
kM	Kilometer	Kilometer
M	Meter	Meter
mi	Mile	Mile
mL	Milliliter	Milliliter
mM	Millimeter	Millimeter
oz	USOunce	US ounce
pc	Piece	Piece
pt	USPint	US Pint
pt_gb	GBPint	GB pint
qt	USQuart	US Quart
qt_gb	GBQuart	GB Quart
SqcM	SquareCentimeter	Square centimeter
Sqft	SquareFoot	Square foot
Sqin	SquareInch	Square inch
SqkM	SquareKilometer	Square kilometer
SqM	SquareMeter	Square meter
Sqmi	SquareMile	Square mile
SqmM	SquareMillimeter	Square millimeter
Sqyd	SquareYard	Square yard
yd	Yard	Yard
MMbbl	MillionBarrels	Million Barrels
USD	USDollars	US Dollars

Used in components: [PaymentStreamFixedRate](#)

### 170.2.3900 PaymentStreamFixedRate

PaymentStreamFixedRate is a subcomponent of the PaymentStream component used to report the fixed rate or fixed payment amount of the stream.

Name	Mult.	Type	Description
<a href="#">PaymentStreamRate</a>	[0..1]	Percentage	Mutually exclusive with PaymentStreamFixedAmount(40785).
<a href="#">PaymentStreamFixedAmount</a>	[0..1]	Amt	Mutually exclusive with PaymentStreamRate(40784).
<a href="#">PaymentStreamRateOrAmountCurrency</a>	[0..1]	Currency	
<a href="#">PaymentStreamFixedAmountUnitOfMeasure</a>	[0..1]	CodeSet	
<a href="#">PaymentStreamTotalFixedAmount</a>	[0..1]	Amt	
<a href="#">PaymentStreamFutureValueNotional</a>	[0..1]	Amt	
<a href="#">PaymentStreamFutureValueDateAdjusted</a>	[0..1]	LocalMktDate	
<a href="#">PaymentStreamWorldScaleRate</a>	[0..1]	float	
<a href="#">PaymentStreamContractPrice</a>	[0..1]	Price	
<a href="#">PaymentStreamContractPriceCurrency</a>	[0..1]	Currency	

Used in components: [PaymentStream](#)

### 170.2.3901 PaymentStreamFixingDate

The fixing date. The type of date is specified in PaymentStreamFixingDateType(42662).

Type: [LocalMktDate](#)

Used in groups: [PaymentStreamFixingDateGrp](#)

### 170.2.3902 PaymentStreamFixingDateAdjusted

The adjusted fixing date.

Type: [LocalMktDate](#)

Used in components: [PaymentStreamResetDates](#)

### 170.2.3903 [PaymentStreamFixingDateBusinessCenter](#)

The business center calendar used to adjust the payment stream's fixing date, e.g. "GBLO".

See <http://www.fpml.org/coding-scheme/business-center> for standard 4-character code values.

Type: [String](#)

Used in groups: [PaymentStreamFixingDateBusinessCenterGrp](#)

### 170.2.3904 [PaymentStreamFixingDateBusinessCenterGrp](#)

[PaymentStreamFixingDateBusinessCenterGrp](#) is a repeating subcomponent within the [PaymentStreamResetDates](#) component. It is used to specify the set of business centers whose calendars drive the date adjustment. Used only to override the business centers defined in the [DateAdjustment](#) component in [Instrument](#).

Name	Mult.	Type	Description
<a href="#">NoPaymentStreamFixingDateBusinessCenters</a>	[1..1]	NumInGroup	
<a href="#">PaymentStreamFixingDateBusinessCenter</a>	[0..1]	String	Required if <a href="#">NoPaymentStreamFixingDateBusinessCenters</a> (40950) > 0.

Used in components: [PaymentStreamResetDates](#)

### 170.2.3905 [PaymentStreamFixingDateBusinessDayConvention](#)

The business day convention used to adjust the payment stream's fixing date. Used only to override the business day convention specified in the [DateAdjustment](#) component within the [Instrument](#) component.

Type: [int](#)

Allowed values in [BusinessDayConventionCodeSet](#):

Code	Name	Description
0	NotApplicable	Not applicable. Business day convention is not applicable.

Code	Name	Description
1	None	None (current day)
2	FollowingDay	Following day. The following business day.
3	FloatingRateNote	Floating rate note. The FRN business day convention.
4	ModifiedFollowingDay	Modified following day. The modified following business day.
5	PrecedingDay	Preceding day. The preceding business day.
6	ModifiedPrecedingDay	Modified preceding day. The modified preceding business day.
7	NearestDay	Nearest day. The nearest applicable business day.

Used in components: [PaymentStreamResetDates](#)

### 170.2.3906 PaymentStreamFixingDateGrp

PaymentStreamFixingDateGrp is a subcomponent of the PaymentStreamResetDates component used to specify predetermined fixing dates.

Name	Mult.	Type	Description
<a href="#">NoPaymentStreamFixingDates</a>	[1..1]	NumInGroup	
<a href="#">PaymentStreamFixingDate</a>	[0..1]	LocalMktDate	Required if NoPaymentStreamFixingDates(42660) > 0.
<a href="#">PaymentStreamFixingDateType</a>	[0..1]	CodeSet	When specified it applies not only to the current date instance but to all subsequent date instances in the group until overridden when a new type is specified.

Used in components: [PaymentStreamResetDates](#)

### 170.2.3907 PaymentStreamFixingDateOffsetDayType

Specifies the day type of the relative fixing date offset.

Type: [int](#)

Allowed values in PaymentStreamPaymentDateOffsetDayTypeCodeSet:

---

Code	Name	Description
0	Business	Business
1	Calendar	Calendar
2	CommodityBusiness	Commodity business
3	CurrencyBusiness	Currency business
4	ExchangeBusiness	Exchange business
5	ScheduledTradingDay	Scheduled trading day

---

Used in components: [PaymentStreamResetDates](#)

### **170.2.3908 PaymentStreamFixingDateOffsetPeriod**

Time unit multiplier for the relative fixing date offset.

Type: [int](#)

Used in components: [PaymentStreamResetDates](#)

### **170.2.3909 PaymentStreamFixingDateOffsetUnit**

Time unit associated with the relative fixing date offset.

Type: [String](#)

Allowed values in PaymentStreamPaymentDateOffsetUnitCodeSet:

---

Code	Name	Description
D	Day	Day
Wk	Week	Week
Mo	Month	Month
Yr	Year	Year

---

Used in components: [PaymentStreamResetDates](#)

### **170.2.3910 PaymentStreamFixingDateRelativeTo**

Specifies the anchor date when the fixing date is relative to an anchor date.



See [http://www.fixtradingcommunity.org/codelists#Relative\\_To\\_Date](http://www.fixtradingcommunity.org/codelists#Relative_To_Date) for values.

Type: **int**

Used in components: **PaymentStreamResetDates**

### **170.2.3911 PaymentStreamFixingDateType**

Specifies the type of fixing date (e.g. adjusted for holidays).

Type: **int**

Allowed values in NonDeliverableFixingDateTypeCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	Unadjusted	Unadjusted
1	Adjusted	Adjusted

---

Used in groups: **PaymentStreamFixingDateGrp**

### **170.2.3912 PaymentStreamFlatRateAmount**

Specifies the actual monetary value of the flat rate when PaymentStreamFlatRateIndicator(41180) = 'Y'.

Type: **Amt**

Used in components: **PaymentStream**

### **170.2.3913 PaymentStreamFlatRateCurrency**

Specifies the currency of the actual flat rate. Uses ISO 4217 currency codes.

Type: **Currency**

Used in components: **PaymentStream**

### **170.2.3914 PaymentStreamFlatRateIndicator**

When this element is specified and set to 'Y', the Flat Rate is the New Worldwide Tanker Nominal Freight Scale for the Freight Index Route taken at the Trade Date of the transaction "Fixed". If 'N' it is taken on each Pricing Date "Floating".

Type: **Boolean**

Used in components: **PaymentStream**

### 170.2.3915 PaymentStreamFloatingRate

PaymentStreamFloatingRate is a subcomponent of the PaymentStream component used to report the floating rate attributes of the stream.

Name	Mult.	Type	Description
PaymentStreamRateIndex	[0..1]	String	
PaymentStreamRateIndexSource	[0..1]	CodeSet	
PaymentStreamRateIndexID	[0..1]	String	Conditionally required when PaymentStreamRateIndexIDSource(43091) is specified.
PaymentStreamRateIndexIDSource	[0..1]	CodeSet	Conditionally required when PaymentStreamRateIndexID(43090) is specified.
PaymentStreamRateIndexCurveUnit	[0..1]	CodeSet	Conditionally required when PaymentStreamRateIndexCurvePeriod(40792) is specified.
PaymentStreamRateIndexCurvePeriod	[0..1]	int	Conditionally required when PaymentStreamRateIndexCurveUnit(40791) is specified.
PaymentStreamRateIndex2	[0..1]	String	
PaymentStreamRateIndex2Source	[0..1]	CodeSet	
PaymentStreamRateIndex2ID	[0..1]	String	Conditionally required when PaymentStreamRateIndex2IDSource(43115) is specified.
PaymentStreamRateIndex2IDSource	[0..1]	CodeSet	Conditionally required when PaymentStreamRateIndex2ID(43114) is specified.
PaymentStreamRateIndex2CurvePeriod	[0..1]	int	Conditionally required when PaymentStreamRateIndex2CurveUnit(41195) is specified.
PaymentStreamRateIndex2CurveUnit	[0..1]	CodeSet	Conditionally required when PaymentStreamRateIndex2CurvePeriod(41194) is specified.
PaymentStreamRateIndexLocation	[0..1]	String	
PaymentStreamRateIndexLevel	[0..1]	Qty	
PaymentStreamRateIndexUnitOfMeasure	[0..1]	CodeSet	

Name	Mult.	Type	Description
PaymentStreamSettlLevel	[0..1]	CodeSet	
PaymentStreamReferenceLevel	[0..1]	Qty	
PaymentStreamReferenceLevelUnitOfMeasure	[0..1]	CodeSet	
PaymentStreamReferenceLevelEqualsZeroIndicator	[0..1]	Boolean	
PaymentStreamRateMultiplier	[0..1]	float	
PaymentStreamRateSpread	[0..1]	PriceOffset	
PaymentStreamRateSpreadCurrency	[0..1]	Currency	
PaymentStreamRateSpreadUnitOfMeasure	[0..1]	CodeSet	
PaymentStreamRateConversionFactor	[0..1]	float	
PaymentStreamRateSpreadType	[0..1]	CodeSet	
PaymentStreamRateSpreadPositionType	[0..1]	CodeSet	
PaymentStreamRateTreatment	[0..1]	CodeSet	
PaymentStreamCapRate	[0..1]	Percentage	
PaymentStreamCapRateBuySide	[0..1]	CodeSet	
PaymentStreamCapRateSellSide	[0..1]	CodeSet	
PaymentStreamFloorRate	[0..1]	Percentage	
PaymentStreamFloorRateBuySide	[0..1]	CodeSet	
PaymentStreamFloorRateSellSide	[0..1]	CodeSet	
PaymentStreamInitialRate	[0..1]	Percentage	
PaymentStreamLastResetRate	[0..1]	Percentage	
PaymentStreamFinalRate	[0..1]	Percentage	
PaymentStreamFinalRateRoundingDirection	[0..1]	CodeSet	
PaymentStreamFinalRatePrecision	[0..1]	int	
PaymentStreamAveragingMethod	[0..1]	CodeSet	
PaymentStreamNegativeRateTreatment	[0..1]	CodeSet	
PaymentStreamCalculationLagPeriod	[0..1]	int	Conditionally required when PaymentStreamCalculationLagUnit(41210) is specified.
PaymentStreamCalculationLagUnit	[0..1]	CodeSet	Conditionally required when PaymentStreamCalculationLagPeriod(41209) is specified.

Name	Mult.	Type	Description
PaymentStreamFirstObservationDate-Unadjusted	[0..1]	LocalMktDate	
PaymentStreamFirstObservationDateRelativeTo	[0..1]	int	
PaymentStreamFirstObservationDateOffsetDayType	[0..1]	CodeSet	
PaymentStreamFirstObservationDateOffsetPeriod	[0..1]	int	Conditionally required when PaymentStreamFirstObservationOffsetUnit(41212) is specified.
PaymentStreamFirstObservationDateOffsetUnit	[0..1]	CodeSet	Conditionally required when PaymentStreamFirstObservationOffsetPeriod(41211) is specified.
PaymentStreamFirstObservationDateAdjusted	[0..1]	LocalMktDate	
PaymentStreamPricingDayType	[0..1]	CodeSet	
PaymentStreamPricingDayDistribution	[0..1]	CodeSet	
PaymentStreamPricingDayCount	[0..1]	int	
PaymentStreamPricingBusinessCalendar	[0..1]	String	
PaymentStreamPricingBusinessDayConvention	[0..1]	CodeSet	When specified, this overrides the business day convention defined in the DateAdjustment component in Instrument. The specified value would be specific to this instance of pricing dates.
PaymentStreamPricingBusinessCenterGrp	[0..*]	Group	When specified, this overrides the business centers defined in the DateAdjustment component in Instrument. The specified values would be specific to this instance of pricing dates.
PaymentStreamPricingDayGrp	[0..*]	Group	
PaymentStreamPricingDateGrp	[0..*]	Group	
PaymentStreamInflationLagPeriod	[0..1]	int	Conditionally required when PaymentStreamInflationLagUnit(40809) is specified.
PaymentStreamInflationLagUnit	[0..1]	CodeSet	Conditionally required when PaymentStreamInflationLagPeriod(40808) is specified.
PaymentStreamInflationLagDayType	[0..1]	CodeSet	
PaymentStreamInflationInterpolationMethod	[0..1]	CodeSet	
PaymentStreamInflationIndexSource	[0..1]	CodeSet	
PaymentStreamInflationPublicationSource	[0..1]	String	

Name	Mult.	Type	Description
PaymentStreamInflationInitialIndexLevel	[0..1]	float	
PaymentStreamInflationFallbackBondApplicable	[0..1]	Boolean	
PaymentStreamFRADiscounting	[0..1]	CodeSet	
PaymentStreamUnderlierRefID	[0..1]	String	
PaymentStreamFormula	[0..1]	Component	
DividendConditions	[0..1]	Component	
ReturnRateNotionalReset	[0..1]	Boolean	
ReturnRateGrp	[0..*]	Group	
PaymentStreamLinkInitialLevel	[0..1]	Price	
PaymentStreamLinkClosingLevelIndicator	[0..1]	Boolean	
PaymentStreamLinkExpiringLevelIndicator	[0..1]	Boolean	
PaymentStreamLinkEstimatedTradingDays	[0..1]	int	
PaymentStreamLinkStrikePrice	[0..1]	Price	
PaymentStreamLinkStrikePriceType	[0..1]	CodeSet	
PaymentStreamLinkMaximumBoundary	[0..1]	float	
PaymentStreamLinkMinimumBoundary	[0..1]	float	
PaymentStreamLinkNumberOfDataSeries	[0..1]	int	
PaymentStreamVarianceUnadjustedCap	[0..1]	float	
PaymentStreamRealizedVarianceMethod	[0..1]	CodeSet	
PaymentStreamDaysAdjustmentIndicator	[0..1]	Boolean	
PaymentStreamNearestExchangeContractRefID	[0..1]	String	
PaymentStreamVegaNotionalAmount	[0..1]	float	

Used in components: [PaymentStream](#)

**170.2.3916 PaymentStreamFloorRate**

The floor rate, if any, which applies to the floating rate. The floor rate (strike) is only required where the floating rate on a swap stream is floored at a certain strike level. The floor rate is assumed to be exclusive of any spread and is a per annum rate, expressed as a decimal. A floor rate of 5% would be represented as 0.05.

Type: **Percentage**

Used in components: **PaymentStreamFloatingRate**

**170.2.3917 PaymentStreamFloorRateBuySide**

Reference to the buyer of the floor rate option through its trade side.

Type: **int**

Allowed values in PaymentStreamFloorRateBuySideCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
1	Buyer	Buyer of the trade
2	Seller	Seller of the trade

---

Used in components: **PaymentStreamFloatingRate**

**170.2.3918 PaymentStreamFloorRateSellSide**

Reference to the seller of the floor rate option through its trade side.

Type: **int**

Allowed values in PaymentStreamFloorRateBuySideCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
1	Buyer	Buyer of the trade
2	Seller	Seller of the trade

---

Used in components: **PaymentStreamFloatingRate**

**170.2.3919 PaymentStreamFormula**

Contains an XML representation of the formula. Defined for flexibility in choice of language (MathML, OpenMath or text).

Type: [XMLData](#)

Used in groups: [PaymentStreamFormulaMathGrp](#)

**170.2.3920 PaymentStreamFormula**

PaymentStreamFormula is a subcomponent of the PaymentStreamFloatingRate component used to report the parameters for determining the floating rate of the stream e.g. for equity swaps.

---

Name	Mult.	Type	Description
<a href="#">PaymentStreamFormulaCurrency</a>	[0..1]	Currency	
<a href="#">PaymentStreamFormulaCurrencyDe-terminationMethod</a>	[0..1]	String	
<a href="#">PaymentStreamFormulaRefer-enceAmount</a>	[0..1]	int	
<a href="#">PaymentStreamFormulaMathGrp</a>	[0..*]	Group	
<a href="#">PaymentStreamFormulaImage</a>	[0..1]	Component	

---

Used in components: [PaymentStreamFloatingRate](#)

**170.2.3921 PaymentStreamFormulaCurrency**

The currency in which the formula amount is denominated. Uses ISO 4217 currency codes.

Type: [Currency](#)

Used in components: [PaymentStreamFormula](#)

**170.2.3922 PaymentStreamFormulaCurrencyDeterminationMethod**

Specifies the method according to which the formula amount currency is determined.

See <http://www.fpml.org/coding-scheme/determination-method> for values.

Type: [String](#)

Used in components: [PaymentStreamFormula](#)

**170.2.3923 PaymentStreamFormulaDesc**

A description of the math formula in PaymentStreamFormula(42684).

Type: **String**

Used in groups: **PaymentStreamFormulaMathGrp**

**170.2.3924 PaymentStreamFormulImage**

Image of the formula image when represented through an encoded clip in base64Binary.

Type: **data**

Used in components: **PaymentStreamFormulImage**

**170.2.3925 PaymentStreamFormulImage**

PaymentStreamFormulImage is a subcomponent of the PaymentStreamFormula component used to include a base64Binary-encoded image clip of the formula.

---

Name	Mult.	Type	Description
<b>PaymentStreamFormulImageLength</b>	[0..1]	Length	Conditionally required when PaymentStreamFormulImage(42653) is specified.
<b>PaymentStreamFormulImage</b>	[0..1]	data	Conditionally required when PaymentStreamFormulImageLength(42652) is specified.

---

Used in components: **PaymentStreamFormula**

**170.2.3926 PaymentStreamFormulImageLength**

Length in bytes of the PaymentStreamFormulImage(42563) field.

Type: **Length**

Used in components: **PaymentStreamFormulImage**



**170.2.3927 PaymentStreamFormulaLength**

Byte length of encoded (non-ASCII characters) PaymentStreamFormula(42648) field.

Type: **Length**

Used in groups: **PaymentStreamFormulaMathGrp**

**170.2.3928 PaymentStreamFormulaMathGrp**

PaymentStreamFormulaMathGrp is a repeating subcomponent within the PaymentStreamFormula component. It is used to specify the set of formulas, sub-formulas and descriptions from which the rate is derived.

Name	Mult.	Type	Description
NoPaymentStreamFormulas	[1..1]	NumInGroup	
PaymentStreamFormulaLength	[0..1]	Length	Required if NoPaymentStreamFormulas(42683) > 0.
PaymentStreamFormula	[0..1]	XMLData	Required if NoPaymentStreamFormulas(42683) > 0.
PaymentStreamFormulaDesc	[0..1]	String	

Used in components: **PaymentStreamFormula**

**170.2.3929 PaymentStreamFormulaReferenceAmount**

Specifies the reference amount when this term either corresponds to the standard ISDA Definition (either the 2002 Equity Definition for the Equity Amount, or the 2000 Definition for the Interest Amount), or refers to a term defined elsewhere in the swap document.

See [http://www.fixtradingcommunity.org/codelists#Payment\\_Amount\\_Relative\\_To](http://www.fixtradingcommunity.org/codelists#Payment_Amount_Relative_To) for code list of reference amounts.

Type: **int**

Used in components: **PaymentStreamFormula**

**170.2.3930 PaymentStreamFRADiscounting**

The method of Forward Rate Agreement (FRA) discounting, if any, that will apply.

Type: **int**

Allowed values in PaymentStreamFRADiscountingCodeSet:

---

Code	Name	Description
0	None	None
1	ISDA	International Swaps and Derivatives Association (ISDA)
2	AFMA	Australian Financial Markets Association (AFMA)

---

Used in components: **PaymentStreamFloatingRate**

### **170.2.3931 PaymentStreamFutureValueDateAdjusted**

The adjusted value date of the future value amount.

Type: **LocalMktDate**

Used in components: **PaymentStreamFixedRate**

### **170.2.3932 PaymentStreamFutureValueNotional**

The future value notional is normally only required for certain non-deliverable interest rate swaps (e.g. Brazillian Real (BRL) vs. CETIP Interbank Deposit Rate (CDI)). The value is calculated as follows: Future Value Notional = Notional Amount \* (1 + Fixed Rate) ^ (Fixed Rate Day Count Fraction). The currency is the same as the stream notional.

Type: **Amt**

Used in components: **PaymentStreamFixedRate**

### **170.2.3933 PaymentStreamInflationFallbackBondApplicable**

Indicates whether a fallback bond as defined in the 2006 ISDA Inflation Derivatives Definitions, sections 1.3 and 1.8, is applicable or not. If not specified, the default value is "Y" (True/Yes).

Type: **Boolean**

Used in components: **PaymentStreamFloatingRate**

**170.2.3934 PaymentStreamInflationIndexSource**

The inflation index reference source.

Type: **int**

Allowed values in PaymentStreamRateIndexSourceCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	Bloomberg	Bloomberg
1	Reuters	Reuters
2	Telerate	Telerate
99	Other	Other

---

Used in components: **PaymentStreamFloatingRate**

**170.2.3935 PaymentStreamInflationInitialIndexLevel**

Initial known index level for the first calculation period.

Type: **float**

Used in components: **PaymentStreamFloatingRate**

**170.2.3936 PaymentStreamInflationInterpolationMethod**

The method used when calculating the Inflation Index Level from multiple points - the most common is Linear.

Type: **int**

Allowed values in PaymentStreamInflationInterpolationMethodCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	None	None
1	LinearZeroYield	Linear zero yield

---

Used in components: **PaymentStreamFloatingRate**

**170.2.3937 PaymentStreamInflationLagDayType**

The inflation lag period day type.

Type: **int**

Allowed values in PaymentStreamInflationLagDayTypeCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	Business	Business
1	Calendar	Calendar
2	CommodityBusiness	Commodity business
3	CurrencyBusiness	Currency business
4	ExchangeBusiness	Exchange business
5	ScheduledTradingDay	Scheduled trading day

---

Used in components: **PaymentStreamFloatingRate**

**170.2.3938 PaymentStreamInflationLagPeriod**

Time unit multiplier for the inflation lag period. The lag period is the offsetting period from the payment date which determines the reference period for which the inflation index is observed.

Type: **int**

Used in components: **PaymentStreamFloatingRate**

**170.2.3939 PaymentStreamInflationLagUnit**

Time unit associated with the inflation lag period.

Type: **String**

Allowed values in PaymentStreamInflationLagUnitCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
D	Day	Day
Wk	Week	Week
Mo	Month	Month

---

Code	Name	Description
Yr	Year	Year

Used in components: [PaymentStreamFloatingRate](#)

#### **170.2.3940 PaymentStreamInflationPublicationSource**

The current main publication source such as relevant web site or a government body.

Type: [String](#)

Used in components: [PaymentStreamFloatingRate](#)

#### **170.2.3941 PaymentStreamInitialFixingDateAdjusted**

The adjusted initial fixing date.

Type: [LocalMktDate](#)

Used in components: [PaymentStreamResetDates](#)

#### **170.2.3942 PaymentStreamInitialFixingDateBusinessCenter**

The business center calendar used to adjust the payment stream's initial fixing date, e.g. "GBLO".

See <http://www.fpml.org/coding-scheme/business-center> for standard 4-character code values.

Type: [String](#)

Used in groups: [PaymentStreamInitialFixingDateBusinessCenterGrp](#)

#### **170.2.3943 PaymentStreamInitialFixingDateBusinessCenterGrp**

[PaymentStreamInitialFixingDateBusinessCenterGrp](#) is a repeating subcomponent within the [PaymentStreamResetDates](#) component. It is used to specify the set of business centers whose calendars drive the date adjustment. Used only to override the business centers defined in the [DateAdjustment](#) component in [Instrument](#).

Name	Mult.	Type	Description
NoPaymentStreamInitialFixingDate-BusinessCenters	[1..1]	NumInGroup	
PaymentStreamInitialFixingDateBusinessCenter	[0..1]	String	Required if NoPaymentStreamInitialFixingDate-BusinessCenters(40949) > 0.

Used in components: [PaymentStreamResetDates](#)

### 170.2.3944 PaymentStreamInitialFixingDateBusinessDayConvention

The business day convention used to adjust the payment stream's initial fixing date. Used only to override the business day convention specified in the DateAdjustment component within the Instrument component.

Type: [int](#)

Allowed values in BusinessDayConventionCodeSet:

Code	Name	Description
0	NotApplicable	Not applicable. Business day convention is not applicable.
1	None	None (current day)
2	FollowingDay	Following day. The following business day.
3	FloatingRateNote	Floating rate note. The FRN business day convention.
4	ModifiedFollowingDay	Modified following day. The modified following business day.
5	PrecedingDay	Preceding day. The preceding business day.
6	ModifiedPrecedingDay	Modified preceding day. The modified preceding business day.
7	NearestDay	Nearest day. The nearest applicable business day.

Used in components: [PaymentStreamResetDates](#)

### 170.2.3945 PaymentStreamInitialFixingDateOffsetDayType

Specifies the day type of the relative initial fixing date offset.

Type: [int](#)

Allowed values in PaymentStreamPaymentDateOffsetDayTypeCodeSet:

---

Code	Name	Description
0	Business	Business
1	Calendar	Calendar
2	CommodityBusiness	Commodity business
3	CurrencyBusiness	Currency business
4	ExchangeBusiness	Exchange business
5	ScheduledTradingDay	Scheduled trading day

---

Used in components: [PaymentStreamResetDates](#)

### **170.2.3946 PaymentStreamInitialFixingDateOffsetPeriod**

Time unit multiplier for the relative initial fixing date offset.

Type: [int](#)

Used in components: [PaymentStreamResetDates](#)

### **170.2.3947 PaymentStreamInitialFixingDateOffsetUnit**

Time unit associated with the relative initial fixing date offset.

Type: [String](#)

Allowed values in PaymentStreamPaymentDateOffsetUnitCodeSet:

---

Code	Name	Description
D	Day	Day
Wk	Week	Week
Mo	Month	Month
Yr	Year	Year

---

Used in components: [PaymentStreamResetDates](#)

### **170.2.3948 PaymentStreamInitialFixingDateRelativeTo**

Specifies the anchor date when the initial fixing date is relative to an anchor date.

See [http://www.fixtradingcommunity.org/codelists#Relative\\_To\\_Date](http://www.fixtradingcommunity.org/codelists#Relative_To_Date) for values.

Type: **int**

Used in components: **PaymentStreamResetDates**

#### **170.2.3949 PaymentStreamInitialPrincipalExchangeIndicator**

Indicates whether there is an initial exchange of principal on the effective date.

Type: **Boolean**

Used in components: **PaymentStream**

#### **170.2.3950 PaymentStreamInitialRate**

The initial floating rate reset agreed between the principal parties involved in the trade. This is assumed to be the first required reset rate for the first regular calculation period. It should only be included when the rate is not equal to the rate published on the source implied by the floating rate index. An initial rate of 5% would be represented as 0.05.

Type: **Percentage**

Used in components: **PaymentStreamFloatingRate**

#### **170.2.3951 PaymentStreamInterimPrincipalExchangeIndicator**

Indicates whether there are intermediate or interim exchanges of principal during the term of the swap.

Type: **Boolean**

Used in components: **PaymentStream**

#### **170.2.3952 PaymentStreamInterpolationMethod**

The method used when calculating the index rate from multiple points on the curve. The most common is linear method.

Type: **int**

Allowed values in **PaymentStreamInflationInterpolationMethodCodeSet**:



---

Code	Name	Description
0	None	None
1	LinearZeroYield	Linear zero yield

---

Used in components: [PaymentStream](#)

### 170.2.3953 [PaymentStreamInterpolationPeriod](#)

Defines applicable periods for interpolation.

Type: [int](#)

Allowed values in [PaymentStreamInterpolationPeriodCodeSet](#):

---

Code	Name	Description
0	Initial	Initial. Interpolation is applicable to the initial period only.
1	InitialAndFinal	Initial and final. Interpolation is applicable to the initial and final periods only.
2	Final	Final. Interpolation is applicable to the final period only.
3	AnyPeriod	Any period. Interpolation is applicable to any non-standard period.

---

Used in components: [PaymentStream](#)

### 170.2.3954 [PaymentStreamLastRegularPaymentDateUnadjusted](#)

The unadjusted last regular payment date.

Type: [LocalMktDate](#)

Used in components: [PaymentStreamPaymentDates](#)

### 170.2.3955 [PaymentStreamLastResetRate](#)

The floating rate determined at the most recent reset. The rate is expressed in decimal form, e.g. 5% is represented as 0.05.

Type: [Percentage](#)

Used in components: [PaymentStreamFloatingRate](#)

**170.2.3956 PaymentStreamLinkClosingLevelIndicator**

Indicates whether the correlation or variance swap contract will ("Y") strike off the closing level of the default exchange traded contract or not.

Type: **Boolean**

Used in components: **PaymentStreamFloatingRate**

**170.2.3957 PaymentStreamLinkEstimatedTradingDays**

The expected number of trading days in the variance or correlation swap stream.

Type: **int**

Used in components: **PaymentStreamFloatingRate**

**170.2.3958 PaymentStreamLinkExpiringLevelIndicator**

Indicates whether the correlation or variance swap contract will ("Y") strike off the expiring level of the default exchange traded contract or not.

Type: **Boolean**

Used in components: **PaymentStreamFloatingRate**

**170.2.3959 PaymentStreamLinkInitialLevel**

Price level at which the correlation or variance swap contract will strike.

Type: **Price**

Used in components: **PaymentStreamFloatingRate**

**170.2.3960 PaymentStreamLinkMaximumBoundary**

Specifies the maximum or upper boundary for variance or strike determination.

For a variation swap stream all observations above this price level will be excluded from the variance calculation.

For a correlation swap stream the maximum boundary is a percentage of the strike price.

Type: **float**

Used in components: **PaymentStreamFloatingRate**

**170.2.3961 PaymentStreamLinkMinimumBoundary**

Specifies the minimum or lower boundary for variance or strike determination.

For a variation swap stream all observations below this price level will be excluded from the variance calculation.

For a correlation swap stream the minimum boundary is a percentage of the strike price.

Type: **float**

Used in components: **PaymentStreamFloatingRate**

**170.2.3962 PaymentStreamLinkNumberOfDataSeries**

Number of data series for a correlation swap. Normal market practice is that correlation data sets are drawn from geographic market areas, such as America, Europe and Asia Pacific. Each of these geographic areas will have its own data series to avoid contagion.

Type: **int**

Used in components: **PaymentStreamFloatingRate**

**170.2.3963 PaymentStreamLinkStrikePrice**

The strike price of a correlation or variance swap stream.

Type: **Price**

Used in components: **PaymentStreamFloatingRate**

**170.2.3964 PaymentStreamLinkStrikePriceType**

For a variance swap specifies how PaymentStreamLinkStrikePrice(42673) is expressed.

Type: **int**

Allowed values in PaymentStreamLinkStrikePriceTypeCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	Volatility	Volatility
1	Variance	Variance

---

Used in components: **PaymentStreamFloatingRate**

#### **170.2.3965 PaymentStreamMarketRate**

Used only for credit index trade. This contains the credit spread ("fair value") at which the trade was executed. The market rate varies over the life of the index depending on market conditions. This is the price of the index as quoted by trading desks.

Type: **int**

Used in components: **PaymentStream**

#### **170.2.3966 PaymentStreamMasterAgreementPaymentDatesIndicator**

When set to 'Y', it indicates that payment dates are specified in the relevant master agreement.

Type: **Boolean**

Used in components: **PaymentStreamPaymentDates**

#### **170.2.3967 PaymentStreamMaximumPaymentAmount**

Specifies the limit on the total payment amount.

Type: **Amt**

Used in components: **PaymentStream**

#### **170.2.3968 PaymentStreamMaximumPaymentCurrency**

Specifies the currency of total payment amount limit. Uses ISO 4217 currency codes.

Type: **Currency**

Used in components: **PaymentStream**

#### **170.2.3969 PaymentStreamMaximumTransactionAmount**

Specifies the limit on the payment amount that goes out in any particular calculation period.

Type: **Amt**

Used in components: **PaymentStream**

**170.2.3970 PaymentStreamMaximumTransactionCurrency**

Specifies the currency of the period payment amount limit. Uses ISO 4217 currency codes.

Type: **Currency**

Used in components: **PaymentStream**

**170.2.3971 PaymentStreamNearestExchangeContractRefID**

References a contract listed on an exchange through the instrument's UnderlyingSecurityID(309) which must be fully specified in an instance of the UnderlyingInstrument component.

Type: **String**

Used in components: **PaymentStreamFloatingRate**

**170.2.3972 PaymentStreamNegativeRateTreatment**

The specification of any provisions for calculating payment obligations when a floating rate is negative (either due to a quoted negative floating rate or by operation of a spread that is subtracted from the floating rate).

Type: **int**

Allowed values in PaymentStreamNegativeRateTreatmentCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	ZeroInterestRateMethod	Zero interest rate method
1	NegativeInterestRateMethod	Negative interest rate method

---

Used in components: **PaymentStreamFloatingRate**

**170.2.3973 PaymentStreamNonDeliverableFixingDateGrp**

PaymentStreamNonDeliverableFixingDate is a subcomponent of the PaymentStreamNonDeliverable-SettlTerms component used to specify predetermined fixing dates.

Name	Mult.	Type	Description
NoNonDeliverableFixingDates	[1..1]	NumInGroup	
NonDeliverableFixingDate	[0..1]	LocalMktDate	Required if NoNonDeliverableFixingDates(40825) > 0.
NonDeliverableFixingDateType	[0..1]	CodeSet	When specified it applies not only to the current date but to all subsequent dates in the group until overridden with a new type.

Used in components: [PaymentStreamNonDeliverableSettlTerms](#)

### 170.2.3974 PaymentStreamNonDeliverableFixingDatesBusinessCenter

The business center calendar used to adjust the payment stream's fixing date for the non-deliverable terms, e.g. "GBLO".

See <http://www.fpml.org/coding-scheme/business-center> for standard 4-character code values.

Type: [String](#)

Used in groups: [PaymentStreamNonDeliverableFixingDatesBusinessCenterGrp](#)

### 170.2.3975 PaymentStreamNonDeliverableFixingDatesBusinessCenterGrp

PaymentStreamNonDeliverableFixingDatesBusinessCenterGrp is a repeating subcomponent within the PaymentStreamNonDeliverableSettlTerms component. It is used to specify the set of business centers whose calendars drive the date adjustment. Used only to override the business centers defined in the DateAdjustment component in Instrument.

Name	Mult.	Type	Description
NoPaymentStreamNonDeliverableFixingDatesBusinessCenters	[1..1]	NumInGroup	
PaymentStreamNonDeliverableFixingDatesBusinessCenter	[0..1]	String	Required if NoPaymentStreamNonDeliverableFixingDatesBusinessCenters(40946) > 0.

Used in components: [PaymentStreamNonDeliverableSettlTerms](#)

**170.2.3976 PaymentStreamNonDeliverableFixingDatesBusinessDayConvention**

The business day convention used to adjust the payment stream's fixing date for the non-deliverable settlement terms. Used only to override the business day convention specified in the DateAdjustment component within the Instrument component

Type: **int**

Allowed values in BusinessDayConventionCodeSet:

---

Code	Name	Description
0	NotApplicable	Not applicable. Business day convention is not applicable.
1	None	None (current day)
2	FollowingDay	Following day. The following business day.
3	FloatingRateNote	Floating rate note. The FRN business day convention.
4	ModifiedFollowingDay	Modified following day. The modified following business day.
5	PrecedingDay	Preceding day. The preceding business day.
6	ModifiedPrecedingDay	Modified preceding day. The modified preceding business day.
7	NearestDay	Nearest day. The nearest applicable business day.

---

Used in components: [PaymentStreamNonDeliverableSettlTerms](#)

**170.2.3977 PaymentStreamNonDeliverableFixingDatesOffsetDayType**

Specifies the day type of the relative non-deliverable fixing date offset.

Type: **int**

Allowed values in PaymentStreamPaymentDateOffsetDayTypeCodeSet:

---

Code	Name	Description
0	Business	Business
1	Calendar	Calendar
2	CommodityBusiness	Commodity business
3	CurrencyBusiness	Currency business
4	ExchangeBusiness	Exchange business
5	ScheduledTradingDay	Scheduled trading day

---

Used in components: [PaymentStreamNonDeliverableSettlTerms](#)

**170.2.3978 PaymentStreamNonDeliverableFixingDatesOffsetPeriod**

Time unit multiplier for the relative non-deliverable fixing date offset.

Type: **int**

Used in components: **PaymentStreamNonDeliverableSettlTerms**

**170.2.3979 PaymentStreamNonDeliverableFixingDatesOffsetUnit**

Time unit associated with the relative non-deliverable fixing date offset.

Type: **String**

Allowed values in PaymentStreamPaymentDateOffsetUnitCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
D	Day	Day
Wk	Week	Week
Mo	Month	Month
Yr	Year	Year

---

Used in components: **PaymentStreamNonDeliverableSettlTerms**

**170.2.3980 PaymentStreamNonDeliverableFixingDatesRelativeTo**

Specifies the anchor date when the non-deliverable fixing dates are relative to an anchor date.

See [http://www.fixtradingcommunity.org/codelists#Relative\\_To\\_Date](http://www.fixtradingcommunity.org/codelists#Relative_To_Date) for values.

Type: **int**

Used in components: **PaymentStreamNonDeliverableSettlTerms**

**170.2.3981 PaymentStreamNonDeliverableRefCurrency**

The non-deliverable settlement reference currency. Uses ISO 4217 currency codes.

Type: **Currency**

Used in components: **PaymentStreamNonDeliverableSettlTerms**



**170.2.3982 PaymentStreamNonDeliverableSettlRateSource**

Identifies the source of rate information.

Type: **int**

Allowed values in RateSourceCodeSet:

Code	Name	Description
0	Bloomberg	Bloomberg
1	Reuters	Reuters
2	Telerate	Telerate
3	ISDARateOption	ISDA Settlement Rate Option. The source of the currency conversion as specified by the ISDA terms in Annex A to the 1998 FX and Currency Option Definitions. See <a href="http://www.fpml.org/coding-scheme/settlement-rate-option">http://www.fpml.org/coding-scheme/settlement-rate-option</a>
99	Other	Other

Used in components: **PaymentStreamNonDeliverableSettlRateSource**

**170.2.3983 PaymentStreamNonDeliverableSettlRateSource**

PaymentStreamNonDeliverableSettlRateSource is a subcomponent of the PaymentStreamNonDeliverableSettlTerms component used to specify the rate source in the event of payment non-delivery.

Name	Mult.	Type	Description
<b>PaymentStreamNonDeliverableSettlRateSource</b>	[0..1]	CodeSet	
<b>PaymentStreamNonDeliverableSettlReferencePage</b>	[0..1]	String	Conditionally required when PaymentStreamNonDeliverableSettlRateSource(40371) = 3 (ISDA Settlement Rate Option) or 99 (Other).

Used in components: **PaymentStreamNonDeliverableSettlTerms**

**170.2.3984 PaymentStreamNonDeliverableSettlReferencePage**

Identifies the reference "page" from the rate source.

When `PaymentStreamNonDeliverableSettlRateSource(40371) = 3` (ISDA Settlement Rate Option) this contains the value from the scheme that reflects the terms of the Annex A to the ISDA 1998 FX and Currency Option Definitions. See: <http://www.fpml.org/coding-scheme/settlement-rate-option>

Type: **String**

Used in components: **PaymentStreamNonDeliverableSettlRateSource**

### 170.2.3985 PaymentStreamNonDeliverableSettlTerms

`PaymentStreamNonDeliverableSettlTerms` is a subcomponent of the `PaymentStream` component used to specify the non-deliverable settlement terms of the payment stream.

Name	Mult.	Type	Description
<code>PaymentStreamNonDeliverableRefCurrency</code>	[0..1]	Currency	
<code>PaymentStreamNonDeliverableFixing-DatesBusinessDayConvention</code>	[0..1]	CodeSet	When specified, this overrides the business day convention defined in the <code>DateAdjustment</code> component in <code>Instrument</code> . The specified value would be specific to this instance of the payment stream's non-deliverable fixing dates.
<code>PaymentStreamNonDeliverableFixing-DatesBusinessCenterGrp</code>	[0..*]	Group	When specified, this overrides the business centers defined in the <code>DateAdjustment</code> component in <code>Instrument</code> . The specified values would be specific to this instance of the payment stream's non-deliverable fixing dates.
<code>PaymentStreamNonDeliverableFixing-DatesRelativeTo</code>	[0..1]	int	
<code>PaymentStreamNonDeliverableFixing-DatesOffsetPeriod</code>	[0..1]	int	Conditionally required when <code>PaymentStreamNonDeliverableFixingDatesOffsetUnit(40822)</code> is specified.
<code>PaymentStreamNonDeliverableFixing-DatesOffsetUnit</code>	[0..1]	CodeSet	Conditionally required when <code>PaymentStreamNonDeliverableFixingDatesOffsetPeriod(40821)</code> is specified.
<code>PaymentStreamNonDeliverableFixing-DatesOffsetDayType</code>	[0..1]	CodeSet	
<code>PaymentStreamNonDeliverableSettlRateSource</code>	[0..1]	Component	
<code>PaymentStreamNonDeliverableFixing-DateGrp</code>	[0..*]	Group	
<code>SettlRateDisruptionFallbackGrp</code>	[0..*]	Group	

Used in components: [PaymentStream](#)

### **170.2.3986 PaymentStreamOtherDayCount**

The industry name of the day count convention not listed in [PaymentStreamDayCount\(40742\)](#).

Type: [String](#)

Used in components: [PaymentStream](#)

### **170.2.3987 PaymentStreamPaymentDate**

The adjusted or unadjusted fixed stream payment date.

Type: [LocalMktDate](#)

Used in groups: [PaymentStreamPaymentDateGrp](#)

### **170.2.3988 PaymentStreamPaymentDateBusinessCenter**

The business center calendar used to adjust the payment stream's payment date, e.g. "GBLO".

See <http://www.fpml.org/coding-scheme/business-center> for standard 4-character code values.

Type: [String](#)

Used in groups: [PaymentStreamPaymentDateBusinessCenterGrp](#)

### **170.2.3989 PaymentStreamPaymentDateBusinessCenterGrp**

[PaymentStreamPaymentDateBusinessCenterGrp](#) is a repeating subcomponent within the [PaymentStreamPaymentDates](#) component. It is used to specify the set of business centers whose calendars drive the date adjustment. Used only to override the business centers defined in the [DateAdjustment](#) component in [Instrument](#).

---

<b>Name</b>	<b>Mult.</b>	<b>Type</b>	<b>Description</b>
<a href="#">NoPaymentStreamPaymentDateBusinessCenters</a>	[1..1]	NumInGroup	
<a href="#">PaymentStreamPaymentDateBusinessCenter</a>	[0..1]	String	Required if <a href="#">NoPaymentStreamPaymentDateBusinessCenters(40947)</a> > 0.

---

Used in components: [PaymentStreamPaymentDates](#)

**170.2.3990 PaymentStreamPaymentDateBusinessDayConvention**

The business day convention used to adjust the payment stream's payment date. Used only to override the business day convention specified in the DateAdjustment component within the Instrument component.

Type: **int**

Allowed values in BusinessDayConventionCodeSet:

Code	Name	Description
0	NotApplicable	Not applicable. Business day convention is not applicable.
1	None	None (current day)
2	FollowingDay	Following day. The following business day.
3	FloatingRateNote	Floating rate note. The FRN business day convention.
4	ModifiedFollowingDay	Modified following day. The modified following business day.
5	PrecedingDay	Preceding day. The preceding business day.
6	ModifiedPrecedingDay	Modified preceding day. The modified preceding business day.
7	NearestDay	Nearest day. The nearest applicable business day.

Used in components: [PaymentStreamPaymentDates](#)

**170.2.3991 PaymentStreamPaymentDateGrp**

The PaymentStreamPaymentDateGrp is a repeating subcomponent of the PaymentStreamPaymentDates component used to detail fixed dates for swap stream payments.

Name	Mult.	Type	Description
<a href="#">NoPaymentStreamPaymentDates</a>	[1..1]	NumInGroup	
<a href="#">PaymentStreamPaymentDate</a>	[0..1]	LocalMktDate	Required if <a href="#">NoPaymentStreamPaymentDates(41220)</a> > 0.
<a href="#">PaymentStreamPaymentDateType</a>	[0..1]	CodeSet	When specified it applies not only to the current date but to all subsequent dates in the group until overridden with a new type.

Used in components: [PaymentStreamPaymentDates](#)

**170.2.3992 PaymentStreamPaymentDateOffsetDayType**

Specifies the day type of the relative payment date offset.

Type: **int**

Allowed values in PaymentStreamPaymentDateOffsetDayTypeCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	Business	Business
1	Calendar	Calendar
2	CommodityBusiness	Commodity business
3	CurrencyBusiness	Currency business
4	ExchangeBusiness	Exchange business
5	ScheduledTradingDay	Scheduled trading day

---

Used in components: [PaymentStreamPaymentDates](#)

**170.2.3993 PaymentStreamPaymentDateOffsetPeriod**

Time unit multiplier for the relative payment date offset.

Type: **int**

Used in components: [PaymentStreamPaymentDates](#)

**170.2.3994 PaymentStreamPaymentDateOffsetUnit**

Time unit multiplier for the relative initial fixing date offset.

Type: **String**

Allowed values in PaymentStreamPaymentDateOffsetUnitCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
D	Day	Day
Wk	Week	Week
Mo	Month	Month
Yr	Year	Year

---

Used in components: [PaymentStreamPaymentDates](#)

**170.2.3995 PaymentStreamPaymentDateRelativeTo**

Specifies the anchor date when payment dates are relative to an anchor date.

See [http://www.fixtradingcommunity.org/codelists#Relative\\_To\\_Date](http://www.fixtradingcommunity.org/codelists#Relative_To_Date) for values.

Type: **int**

Used in components: **PaymentStreamPaymentDates**

**170.2.3996 PaymentStreamPaymentDates**

PaymentStreamPaymentDates is a subcomponent of the PaymentStream component used to specify the payment dates of the stream.

Name	Mult.	Type	Description
PaymentStreamPaymentDateBusinessDayConvention	[0..1]	CodeSet	When specified, this overrides the business day convention defined in the DateAdjustment component in Instrument. The specified value would be specific to this instance of the payment stream's payment dates.
PaymentStreamPaymentDateBusinessCenterGrp	[0..*]	Group	When specified, this overrides the business centers defined in the DateAdjustment component in Instrument. The specified values would be specific to this instance of the payment stream's payment dates.
PaymentStreamPaymentDateGrp	[0..*]	Group	
PaymentStreamPaymentFrequencyPeriod	[0..1]	int	Conditionally required when PaymentStreamPaymentFrequencyUnit(40754) is specified.
PaymentStreamPaymentFrequencyUnit	[0..1]	CodeSet	Conditionally required when PaymentStreamPaymentFrequencyPeriod(40753) is specified.
PaymentStreamPaymentRollConvention	[0..1]	CodeSet	When specified, this overrides the date roll convention defined in the DateAdjustment component in Instrument. The specified values would be specific to this instance of the stream payment dates
PaymentStreamFirstPaymentDateUnadjusted	[0..1]	LocalMktDate	
PaymentStreamLastRegularPaymentDateUnadjusted	[0..1]	LocalMktDate	

Name	Mult.	Type	Description
PaymentStreamPaymentDateRelativeTo	[0..1]	int	
PaymentStreamPaymentDateOffsetPeriod	[0..1]	int	Conditionally required when PaymentStreamPaymentDateOffsetUnit(40760) is specified.
PaymentStreamPaymentDateOffsetUnit	[0..1]	CodeSet	Conditionally required when PaymentStreamPaymentDateOffsetPeriod(40759) is specified.
PaymentStreamPaymentDateOffsetDayType	[0..1]	CodeSet	
PaymentStreamMasterAgreementPaymentDatesIndicator	[0..1]	Boolean	
PaymentStreamFinalPricePaymentDate	[0..1]	Component	

Used in components: [PaymentStream](#)

### 170.2.3997 PaymentStreamPaymentDateType

Specifies the type of payment date. When specified it applies not only to the current date but to all subsequent dates in the group until overridden with a new type.

Type: [int](#)

Allowed values in OptionExerciseDateTypeCodeSet:

Code	Name	Description
0	Unadjusted	Unadjusted
1	Adjusted	Adjusted

Used in groups: [PaymentStreamPaymentDateGrp](#)

### 170.2.3998 PaymentStreamPaymentFrequencyPeriod

Time unit multiplier for the frequency of payments.

Type: [int](#)

Used in components: [PaymentStreamPaymentDates](#)

**170.2.3999 PaymentStreamPaymentFrequencyUnit**

Time unit associated with the frequency of payments.

Type: **String**

Allowed values in PaymentStreamPaymentFrequencyUnitCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
D	Day	Day
Wk	Week	Week
Mo	Month	Month
Yr	Year	Year
T	Term	Term

---

Used in components: **PaymentStreamPaymentDates**

**170.2.4000 PaymentStreamPaymentRollConvention**

The convention for determining the sequence of end dates. It is used in conjunction with a specified frequency. Used only to override the roll convention specified in the DateAdjustment component within the Instrument component.

Type: **String**

Allowed values in DateRollConventionCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
1	FirstDay	1st day of the month
2	SecondDay	2nd day of the month
3	ThirdDay	3rd day of the month
4	FourthDay	4th day of the month
5	FifthDay	5th day of the month
6	SixthDay	6thd day of the month
7	SeventhDay	7th day of the month
8	EighthDay	8th day of the month
9	NinthDay	9th day of the month
10	TenthDay	10th day of the month

---



<b>Code</b>	<b>Name</b>	<b>Description</b>
11	EleventhDay	11th day of the month
12	TwelvthDay	12th day of the month
13	ThirteenthDay	13th day of the month
14	ForteenthDay	14th day of the month
15	FifteenthDay	15th day of the month
16	SixteenthDay	16th day of the month
17	SeventeenthDay	17th day of the month
18	EighteenthDay	18th day of the month
19	NineteenthDay	19th day of the month
20	TwentiethDay	20th day of the month
21	TwentyFirstDay	21st day of the month
22	TwentySecondDay	22nd day of the month
23	TwentyThirdDay	23rd day of the month
24	TwentyFourthDay	24th day of the month
25	TwentyFifthDay	25th day of the month
26	TwentySixthDay	26th day of the month
27	TwentySeventhDay	27th day of the month
28	TwentyEighthDay	28th day of the month
29	TwentyNinthDay	29th day of the month
30	ThirtiethDay	30th day of the month
EOM	EOM	The end of the month. Use EOM for 31st day of the month.
FRN	FRN	The floating rate note convention or Eurodollar convention.
IMM	IMM	The International Money Market settlement date, i.e. the 3rd Wednesday of the month.
IMMCAD	IMMCAD	The last trading day/expiration day of the Canadian Derivatives Exchange.
IMMAUD	IMMAUD	The last trading day of the Sydney Futures Exchange Australian 90-day bank accepted bill futures contract.
IMMNZD	IMMNZD	The last trading day of the Sydney Futures Exchange New Zealand 90-day bank bill futures contract.
SFE	SFE	The Sydney Futures Exchange 90-day bank accepted bill futures settlement dates.
NONE	NONE	No adjustment
TBILL	TBILL	The 13-week and 26-week U.S. Treasury Bill auction dates.
MON	MON	Monday

---

Code	Name	Description
TUE	TUE	Tuesday
WED	WED	Wednesday
THU	THU	Thursday
FRI	FRI	Friday
SAT	SAT	Saturday
SUN	SUN	Sunday

---

Used in components: [PaymentStreamPaymentDates](#)

#### **170.2.4001 PaymentStreamPricingBusinessCalendar**

Specifies the business calendar to use for pricing.

See <http://www.fpml.org/coding-scheme/commodity-business-calendar> for values.

Type: [String](#)

Used in components: [PaymentStreamFloatingRate](#)

#### **170.2.4002 PaymentStreamPricingBusinessCenter**

The business center calendar used to adjust the payment stream's pricing dates, e.g. "GBLO".

See <http://www.fpml.org/coding-scheme/business-center> for standard 4-character code values.

Type: [String](#)

Used in groups: [PaymentStreamPricingBusinessCenterGrp](#)

#### **170.2.4003 PaymentStreamPricingBusinessCenterGrp**

The `PaymentStreamPricingBusinessCenterGrp` is a repeating subcomponent of the `PaymentStreamFloatingRate` component used to specify the set of business centers whose calendars drive date adjustment. Used only to override the business centers defined in the `DateAdjustment` component in `Instrument`.

Name	Mult.	Type	Description
NoPaymentStreamPricingBusinessCenters	[1..1]	NumInGroup	
PaymentStreamPricingBusinessCenter	[0..1]	String	Required if NoPaymentStreamPricingBusinessCenters(41192) > 0.

Used in components: [PaymentStreamFloatingRate](#)

#### 170.2.4004 PaymentStreamPricingBusinessDayConvention

The business day convention used to adjust the payment stream's pricing dates. Used only to override the business day convention specified in the DateAdjustment component within the Instrument component.

Type: [int](#)

Allowed values in BusinessDayConventionCodeSet:

Code	Name	Description
0	NotApplicable	Not applicable. Business day convention is not applicable.
1	None	None (current day)
2	FollowingDay	Following day. The following business day.
3	FloatingRateNote	Floating rate note. The FRN business day convention.
4	ModifiedFollowingDay	Modified following day. The modified following business day.
5	PrecedingDay	Preceding day. The preceding business day.
6	ModifiedPrecedingDay	Modified preceding day. The modified preceding business day.
7	NearestDay	Nearest day. The nearest applicable business day.

Used in components: [PaymentStreamFloatingRate](#)

#### 170.2.4005 PaymentStreamPricingDate

The adjusted or unadjusted fixed stream pricing date.

Type: [LocalMktDate](#)

Used in groups: [PaymentStreamPricingDateGrp](#)

**170.2.4006 PaymentStreamPricingDateGrp**

The PaymentStreamPricingDateGrp is a repeating subcomponent of the PaymentStreamFloatingRate component used to detail fixed pricing dates.

---

Name	Mult.	Type	Description
NoPaymentStreamPricingDates	[1..1]	NumInGroup	
PaymentStreamPricingDate	[0..1]	LocalMktDate	Required if NoPaymentStreamPricingDates(41224) > 0.
PaymentStreamPricingDateType	[0..1]	CodeSet	When specified it applies not only to the current date but to all subsequent dates in the group until overridden with a new type.

---

Used in components: [PaymentStreamFloatingRate](#)

**170.2.4007 PaymentStreamPricingDateType**

Specifies the type of pricing date. When specified it applies not only to the current date but to all subsequent dates in the group until overridden with a new type.

Type: [int](#)

Allowed values in OptionExerciseDateTypeCodeSet:

---

Code	Name	Description
0	Unadjusted	Unadjusted
1	Adjusted	Adjusted

---

Used in groups: [PaymentStreamPricingDateGrp](#)

**170.2.4008 PaymentStreamPricingDayCount**

The number of days over which pricing should take place.

Type: [int](#)

Used in components: [PaymentStreamFloatingRate](#)

**170.2.4009 PaymentStreamPricingDayDistribution**

The distribution of pricing days.

Type: **int**

Allowed values in PaymentStreamPricingDayDistributionCodeSet:

---

Code	Name	Description
0	All	All
1	First	First
2	Last	Last
3	Penultimate	Penultimate

---

Used in components: **PaymentStreamFloatingRate**

**170.2.4010 PaymentStreamPricingDayGrp**

The PaymentStreamPricingDayGrp is a repeating subcomponent of the PaymentStreamFloatingRate component used to detail periodic pricing days.

---

Name	Mult.	Type	Description
<b>NoPaymentStreamPricingDays</b>	[1..1]	NumInGroup	
<b>PaymentStreamPricingDayOfWeek</b>	[0..1]	CodeSet	Required if NoPaymentStreamPricingDays(41227) > 0.
<b>PaymentStreamPricingDayNumber</b>	[0..1]	int	

---

Used in components: **PaymentStreamFloatingRate**

**170.2.4011 PaymentStreamPricingDayNumber**

The occurrence of the day of week on which pricing takes place.

Type: **int**

Used in groups: **PaymentStreamPricingDayGrp**

**170.2.4012 PaymentStreamPricingDayOfWeek**

The day of the week on which pricing takes place.

Type: **int**

Allowed values in PaymentStreamPricingDayOfWeekCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	EveryDay	Every day (the default if not specified)
1	Monday	Monday
2	Tuesday	Tuesday
3	Wednesday	Wednesday
4	Thursday	Thursday
5	Friday	Friday
6	Saturday	Saturday
7	Sunday	Sunday

---

Used in groups: **PaymentStreamPricingDayGrp**

**170.2.4013 PaymentStreamPricingDayType**

Specifies the commodity pricing day type.

Type: **int**

Allowed values in ComplexEventDateOffsetDayTypeCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	Business	Business
1	Calendar	Calendar
2	CommodityBusiness	Commodity business
3	CurrencyBusiness	Currency business
4	ExchangeBusiness	Exchange business
5	ScheduledTradingDay	Scheduled trading day

---

Used in components: **PaymentStreamFloatingRate**

**170.2.4014 PaymentStreamRate**

The rate applicable to the fixed rate payment stream.

Type: **Percentage**

Used in components: **PaymentStreamFixedRate**

**170.2.4015 PaymentStreamRateConversionFactor**

The number to be multiplied by the derived floating rate of the payment stream in order to arrive at the payment rate. If omitted, the floating rate conversion factor is 1.

Type: **float**

Used in components: **PaymentStreamFloatingRate**

**170.2.4016 PaymentStreamRateCutoffDateOffsetDayType**

Specifies the day type of the relative rate cut-off date offset.

Type: **int**

Allowed values in PaymentStreamPaymentDateOffsetDayTypeCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	Business	Business
1	Calendar	Calendar
2	CommodityBusiness	Commodity business
3	CurrencyBusiness	Currency business
4	ExchangeBusiness	Exchange business
5	ScheduledTradingDay	Scheduled trading day

---

Used in components: **PaymentStreamResetDates**

**170.2.4017 PaymentStreamRateCutoffDateOffsetPeriod**

Time unit multiplier for the relative rate cut-off date offset.

Type: **int**

Used in components: **PaymentStreamResetDates**

**170.2.4018 PaymentStreamRateCutoffDateOffsetUnit**

Time unit associated with the relative rate cut-off date offset.

Type: **String**

Allowed values in PaymentStreamPaymentDateOffsetUnitCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
D	Day	Day
Wk	Week	Week
Mo	Month	Month
Yr	Year	Year

---

Used in components: **PaymentStreamResetDates**

**170.2.4019 PaymentStreamRateIndex**

The payment stream floating rate index.

Type: **String**

Used in components: **PaymentStreamFloatingRate**

**170.2.4020 PaymentStreamRateIndex2**

The payment stream's second floating rate index.

Type: **String**

Used in components: **PaymentStreamFloatingRate**

**170.2.4021 PaymentStreamRateIndex2CurvePeriod**

Secondary time unit multiplier for the payment stream's floating rate index curve.

Type: **int**

Used in components: **PaymentStreamFloatingRate**



**170.2.4022 PaymentStreamRateIndex2CurveUnit**

Secondary time unit associated with the payment stream's floating rate index curve.

Type: **String**

Allowed values in PaymentStreamRateIndexCurveUnitCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
D	Day	Day
Wk	Week	Week
Mo	Month	Month
Yr	Year	Year

---

Used in components: **PaymentStreamFloatingRate**

**170.2.4023 PaymentStreamRateIndex2ID**

Security identifier of the second floating rate index.

Type: **String**

Used in components: **PaymentStreamFloatingRate**

**170.2.4024 PaymentStreamRateIndex2IDSource**

Source for the second floating rate index identified in PaymentStreamRateIndex2ID(43114).

Type: **String**

Allowed values in SecurityIDSourceCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
1	CUSIP	CUSIP
2	SEDOL	SEDOL
3	QUIK	QUIK
4	ISINNumber	ISIN
5	RICCode	RIC
6	ISOCurrencyCode	ISO Currency Code (ISO 4217)

---

Code	Name	Description
7	ISOCountryCode	ISO Country Code
8	ExchangeSymbol	Exchange symbol
9	ConsolidatedTapeAssociation	Consolidated Tape Association (CTA) Symbol (SIAC CTS/CQS line format)
A	BloombergSymbol	Bloomberg Symbol
B	Wertpapier	Wertpapier
C	Dutch	Dutch
D	Valoren	Valoren
E	Sicovam	Sicovam
F	Belgian	Belgian
G	Common	"Common" (Clearstream and Euroclear)
H	ClearingHouse	Clearing house / Clearing organization
I	ISDAFpMLSpecification	ISDA/FpML product specification (XML in SecurityXML(1185))
J	OptionPriceReportingAuthority	Option Price Reporting Authority
K	ISDAFpMLURL	ISDA/FpML product URL (URL in SecurityID(48))
L	LetterOfCredit	Letter of credit
M	MarketplaceAssignedIdentifier	Marketplace-assigned Identifier
N	MarkitREDEntityCLIP	Markit RED entity CLIP
P	MarkitREDPairCLIP	Markit RED pair CLIP
Q	CFTCCommodityCode	CFTC commodity code
R	ISDACommodityReferencePrice	ISDA Commodity Reference Price
S	FinancialInstrumentGlobalIdentifier	Financial Instrument Global Identifier. An Object Management Group (OMG) standard. Also referred to as FIGI. Formerly known as "Bloomberg Open Symbology BBGID".
T	LegalEntityIdentifier	Legal entity identifier
U	Synthetic	Synthetic. Used to specify that the security identifier is synthetic for linking nested underliers when there is no market identifier for the collection.
V	FidessaInstrumentMnemonic	Fidessa Instrument Mnemonic (FIM)
W	IndexName	Index name. Standard name of the index or rate index, e.g. "LIBOR" or "iTraxx Australia".
X	UniformSymbol	Uniform Symbol (UMTF Symbol)
Y	DigitalTokenIdentifier	Digital Token Identifier (ISO 24165)

Used in components: [PaymentStreamFloatingRate](#)

**170.2.4025 PaymentStreamRateIndex2Source**

The source of the payment stream's second floating rate index.

Type: **int**

Allowed values in PaymentStreamRateIndexSourceCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	Bloomberg	Bloomberg
1	Reuters	Reuters
2	Telerate	Telerate
99	Other	Other

---

Used in components: **PaymentStreamFloatingRate**

**170.2.4026 PaymentStreamRateIndexCurvePeriod**

Time unit multiplier for the floating rate index.

Type: **int**

Used in components: **PaymentStreamFloatingRate**

**170.2.4027 PaymentStreamRateIndexCurveUnit**

Time unit associated with the floating rate index.

Type: **String**

Allowed values in PaymentStreamRateIndexCurveUnitCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
D	Day	Day
Wk	Week	Week
Mo	Month	Month
Yr	Year	Year

---

Used in components: **PaymentStreamFloatingRate**

**170.2.4028 PaymentStreamRateIndexID**

Security identifier of the floating rate index.

Type: **String**

Used in components: **PaymentStreamFloatingRate**

**170.2.4029 PaymentStreamRateIndexIDSource**

Source for the floating rate index identified in PaymentStreamRateIndexID(43090).

Type: **String**

Allowed values in SecurityIDSourceCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
1	CUSIP	CUSIP
2	SEDOL	SEDOL
3	QUIK	QUIK
4	ISINNumber	ISIN
5	RICCode	RIC
6	ISOCurrencyCode	ISO Currency Code (ISO 4217)
7	ISOCountryCode	ISO Country Code
8	ExchangeSymbol	Exchange symbol
9	ConsolidatedTapeAssociation	Consolidated Tape Association (CTA) Symbol (SIAC CTS/CQS line format)
A	BloombergSymbol	Bloomberg Symbol
B	Wertpapier	Wertpapier
C	Dutch	Dutch
D	Valoren	Valoren
E	Sicovam	Sicovam
F	Belgian	Belgian
G	Common	"Common" (Clearstream and Euroclear)
H	ClearingHouse	Clearing house / Clearing organization
I	ISDAFpMLSpecification	ISDA/FpML product specification (XML in SecurityXML(1185))
J	OptionPriceReportingAuthority	Option Price Reporting Authority
K	ISDAFpMLURL	ISDA/FpML product URL (URL in SecurityID(48))
L	LetterOfCredit	Letter of credit

---

Code	Name	Description
M	MarketplaceAssignedIdentifier	Marketplace-assigned Identifier
N	MarkitREDEntityCLIP	Markit RED entity CLIP
P	MarkitREDPairCLIP	Markit RED pair CLIP
Q	CFTCCommodityCode	CFTC commodity code
R	ISDACommodityReferencePrice	ISDA Commodity Reference Price
S	FinancialInstrumentGlobalIdentifier	Financial Instrument Global Identifier. An Object Management Group (OMG) standard. Also referred to as FIGI. Formerly known as "Bloomberg Open Symbology BBGID".
T	LegalEntityIdentifier	Legal entity identifier
U	Synthetic	Synthetic. Used to specify that the security identifier is synthetic for linking nested underliers when there is no market identifier for the collection.
V	FidessaInstrumentMnemonic	Fidessa Instrument Mnemonic (FIM)
W	IndexName	Index name. Standard name of the index or rate index, e.g. "LIBOR" or "iTraxx Australia".
X	UniformSymbol	Uniform Symbol (UMTF Symbol)
Y	DigitalTokenIdentifier	Digital Token Identifier (ISO 24165)

---

Used in components: [PaymentStreamFloatingRate](#)

#### **170.2.4030 PaymentStreamRateIndexLevel**

This is the weather Cooling Degree Days (CDD), Heating Degree Days (HDD) or HDD index level specified as the number of (amount of) weather index units specified by the parties in the related confirmation.

Type: [Qty](#)

Used in components: [PaymentStreamFloatingRate](#)

#### **170.2.4031 PaymentStreamRateIndexLocation**

Specifies the location of the floating rate index.

Type: [String](#)

Used in components: [PaymentStreamFloatingRate](#)

**170.2.4032 PaymentStreamRateIndexSource**

The source of the payment stream floating rate index.

Type: **int**

Allowed values in PaymentStreamRateIndexSourceCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	Bloomberg	Bloomberg
1	Reuters	Reuters
2	Telerate	Telerate
99	Other	Other

---

Used in components: **PaymentStreamFloatingRate**

**170.2.4033 PaymentStreamRateIndexUnitOfMeasure**

The unit of measure (UOM) of the rate index level.

Type: **String**

Allowed values in UnitOfMeasureCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
Alw	Allowances	Allowances
Bcf	BillionCubicFeet	Billion cubic feet
Bbl	Barrels	Barrels. Equal to 42 US gallons
CBM	CubicMeters	Cubic Meters
BDFT	BoardFeet	Board feet. Equal to 144 cubic inches
GJ	Gigajoules	gigajoules
Bu	Bushels	Bushels
kHR	HeatRate	Heat rate. The number of BTUs required to produce one kilowatt hour of electricity, typically 3,412.14 BTUs per 1 kWh.
Ccy	Currency	Amount of currency
kWh	KilowattHours	Kilowatt hours
CDD	CoolingDegreeDay	Cooling degree day

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
MHR	MegaHeatRate	Mega heat rate. The number of million BTUs required to produce one megawatt hour of electricity, typically 3.41214 million BTUs per 1 MWh.
CER	CertifiedEmissionsReduction	Certified emissions reduction
MMBtu	OneMillionBTU	One Million BTU
CPD	CriticalPrecipDay	Critical precipitation day
MWh	MegawattHours	Megawatt hours
CRT	ClimateReserveTonnes	Climate reserve tonnes
thm	Therms	therms. Equal to 100,000 BTU
cwt	Hundredweight	Hundredweight(US). Equal to 100 lbs
tnCO2	TonsOfCarbonDioxide	Tons of carbon dioxide
day	Day	Days
dt	DryMetricTons	Dry metric tons
EnvAllwnc	EnvAllwncCert	Environmental allowance certificates
EnvCrd	EnvironmentalCredit	Environmental credit
EnvOfst	EnvironmentalOffset	Environmental Offset
g	Grams	Grams
Gal	Gallons	Gallons
GT	GrossTons	Gross tons. Also known as long tons or imperial tons, equal to 2240 lbs
HDD	HeatingDegreeDay	Heating degree day
IPNT	IndexPoint	Index point
kg	Kilograms	Kilograms
kL	Kiloliters	kiloliters
kW-a	KilowattYear	Kilowatt year (electrical capacity)
kW-d	KilowattDay	Kilowatt day (electrical capacity)
kW-h	KilowattHour	Kilowatt hour (electrical capacity)
kW-M	KilowattMonth	Kilowatt month (electrical capacity)
kW-min	KilowattMinute	Kilowatt-Minute (electrical capacity)
L	Liters	liters
lbs	Pounds	pounds
MW-a	MegawattYear	Megawatt year (electrical capacity)
MW-d	MegawattDay	Megawatt day (electrical capacity)
MW-h	MegawattHour	Megawatt hour (electrical capacity)
MW-M	MegawattMonth	Megawatt month (electrical capacity)

<b>Code</b>	<b>Name</b>	<b>Description</b>
MW-min	MegawattMinute	Megawatt minute (electrical capacity)
oz_tr	TroyOunces	Troy ounces
PRINC	PrincipalWithRelationToDebtInstrument	Principal with relation to debt instrument
t	MetricTons	Metric tons. Also known as Tonnes, equal to 1000 kg
tn	Tons	Tons (US). Equal to 2000 lbs
a	Are	Are
ac	Acre	Acre
cL	Centiliter	Centiliter
cM	Centimeter	Centimeter
DGE	DieselGallonEquivalent	Diesel gallon equivalent
ft	Foot	Foot
Gal_gb	GBGallon	GB Gallon
GGE	GasolineGallonEquivalent	Gasonline gallon equivalent
ha	Hectare	Hectare
in	Inch	Inch
kM	Kilometer	Kilometer
M	Meter	Meter
mi	Mile	Mile
mL	Milliliter	Milliliter
mM	Millimeter	Millimeter
oz	USOunce	US ounce
pc	Piece	Piece
pt	USPint	US Pint
pt_gb	GBPint	GB pint
qt	USQuart	US Quart
qt_gb	GBQuart	GB Quart
SqcM	SquareCentimeter	Square centimeter
Sqft	SquareFoot	Square foot
Sqin	SquareInch	Square inch
SqkM	SquareKilometer	Square kilometer
SqM	SquareMeter	Square meter
Sqmi	SquareMile	Square mile
SqmM	SquareMillimeter	Square millimeter



---

Code	Name	Description
Sqyd	SquareYard	Square yard
yd	Yard	Yard
MMbbl	MillionBarrels	Million Barrels
USD	USDollars	US Dollars

---

Used in components: [PaymentStreamFloatingRate](#)

#### **170.2.4034 PaymentStreamRateMultiplier**

A rate multiplier to apply to the floating rate. A multiplier schedule is expressed as explicit multipliers and dates. In the case of a schedule, the step dates may be subject to adjustment in accordance with any adjustments specified in the calculationPeriodDatesAdjustments. The multiplier can be less than or greater than 1 (one). This element should only be included if the multiplier is not equal to 1 (one) for the term of the stream.

Type: [float](#)

Used in components: [PaymentStreamFloatingRate](#)

#### **170.2.4035 PaymentStreamRateOrAmountCurrency**

Specifies the currency in which PaymentStreamFixedAmount(40785) or PaymentStreamRate(40784) is denominated. Uses ISO 4271 currency codes.

Type: [Currency](#)

Used in components: [PaymentStreamFixedRate](#)

#### **170.2.4036 PaymentStreamRateSpread**

Spread from floating rate index.

Type: [PriceOffset](#)

Used in components: [PaymentStreamFloatingRate](#)

**170.2.4037 PaymentStreamRateSpreadCurrency**

Specifies the currency of the floating rate spread. Uses ISO 4217 currency codes.

Type: **Currency**

Used in components: **PaymentStreamFloatingRate**

**170.2.4038 PaymentStreamRateSpreadPositionType**

Identifies whether the rate spread is applied to a long or short position.

Type: **int**

Allowed values in PaymentStreamRateSpreadPositionTypeCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	Short	Short
1	Long	Long

---

Used in components: **PaymentStreamFloatingRate**

**170.2.4039 PaymentStreamRateSpreadType**

Identifies whether the rate spread is an absolute value to be added to the index rate or a percentage of the index rate.

Type: **int**

Allowed values in PaymentStreamRateSpreadTypeCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	Absolute	Absolute
1	Percentage	Percentage

---

Used in components: **PaymentStreamFloatingRate**

**170.2.4040 PaymentStreamRateSpreadUnitOfMeasure**

Species the unit of measure (UOM) of the floating rate spread.

Type: **String**

Allowed values in UnitOfMeasureCodeSet:

<b>Code</b>	<b>Name</b>	<b>Description</b>
Alw	Allowances	Allowances
Bcf	BillionCubicFeet	Billion cubic feet
Bbl	Barrels	Barrels. Equal to 42 US gallons
CBM	CubicMeters	Cubic Meters
BDFT	BoardFeet	Board feet. Equal to 144 cubic inches
GJ	Gigajoules	gigajoules
Bu	Bushels	Bushels
kHR	HeatRate	Heat rate. The number of BTUs required to produce one kilowatt hour of electricity, typically 3,412.14 BTUs per 1 kWh.
Ccy	Currency	Amount of currency
kWh	KilowattHours	Kilowatt hours
CDD	CoolingDegreeDay	Cooling degree day
MHR	MegaHeatRate	Mega heat rate. The number of million BTUs required to produce one megawatt hour of electricity, typically 3.41214 million BTUs per 1 MWh.
CER	CertifiedEmissionsReduction	Certified emissions reduction
MMBtu	OneMillionBTU	One Million BTU
CPD	CriticalPrecipDay	Critical precipitation day
MWh	MegawattHours	Megawatt hours
CRT	ClimateReserveTonnes	Climate reserve tonnes
thm	Therms	therms. Equal to 100,000 BTU
cwt	Hundredweight	Hundredweight(US). Equal to 100 lbs
tnCO2	TonsOfCarbonDioxide	Tons of carbon dioxide
day	Day	Days
dt	DryMetricTons	Dry metric tons
EnvAllwnc	EnvAllwncCert	Environmental allowance certificates
EnvCrd	EnvironmentalCredit	Environmental credit
EnvOfst	EnvironmentalOffset	Environmental Offset
g	Grams	Grams

<b>Code</b>	<b>Name</b>	<b>Description</b>
Gal	Gallons	Gallons
GT	GrossTons	Gross tons. Also known as long tons or imperial tons, equal to 2240 lbs
HDD	HeatingDegreeDay	Heating degree day
IPNT	IndexPoint	Index point
kg	Kilograms	Kilograms
kL	Kiloliters	kiloliters
kW-a	KilowattYear	Kilowatt year (electrical capacity)
kW-d	KilowattDay	Kilowatt day (electrical capacity)
kW-h	KilowattHour	Kilowatt hour (electrical capacity)
kW-M	KilowattMonth	Kilowatt month (electrical capacity)
kW-min	KilowattMinute	Kilowatt-Minute (electrical capacity)
L	Liters	liters
lbs	Pounds	pounds
MW-a	MegawattYear	Megawatt year (electrical capacity)
MW-d	MegawattDay	Megawatt day (electrical capacity)
MW-h	MegawattHour	Megawatt hour (electrical capacity)
MW-M	MegawattMonth	Megawatt month (electrical capacity)
MW-min	MegawattMinute	Megawatt minute (electrical capacity)
oz_tr	TroyOunces	Troy ounces
PRINC	PrincipalWithRelationToDebtInstrument	Principal with relation to debt instrument
t	MetricTons	Metric tons. Also known as Tonnes, equal to 1000 kg
tn	Tons	Tons (US). Equal to 2000 lbs
a	Are	Are
ac	Acre	Acre
cL	Centiliter	Centiliter
cM	Centimeter	Centimeter
DGE	DieselGallonEquivalent	Diesel gallon equivalent
ft	Foot	Foot
Gal_gb	GBGallon	GB Gallon
GGE	GasolineGallonEquivalent	Gasonline gallon equivalent
ha	Hectare	Hectare
in	Inch	Inch
kM	Kilometer	Kilometer

Code	Name	Description
M	Meter	Meter
mi	Mile	Mile
mL	Milliliter	Milliliter
mM	Millimeter	Millimeter
oz	USOunce	US ounce
pc	Piece	Piece
pt	USPint	US Pint
pt_gb	GBPint	GB pint
qt	USQuart	US Quart
qt_gb	GBQuart	GB Quart
SqcM	SquareCentimeter	Square centimeter
Sqft	SquareFoot	Square foot
Sqin	SquareInch	Square inch
SqkM	SquareKilometer	Square kilometer
SqM	SquareMeter	Square meter
Sqmi	SquareMile	Square mile
SqmM	SquareMillimeter	Square millimeter
Sqyd	SquareYard	Square yard
yd	Yard	Yard
MMbbl	MillionBarrels	Million Barrels
USD	USDollars	US Dollars

Used in components: [PaymentStreamFloatingRate](#)

#### 170.2.4041 PaymentStreamRateTreatment

Specifies the yield calculation treatment for the index.

Type: [int](#)

Allowed values in PaymentStreamRateTreatmentCodeSet:

Code	Name	Description
0	BondEquivalentYield	Bond equivalent yield
1	MoneyMarketYield	Money market yield

Used in components: [PaymentStreamFloatingRate](#)

#### **170.2.4042 PaymentStreamRealizedVarianceMethod**

Indicates which price to use to satisfy the boundary condition.

Type: [int](#)

Allowed values in PaymentStreamRealizedVarianceMethodCodeSet:

Code	Name	Description
0	Previous	Previous. For a return on day T, the observed price on T-1 must be in range.
1	Last	Last. For a return on day T, the observed price on T must be in range.
2	Both	Both. For a return on day T, the observed prices on both T and T-1 must be in range.

Used in components: [PaymentStreamFloatingRate](#)

#### **170.2.4043 PaymentStreamReferenceLevel**

This is the weather Cooling Degree Days (CDD), Heating Degree Days (HDD) or HDD reference level specified as the number of (amount of) weather index units specified by the parties in the related confirmation.

Type: [Qty](#)

Used in components: [PaymentStreamFloatingRate](#)

#### **170.2.4044 PaymentStreamReferenceLevelEqualsZeroIndicator**

When set to 'Y', it indicates the weather reference level equals zero.

Type: [Boolean](#)

Used in components: [PaymentStreamFloatingRate](#)

**170.2.4045 PaymentStreamReferenceLevelUnitOfMeasure**

The unit of measure (UOM) of the rate reference level.

Type: **String**

Allowed values in UnitOfMeasureCodeSet:

<b>Code</b>	<b>Name</b>	<b>Description</b>
Alw	Allowances	Allowances
Bcf	BillionCubicFeet	Billion cubic feet
Bbl	Barrels	Barrels. Equal to 42 US gallons
CBM	CubicMeters	Cubic Meters
BDFT	BoardFeet	Board feet. Equal to 144 cubic inches
GJ	Gigajoules	gigajoules
Bu	Bushels	Bushels
kHR	HeatRate	Heat rate. The number of BTUs required to produce one kilowatt hour of electricity, typically 3,412.14 BTUs per 1 kWh.
Ccy	Currency	Amount of currency
kWh	KilowattHours	Kilowatt hours
CDD	CoolingDegreeDay	Cooling degree day
MHR	MegaHeatRate	Mega heat rate. The number of million BTUs required to produce one megawatt hour of electricity, typically 3.41214 million BTUs per 1 MWh.
CER	CertifiedEmissionsReduction	Certified emissions reduction
MMBtu	OneMillionBTU	One Million BTU
CPD	CriticalPrecipDay	Critical precipitation day
MWh	MegawattHours	Megawatt hours
CRT	ClimateReserveTonnes	Climate reserve tonnes
thm	Therms	therms. Equal to 100,000 BTU
cwt	Hundredweight	Hundredweight(US). Equal to 100 lbs
tnCO2	TonsOfCarbonDioxide	Tons of carbon dioxide
day	Day	Days
dt	DryMetricTons	Dry metric tons
EnvAllwnc	EnvAllwncCert	Environmental allowance certificates
EnvCrd	EnvironmentalCredit	Environmental credit
EnvOfst	EnvironmentalOffset	Environmental Offset
g	Grams	Grams

<b>Code</b>	<b>Name</b>	<b>Description</b>
Gal	Gallons	Gallons
GT	GrossTons	Gross tons. Also known as long tons or imperial tons, equal to 2240 lbs
HDD	HeatingDegreeDay	Heating degree day
IPNT	IndexPoint	Index point
kg	Kilograms	Kilograms
kL	Kiloliters	kiloliters
kW-a	KilowattYear	Kilowatt year (electrical capacity)
kW-d	KilowattDay	Kilowatt day (electrical capacity)
kW-h	KilowattHour	Kilowatt hour (electrical capacity)
kW-M	KilowattMonth	Kilowatt month (electrical capacity)
kW-min	KilowattMinute	Kilowatt-Minute (electrical capacity)
L	Liters	liters
lbs	Pounds	pounds
MW-a	MegawattYear	Megawatt year (electrical capacity)
MW-d	MegawattDay	Megawatt day (electrical capacity)
MW-h	MegawattHour	Megawatt hour (electrical capacity)
MW-M	MegawattMonth	Megawatt month (electrical capacity)
MW-min	MegawattMinute	Megawatt minute (electrical capacity)
oz_tr	TroyOunces	Troy ounces
PRINC	PrincipalWithRelationToDebtInstrument	Principal with relation to debt instrument
t	MetricTons	Metric tons. Also known as Tonnes, equal to 1000 kg
tn	Tons	Tons (US). Equal to 2000 lbs
a	Are	Are
ac	Acre	Acre
cL	Centiliter	Centiliter
cM	Centimeter	Centimeter
DGE	DieselGallonEquivalent	Diesel gallon equivalent
ft	Foot	Foot
Gal_gb	GBGallon	GB Gallon
GGE	GasolineGallonEquivalent	Gasonline gallon equivalent
ha	Hectare	Hectare
in	Inch	Inch
kM	Kilometer	Kilometer



<b>Code</b>	<b>Name</b>	<b>Description</b>
M	Meter	Meter
mi	Mile	Mile
mL	Milliliter	Milliliter
mM	Millimeter	Millimeter
oz	USOunce	US ounce
pc	Piece	Piece
pt	USPint	US Pint
pt_gb	GBPint	GB pint
qt	USQuart	US Quart
qt_gb	GBQuart	GB Quart
SqcM	SquareCentimeter	Square centimeter
Sqft	SquareFoot	Square foot
Sqin	SquareInch	Square inch
SqkM	SquareKilometer	Square kilometer
SqM	SquareMeter	Square meter
Sqmi	SquareMile	Square mile
SqmM	SquareMillimeter	Square millimeter
Sqyd	SquareYard	Square yard
yd	Yard	Yard
MMbbl	MillionBarrels	Million Barrels
USD	USDollars	US Dollars

---

Used in components: [PaymentStreamFloatingRate](#)

#### **170.2.4046 PaymentStreamResetDateBusinessCenter**

The business center calendar used to adjust the payment stream's reset date, e.g. "GBLO".

See <http://www.fpml.org/coding-scheme/business-center> for standard 4-character code values.

Type: [String](#)

Used in groups: [PaymentStreamResetDateBusinessCenterGrp](#)

**170.2.4047 PaymentStreamResetDateBusinessCenterGrp**

PaymentStreamResetDateBusinessCenterGrp is a repeating subcomponent within the PaymentStreamResetDates component. It is used to specify the set of business centers whose calendars drive the date adjustment. Used only to override the business centers defined in the DateAdjustment component in Instrument.

Name	Mult.	Type	Description
NoPaymentStreamResetDateBusinessCenters	[1..1]	NumInGroup	
PaymentStreamResetDateBusinessCenter	[0..1]	String	Required if NoPaymentStreamResetDateBusinessCenters(40948) > 0.

Used in components: [PaymentStreamResetDates](#)

**170.2.4048 PaymentStreamResetDateBusinessDayConvention**

The business day convention used to adjust the payment stream's reset date. Used only to override the business day convention specified in the DateAdjustment component within the Instrument component.

Type: [int](#)

Allowed values in BusinessDayConventionCodeSet:

Code	Name	Description
0	NotApplicable	Not applicable. Business day convention is not applicable.
1	None	None (current day)
2	FollowingDay	Following day. The following business day.
3	FloatingRateNote	Floating rate note. The FRN business day convention.
4	ModifiedFollowingDay	Modified following day. The modified following business day.
5	PrecedingDay	Preceding day. The preceding business day.
6	ModifiedPrecedingDay	Modified preceding day. The modified preceding business day.
7	NearestDay	Nearest day. The nearest applicable business day.

Used in components: [PaymentStreamResetDates](#)

**170.2.4049 PaymentStreamResetDateRelativeTo**

Specifies the anchor date when the reset dates are relative to an anchor date.

If the reset frequency is specified as daily this element must not be included.

See [http://www.fixtradingcommunity.org/codelists#Relative\\_To\\_Date](http://www.fixtradingcommunity.org/codelists#Relative_To_Date) for values.

Type: **int**

Used in components: **PaymentStreamResetDates**

**170.2.4050 PaymentStreamResetDates**

PaymentStreamResetDates is a subcomponent of the PaymentStream component used to specify the floating rate reset dates of the stream.

Name	Mult.	Type	Description
<b>PaymentStreamResetDateRelativeTo</b>	[0..1]	int	
<b>PaymentStreamResetDateBusiness-DayConvention</b>	[0..1]	CodeSet	When specified, this overrides the business day convention defined in the DateAdjustment component in Instrument. The specified value would be specific to this instance of the payment stream's reset dates.
<b>PaymentStreamResetDateBusiness-CenterGrp</b>	[0..*]	Group	When specified, this overrides the business centers defined in the DateAdjustment component in Instrument. The specified values would be specific to this instance of the payment stream's reset dates.
<b>PaymentStreamResetFrequencyPeriod</b>	[0..1]	int	Conditionally required when PaymentStreamResetFrequencyUnit(40765) is specified.
<b>PaymentStreamResetFrequencyUnit</b>	[0..1]	CodeSet	Conditionally required when PaymentStreamResetFrequencyPeriod(40764) is specified.
<b>PaymentStreamResetWeeklyRollConvention</b>	[0..1]	CodeSet	When specified, this overrides the date roll convention defined in the DateAdjustment component in Instrument. The specified values would be specific to this instance of the stream floating rate reset dates.
<b>PaymentStreamInitialFixingDateRelativeTo</b>	[0..1]	int	

Name	Mult.	Type	Description
PaymentStreamInitialFixingDateBusinessDayConvention	[0..1]	CodeSet	When specified, this overrides the business day convention defined in the DateAdjustment component in Instrument. The specified value would be specific to this instance of the payment stream's reset dates.
PaymentStreamInitialFixingDateBusinessCenterGrp	[0..*]	Group	When specified, this overrides the business centers defined in the DateAdjustment component in Instrument. The specified values would be specific to this instance of the payment stream's reset dates.
PaymentStreamInitialFixingDateOffsetPeriod	[0..1]	int	Conditionally required when PaymentStreamInitialFixingDateOffsetUnit(40771) is specified.
PaymentStreamInitialFixingDateOffsetUnit	[0..1]	CodeSet	Conditionally required when PaymentStreamInitialFixingDateOffsetPeriod(40770) is specified.
PaymentStreamInitialFixingDateOffsetDayType	[0..1]	CodeSet	
PaymentStreamInitialFixingDateAdjusted	[0..1]	LocalMktDate	
PaymentStreamFixingDateRelativeTo	[0..1]	int	
PaymentStreamFixingDateBusinessDayConvention	[0..1]	CodeSet	When specified, this overrides the business day convention defined in the DateAdjustment component in Instrument. The specified value would be specific to this instance of the payment stream's reset dates.
PaymentStreamFixingDateBusinessCenterGrp	[0..*]	Group	When specified, this overrides the business centers defined in the DateAdjustment component in Instrument. The specified values would be specific to this instance of the payment stream's reset dates.
PaymentStreamFixingDateOffsetPeriod	[0..1]	int	Conditionally required when PaymentStreamFixingDateOffsetUnit(40778) is specified.
PaymentStreamFixingDateOffsetUnit	[0..1]	CodeSet	Conditionally required when PaymentStreamFixingDateOffsetPeriod(40777) is specified.
PaymentStreamFixingDateOffsetDayType	[0..1]	CodeSet	
PaymentStreamFixingDateAdjusted	[0..1]	LocalMktDate	

Name	Mult.	Type	Description
PaymentStreamRateCutoffDateOffset-Period	[0..1]	int	Conditionally required when PaymentStreamRateCutoffDateOffsetUnit(40782) is specified.
PaymentStreamRateCutoffDateOffsetUnit	[0..1]	CodeSet	Conditionally required when PaymentStreamRateCutoffDateOffsetPeriod(40783) is specified.
PaymentStreamRateCutoffDateOffset-DayType	[0..1]	CodeSet	
PaymentStreamFixingDateGrp	[0..*]	Group	

Used in components: [PaymentStream](#)

### 170.2.4051 PaymentStreamResetFrequencyPeriod

Time unit multiplier for the frequency of resets.

Type: [int](#)

Used in components: [PaymentStreamResetDates](#)

### 170.2.4052 PaymentStreamResetFrequencyUnit

Time unit associated with the frequency of resets.

Type: [String](#)

Allowed values in CouponFrequencyUnitCodeSet:

Code	Name	Description
D	Day	Day
Wk	Week	Week
Mo	Month	Month
Yr	Year	Year
H	Hour	Hour
Min	Minute	Minute
S	Second	Second
T	Term	Term

Used in components: [PaymentStreamResetDates](#)

**170.2.4053 PaymentStreamResetWeeklyRollConvention**

Used to specify the day of the week in which the reset occurs for payments that reset on a weekly basis.

Type: **String**

Allowed values in PaymentStreamResetWeeklyRollConventionCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
MON	Monday	Monday
TUE	Tuesday	Tuesday
WED	Wednesday	Wednesday
THU	Thursday	Thursday
FRI	Friday	Friday
SAT	Saturday	Saturday
SUN	Sunday	Sunday

---

Used in components: **PaymentStreamResetDates**

**170.2.4054 PaymentStreamSettlCurrency**

Specifies the currency that the stream settles in (to support swaps that settle in a currency different from the notional currency). Uses ISO 4217 currency codes.

Type: **Currency**

Used in components: **PaymentStream**

**170.2.4055 PaymentStreamSettlLevel**

Specifies how weather index units are to be calculated.

Type: **int**

Allowed values in PaymentStreamSettlLevelCodeSet:

---

Code	Name	Description
0	Average	Average. The cumulative number of weather index units for each day in the calculation period divided by the number of days in the calculation period.
1	Maximum	Maximum. The maximum number of weather index units for any day in the calculation period.
2	Minimum	Minimum. The minimum number of weather index units for any day in the calculation period.
3	Cumulative	Cumulative. The cumulative number of weather index units for each day in the calculation period.

---

Used in components: [PaymentStreamFloatingRate](#)

#### **170.2.4056 PaymentStreamTotalFixedAmount**

Specifies the total fixed payment amount.

Type: [Amt](#)

Used in components: [PaymentStreamFixedRate](#)

#### **170.2.4057 PaymentStreamType**

Identifies the type of payment stream associated with the swap.

Type: [int](#)

Allowed values in PaymentStreamTypeCodeSet:

---

Code	Name	Description
0	Periodic	Periodic (default)
1	Initial	Initial
2	Single	Single
3	Dividend	Dividend
4	Interest	Interest
5	DividendReturn	Dividend return
6	PriceReturn	Price return
7	TotalReturn	Total return

---

---

Code	Name	Description
8	Variance	Variance
9	Correlation	Correlation

---

Used in components: [PaymentStream](#)

#### **170.2.4058 PaymentStreamUnderlierRefID**

References the dividend underlier through the instrument's UnderlyingSecurityID(309) which must be fully specified in an instance of the UnderlyingInstrument component.

Type: [String](#)

Used in components: [PaymentStreamFloatingRate](#)

#### **170.2.4059 PaymentStreamVarianceUnadjustedCap**

Indicates the scaling factor to be multiplied by the variance strike price thereby making variance cap applicable.

Type: [float](#)

Used in components: [PaymentStreamFloatingRate](#)

#### **170.2.4060 PaymentStreamVegaNotionalAmount**

"Vega Notional" represents the approximate gain/loss at maturity for a 1% difference between RVol (realised volatility) and KVol (strike volatility). It does not necessarily represent the Vega risk of the trade.

Type: [float](#)

Used in components: [PaymentStreamFloatingRate](#)

#### **170.2.4061 PaymentStreamWorldScaleRate**

The number of Worldscale points for purposes of the calculation of a fixed amount for a wet voyage charter commodity swap.

Type: [float](#)

Used in components: [PaymentStreamFixedRate](#)



**170.2.4062 PaymentStubEndDateAdjusted**

The adjusted stub end date.

Type: [LocalMktDate](#)

Used in components: [PaymentStubEndDate](#)

**170.2.4063 PaymentStubEndDateBusinessCenter**

The business center calendar used for date adjustment of the payment stub end date, e.g. "GBLO".

See <http://www.fpml.org/coding-scheme/business-center> for standard 4-character code values.

Type: [String](#)

Used in groups: [PaymentStubEndDateBusinessCenterGrp](#)

**170.2.4064 PaymentStubEndDateBusinessCenterGrp**

PaymentStubEndDateBusinessCenterGrp is a repeating subcomponent within the PaymentStubEndDate component. It is used to specify the set of business centers whose calendars drive the date adjustment. Used only to override the business centers defined in the DateAdjustment component in Instrument.

Name	Mult.	Type	Description
<a href="#">NoPaymentStubEndDateBusinessCenters</a>	[1..1]	NumInGroup	
<a href="#">PaymentStubEndDateBusinessCenter</a>	[0..1]	String	Required if <a href="#">NoPaymentStubEndDateBusinessCenters(42696)</a> > 0.

Used in components: [PaymentStubEndDate](#)

**170.2.4065 PaymentStubEndDateBusinessDayConvention**

The stub end date business day convention.

Type: [int](#)

Allowed values in [BusinessDayConventionCodeSet](#):

Code	Name	Description
0	NotApplicable	Not applicable. Business day convention is not applicable.
1	None	None (current day)
2	FollowingDay	Following day. The following business day.
3	FloatingRateNote	Floating rate note. The FRN business day convention.
4	ModifiedFollowingDay	Modified following day. The modified following business day.
5	PrecedingDay	Preceding day. The preceding business day.
6	ModifiedPrecedingDay	Modified preceding day. The modified preceding business day.
7	NearestDay	Nearest day. The nearest applicable business day.

Used in components: [PaymentStubEndDate](#)

### 170.2.4066 PaymentStubEndDate

PaymentStubEndDate is a subcomponent of the PaymentStubGrp component used to specify the end date of the payment stub.

Name	Mult.	Type	Description
<a href="#">PaymentStubEndDateUnadjusted</a>	[0..1]	LocalMktDate	
<a href="#">PaymentStubEndDateBusinessDay-Convention</a>	[0..1]	CodeSet	When specified, this overrides the business day convention defined in the DateAdjustment component in Instrument. The specified value would be specific to this payment stub instance.
<a href="#">PaymentStubEndDateBusinessCenter-Grp</a>	[0..*]	Group	When specified, this overrides the business centers defined in the DateAdjustment component in Instrument. The specified values would be specific to this payment stub instance.
<a href="#">PaymentStubEndDateRelativeTo</a>	[0..1]	int	
<a href="#">PaymentStubEndDateOffsetPeriod</a>	[0..1]	int	Conditionally required when PaymentStubEndDateOffsetUnit(42693) is specified.
<a href="#">PaymentStubEndDateOffsetUnit</a>	[0..1]	CodeSet	Conditionally required when PaymentStubEndDateOffsetPeriod(42692) is specified.
<a href="#">PaymentStubEndDateOffsetDayType</a>	[0..1]	CodeSet	
<a href="#">PaymentStubEndDateAdjusted</a>	[0..1]	LocalMktDate	

Used in groups: [PaymentStubGrp](#)

#### **170.2.4067 PaymentStubEndDateOffsetDayType**

Specifies the day type of the relative stub end date offset.

Type: [int](#)

Allowed values in PaymentStreamPaymentDateOffsetDayTypeCodeSet:

Code	Name	Description
0	Business	Business
1	Calendar	Calendar
2	CommodityBusiness	Commodity business
3	CurrencyBusiness	Currency business
4	ExchangeBusiness	Exchange business
5	ScheduledTradingDay	Scheduled trading day

Used in components: [PaymentStubEndDate](#)

#### **170.2.4068 PaymentStubEndDateOffsetPeriod**

Time unit multiplier for the relative stub end date offset.

Type: [int](#)

Used in components: [PaymentStubEndDate](#)

#### **170.2.4069 PaymentStubEndDateOffsetUnit**

Time unit associated with the relative stub end date offset.

Type: [String](#)

Allowed values in PaymentStreamPaymentDateOffsetUnitCodeSet:

Code	Name	Description
D	Day	Day
Wk	Week	Week

---

Code	Name	Description
Mo	Month	Month
Yr	Year	Year

---

Used in components: [PaymentStubEndDate](#)

#### **170.2.4070 PaymentStubEndDateRelativeTo**

Specifies the anchor date when the stub end date is relative to an anchor date.

See [http://www.fixtradingcommunity.org/codelists#Relative\\_To\\_Date](http://www.fixtradingcommunity.org/codelists#Relative_To_Date) for values.

Type: [int](#)

Used in components: [PaymentStubEndDate](#)

#### **170.2.4071 PaymentStubEndDateUnadjusted**

The unadjusted stub end date.

Type: [LocalMktDate](#)

Used in components: [PaymentStubEndDate](#)

#### **170.2.4072 PaymentStubFixedAmount**

A fixed payment amount for the stub.

Type: [Amt](#)

Used in groups: [PaymentStubGrp](#)

#### **170.2.4073 PaymentStubFixedCurrency**

The currency of the fixed payment amount. Uses ISO 4217 currency codes.

Type: [Currency](#)

Used in groups: [PaymentStubGrp](#)

**170.2.4074 PaymentStubGrp**

The PaymentStubGrp is a repeating subcomponent of the StreamGrp component used to specify front and back stubs of the payment stream.

Name	Mult.	Type	Description
NoPaymentStubs	[1..1]	NumInGroup	
PaymentStubType	[0..1]	CodeSet	Required if NoPaymentStubs(40872) > 0.
PaymentStubLength	[0..1]	CodeSet	
PaymentStubStartDate	[0..1]	Component	
PaymentStubEndDate	[0..1]	Component	
PaymentStubRate	[0..1]	Percentage	
PaymentStubFixedAmount	[0..1]	Amt	
PaymentStubFixedCurrency	[0..1]	Currency	
PaymentStubIndex	[0..1]	String	
PaymentStubIndexSource	[0..1]	CodeSet	
PaymentStubIndexCurvePeriod	[0..1]	int	Conditionally required when PaymentStubIndexCurveUnit(40881) is specified.
PaymentStubIndexCurveUnit	[0..1]	CodeSet	Conditionally required when PaymentStubIndexCurvePeriod(40880) is specified.
PaymentStubIndexRateMultiplier	[0..1]	float	
PaymentStubIndexRateSpread	[0..1]	PriceOffset	
PaymentStubIndexRateSpreadPositionType	[0..1]	CodeSet	
PaymentStubIndexRateTreatment	[0..1]	CodeSet	
PaymentStubIndexCapRate	[0..1]	Percentage	
PaymentStubIndexCapRateBuySide	[0..1]	CodeSet	
PaymentStubIndexCapRateSellSide	[0..1]	CodeSet	
PaymentStubIndexFloorRate	[0..1]	Percentage	
PaymentStubIndexFloorRateBuySide	[0..1]	CodeSet	
PaymentStubIndexFloorRateSellSide	[0..1]	CodeSet	
PaymentStubIndex2	[0..1]	String	
PaymentStubIndex2Source	[0..1]	CodeSet	
PaymentStubIndex2CurvePeriod	[0..1]	int	Conditionally required when PaymentStubIndex2CurveUnit(40895) is specified.

Name	Mult.	Type	Description
PaymentStubIndex2CurveUnit	[0..1]	CodeSet	Conditionally required when PaymentStubIndex2CurvePeriod(40894) is specified.
PaymentStubIndex2RateMultiplier	[0..1]	float	
PaymentStubIndex2RateSpread	[0..1]	PriceOffset	
PaymentStubIndex2RateSpreadPositionType	[0..1]	CodeSet	
PaymentStubIndex2RateTreatment	[0..1]	CodeSet	
PaymentStubIndex2CapRate	[0..1]	Percentage	
PaymentStubIndex2FloorRate	[0..1]	Percentage	

Used in groups: [StreamGrp](#)

#### **170.2.4075 PaymentStubIndex**

The stub floating rate index.

Type: [String](#)

Used in groups: [PaymentStubGrp](#)

#### **170.2.4076 PaymentStubIndex2**

The second stub floating rate index.

Type: [String](#)

Used in groups: [PaymentStubGrp](#)

#### **170.2.4077 PaymentStubIndex2CapRate**

The cap rate, if any, which applies to the second floating rate. The cap rate (strike) is only required where the floating rate on a swap stream is capped at a certain level. The cap rate is assumed to be exclusive of any spread and is a per annum rate, expressed as a decimal. A cap rate of 5% would be represented as 0.05.

Type: [Percentage](#)

Used in groups: [PaymentStubGrp](#)

**170.2.4078 PaymentStubIndex2CurvePeriod**

Secondary time unit multiplier for the stub floating rate index curve.

Type: **int**

Used in groups: **PaymentStubGrp**

**170.2.4079 PaymentStubIndex2CurveUnit**

Secondary time unit associated with the stub floating rate index curve.

Type: **String**

Allowed values in PaymentStreamRateIndexCurveUnitCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
D	Day	Day
Wk	Week	Week
Mo	Month	Month
Yr	Year	Year

---

Used in groups: **PaymentStubGrp**

**170.2.4080 PaymentStubIndex2FloorRate**

The floor rate, if any, which applies to the second floating rate. The floor rate (strike) is only required where the floating rate on a swap stream is floored at a certain strike level. The floor rate is assumed to be exclusive of any spread and is a per annum rate, expressed as a decimal. A floor rate of 5% would be represented as 0.05.

Type: **Percentage**

Used in groups: **PaymentStubGrp**

**170.2.4081 PaymentStubIndex2RateMultiplier**

A rate multiplier to apply to the second floating rate. The multiplier can be less than or greater than 1 (one). This element should only be included if the multiplier is not equal to 1 (one) for the term of the stream.

Type: **float**

Used in groups: **PaymentStubGrp**

#### **170.2.4082 PaymentStubIndex2RateSpread**

Spread from the second floating rate index.

Type: **PriceOffset**

Used in groups: **PaymentStubGrp**

#### **170.2.4083 PaymentStubIndex2RateSpreadPositionType**

Identifies whether the rate spread is applied to a long or short position.

Type: **int**

Allowed values in PaymentStreamRateSpreadPositionTypeCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	Short	Short
1	Long	Long

---

Used in groups: **PaymentStubGrp**

#### **170.2.4084 PaymentStubIndex2RateTreatment**

Specifies the yield calculation treatment for the second stub index.

Type: **int**

Allowed values in PaymentStreamRateTreatmentCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	BondEquivalentYield	Bond equivalent yield
1	MoneyMarketYield	Money market yield

---

Used in groups: **PaymentStubGrp**



**170.2.4085 PaymentStubIndex2Source**

The source of the second stub floating rate index.

Type: **int**

Allowed values in PaymentStreamRateIndexSourceCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	Bloomberg	Bloomberg
1	Reuters	Reuters
2	Telerate	Telerate
99	Other	Other

---

Used in groups: **PaymentStubGrp**

**170.2.4086 PaymentStubIndexCapRate**

The cap rate, if any, which applies to the floating rate. The cap rate (strike) is only required where the floating rate on a swap stream is capped at a certain level. The cap rate is assumed to be exclusive of any spread and is a per annum rate, expressed as a decimal. A cap rate of 5% would be represented as 0.05.

Type: **Percentage**

Used in groups: **PaymentStubGrp**

**170.2.4087 PaymentStubIndexCapRateBuySide**

Reference to the buyer of the cap rate option through its trade side.

Type: **int**

Allowed values in PaymentStreamCapRateBuySideCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
1	Buyer	Buyer of the trade
2	Seller	Seller of the trade

---

Used in groups: **PaymentStubGrp**

**170.2.4088 PaymentStubIndexCapRateSellSide**

Reference to the seller of the cap rate option through its trade side.

Type: **int**

Allowed values in PaymentStreamCapRateBuySideCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
1	Buyer	Buyer of the trade
2	Seller	Seller of the trade

---

Used in groups: **PaymentStubGrp**

**170.2.4089 PaymentStubIndexCurvePeriod**

Time unit multiplier for the stub floating rate index.

Type: **int**

Used in groups: **PaymentStubGrp**

**170.2.4090 PaymentStubIndexCurveUnit**

Time unit associated with the stub floating rate index.

Type: **String**

Allowed values in PaymentStreamRateIndexCurveUnitCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
D	Day	Day
Wk	Week	Week
Mo	Month	Month
Yr	Year	Year

---

Used in groups: **PaymentStubGrp**

**170.2.4091 PaymentStubIndexFloorRate**

The floor rate, if any, which applies to the floating rate. The floor rate (strike) is only required where the floating rate on a swap stream is floored at a certain strike level. The floor rate is assumed to be exclusive of any spread and is a per annum rate, expressed as a decimal. A floor rate of 5% would be represented as 0.05.

Type: **Percentage**

Used in groups: **PaymentStubGrp**

**170.2.4092 PaymentStubIndexFloorRateBuySide**

Reference to the buyer of the floor rate option through its trade side.

Type: **int**

Allowed values in PaymentStreamFloorRateBuySideCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
1	Buyer	Buyer of the trade
2	Seller	Seller of the trade

---

Used in groups: **PaymentStubGrp**

**170.2.4093 PaymentStubIndexFloorRateSellSide**

Reference to the seller of the floor rate option through its trade side.

Type: **int**

Allowed values in PaymentStreamFloorRateBuySideCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
1	Buyer	Buyer of the trade
2	Seller	Seller of the trade

---

Used in groups: **PaymentStubGrp**

**170.2.4094 PaymentStubIndexRateMultiplier**

A rate multiplier to apply to the floating rate. The multiplier can be less than or greater than 1 (one). This element should only be included if the multiplier is not equal to 1 (one) for the term of the stream.

Type: **float**

Used in groups: **PaymentStubGrp**

**170.2.4095 PaymentStubIndexRateSpread**

Spread from floating rate index.

Type: **PriceOffset**

Used in groups: **PaymentStubGrp**

**170.2.4096 PaymentStubIndexRateSpreadPositionType**

Identifies whether the rate spread is applied to a long or short position.

Type: **int**

Allowed values in PaymentStreamRateSpreadPositionTypeCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	Short	Short
1	Long	Long

---

Used in groups: **PaymentStubGrp**

**170.2.4097 PaymentStubIndexRateTreatment**

Specifies the yield calculation treatment for the payment stub index.

Type: **int**

Allowed values in PaymentStreamRateTreatmentCodeSet:

---

Code	Name	Description
0	BondEquivalentYield	Bond equivalent yield
1	MoneyMarketYield	Money market yield

---

Used in groups: [PaymentStubGrp](#)

### 170.2.4098 PaymentStubIndexSource

The source of the stub floating rate index.

Type: [int](#)

Allowed values in PaymentStreamRateIndexSourceCodeSet:

---

Code	Name	Description
0	Bloomberg	Bloomberg
1	Reuters	Reuters
2	Telerate	Telerate
99	Other	Other

---

Used in groups: [PaymentStubGrp](#)

### 170.2.4099 PaymentStubLength

Optional indication whether stub is shorter or longer than the regular swap period.

Type: [int](#)

Allowed values in PaymentStubLengthCodeSet:

---

Code	Name	Description
0	Short	Short
1	Long	Long

---

Used in groups: [PaymentStubGrp](#)

**170.2.4100 PaymentStubRate**

The agreed upon fixed rate for this stub.

Type: **Percentage**

Used in groups: **PaymentStubGrp**

**170.2.4101 PaymentStubStartDateAdjusted**

The adjusted stub start date.

Type: **LocalMktDate**

Used in components: **PaymentStubStartDate**

**170.2.4102 PaymentStubStartDateBusinessCenter**

The business center calendar used for date adjustment of the payment stub start date, e.g. "GBLO".

See <http://www.fpml.org/coding-scheme/business-center> for standard 4-character code values.

Type: **String**

Used in groups: **PaymentStubStartDateBusinessCenterGrp**

**170.2.4103 PaymentStubStartDateBusinessCenterGrp**

PaymentStubStartDateBusinessCenterGrp is a repeating subcomponent within the PaymentStubStartDate component. It is used to specify the set of business centers whose calendars drive the date adjustment. Used only to override the business centers defined in the DateAdjustment component in Instrument.

Name	Mult.	Type	Description
<b>NoPaymentStubStartDateBusinessCenters</b>	[1..1]	NumInGroup	
<b>PaymentStubStartDateBusinessCenter</b>	[0..1]	String	Required if NoPaymentStubStartDateBusinessCenters(42705) > 0.

Used in components: **PaymentStubStartDate**

**170.2.4104 PaymentStubStartDateBusinessDayConvention**

The stub start date business day convention.

Type: **int**

Allowed values in BusinessDayConventionCodeSet:

Code	Name	Description
0	NotApplicable	Not applicable. Business day convention is not applicable.
1	None	None (current day)
2	FollowingDay	Following day. The following business day.
3	FloatingRateNote	Floating rate note. The FRN business day convention.
4	ModifiedFollowingDay	Modified following day. The modified following business day.
5	PrecedingDay	Preceding day. The preceding business day.
6	ModifiedPrecedingDay	Modified preceding day. The modified preceding business day.
7	NearestDay	Nearest day. The nearest applicable business day.

Used in components: **PaymentStubStartDate**

**170.2.4105 PaymentStubStartDate**

PaymentStubStartDate is a subcomponent of the PaymentStubGrp component used to specify the start date of the payment stub.

Name	Mult.	Type	Description
<b>PaymentStubStartDateUnadjusted</b>	[0..1]	LocalMktDate	
<b>PaymentStubStartDateBusinessDayConvention</b>	[0..1]	CodeSet	When specified, this overrides the business day convention defined in the DateAdjustment component in Instrument. The specified value would be specific to this payment stub instance.
<b>PaymentStubStartDateBusinessCenterGrp</b>	[0..*]	Group	When specified, this overrides the business centers defined in the DateAdjustment component in Instrument. The specified values would be specific to this payment stub instance.
<b>PaymentStubStartDateRelativeTo</b>	[0..1]	int	
<b>PaymentStubStartDateOffsetPeriod</b>	[0..1]	int	Conditionally required when PaymentStubStartDateOffsetUnit(42702) is specified.

Name	Mult.	Type	Description
PaymentStubStartDateOffsetUnit	[0..1]	CodeSet	Conditionally required when PaymentStubStartDateOffsetPeriod(42701) is specified.
PaymentStubStartDateOffsetDayType	[0..1]	CodeSet	
PaymentStubStartDateAdjusted	[0..1]	LocalMktDate	

Used in groups: [PaymentStubGrp](#)

### 170.2.4106 PaymentStubStartDateOffsetDayType

Specifies the day type of the relative stub start date offset.

Type: [int](#)

Allowed values in PaymentStreamPaymentDateOffsetDayTypeCodeSet:

Code	Name	Description
0	Business	Business
1	Calendar	Calendar
2	CommodityBusiness	Commodity business
3	CurrencyBusiness	Currency business
4	ExchangeBusiness	Exchange business
5	ScheduledTradingDay	Scheduled trading day

Used in components: [PaymentStubStartDate](#)

### 170.2.4107 PaymentStubStartDateOffsetPeriod

Time unit multiplier for the relative stub start date offset.

Type: [int](#)

Used in components: [PaymentStubStartDate](#)



**170.2.4108 PaymentStubStartDateOffsetUnit**

Time unit associated with the relative stub start date offset.

Type: **String**

Allowed values in PaymentStreamPaymentDateOffsetUnitCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
D	Day	Day
Wk	Week	Week
Mo	Month	Month
Yr	Year	Year

---

Used in components: **PaymentStubStartDate**

**170.2.4109 PaymentStubStartDateRelativeTo**

Specifies the anchor date when the stub start date is relative to an anchor date.

See [http://www.fixtradingcommunity.org/codelists#Relative\\_To\\_Date](http://www.fixtradingcommunity.org/codelists#Relative_To_Date) for values.

Type: **int**

Used in components: **PaymentStubStartDate**

**170.2.4110 PaymentStubStartDateUnadjusted**

The unadjusted stub start date.

Type: **LocalMktDate**

Used in components: **PaymentStubStartDate**

**170.2.4111 PaymentStubType**

Stub type.

Type: **int**

Allowed values in PaymentStubTypeCodeSet:

Code	Name	Description
0	Initial	Initial
1	Final	Final
2	CompoundingInitial	Compounding initial
3	CompoundingFinal	Compounding final

Used in groups: [PaymentStubGrp](#)

### 170.2.4112 PaymentSubType

Used to further clarify the value of PaymentType(40213).

Type: [int](#)

Allowed values in PaymentSubTypeCodeSet:

Code	Name	Description
0	Initial	Initial (principal exchange)
1	Intermediate	Intermediate (principal exchange)
2	Final	Final (principal exchange)
3	Prepaid	Prepaid (premium forward)
4	Postpaid	Postpaid (premium forward)
5	Variable	Variable (premium forward)
6	Fixed	Fixed (premium forward)
7	Swap	Swap (premium). Indicates that the premium is to be paid in the style of payments under an IRS contract.
8	Conditional	Conditional (principal exchange on exercise)
9	FixedRate	Fixed rate. Applicable to PaymentType(40213)=14 (Rebate) for which PaymentFixedRate(43097) and its qualifiers supersede PaymentAmount(40217).
10	FloatingRate	Floating rate. Applicable to PaymentType(40213)=14 (Rebate) for which PaymentFloatingRateIndex(43098) and its qualifiers supersede PaymentAmount(40217).

Used in groups: [PaymentGrp](#)

**170.2.4113 PaymentText**

Free form text to specify additional information or enumeration description when a standard value does not apply. Identifies the payment type when PaymentType(40213) = 99 (Other).

Type: **String**

Used in groups: **PaymentGrp**

**170.2.4114 PaymentType**

Type of payment.

Type: **int**

Allowed values in PaymentTypeCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	Brokerage	Brokerage
1	UpfrontFee	Upfront fee
2	IndependentAmountCollateral	Independent amount / collateral
3	PrincipalExchange	Principal exchange
4	NovationTermination	Novation / termination
5	EarlyTerminationProvision	Early termination provision
6	CancelableProvision	Cancelable provision
7	ExtendibleProvision	Extendible provision
8	CapRateProvision	Cap rate provision
9	FloorRateProvision	Floor rate provision
10	OptionPremium	Option premium
11	SettlementPayment	Settlement payment
12	CashSettl	Cash settlement
13	SecurityLending	Security lending. Fee that the borrower of the security or commodity pays to the lender. The basis rate is specified in PaymentFixedRate(43097). A security lending fee payment may be periodic, in which case specify PaymentFrequencyPeriod(43102) and PaymentFrequencyUnit(43103).

Code	Name	Description
14	Rebate	Rebate. For contracts calling for rebate payment(s), e.g. Securities Lending, normally specified as a fixed or floating rate rather than a fixed amount. A rebate payment may be periodic, in which case specify PaymentFrequencyPeriod(43102) and PaymentFrequencyUnit(43103).
99	Other	Other

Used in groups: [PaymentGrp](#)

### 170.2.4115 PaymentUnitOfMeasure

Used to express the unit of measure (UOM) of the payment amount if not in the currency of the trade.

Type: [String](#)

Allowed values in UnitOfMeasureCodeSet:

Code	Name	Description
Alw	Allowances	Allowances
Bcf	BillionCubicFeet	Billion cubic feet
Bbl	Barrels	Barrels. Equal to 42 US gallons
CBM	CubicMeters	Cubic Meters
BDFT	BoardFeet	Board feet. Equal to 144 cubic inches
GJ	Gigajoules	gigajoules
Bu	Bushels	Bushels
kHR	HeatRate	Heat rate. The number of BTUs required to produce one kilowatt hour of electricity, typically 3,412.14 BTUs per 1 kWh.
Ccy	Currency	Amount of currency
kWh	KilowattHours	Kilowatt hours
CDD	CoolingDegreeDay	Cooling degree day
MHR	MegaHeatRate	Mega heat rate. The number of million BTUs required to produce one megawatt hour of electricity, typically 3.41214 million BTUs per 1 MWh.
CER	CertifiedEmissionsReduction	Certified emissions reduction
MMBtu	OneMillionBTU	One Million BTU
CPD	CriticalPrecipDay	Critical precipitation day

<b>Code</b>	<b>Name</b>	<b>Description</b>
MWh	MegawattHours	Megawatt hours
CRT	ClimateReserveTonnes	Climate reserve tonnes
thm	Therms	therms. Equal to 100,000 BTU
cwt	Hundredweight	Hundredweight(US). Equal to 100 lbs
tnCO2	TonsOfCarbonDioxide	Tons of carbon dioxide
day	Day	Days
dt	DryMetricTons	Dry metric tons
EnvAllwnc	EnvAllwncCert	Environmental allowance certificates
EnvCrd	EnvironmentalCredit	Environmental credit
EnvOfst	EnvironmentalOffset	Environmental Offset
g	Grams	Grams
Gal	Gallons	Gallons
GT	GrossTons	Gross tons. Also known as long tons or imperial tons, equal to 2240 lbs
HDD	HeatingDegreeDay	Heating degree day
IPNT	IndexPoint	Index point
kg	Kilograms	Kilograms
kL	Kiloliters	kiloliters
kW-a	KilowattYear	Kilowatt year (electrical capacity)
kW-d	KilowattDay	Kilowatt day (electrical capacity)
kW-h	KilowattHour	Kilowatt hour (electrical capacity)
kW-M	KilowattMonth	Kilowatt month (electrical capacity)
kW-min	KilowattMinute	Kilowatt-Minute (electrical capacity)
L	Liters	liters
lbs	Pounds	pounds
MW-a	MegawattYear	Megawatt year (electrical capacity)
MW-d	MegawattDay	Megawatt day (electrical capacity)
MW-h	MegawattHour	Megawatt hour (electrical capacity)
MW-M	MegawattMonth	Megawatt month (electrical capacity)
MW-min	MegawattMinute	Megawatt minute (electrical capacity)
oz_tr	TroyOunces	Troy ounces
PRINC	PrincipalWithRelationToDebtInstrument	Principal with relation to debt instrument
t	MetricTons	Metric tons. Also known as Tonnes, equal to 1000 kg
tn	Tons	Tons (US). Equal to 2000 lbs

<b>Code</b>	<b>Name</b>	<b>Description</b>
a	Are	Are
ac	Acre	Acre
cL	Centiliter	Centiliter
cM	Centimeter	Centimeter
DGE	DieselGallonEquivalent	Diesel gallon equivalent
ft	Foot	Foot
Gal_gb	GBGallon	GB Gallon
GGE	GasolineGallonEquivalent	Gasonline gallon equivalent
ha	Hectare	Hectare
in	Inch	Inch
kM	Kilometer	Kilometer
M	Meter	Meter
mi	Mile	Mile
mL	Milliliter	Milliliter
mM	Millimeter	Millimeter
oz	USOunce	US ounce
pc	Piece	Piece
pt	USPint	US Pint
pt_gb	GBPint	GB pint
qt	USQuart	US Quart
qt_gb	GBQuart	GB Quart
SqcM	SquareCentimeter	Square centimeter
Sqft	SquareFoot	Square foot
Sqin	SquareInch	Square inch
SqkM	SquareKilometer	Square kilometer
SqM	SquareMeter	Square meter
Sqmi	SquareMile	Square mile
SqmM	SquareMillimeter	Square millimeter
Sqyd	SquareYard	Square yard
yd	Yard	Yard
MMbbl	MillionBarrels	Million Barrels
USD	USDollars	US Dollars

Used in groups: [PaymentGrp](#)

**170.2.4116 PayReportID**

Unique ID of the PayManagementReport(35=EA) message.

Type: **String**

Used in messages: **PayManagementReport**, **PayManagementReportAck**

**170.2.4117 PayReportRefID**

Reference identifier of the PayManagementReport(35=EA). To be used with PayReportTransType(2804)=1 (Replace).

Type: **String**

Used in messages: **PayManagementReport**

**170.2.4118 PayReportStatus**

Identifies status of the payment report.

Type: **int**

Allowed values in PayReportStatusCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	Received	Received, not yet processed
1	Accepted	Accepted
2	Rejected	Rejected
3	Disputed	Disputed. Used when there is some type of mismatch that can be resolved.

---

Used in messages: **PayManagementReportAck**

**170.2.4119 PayReportTransType**

Identifies the message transaction type.

Type: **int**

Allowed values in PayReportTransTypeCodeSet:

---

Code	Name	Description
0	New	New
1	Replace	Replace
2	Status	Status. An unsolicited message reporting the current progress status of the payment.

---

Used in messages: [PayManagementReport](#)

#### **170.2.4120 PayRequestID**

Unique ID of the PayManagementRequest(35=DY) message.

Type: [String](#)

Used in messages: [PayManagementReport](#), [PayManagementRequest](#), [PayManagementRequestAck](#)

#### **170.2.4121 PayRequestRefID**

Reference identifier of the PayManagementRequest(35=DY). To be used with PayRequest-TransType(2811)=1 (Cancel).

Type: [String](#)

Used in messages: [PayManagementRequest](#)

#### **170.2.4122 PayRequestStatus**

Identifies status of the request being responded to.

Type: [int](#)

Allowed values in PayRequestStatusCodeSet:

---

Code	Name	Description
0	Received	Received, not yet processed
1	Accepted	Accepted
2	Rejected	Rejected
3	Disputed	Disputed. Used when there is some type of mismatch that can be resolved.

---



Used in messages: [PayManagementReport](#), [PayManagementRequestAck](#)

### **170.2.4123 PayRequestTransType**

Identifies the message transaction type.

Type: [int](#)

Allowed values in [PayRequestTransTypeCodeSet](#):

Code	Name	Description
0	New	New
1	Cancel	Cancel

Used in messages: [PayManagementRequest](#)

### **170.2.4124 PctAtRisk**

Percent at risk due to lowest possible call.

Type: [Percentage](#)

Used in components: [InstrumentExtension](#)

### **170.2.4125 PeggedPrice**

The price the order is currently pegged at

Type: [Price](#)

Used in messages: [ExecutionReport](#)

### **170.2.4126 PeggedRefPrice**

The value of the reference price that the order is pegged to.  $\text{PeggedRefPrice} + \text{PegOffsetValue} (211) = \text{PeggedPrice} (839)$  unless the limit price (44, [Price](#)) is breached. The values may not be exact due to rounding.

Type: [Price](#)

Used in messages: [ExecutionReport](#)

### 170.2.4127 PegInstructions

The Peg Instructions component block is used to tie the price of a security to a market event such as opening price, mid-price, best price. The Peg Instructions block may also be used to tie the price to the behavior of a related security.

Name	Mult.	Type	Description
PegOffsetValue	[0..1]	float	Amount (signed) added to the peg for a pegged order in the context of the PegOffsetType
PegPriceType	[0..1]	CodeSet	Defines the type of peg.
PegMoveType	[0..1]	CodeSet	Describes whether peg is static/fixed or floats
PegOffsetType	[0..1]	CodeSet	Type of Peg Offset (e.g. price offset, tick offset etc)
PegLimitType	[0..1]	CodeSet	Specifies nature of resulting pegged price (e.g. or better limit, strict limit etc)
PegRoundDirection	[0..1]	CodeSet	If the calculated peg price is not a valid tick price, specifies how to round the price (e.g. be more or less aggressive)
PegScope	[0..1]	CodeSet	The scope of the "related to" price of the peg (e.g. local, global etc)
PegSecurityIDSource	[0..1]	CodeSet	Required if PegSecurityID is specified.
PegSecurityID	[0..1]	String	Requires PegSecurityIDSource if specified.
PegSymbol	[0..1]	String	
PegSecurityDesc	[0..1]	String	

Used in groups: [ListOrdGrp](#)

Used in messages: [CrossOrderCancelReplaceRequest](#), [ExecutionReport](#), [MultilegOrderCancelReplace](#), [NewOrderCross](#), [NewOrderMultileg](#), [NewOrderSingle](#), [OrderCancelReplaceRequest](#)

### 170.2.4128 PegLimitType

Type of Peg Limit

Type: `int`

Allowed values in PegLimitTypeCodeSet:

---

Code	Name	Description
0	OrBetter	Or better (default) - price improvement allowed
1	Strict	Strict - limit is a strict limit
2	OrWorse	Or worse - for a buy the peg limit is a minimum and for a sell the peg limit is a maximum (for use for orders which have a price range)

---

Used in components: [PegInstructions](#)

### 170.2.4129 PegMoveType

Describes whether peg is static or floats

Type: [int](#)

Allowed values in PegMoveTypeCodeSet:

---

Code	Name	Description
0	Floating	Floating (default)
1	Fixed	Fixed

---

Used in components: [PegInstructions](#)

### 170.2.4130 PegOffsetType

Type of Peg Offset value

Type: [int](#)

Allowed values in PegOffsetTypeCodeSet:

---

Code	Name	Description
0	Price	Price (default)
1	BasisPoints	Basis Points
2	Ticks	Ticks
3	PriceTier	Price Tier / Level
4	Percentage	Percentage

---

Used in components: [PegInstructions](#)

### 170.2.4131 PegOffsetValue

Amount (signed) added to the peg for a pegged order in the context of the PegOffsetType (836)  
(Prior to FIX 4.4 this field was of type PriceOffset)

Type: [float](#)

Used in components: [PegInstructions](#)

### 170.2.4132 PegPriceType

Defines the type of peg.

Type: [int](#)

Allowed values in PegPriceTypeCodeSet:

---

Code	Name	Description
1	LastPeg	Last peg (last sale)
2	MidPricePeg	Mid-price peg (midprice of inside quote)
3	OpeningPeg	Opening peg
4	MarketPeg	Market peg
5	PrimaryPeg	Primary peg (primary market - buy at bid or sell at offer)
7	PegToVWAP	Peg to VWAP
8	TrailingStopPeg	Trailing Stop Peg
9	PegToLimitPrice	Peg to Limit Price
10	ShortSaleMinPricePeg	Short sale minimum price Peg. Short sale minimum price Peg (published price that a short sell order must meet in order to comply with regulatory requirements, e.g. SEC uptick rules).

---

Used in components: [PegInstructions](#)

### 170.2.4133 PegRoundDirection

If the calculated peg price is not a valid tick price, specifies whether to round the price to be more or less aggressive

Type: **int**

Allowed values in PegRoundDirectionCodeSet:

Code	Name	Description
1	MoreAggressive	More aggressive - on a buy order round the price up to the nearest tick; on a sell order round down to the nearest tick
2	MorePassive	More passive - on a buy order round down to the nearest tick; on a sell order round up to the nearest tick

Used in components: **PegInstructions**

#### **170.2.4134 PegScope**

The scope of the peg

Type: **int**

Allowed values in PegScopeCodeSet:

Code	Name	Description
1	Local	Local (Exchange, ECN, ATS)
2	National	National
3	Global	Global
4	NationalExcludingLocal	National excluding local

Used in components: **PegInstructions**

#### **170.2.4135 PegSecurityDesc**

Security description of the security off whose prices the order will Peg.

Type: **String**

Used in components: **PegInstructions**

**170.2.4136 PegSecurityID**

Defines the identity of the security off whose prices the order will peg.

Type: **String**

Used in components: **PegInstructions**

**170.2.4137 PegSecurityIDSource**

Defines the identity of the security off whose prices the order will peg. Same values as SecurityIDSource (22)

Type: **String**

Allowed values in SecurityIDSourceCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
1	CUSIP	CUSIP
2	SEDOL	SEDOL
3	QUIK	QUIK
4	ISINNumber	ISIN
5	RICCode	RIC
6	ISOCurrencyCode	ISO Currency Code (ISO 4217)
7	ISOCountryCode	ISO Country Code
8	ExchangeSymbol	Exchange symbol
9	ConsolidatedTapeAssociation	Consolidated Tape Association (CTA) Symbol (SIAC CTS/CQS line format)
A	BloombergSymbol	Bloomberg Symbol
B	Wertpapier	Wertpapier
C	Dutch	Dutch
D	Valoren	Valoren
E	Sicovam	Sicovam
F	Belgian	Belgian
G	Common	"Common" (Clearstream and Euroclear)
H	ClearingHouse	Clearing house / Clearing organization
I	ISDAFpMLSpecification	ISDA/FpML product specification (XML in SecurityXML(1185))
J	OptionPriceReportingAuthority	Option Price Reporting Authority
K	ISDAFpMLURL	ISDA/FpML product URL (URL in SecurityID(48))

---

Code	Name	Description
L	LetterOfCredit	Letter of credit
M	MarketplaceAssignedIdentifier	Marketplace-assigned Identifier
N	MarkitREDEntityCLIP	Markit RED entity CLIP
P	MarkitREDPairCLIP	Markit RED pair CLIP
Q	CFTCCommodityCode	CFTC commodity code
R	ISDACommodityReferencePrice	ISDA Commodity Reference Price
S	FinancialInstrumentGlobalIdentifier	Financial Instrument Global Identifier. An Object Management Group (OMG) standard. Also referred to as FIGI. Formerly known as "Bloomberg Open Symbology BBGID".
T	LegalEntityIdentifier	Legal entity identifier
U	Synthetic	Synthetic. Used to specify that the security identifier is synthetic for linking nested underliers when there is no market identifier for the collection.
V	FidessaInstrumentMnemonic	Fidessa Instrument Mnemonic (FIM)
W	IndexName	Index name. Standard name of the index or rate index, e.g. "LIBOR" or "iTraxx Australia".
X	UniformSymbol	Uniform Symbol (UMTF Symbol)
Y	DigitalTokenIdentifier	Digital Token Identifier (ISO 24165)

---

Used in components: [PegInstructions](#)

### 170.2.4138 PegSymbol

Defines the common, 'human understood' representation of the security off whose prices the order will Peg.

Type: [String](#)

Used in components: [PegInstructions](#)

### 170.2.4139 PhysicalSettlBusinessDays

The number of business days used in the determination of physical settlement. Its precise meaning depends on the context in which this element is used.

Type: [int](#)

Used in groups: [PhysicalSettlTermGrp](#)

**170.2.4140 PhysicalSettlCurrency**

Specifies the currency of physical settlement. Uses ISO 4217 currency codes.

Type: **Currency**

Used in groups: **PhysicalSettlTermGrp**

**170.2.4141 PhysicalSettlDeliverableObligationGrp**

The PhysicalSettlDeliverableObligationGrp is a repeating component within the PhysicalSettlTermGrp component used to report CDS physical settlement delivery obligations.

---

<b>Name</b>	<b>Mult.</b>	<b>Type</b>	<b>Description</b>
<b>NoPhysicalSettlDeliverableObligations</b>	[1..1]	NumInGroup	
<b>PhysicalSettlDeliverableObligation-Type</b>	[0..1]	String	Required if NoPhysicalSettlDeliverableObligations (40209) > 0.
<b>PhysicalSettlDeliverableObligationValue</b>	[0..1]	String	

---

Used in groups: **PhysicalSettlTermGrp**

**170.2.4142 PhysicalSettlDeliverableObligationType**

Specifies the type of deliverable obligation applicable for physical settlement. See <http://www.fixtradingcommunity.org> for code list for applicable deliverable obligation types.

Type: **String**

Used in groups: **PhysicalSettlDeliverableObligationGrp**

**170.2.4143 PhysicalSettlDeliverableObligationValue**

Physical settlement deliverable obligation value appropriate to PhysicalSettlDeliverableObligationType(40210). See [http://www.fixtradingcommunity.org/codelists#Deliverable\\_Obligation\\_Types](http://www.fixtradingcommunity.org/codelists#Deliverable_Obligation_Types) for applicable obligation type values.

Type: **String**

Used in groups: **PhysicalSettlDeliverableObligationGrp**



**170.2.4144 PhysicalSettlMaximumBusinessDays**

A maximum number of business days. Its precise meaning depends on the context in which this element is used. Intended to be used to limit a particular ISDA fallback provision.

Type: **int**

Used in groups: **PhysicalSettlTermGrp**

**170.2.4145 PhysicalSettlTermGrp**

The PhysicalSettlTermGrp is a repeating component within the Instrument component used to report physical settlement terms referenced from UnderlyingInstrument component.

Name	Mult.	Type	Description
NoPhysicalSettlTerms	[1..1]	NumInGroup	
PhysicalSettlDeliverableObligationGrp	[0..*]	Group	Required if NoPhysicalSettlTerms(40204) > 0.
PhysicalSettlCurrency	[0..1]	Currency	
PhysicalSettlBusinessDays	[0..1]	int	
PhysicalSettlMaximumBusinessDays	[0..1]	int	
PhysicalSettlTermXID	[0..1]	XID	

Used in components: **Instrument**

**170.2.4146 PhysicalSettlTermXID**

A named string value referenced by UnderlyingSettlTermXIDRef(41315).

Type: **XID**

Used in groups: **PhysicalSettlTermGrp**

**170.2.4147 Pool**

For Fixed Income, identifies MBS / ABS pool.

Type: **String**

Used in components: **Instrument**

**170.2.4148 PosAmt**

Position amount

Type: **Amt**

Used in groups: **PositionAmountData**

**170.2.4149 PosAmtMarketID**

Market associated with the position amount.

Type: **String**

Used in groups: **PositionAmountData**

**170.2.4150 PosAmtMarketSegmentID**

Market segment associated with the position amount.

Type: **String**

Used in groups: **PositionAmountData**

**170.2.4151 PosAmtPrice**

The price used to calculate the PosAmt(708).

Type: **Price**

Used in groups: **PositionAmountData**

**170.2.4152 PosAmtPriceType**

Specifies the type of price for PosAmtPrice(2876).

Type: **int**

Allowed values in PriceTypeCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
1	Percentage	Percentage (i.e. percent of par) (often called "dollar price" for fixed income)

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
2	PerUnit	Per unit (i.e. per share or contract)
3	FixedAmount	Fixed amount (absolute value)
4	Discount	Discount - percentage points below par
5	Premium	Premium - percentage points over par
6	Spread	Spread (basis points spread). Usually the difference in yield between two switched bonds or a corporate bond traded spread-to-benchmark.
7	TEDPrice	TED Price
8	TEDYield	TED Yield
9	Yield	Yield
10	FixedCabinetTradePrice	Fixed cabinet trade price (primarily for listed futures and options)
11	VariableCabinetTradePrice	Variable cabinet trade price (primarily for listed futures and options)
12	PriceSpread	Price spread. Price spread is expressed based on market convention for the asset being priced or traded. For example, the difference between the prices of a multileg switch or strategy expressed in basis points for a CDS or TBA roll; a price value to be added to a reference price, such as a "pay up" for specified pools
13	ProductTicksInHalves	Product ticks in halves
14	ProductTicksInFourths	Product ticks in fourths
15	ProductTicksInEighths	Product ticks in eighths
16	ProductTicksInSixteenths	Product ticks in sixteenths
17	ProductTicksInThirtySeconds	Product ticks in thirty-seconds
18	ProductTicksInSixtyFourths	Product ticks in sixty-fourths
19	ProductTicksInOneTwentyEighths	Product ticks in one-twenty-eighths
20	NormalRateRepresentation	Normal rate representation (e.g. FX rate)
21	InverseRateRepresentation	Inverse rate representation (e.g. FX rate)
22	BasisPoints	Basis points. When the price is not spread based.
23	UpfrontPoints	Up front points. Used specifically for CDS pricing.
24	InterestRate	Interest rate. When the price is an interest rate. For example, used with benchmark reference rate.
25	PercentageNotional	Percentage of notional

Used in groups: **PositionAmountData**

**170.2.4153 PosAmtReason**

Specifies the reason for an amount type when reported on a position. Useful when multiple instances of the same amount type are reported.

Type: **int**

Allowed values in PosAmtReasonCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	OptionsSettlement	Options settlement
1	PendingErosionAdjustment	Pending erosion adjustment
2	FinalErosionAdjustment	Final erosion adjustment
3	TearUpCouponAmount	Tear-up coupon amount
4	PriceAlignmentInterest	Price alignment interest. To minimize the impact of daily cash variation margin payments on the pricing of interest rate swaps, the Clearing House will charge interest on cumulative variation margin received and pay interest on cumulative variation margin paid in respect of these instruments. This interest element is known as price alignment interest.
5	DeliveryInvoiceCharges	Delivery invoice charges
6	DeliveryStorageCharges	Delivery storage charges

---

Used in groups: **PositionAmountData**

**170.2.4154 PosAmtStreamDesc**

Corresponds to the value in StreamDesc(40051) in the StreamGrp component.

Type: **String**

Used in groups: **PositionAmountData**

**170.2.4155 PosAmtType**

Type of Position amount

Type: **String**

Allowed values in PosAmtTypeCodeSet:

<b>Code</b>	<b>Name</b>	<b>Description</b>
CASH	CashAmount	Cash amount (corporate event)
CRES	CashResidualAmount	Cash residual amount
FMTM	FinalMarkToMarketAmount	Final mark-to-market amount
IMTM	IncrementalMarkToMarketAmount	Incremental mark-to-market
PREM	PremiumAmount	Premium amount
SMTM	StartOfDayMarkToMarketAmount	Start of day mark-to-market
TVAR	TradeVariationAmount	Trade variation amount
VADJ	ValueAdjustedAmount	Value adjusted amount
SETL	SettlementValue	Settlement value
ICPN	InitialTradeCouponAmount	Initial trade coupon amount
ACPN	AccruedCouponAmount	Accrued coupon amount
CPN	CouponAmount	Coupon amount
IACPN	IncrementalAccruedCoupon	Incremental accrued coupon
CMTM	CollateralizedMarkToMarket	Collateralized mark-to-market
ICMTM	IncrementalCollateralizedMark-ToMarket	Incremental collateralized mark-to-market
DLV	CompensationAmount	Compensation amount
BANK	TotalBankedAmount	Total banked amount
COLAT	TotalCollateralizedAmount	Total collateralized amount
LSNV	LongPairedSwapNotionalValue	Long paired swap or swaption notional value
SSNV	ShortPairedSwapNotionalValue	Short paired swap or swaption notional value
SACPN	StartOfDayAccruedCoupon	Start-of-day accrued coupon
NPV	NetPresentValue	Net present value
SNPV	StartOfDayNetPresentValue	Start-of-day net present value
NCF	NetCashFlow	Net cash flow
PVFEES	PresentValueOfFees	Present value of all fees
PV01	PresentValueOneBasisPoints	Present value of one basis points. Change in value if yield curve shifts 0.01%.
5YREN	FiveYearEquivalentNotional	The five year equivalent notional amount
UMTM	UndiscountedMarkToMarket	Undiscounted mark-to-market
MTD	MarkToModel	Mark-to-model
VMTM	MarkToMarketVariance	Mark-to-market variance
VMTD	MarkToModelVariance	Mark-to-model variance
UPFRNT	UpfrontPayment	Upfront payment

Code	Name	Description
ENDV	EndVale	End value. Principal amount of a securities financing transaction on maturity date.
MGNLN	OutstandingMarginLoan	Outstanding margin loan. The amount of the outstanding margin loan. In the event that the loan has a short market value, PosAmt(708) would be a negative value.
LNVL	LoanValue	Loan value. The amount of the loan.

Used in groups: [PositionAmountData](#)

### 170.2.4156 PositionAmountData

The PositionAmountData component block is used to report netted amounts associated with position quantities. In the listed derivatives market the amount is generally expressing a type of futures variation or option premium. In the equities market this may be the net pay or collect on a given position.

Name	Mult.	Type	Description
NoPosAmt	[1..1]	NumInGroup	Number of Position Amount entries
PosAmtType	[0..1]	CodeSet	
PosAmt	[0..1]	Amt	
PosAmtStreamDesc	[0..1]	String	Used when the PosAmt(708) value corresponds to a specific stream in of a swap.
PositionCurrency	[0..1]	String	
PositionCurrencyCodeSource	[0..1]	CodeSet	
PositionFXRate	[0..1]	float	
PositionFXRateCalc	[0..1]	CodeSet	
PosAmtReason	[0..1]	CodeSet	
PosAmtMarketSegmentID	[0..1]	String	
PosAmtMarketID	[0..1]	String	
PosAmtPrice	[0..1]	Price	
PosAmtPriceType	[0..1]	CodeSet	

Used in messages: [AccountSummaryReport](#), [AllocationInstruction](#), [AllocationInstructionAlert](#), [AllocationReport](#), [AssignmentReport](#), [PositionMaintenanceReport](#), [PositionMaintenanceRequest](#), [PositionReport](#), [PositionTransferInstruction](#), [PositionTransferReport](#), [TradeCaptureReport](#), [TradeCaptureReportAck](#)

**170.2.4157 PositionCapacity**

Used to describe the ownership of the position.

Type: **int**

Allowed values in PositionCapacityCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	Principal	Principal
1	Agent	Agent
2	Customer	Customer
3	Counterparty	Counterparty

---

Used in messages: **PositionMaintenanceReport**, **PositionReport**

**170.2.4158 PositionContingentPrice**

Risk adjusted price used to calculate variation margin on a position.

Type: **Price**

Used in messages: **AssignmentReport**, **PositionReport**

**170.2.4159 PositionCurrency**

The Currency in which the position Amount is denominated

Type: **String**

Used in groups: **PositionAmountData**

**170.2.4160 PositionCurrencyCodeSource**

Identifies class or source of the PositionCurrency(1055) value.

Type: **String**

Allowed values in CurrencyCodeSourceCodeSet:

Code	Name	Description
1	CUSIP	CUSIP
2	SEDOL	SEDOL
4	ISINNumber	ISIN
6	ISOCurrencyCode	ISO Currency Code (ISO 4217)
S	FinancialInstrumentGlobalIdentifier	Financial Instrument Global Identifier. An Object Management Group (OMG) standard. Also referred to as FIGI. Formerly known as "Bloomberg Open Symbology BBGID".
Y	DigitalTokenIdentifier	Digital Token Identifier (ISO 24165)

Used in groups: [PositionAmountData](#)

#### 170.2.4161 PositionEffect

Indicates whether the resulting position after a trade should be an opening position or closing position. Used for omnibus accounting - where accounts are held on a gross basis instead of being netted together.

Type: [char](#)

Allowed values in PositionEffectCodeSet:

Code	Name	Description
C	Close	Close
F	FIFO	FIFO
O	Open	Open
R	Rolled	Rolled
N	CloseButNotifyOnOpen	Close but notify on open
D	Default	Default

Used in groups: [ListOrdGrp](#), [SideCrossOrdModGrp](#), [TrdCapRptAckSideGrp](#), [TrdCapRptSideGrp](#), [TrdMatchSideGrp](#)

Used in messages: [AllocationInstruction](#), [AllocationInstructionAlert](#), [AllocationReport](#), [ExecutionReport](#), [MultilegOrderCancelReplace](#), [NewOrderMultileg](#), [NewOrderSingle](#), [OrderCancelReplaceRequest](#)



**170.2.4162 PositionFXRate**

Foreign exchange rate used to compute the PosAmt(708) from the PositionCurrency(1055) and the Currency (15).

Type: **float**

Used in groups: **PositionAmountData**

**170.2.4163 PositionFXRateCalc**

Specifies whether or not PositionFXRate(2097) should be multiplied or divided.

Type: **char**

Allowed values in UnderlyingFXRateCalcCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
D	Divide	Divide
M	Multiply	Multiply

---

Used in groups: **PositionAmountData**

**170.2.4164 PositionID**

Unique identifier for a position entity. Refer to PosMaintRptID(721) for a unique identifier of a position report message.

Type: **String**

Used in messages: **PositionMaintenanceReport, PositionReport**

**170.2.4165 PositionLimit**

Position Limit for a given exchange-traded product.

Type: **int**

Used in components: **Instrument**

### 170.2.4166 PositionQty

The PositionQty component block specifies the various types of position quantity in the position life-cycle including start-of-day, intraday, trade, adjustments, and end-of-day position quantities. Quantities are expressed in terms of long and short quantities.

Name	Mult.	Type	Description
NoPositions	[1..1]	NumInGroup	
PosType	[0..1]	CodeSet	Required if NoPositions > 1
LongQty	[0..1]	Qty	
ShortQty	[0..1]	Qty	
CoveredQty	[0..1]	Qty	Short quantity that is considered covered, e.g. used for short option position
PosQtyStatus	[0..1]	CodeSet	
QuantityDate	[0..1]	LocalMktDate	Date associated with the quantity being reported
PosQtyUnitOfMeasure	[0..1]	CodeSet	
PosQtyUnitOfMeasureCurrency	[0..1]	Currency	
PosQtyUnitOfMeasureCurrencyCodeSource	[0..1]	CodeSet	
NestedParties	[0..*]	Group	Optional repeating group - used to associate or distribute position to a specific party other than the party that currently owns the position.

Used in messages: [AdjustedPositionReport](#), [AssignmentReport](#), [PositionMaintenanceReport](#), [PositionMaintenanceRequest](#), [PositionReport](#), [PositionTransferInstruction](#), [PositionTransferReport](#)

### 170.2.4167 PosMaintAction

Maintenance Action to be performed.

Type: `int`

Allowed values in PosMaintActionCodeSet:

Code	Name	Description
1	New	New. Used to increment the overall transaction quantity.
2	Replace	Replace. Used to override the overall transaction quantity or specific add messages based on the reference ID.

---

Code	Name	Description
3	Cancel	Cancel. Used to remove the overall transaction quantity or specific add messages based on the reference ID.
4	Reverse	Reverse. Used to completely back-out the transaction such that the transaction never existed.

---

Used in messages: [PositionMaintenanceReport](#), [PositionMaintenanceRequest](#)

### 170.2.4168 PosMaintResult

Result of Position Maintenance Request.

Type: [int](#)

Allowed values in PosMaintResultCodeSet:

---

Code	Name	Description
0	SuccessfulCompletion	Successful Completion - no warnings or errors
1	Rejected	Rejected
99	Other	Other

---

Used in messages: [PositionMaintenanceReport](#)

### 170.2.4169 PosMaintRptID

Unique identifier for this position report

Type: [String](#)

Used in messages: [AdjustedPositionReport](#), [PositionMaintenanceReport](#), [PositionReport](#), [RequestForPositionsAck](#)

### 170.2.4170 PosMaintRptRefID

Reference to a PosMaintRptID (721) from a previous Position Maintenance Report that is being replaced or canceled.

Type: [String](#)

Used in messages: [AdjustedPositionReport](#), [PositionMaintenanceReport](#), [PositionMaintenanceRequest](#)

### 170.2.4171 PosMaintStatus

Status of Position Maintenance Request

Type: [int](#)

Allowed values in PosMaintStatusCodeSet:

---

Code	Name	Description
0	Accepted	Accepted
1	AcceptedWithWarnings	Accepted With Warnings
2	Rejected	Rejected
3	Completed	Completed
4	CompletedWithWarnings	Completed With Warnings

---

Used in messages: [PositionMaintenanceReport](#)

### 170.2.4172 PosQtyStatus

Status of this position.

Type: [int](#)

Allowed values in PosQtyStatusCodeSet:

---

Code	Name	Description
0	Submitted	Submitted
1	Accepted	Accepted
2	Rejected	Rejected

---

Used in groups: [PositionQty](#), [TradePositionQty](#)

**170.2.4173 PosQtyUnitOfMeasure**

Indicates the unit of measure of the position quantity when not expressed in contracts.

Type: **String**

Allowed values in UnitOfMeasureCodeSet:

<b>Code</b>	<b>Name</b>	<b>Description</b>
Alw	Allowances	Allowances
Bcf	BillionCubicFeet	Billion cubic feet
Bbl	Barrels	Barrels. Equal to 42 US gallons
CBM	CubicMeters	Cubic Meters
BDFT	BoardFeet	Board feet. Equal to 144 cubic inches
GJ	Gigajoules	gigajoules
Bu	Bushels	Bushels
kHR	HeatRate	Heat rate. The number of BTUs required to produce one kilowatt hour of electricity, typically 3,412.14 BTUs per 1 kWh.
Ccy	Currency	Amount of currency
kWh	KilowattHours	Kilowatt hours
CDD	CoolingDegreeDay	Cooling degree day
MHR	MegaHeatRate	Mega heat rate. The number of million BTUs required to produce one megawatt hour of electricity, typically 3.41214 million BTUs per 1 MWh.
CER	CertifiedEmissionsReduction	Certified emissions reduction
MMBtu	OneMillionBTU	One Million BTU
CPD	CriticalPrecipDay	Critical precipitation day
MWh	MegawattHours	Megawatt hours
CRT	ClimateReserveTonnes	Climate reserve tonnes
thm	Therms	therms. Equal to 100,000 BTU
cwt	Hundredweight	Hundredweight(US). Equal to 100 lbs
tnCO2	TonsOfCarbonDioxide	Tons of carbon dioxide
day	Day	Days
dt	DryMetricTons	Dry metric tons
EnvAllwnc	EnvAllwncCert	Environmental allowance certificates
EnvCrd	EnvironmentalCredit	Environmental credit
EnvOfst	EnvironmentalOffset	Environmental Offset
g	Grams	Grams

<b>Code</b>	<b>Name</b>	<b>Description</b>
Gal	Gallons	Gallons
GT	GrossTons	Gross tons. Also known as long tons or imperial tons, equal to 2240 lbs
HDD	HeatingDegreeDay	Heating degree day
IPNT	IndexPoint	Index point
kg	Kilograms	Kilograms
kL	Kiloliters	kiloliters
kW-a	KilowattYear	Kilowatt year (electrical capacity)
kW-d	KilowattDay	Kilowatt day (electrical capacity)
kW-h	KilowattHour	Kilowatt hour (electrical capacity)
kW-M	KilowattMonth	Kilowatt month (electrical capacity)
kW-min	KilowattMinute	Kilowatt-Minute (electrical capacity)
L	Liters	liters
lbs	Pounds	pounds
MW-a	MegawattYear	Megawatt year (electrical capacity)
MW-d	MegawattDay	Megawatt day (electrical capacity)
MW-h	MegawattHour	Megawatt hour (electrical capacity)
MW-M	MegawattMonth	Megawatt month (electrical capacity)
MW-min	MegawattMinute	Megawatt minute (electrical capacity)
oz_tr	TroyOunces	Troy ounces
PRINC	PrincipalWithRelationToDebtInstrument	Principal with relation to debt instrument
t	MetricTons	Metric tons. Also known as Tonnes, equal to 1000 kg
tn	Tons	Tons (US). Equal to 2000 lbs
a	Are	Are
ac	Acre	Acre
cL	Centiliter	Centiliter
cM	Centimeter	Centimeter
DGE	DieselGallonEquivalent	Diesel gallon equivalent
ft	Foot	Foot
Gal_gb	GBGallon	GB Gallon
GGE	GasolineGallonEquivalent	Gasonline gallon equivalent
ha	Hectare	Hectare
in	Inch	Inch
kM	Kilometer	Kilometer

Code	Name	Description
M	Meter	Meter
mi	Mile	Mile
mL	Milliliter	Milliliter
mM	Millimeter	Millimeter
oz	USOunce	US ounce
pc	Piece	Piece
pt	USPint	US Pint
pt_gb	GBPint	GB pint
qt	USQuart	US Quart
qt_gb	GBQuart	GB Quart
SqcM	SquareCentimeter	Square centimeter
Sqft	SquareFoot	Square foot
Sqin	SquareInch	Square inch
SqkM	SquareKilometer	Square kilometer
SqM	SquareMeter	Square meter
Sqmi	SquareMile	Square mile
SqmM	SquareMillimeter	Square millimeter
Sqyd	SquareYard	Square yard
yd	Yard	Yard
MMbbl	MillionBarrels	Million Barrels
USD	USDollars	US Dollars

---

Used in groups: [PositionQty](#)

#### **170.2.4174 PosQtyUnitOfMeasureCurrency**

Indicates the currency of the unit of measure if position quantity is expressed in valuation rather than contracts. Conditionally required when PosQtyUnitOfMeasure(1836)=Ccy.

Type: [Currency](#)

Used in groups: [PositionQty](#)

#### **170.2.4175 PosQtyUnitOfMeasureCurrencyCodeSource**

Identifies class or source of the PosQtyUnitOfMeasureCurrency(1835) value.

Type: **String**

Allowed values in CurrencyCodeSourceCodeSet:

Code	Name	Description
1	CUSIP	CUSIP
2	SEDOL	SEDOL
4	ISINNumber	ISIN
6	ISOCurrencyCode	ISO Currency Code (ISO 4217)
S	FinancialInstrumentGlobalIdentifier	Financial Instrument Global Identifier. An Object Management Group (OMG) standard. Also referred to as FIGI. Formerly known as "Bloomberg Open Symbology BBGID".
Y	DigitalTokenIdentifier	Digital Token Identifier (ISO 24165)

Used in groups: **PositionQty**

#### **170.2.4176 PosReportAction**

Indicates action that triggered the Position Report.

Type: **int**

Allowed values in PosMaintActionCodeSet:

Code	Name	Description
1	New	New. Used to increment the overall transaction quantity.
2	Replace	Replace. Used to override the overall transaction quantity or specific add messages based on the reference ID.
3	Cancel	Cancel. Used to remove the overall transaction quantity or specific add messages based on the reference ID.
4	Reverse	Reverse. Used to completely back-out the transaction such that the transaction never existed.

Used in messages: **PositionReport**

#### **170.2.4177 PosReqID**

Unique identifier for the position maintenance request as assigned by the submitter



Type: **String**

Used in messages: **AssignmentReport**, **PositionMaintenanceReport**, **PositionMaintenanceRequest**, **PositionReport**, **RequestForPositions**, **RequestForPositionsAck**

### **170.2.4178 PosReqResult**

Result of Request for Positions.

Type: **int**

Allowed values in PosReqResultCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	ValidRequest	Valid request
1	InvalidOrUnsupportedRequest	Invalid or unsupported request
2	NoPositionsFoundThatMatchCriteria	No positions found that match criteria
3	NotAuthorizedToRequestPositions	Not authorized to request positions
4	RequestForPositionNotSupported	Request for position not supported
99	Other	Other. Use Text(58) for further explanation.

---

Used in messages: **PositionReport**, **RequestForPositionsAck**

### **170.2.4179 PosReqStatus**

Status of Request for Positions

Type: **int**

Allowed values in PosReqStatusCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	Completed	Completed
1	CompletedWithWarnings	Completed With Warnings
2	Rejected	Rejected

---

Used in messages: **RequestForPositionsAck**

**170.2.4180 PosReqType**

Used to specify the type of position request being made.

Type: **int**

Allowed values in PosReqTypeCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	Positions	Positions
1	Trades	Trades
2	Exercises	Exercises
3	Assignments	Assignments
4	SettlementActivity	Settlement Activity
5	BackoutMessage	Backout Message
6	DeltaPositions	Delta Positions
7	NetPosition	Net Position
8	LargePositionsReporting	Large Positions Reporting
9	ExercisePositionReportingSubmission	Exercise Position Reporting Submission
10	PositionLimitReportingSubmitting	Position Limit Reporting Submission

---

Used in messages: **AdjustedPositionReport**, **PositionReport**, **RequestForPositions**, **RequestForPositionsAck**

**170.2.4181 PossDupFlag**

Indicates possible retransmission of message with this sequence number

Type: **Boolean**

Allowed values in PossDupFlagCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
N	OriginalTransmission	Original transmission
Y	PossibleDuplicate	Possible duplicate

---

Used in components: **StandardHeader**

**170.2.4182 PossResend**

Indicates that message may contain information that has been sent under another sequence number.

Type: **Boolean**

Allowed values in PossResendCodeSet:

---

Code	Name	Description
N	OriginalTransmission	Original Transmission
Y	PossibleResend	Possible Resend

---

Used in components: **StandardHeader**

**170.2.4183 PosTransType**

Identifies the type of position transaction.

Type: **int**

Allowed values in PosTransTypeCodeSet:

---

Code	Name	Description
1	Exercise	Exercise
2	DoNotExercise	Do not exercise
3	PositionAdjustment	Position adjustment
4	PositionChangeSubmission	Position change submission / margin disposition
5	Pledge	Pledge
6	LargeTraderSubmission	Large trader submission
7	LargePositionsReportingSubmission	Large positions reporting submission
8	LongHoldings	Long holdings
9	InternalTransfer	Internal transfer. Changes due to transfer of positions within a firm.
10	TransferOfFirm	Transfer of firm. Changes due to transfer of all positions of a firm.
11	ExternalTransfer	External transfer. Changes due to transfer of positions between firms.
12	CorporateAction	Corporate action

---

Code	Name	Description
13	Notification	Notification. Information about a position that has been chosen for assignment.
14	PositionCreation	Position creation. Changes due to an option exercise causing a new futures position to be created.
15	Closeout	Close out. Information about a position that has been closed out.
16	Reopen	Reopen. Information about a position that has been reopened, i.e. reversal of a close out.

Used in messages: [PositionMaintenanceReport](#), [PositionMaintenanceRequest](#)

#### **170.2.4184 PostTradePaymentAccount**

The cash account on the books of the receiver of the request or the sender of the report to be debited or credited.

Type: [String](#)

Used in components: [PostTradePayment](#)

#### **170.2.4185 PostTradePaymentAmount**

The payment amount for the specified [PostTradePaymentType\(2824\)](#).

Type: [Amt](#)

Used in components: [PostTradePayment](#)

#### **170.2.4186 PostTradePaymentCalculationDate**

The (actual) date the periodic payments calculations are made.

Type: [LocalMktDate](#)

Used in components: [PostTradePayment](#)

#### **170.2.4187 PostTradePayment**

This component specifies the details of a payment between the parties involved.

Name	Mult.	Type	Description
PostTradePaymentType	[1..1]	String	
PostTradePaymentAmount	[1..1]	Amt	
PostTradePaymentCurrency	[0..1]	Currency	
PostTradePaymentCurrencyCodeSource	[0..1]	CodeSet	
PostTradePaymentCalculationDate	[1..1]	LocalMktDate	The date payment calculations are made. This may be earlier than the date in ClearingBusinessDate(715). When the report is sent unsolicited, this is the payment calculation date as determined by report sender.
PostTradePaymentValueDate	[1..1]	LocalMktDate	The date the payment is legally confirmed to settle.
PostTradePaymentFinalValueDate	[0..1]	LocalMktDate	The actual payment date in the event it differs from the date specified in PostTradePaymentValueDate(2826).
PostTradePaymentDebitOrCredit	[1..1]	CodeSet	
PostTradePaymentAccount	[1..1]	String	
PostTradePaymentID	[0..1]	String	
PostTradePaymentDesc	[0..1]	String	
EncodedPostTradePaymentDescLen	[0..1]	Length	Must be set if EncodedPostTradePaymentDesc(2814) field is specified and must immediately precede it.
EncodedPostTradePaymentDesc	[0..1]	data	Encoded (non-ASCII characters) representation of the PostTradePaymentDesc(2820) field in the encoded format specified via the MessageEncoding(347) field.
PostTradePaymentLinkID	[0..1]	String	
PostTradePaymentStatus	[0..1]	CodeSet	Used when PayReportTransType(2804)=2 (Status) to report actual payment status from payment service (i.e. after payment or remittance instruction with payment service).

Used in messages: [PayManagementReport](#), [PayManagementRequest](#)

### 170.2.4188 PostTradePaymentCurrency

Specifies the currency in which PostTradePaymentAmount(2817) is denominated.

PostTradePaymentCurrencyCodeSource(2956) may be used to disambiguate the code source scheme used, and ISO 4217 is the default scheme if absent.

Type: **Currency**

Used in components: **PostTradePayment**

#### **170.2.4189 PostTradePaymentCurrencyCodeSource**

Identifies class or source of the PostTradePaymentCurrency(2818) value.

Type: **String**

Allowed values in CurrencyCodeSourceCodeSet:

<b>Code</b>	<b>Name</b>	<b>Description</b>
1	CUSIP	CUSIP
2	SEDOL	SEDOL
4	ISINNumber	ISIN
6	ISOCurrencyCode	ISO Currency Code (ISO 4217)
S	FinancialInstrumentGlobalIdentifier	Financial Instrument Global Identifier. An Object Management Group (OMG) standard. Also referred to as FIGI. Formerly known as "Bloomberg Open Symbology BBGID".
Y	DigitalTokenIdentifier	Digital Token Identifier (ISO 24165)

Used in components: **PostTradePayment**

#### **170.2.4190 PostTradePaymentDebitOrCredit**

Payment side of this individual payment from the requesting firm's perspective.

Type: **int**

Allowed values in PostTradePaymentDebitOrCreditCodeSet:

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	DebitPay	Debit / Pay
1	CreditReceive	Credit / Receive

Used in components: **PostTradePayment**

#### **170.2.4191 PostTradePaymentDesc**

A short descriptive name given to the payment, e.g. Premium, Upfront, etc. The description may be used as reference.

Type: **String**

Used in components: **PostTradePayment**

#### **170.2.4192 PostTradePaymentFinalValueDate**

The actual or final payment date on which the payment was made.

Type: **LocalMktDate**

Used in components: **PostTradePayment**

#### **170.2.4193 PostTradePaymentID**

The identifier for the individual payment.

Type: **String**

Used in components: **PostTradePayment**

#### **170.2.4194 PostTradePaymentLinkID**

Used to link a group of payments together, e.g. cross-currency payments associated with a swap.

Type: **String**

Used in components: **PostTradePayment**

#### **170.2.4195 PostTradePaymentStatus**

Used to indicate the status of a post-trade payment.

Type: **int**

Allowed values in PostTradePaymentStatusCodeSet:

---

Code	Name	Description
0	New	New. Payment is awaiting confirmation from the recipient.
1	Initiated	Initiated. Payment is confirmed by the recipient and has been scheduled.
2	Pending	Pending. Payment has been instructed to the payment service but status is unknown.
3	Confirmed	Confirmed. Payment is complete and confirmed by the payment service.
4	Rejected	Rejected. Payment was rejected by the payment service.

---

Used in components: [PostTradePayment](#)

#### **170.2.4196 PostTradePaymentType**

Type of post-trade payment.

See ISITC "Payments Cash Purpose Codes" for list of payment type codes to use available at <https://isitc.org/market-practices/reference-data-and-standards-market-practice> and select "ISITC Classification Code List".

Type: [String](#)

Used in components: [PostTradePayment](#)

#### **170.2.4197 PostTradePaymentValueDate**

The adjusted (for holidays and other non-business days) payment date on which the payment is expected to settle.

Type: [LocalMktDate](#)

Used in components: [PostTradePayment](#)

#### **170.2.4198 PosType**

Used to identify the type of quantity that is being returned.

Type: [String](#)

Allowed values in PosTypeCodeSet:



<b>Code</b>	<b>Name</b>	<b>Description</b>
ALC	AllocationTradeQty	Allocation Trade Qty
AS	OptionAssignment	Option Assignment
ASF	AsOfTradeQty	As-of Trade Qty
DLV	DeliveryQty	Delivery Qty
ETR	ElectronicTradeQty	Electronic Trade Qty
EX	OptionExerciseQty	Option Exercise Qty
FIN	EndOfDayQty	End-of-Day Qty
IAS	IntraSpreadQty	Intra-spread Qty
IES	InterSpreadQty	Inter-spread Qty
PA	AdjustmentQty	Adjustment Qty
PIT	PitTradeQty	Pit Trade Qty
SOD	StartOfDayQty	Start-of-Day Qty
SPL	IntegralSplit	Integral Split
TA	TransactionFromAssignment	Transaction from Assignment
TOT	TotalTransactionQty	Total Transaction Qty
TQ	TransactionQuantity	Transaction Quantity
TRF	TransferTradeQty	Transfer Trade Qty
TX	TransactionFromExercise	Transaction from Exercise
XM	CrossMarginQty	Cross Margin Qty
RCV	ReceiveQuantity	Receive Quantity
CAA	CorporateActionAdjustment	Corporate Action Adjustment
DN	DeliveryNoticeQty	Delivery Notice Qty
EP	ExchangeForPhysicalQty	Exchange for Physical Qty
PNTN	PrivatelyNegotiatedTradeQty	Privately negotiated Trade Qty (Non-regulated)
CEA	CreditEventAdjustment	Credit Event Adjustment
DLT	NetDeltaQty	Net Delta Qty
SEA	SuccessionEventAdjustment	Succession Event Adjustment
NET	NetQty	Net Qty
GRS	GrossQty	Gross Qty
ITD	IntradayQty	Intraday Qty
NDAS	GrossLongNonDeltaAdjustedSwap- tionPosition	Gross non-delta-adjusted swaption position
DAS	LongDeltaAdjustedPairedSwaption- Position	Delta-adjusted paired swaption position

Code	Name	Description
EXP	ExpiringQuantity	Expiring quantity. The position quantity on expiration day after the application of trade and post trade activity, but prior to the application of exercises and assignments.
UNEX	QuantityNotExercised	Quantity not exercised. The exercise quantity requested that was not allowed, e.g., the exercise quantity requested that exceeded the final long position.
REQ	RequestedExerciseQuantity	Requested exercise quantity. The exercise quantity requested. It may differ from the exercise quantity if it exceeds the final long position.
CFE	CashFuturesEquivalentQuantity	Cash futures equivalent quantity
SECLN	LoanOrBorrowedQuantity	Loan or borrowed quantity. The number of shares, par value of bonds or commodity contracts on loan or borrowed.

Used in groups: [PositionQty](#), [TradePositionQty](#)

#### 170.2.4199 PosUndInstrmtGrp

Name	Mult.	Type	Description
<a href="#">NoUnderlyings</a>	[1..1]	NumInGroup	
<a href="#">UnderlyingInstrument</a>	[0..1]	Component	Insert here the set of "Underlying Instrument" (underlying symbology) fields defined in "Common Components of Application Messages". Required if NoUnderlyings > 0
<a href="#">UnderlyingSettlPrice</a>	[0..1]	Price	
<a href="#">UnderlyingSettlPriceType</a>	[0..1]	CodeSet	Values = Final, Theoretical
<a href="#">UnderlyingDeliveryAmount</a>	[0..1]	Amt	
<a href="#">UnderlyingAmount</a>	[0..*]	Group	Insert here the set of "Underlying Amount" fields defined in "Common Components of Application Messages"

Used in messages: [PositionReport](#)

#### 170.2.4200 PreAllocGrp

Name	Mult.	Type	Description
NoAllocs	[1..1]	NumInGroup	Number of repeating groups for pre-trade allocation
AllocAccount	[0..1]	String	Required if NoAllocs > 0. Must be first field in repeating group.
AllocAcctIDSource	[0..1]	CodeSet	
AllocSettlCurrency	[0..1]	Currency	
AllocSettlCurrencyCodeSource	[0..1]	CodeSet	
IndividualAllocID	[0..1]	String	
AllocLegRefID	[0..1]	String	The field may not be used in NewOrderSingle(35=D), OrderCancelReplaceRequest(35=G), NewOrderList(35=E) or any other message where there are no legs.
NestedParties	[0..*]	Group	Insert here the set of "Nested Parties" (firm identification "nested" within additional repeating group) fields defined in "Common Components of Application Messages". Used for NestedPartyRole=Clearing Firm
AllocHandlInst	[0..1]	CodeSet	
AllocQty	[0..1]	Qty	
CustodialLotID	[0..1]	String	Only used for specific lot trades.
VersusPurchaseDate	[0..1]	LocalMktDate	Only used for specific lot trades. If this field is used, either VersusPurchasePrice(1754) or CurrentCostBasis(1755) should be specified.
VersusPurchasePrice	[0..1]	Price	Only used for specific lot trades. If this field is used, VersusPurchaseDate(1753) should be specified.
CurrentCostBasis	[0..1]	Amt	Only used for specific lot trades. If this field is used, VersusPurchaseDate(1753) should be specified

Used in groups: [ListOrdGrp](#), [SideCrossOrdModGrp](#)

Used in messages: [ExecutionReport](#), [NewOrderSingle](#), [OrderCancelReplaceRequest](#)

### 170.2.4201 PreallocMethod

Indicates the method of preallocation.

Type: **char**

Allowed values in PreallocMethodCodeSet:

Code	Name	Description
0	ProRata	Pro rata
1	DoNotProRata	Do not pro-rata - discuss first

Used in groups: [ListOrdGrp](#), [SideCrossOrdModGrp](#), [TrdCapRptAckSideGrp](#), [TrdCapRptSideGrp](#), [TrdMatchSideGrp](#)

Used in messages: [ExecutionReport](#), [MultilegOrderCancelReplace](#), [NewOrderMultileg](#), [NewOrderSingle](#), [OrderCancelReplaceRequest](#)

### 170.2.4202 PreAllocMlegGrp

Name	Mult.	Type	Description
<a href="#">NoAllocs</a>	[1..1]	NumInGroup	Number of repeating groups for pre-trade allocation
<a href="#">AllocAccount</a>	[0..1]	String	Required if NoAllocs > 0. Must be first field in repeating group.
<a href="#">AllocAcctIDSource</a>	[0..1]	CodeSet	
<a href="#">AllocSettlCurrency</a>	[0..1]	Currency	
<a href="#">AllocSettlCurrencyCodeSource</a>	[0..1]	CodeSet	
<a href="#">IndividualAllocID</a>	[0..1]	String	
<a href="#">AllocLegRefID</a>	[0..1]	String	
<a href="#">NestedParties3</a>	[0..*]	Group	Insert here the set of "NestedParties3" (firm identification "nested" within additional repeating group) fields defined in "Common Components of Application Messages"
<a href="#">AllocQty</a>	[0..1]	Qty	
<a href="#">CustodialLotID</a>	[0..1]	String	Only used for specific lot trades.
<a href="#">VersusPurchaseDate</a>	[0..1]	LocalMktDate	Only used for specific lot trades. If this field is used, either <a href="#">VersusPurchasePrice(1754)</a> or <a href="#">CurrentCostBasis(1755)</a> should be specified.
<a href="#">VersusPurchasePrice</a>	[0..1]	Price	Only used for specific lot trades. If this field is used, <a href="#">VersusPurchaseDate(1753)</a> should be specified.

---

Name	Mult.	Type	Description
CurrentCostBasis	[0..1]	Amt	Only used for specific lot trades. If this field is used, VersusPurchaseDate(1753) should be specified

---

Used in messages: [MultilegOrderCancelReplace](#), [NewOrderMultileg](#)

### 170.2.4203 PreTradeAnonymity

Allows trader to explicitly request anonymity or disclosure in pre-trade market data feeds. Anonymity is relevant in markets where counterparties are regularly disclosed in order depth feeds. Disclosure is relevant when counterparties are not normally visible.

Type: [Boolean](#)

Used in components: [TradeReportOrderDetail](#)

Used in groups: [ListOrdGrp](#), [SideCrossOrdModGrp](#)

Used in messages: [ExecutionReport](#), [MultilegOrderCancelReplace](#), [NewOrderMultileg](#), [NewOrderSingle](#), [OrderCancelReplaceRequest](#), [QuoteRequest](#), [QuoteRequestReject](#), [QuoteResponse](#)

### 170.2.4204 PrevClosePx

Previous closing price of security.

Type: [Price](#)

Used in groups: [InstrmtStrkPxGrp](#), [ListOrdGrp](#), [QuotReqGrp](#), [QuotReqRjctGrp](#), [RFQReqGrp](#)

Used in messages: [CrossOrderCancelReplaceRequest](#), [MultilegOrderCancelReplace](#), [NewOrderCross](#), [NewOrderMultileg](#), [NewOrderSingle](#)

### 170.2.4205 PreviousAdjustedOpenInterest

Previous day's adjusted open interest.

Type: [Amt](#)

Used in messages: [SecurityDefinition](#), [SecurityDefinitionUpdateReport](#)

**170.2.4206 PreviousAllocGroupID**

When reporting a group change by the central counterparty to allocations of trades for the same instrument traded at the same price this identifies the previous group identifier.

Type: **String**

Used in groups: **TrdCapRptAckSideGrp, TrdCapRptSideGrp**

Used in messages: **AllocationReport**

**170.2.4207 PreviousClearingBusinessDate**

The date of the previous clearing business day.

Type: **LocalMktDate**

Used in messages: **PositionMaintenanceReport, PositionReport**

**170.2.4208 PreviouslyReported**

Indicates if the transaction was previously reported to the counterparty or market.

Type: **Boolean**

Allowed values in PreviouslyReportedCodeSet:

Code	Name	Description
N	NotReportedToCounterparty	Not reported to counterparty or market. In the context of RTS 13 Article 16 when a trade is reported to more than one "approved publication arrangement" (APA) the original report can be flagged as "original". This is the ESMA "ORGN" flag.
Y	PreviouslyReportedToCounterparty	Previously reported to counterparty or market. In the context of RTS 13 Article 16 when a trade is reported to more than one "approved publication arrangement" (APA) the additional reports need to be flagged as "duplicative" and this flag needs to be present on any occurrence (even when publishing to the market). This is also used for reporting directly to ESMA when the trade has been previously reported. This is the ESMA "DUPL" flag.

Used in groups: **MDFullGrp, MDIncGrp**

Used in messages: **AllocationInstruction, AllocationInstructionAlert, AllocationReport, ExecutionReport, TradeCaptureReport, TradeCaptureReportAck**

### **170.2.4209 PreviousUnadjustedOpenInterest**

Previous day's unadjusted open interest.

Type: **Amt**

Used in messages: **SecurityDefinition, SecurityDefinitionUpdateReport**

### **170.2.4210 Price**

Price per unit of quantity (e.g. per share)

Type: **Price**

Used in components: **TradeReportOrderDetail**

Used in groups: **BidCompRspGrp, InstrmtStrkPxGrp, ListOrdGrp, OrderEntryAckGrp, OrderEntryGrp, QuotReqGrp, QuotReqRjctGrp**

Used in messages: **Advertisement, CollateralAssignment, CollateralInquiry, CollateralReport, CollateralRequest, CollateralResponse, CrossOrderCancelReplaceRequest, ExecutionReport, IOI, MultilegOrderCancelReplace, NewOrderCross, NewOrderMultileg, NewOrderSingle, OrderCancelReplaceRequest, OrderMassActionReport, OrderMassActionRequest, QuoteResponse, QuoteStatusReport**

### **170.2.4211 Price2**

Price of the future part of a F/X swap order.

See Price (44) for description.

Type: **Price**

Used in groups: **ListOrdGrp, QuotReqGrp, QuotReqRjctGrp**

Used in messages: **NewOrderSingle, OrderCancelReplaceRequest**

### **170.2.4212 PriceDelta**

The rate of change in the price of a derivative with respect to the movement in the price of the underlying instrument(s) upon which the derivative instrument price is based.

This value is normally between -1.0 and 1.0.

Type: **float**

Used in groups: **MDFullGrp, MDIncGrp**

Used in messages: [ExecutionReport](#), [PositionReport](#), [TradeCaptureReport](#)

### 170.2.4213 PriceImprovement

Amount of price improvement.

Type: [PriceOffset](#)

Used in messages: [ExecutionReport](#)

### 170.2.4214 PriceLimits

Name	Mult.	Type	Description
<a href="#">PriceLimitType</a>	[0..1]	CodeSet	Describes the how the price limits are expressed
<a href="#">LowLimitPrice</a>	[0..1]	Price	Allowable low limit price for the trading day. A key parameter in validating order price. Used as the lower band for validating order prices. Orders submitted with prices below the lower limit will be rejected
<a href="#">HighLimitPrice</a>	[0..1]	Price	Allowable high limit price for the trading day. A key parameter in validating order price. Used as the upper band for validating order prices. Orders submitted with prices above the upper limit will be rejected
<a href="#">TradingReferencePrice</a>	[0..1]	Price	Reference price for the current trading price range usually representing the mid price between the <a href="#">HighLimitPrice</a> and <a href="#">LowLimitPrice</a> . The value may be the settlement price or closing price of the prior trading day.

Used in components: [BaseTradingRules](#)

Used in groups: [MDFullGrp](#), [MDIncGrp](#)

### 170.2.4215 PriceLimitType

Describes the how the price limits are expressed.

Type: [int](#)

Allowed values in [PriceLimitTypeCodeSet](#):



---

Code	Name	Description
0	Price	Price (default)
1	Ticks	Ticks
2	Percentage	Percentage

---

Used in components: [PriceLimits](#)

### 170.2.4216 PriceMarkup

Price offset of the markup denominated in the price type of the trade.

Type: [PriceOffset](#)

Used in messages: [TradeCaptureReport](#), [TradeCaptureReportAck](#)

### 170.2.4217 PriceMovementGrp

The PriceMovementGrp component is a repeatable block intended to contain theoretical profit and loss data at various price movement points account type(s) for which the price movement may apply to.

---

Name	Mult.	Type	Description
<a href="#">NoPriceMovements</a>	[1..1]	NumInGroup	
<a href="#">PriceMovementValueGrp</a>	[0..*]	Group	Required if <a href="#">NoPriceMovements(1919)</a> > 0.
<a href="#">ClearingAccountTypeGrp</a>	[0..*]	Group	

---

Used in groups: [SecListGrp](#)

### 170.2.4218 PriceMovementPoint

Price movement point up (positive integer) or down (negative integer) relative to the underlying price of the instrument.

Type: [int](#)

Used in groups: [PriceMovementValueGrp](#)

**170.2.4219 PriceMovementType**

Describes the format of the PriceMovementValue(1921).

Type: **int**

Allowed values in PriceMovementTypeCodeSet:

---

Code	Name	Description
0	Amount	Amount
1	Percentage	Percentage

---

Used in groups: **PriceMovementValueGrp**

**170.2.4220 PriceMovementValue**

Value at specific price movement point.

Type: **float**

Used in groups: **PriceMovementValueGrp**

**170.2.4221 PriceMovementValueGrp**

This PriceMovementValueGrp component is a repeatable block that will be utilized to represent a value relative to a specific price movement point.

---

Name	Mult.	Type	Description
<b>NoPriceMovementValues</b>	[1..1]	NumInGroup	
<b>PriceMovementValue</b>	[0..1]	float	Required if NoPriceMovementValues(1919) > 0.
<b>PriceMovementPoint</b>	[0..1]	int	
<b>PriceMovementType</b>	[0..1]	CodeSet	

---

Used in groups: **PriceMovementGrp**

**170.2.4222 PricePrecision**

Specifies the price decimal precision of the instrument.

Type: **int**

Used in messages: **TradeAggregationRequest**, **TradeCaptureReport**

**170.2.4223 PriceProtectionScope**

Defines the type of price protection the customer requires on their order.

Type: **char**

Allowed values in PriceProtectionScopeCodeSet:

---

Code	Name	Description
0	None	None
1	Local	Local (Exchange, ECN, ATS)
2	National	National (Across all national markets)
3	Global	Global (Across all markets)

---

Used in groups: **ListOrdGrp**

Used in messages: **CrossOrderCancelReplaceRequest**, **ExecutionReport**, **MultilegOrderCancelReplace**, **NewOrderCross**, **NewOrderMultileg**, **NewOrderSingle**, **OrderCancelReplaceRequest**

**170.2.4224 PriceQualifier**

Qualifier for price. May be used when the price needs to be explicitly qualified.

Type: **int**

Allowed values in PriceQualifierCodeSet:

---

Code	Name	Description
0	AccruedInterestIsFactored	Accrued interest (if any) is factored into the price. The price is either "dirty" or the security is in default or soon to be defaulted. I.e. on fill there will be no separate accrued interest amount. This is often called a "flat" price.

---

Code	Name	Description
1	TaxIsFactored	Tax is factored into the price. The security's price includes applicable taxes, e.g. Japanese government bonds.
2	BondAmortizationIsFactored	The effect of bond amortization or the floating rate index offset is factored into the price. The security's price includes the effect of bond amortization or a floating rate index. For example this qualifier would apply to the normal pricing of index-linked UK gilt bonds but not to US or EU index-linked bonds.

Used in groups: [PriceQualifierGrp](#)

### 170.2.4225 PriceQualifierGrp

The PriceQualifierGrp component clarifies the composition of the price when standard market practice for the security calls for a price that is atypical when traded in other markets, or when a price can be expressed in more than one way.

Name	Mult.	Type	Description
<a href="#">NoPriceQualifiers</a>	[1..1]	NumInGroup	
<a href="#">PriceQualifier</a>	[0..1]	CodeSet	Required if NoPriceQualifiers(2709) > 0.

Used in groups: [MDFullGrp](#), [MDIncGrp](#), [QuotReqGrp](#), [QuotReqRjctGrp](#)

Used in messages: [AllocationInstruction](#), [AllocationInstructionAlert](#), [AllocationReport](#), [Confirmation](#), [ExecutionAck](#), [ExecutionReport](#), [IOI](#), [Quote](#), [QuoteResponse](#), [QuoteStatusReport](#), [TradeCaptureReport](#), [TradeCaptureReportAck](#)

### 170.2.4226 PriceQuoteCurrency

Default currency in which the price is quoted. Defined at the instrument level. Used in place of Currency (tag 15) to express the currency of a product when the former is implemented as the FX dealt currency.

Type: [Currency](#)

Used in components: [Instrument](#)

**170.2.4227 PriceQuoteCurrencyCodeSource**

Identifies class or source of the PriceQuoteCurrency(1524) value.

Type: **String**

Allowed values in CurrencyCodeSourceCodeSet:

Code	Name	Description
1	CUSIP	CUSIP
2	SEDOL	SEDOL
4	ISINNumber	ISIN
6	ISOCurrencyCode	ISO Currency Code (ISO 4217)
S	FinancialInstrumentGlobalIdentifier	Financial Instrument Global Identifier. An Object Management Group (OMG) standard. Also referred to as FIGI. Formerly known as "Bloomberg Open Symbology BBGID".
Y	DigitalTokenIdentifier	Digital Token Identifier (ISO 24165)

Used in components: **Instrument**

**170.2.4228 PriceQuoteMethod**

Method for price quotation

Type: **String**

Allowed values in PriceQuoteMethodCodeSet:

Code	Name	Description
STD	Standard	Standard, money per unit of a physical
INX	Index	Index
INT	InterestRateIndex	Interest rate Index
PCTPAR	PercentOfPar	Percent of Par

Used in components: **Instrument**

**170.2.4229 PriceRangePercentage**

Maximum range expressed as percentage.

Type: **Percentage**

Used in groups: **PriceRangeRuleGrp**

### 170.2.4230 PriceRangeProductComplex

Identifies an entire suite of products in the context of trading rules related to price ranges.

Type: **String**

Used in groups: **PriceRangeRuleGrp**

### 170.2.4231 PriceRangeRuleGrp

The PriceRangeRulesGrp component is used to specify the price range rules for a given product group or complex.

Name	Mult.	Type	Description
NoPriceRangeRules	[1..1]	NumInGroup	
StartPriceRange	[0..1]	Price	Required if NoPriceRangeRules(2550) > 0.
EndPriceRange	[0..1]	Price	
PriceRangeValue	[0..1]	Price	Mutually exclusive with PriceRangePercentage(2554).
PriceRangePercentage	[0..1]	Percentage	Mutually exclusive with PriceRangeValue(2553).
PriceRangeRuleID	[0..1]	String	Can be used to provide an identifier so that the rule can be reference via the ID elsewhere.
PriceRangeProductComplex	[0..1]	String	Can be used to limit price range to specific product suite.

Used in components: **BaseTradingRules**

### 170.2.4232 PriceRangeRuleID

Identifier for a price range rule.

Type: **String**

Used in groups: **PriceRangeRuleGrp**

**170.2.4233 PriceRangeValue**

Maximum range expressed as absolute value.

Type: **Price**

Used in groups: **PriceRangeRuleGrp**

**170.2.4234 PriceType**

Code to represent the price type.

Type: **int**

Allowed values in PriceTypeCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
1	Percentage	Percentage (i.e. percent of par) (often called "dollar price" for fixed income)
2	PerUnit	Per unit (i.e. per share or contract)
3	FixedAmount	Fixed amount (absolute value)
4	Discount	Discount - percentage points below par
5	Premium	Premium - percentage points over par
6	Spread	Spread (basis points spread). Usually the difference in yield between two switched bonds or a corporate bond traded spread-to-benchmark.
7	TEDPrice	TED Price
8	TEDYield	TED Yield
9	Yield	Yield
10	FixedCabinetTradePrice	Fixed cabinet trade price (primarily for listed futures and options)
11	VariableCabinetTradePrice	Variable cabinet trade price (primarily for listed futures and options)
12	PriceSpread	Price spread. Price spread is expressed based on market convention for the asset being priced or traded. For example, the difference between the prices of a multileg switch or strategy expressed in basis points for a CDS or TBA roll; a price value to be added to a reference price, such as a "pay up" for specified pools
13	ProductTicksInHalves	Product ticks in halves
14	ProductTicksInFourths	Product ticks in fourths

---

Code	Name	Description
15	ProductTicksInEighths	Product ticks in eighths
16	ProductTicksInSixteenths	Product ticks in sixteenths
17	ProductTicksInThirtySeconds	Product ticks in thirty-seconds
18	ProductTicksInSixtyFourths	Product ticks in sixty-fourths
19	ProductTicksInOneTwentyEighths	Product ticks in one-twenty-eighths
20	NormalRateRepresentation	Normal rate representation (e.g. FX rate)
21	InverseRateRepresentation	Inverse rate representation (e.g. FX rate)
22	BasisPoints	Basis points. When the price is not spread based.
23	UpfrontPoints	Up front points. Used specifically for CDS pricing.
24	InterestRate	Interest rate. When the price is an interest rate. For example, used with benchmark reference rate.
25	PercentageNotional	Percentage of notional

Used in components: [BaseTradingRules](#), [SettlTradeDetails](#)

Used in groups: [BidCompRspGrp](#), [InstrmtMatchSideGrp](#), [ListOrdGrp](#), [MDFullGrp](#), [MDIncGrp](#), [QuotReqGrp](#), [QuotReqRjctGrp](#)

Used in messages: [AllocationInstruction](#), [AllocationInstructionAlert](#), [AllocationReport](#), [CollateralAssignment](#), [CollateralInquiry](#), [CollateralReport](#), [CollateralRequest](#), [CollateralResponse](#), [Confirmation](#), [CrossOrderCancelReplaceRequest](#), [ExecutionAck](#), [ExecutionReport](#), [IOI](#), [MultilegOrderCancelReplace](#), [NewOrderCross](#), [NewOrderMultileg](#), [NewOrderSingle](#), [OrderCancelReplaceRequest](#), [PositionReport](#), [PositionTransferInstruction](#), [PositionTransferReport](#), [Quote](#), [QuoteResponse](#), [QuoteStatusReport](#), [TradeCaptureReport](#), [TradeCaptureReportAck](#)

### 170.2.4235 PriceUnitOfMeasure

Used to express the UOM of the price if different from the contract. In futures, this can be different for cross-rate products in which the price is quoted in units differently from the contract

Type: [String](#)

Allowed values in UnitOfMeasureCodeSet:

Code	Name	Description
Alw	Allowances	Allowances
Bcf	BillionCubicFeet	Billion cubic feet



<b>Code</b>	<b>Name</b>	<b>Description</b>
Bbl	Barrels	Barrels. Equal to 42 US gallons
CBM	CubicMeters	Cubic Meters
BDFT	BoardFeet	Board feet. Equal to 144 cubic inches
GJ	Gigajoules	gigajoules
Bu	Bushels	Bushels
kHR	HeatRate	Heat rate. The number of BTUs required to produce one kilowatt hour of electricity, typically 3,412.14 BTUs per 1 kWh.
Ccy	Currency	Amount of currency
kWh	KilowattHours	Kilowatt hours
CDD	CoolingDegreeDay	Cooling degree day
MHR	MegaHeatRate	Mega heat rate. The number of million BTUs required to produce one megawatt hour of electricity, typically 3.41214 million BTUs per 1 MWh.
CER	CertifiedEmissionsReduction	Certified emissions reduction
MMBtu	OneMillionBTU	One Million BTU
CPD	CriticalPrecipDay	Critical precipitation day
MWh	MegawattHours	Megawatt hours
CRT	ClimateReserveTonnes	Climate reserve tonnes
thm	Therms	therms. Equal to 100,000 BTU
cwt	Hundredweight	Hundredweight(US). Equal to 100 lbs
tnCO2	TonsOfCarbonDioxide	Tons of carbon dioxide
day	Day	Days
dt	DryMetricTons	Dry metric tons
EnvAllwnc	EnvAllwncCert	Environmental allowance certificates
EnvCrd	EnvironmentalCredit	Environmental credit
EnvOfst	EnvironmentalOffset	Environmental Offset
g	Grams	Grams
Gal	Gallons	Gallons
GT	GrossTons	Gross tons. Also known as long tons or imperial tons, equal to 2240 lbs
HDD	HeatingDegreeDay	Heating degree day
IPNT	IndexPoint	Index point
kg	Kilograms	Kilograms
kL	Kiloliters	kiloliters
kW-a	KilowattYear	Kilowatt year (electrical capacity)

<b>Code</b>	<b>Name</b>	<b>Description</b>
kW-d	KilowattDay	Kilowatt day (electrical capacity)
kW-h	KilowattHour	Kilowatt hour (electrical capacity)
kW-M	KilowattMonth	Kilowatt month (electrical capacity)
kW-min	KilowattMinute	Kilowatt-Minute (electrical capacity)
L	Liters	liters
lbs	Pounds	pounds
MW-a	MegawattYear	Megawatt year (electrical capacity)
MW-d	MegawattDay	Megawatt day (electrical capacity)
MW-h	MegawattHour	Megawatt hour (electrical capacity)
MW-M	MegawattMonth	Megawatt month (electrical capacity)
MW-min	MegawattMinute	Megawatt minute (electrical capacity)
oz_tr	TroyOunces	Troy ounces
PRINC	PrincipalWithRelationToDebtInstrument	Principal with relation to debt instrument
t	MetricTons	Metric tons. Also known as Tonnes, equal to 1000 kg
tn	Tons	Tons (US). Equal to 2000 lbs
a	Are	Are
ac	Acre	Acre
cL	Centiliter	Centiliter
cM	Centimeter	Centimeter
DGE	DieselGallonEquivalent	Diesel gallon equivalent
ft	Foot	Foot
Gal_gb	GBGallon	GB Gallon
GGE	GasolineGallonEquivalent	Gasonline gallon equivalent
ha	Hectare	Hectare
in	Inch	Inch
kM	Kilometer	Kilometer
M	Meter	Meter
mi	Mile	Mile
mL	Milliliter	Milliliter
mM	Millimeter	Millimeter
oz	USOunce	US ounce
pc	Piece	Piece
pt	USPint	US Pint

Code	Name	Description
pt_gb	GBPint	GB pint
qt	USQuart	US Quart
qt_gb	GBQuart	GB Quart
SqcM	SquareCentimeter	Square centimeter
Sqft	SquareFoot	Square foot
Sqin	SquareInch	Square inch
SqkM	SquareKilometer	Square kilometer
SqM	SquareMeter	Square meter
Sqmi	SquareMile	Square mile
SqmM	SquareMillimeter	Square millimeter
Sqyd	SquareYard	Square yard
yd	Yard	Yard
MMbbl	MillionBarrels	Million Barrels
USD	USDollars	US Dollars

---

Used in components: [Instrument](#)

#### **170.2.4236 PriceUnitOfMeasureCurrency**

Indicates the currency of the price unit of measure. Conditionally required when PriceUnitOfMeasure(1191) = Ccy

Type: [Currency](#)

Used in components: [Instrument](#)

#### **170.2.4237 PriceUnitOfMeasureCurrencyCodeSource**

Identifies class or source of the PriceUnitOfMeasureCurrency(1717) value.

Type: [String](#)

Allowed values in CurrencyCodeSourceCodeSet:

Code	Name	Description
1	CUSIP	CUSIP

---

Code	Name	Description
2	SEDOL	SEDOL
4	ISINNumber	ISIN
6	ISOCurrencyCode	ISO Currency Code (ISO 4217)
S	FinancialInstrumentGlobalIdentifier	Financial Instrument Global Identifier. An Object Management Group (OMG) standard. Also referred to as FIGI. Formerly known as "Bloomberg Open Symbology BBGID".
Y	DigitalTokenIdentifier	Digital Token Identifier (ISO 24165)

Used in components: **Instrument**

#### **170.2.4238 PriceUnitOfMeasureQty**

Used to express the UOM Quantity of the price if different from the contract. In futures, this can be different for physically delivered products in which price is quoted in a unit size different from the contract, i.e. a Cattle Future contract has a UOMQty of 40,000 and a PriceUOMQty of 100.

Type: **Qty**

Used in components: **Instrument**

#### **170.2.4239 PricingDateAdjusted**

The adjusted pricing or fixing date.

Type: **LocalMktDate**

Used in components: **PricingDateTime**

#### **170.2.4240 PricingDateBusinessCenter**

The business center calendar used to adjust pricing or fixing dates, e.g. "GBLO".

See <http://www.fpml.org/coding-scheme/business-center> for standard 4-character code values.

Type: **String**

Used in groups: **PricingDateBusinessCenterGrp**

**170.2.4241 PricingDateBusinessCenterGrp**

PricingDateBusinessCenterGrp is a repeating subcomponent of the PricingDateTime component used to specify the set of business centers whose calendars drive date adjustment. Used only to override the business centers defined in the DateAdjustment component in Instrument.

Name	Mult.	Type	Description
NoPricingDateBusinessCenters	[1..1]	NumInGroup	
PricingDateBusinessCenter	[0..1]	String	Required if NoPricingDateBusinessCenters(41230) > 0.

Used in components: [PricingDateTime](#)

**170.2.4242 PricingDateBusinessDayConvention**

The business day convention used to adjust pricing or fixing dates. Used only to override the business day convention defined in the DateAdjustment component within the Instrument component.

Type: [int](#)

Allowed values in BusinessDayConventionCodeSet:

Code	Name	Description
0	NotApplicable	Not applicable. Business day convention is not applicable.
1	None	None (current day)
2	FollowingDay	Following day. The following business day.
3	FloatingRateNote	Floating rate note. The FRN business day convention.
4	ModifiedFollowingDay	Modified following day. The modified following business day.
5	PrecedingDay	Preceding day. The preceding business day.
6	ModifiedPrecedingDay	Modified preceding day. The modified preceding business day.
7	NearestDay	Nearest day. The nearest applicable business day.

Used in components: [PricingDateTime](#)

**170.2.4243 PricingDateTime**

The PricingDateTime component is a subcomponent of Instrument used to specify an adjusted or unadjusted pricing or fixing date and optionally the time, e.g. for a commodity or FX forward trade.

Name	Mult.	Type	Description
PricingDateUnadjusted	[0..1]	LocalMktDate	
PricingDateBusinessDayConvention	[0..1]	CodeSet	When specified, this overrides the business day convention defined in the DateAdjustment component in Instrument. The specified value would be specific to this instance of pricing dates.
PricingDateBusinessCenterGrp	[0..*]	Group	When specified, this overrides the business centers defined in the DateAdjustment component in Instrument. The specified values would be specific to this instance of pricing dates.
PricingDateAdjusted	[0..1]	LocalMktDate	
PricingTime	[0..1]	LocalMktTime	
PricingTimeBusinessCenter	[0..1]	String	

---

Used in components: **Instrument**

#### **170.2.4244 PricingDateUnadjusted**

The unadjusted pricing or fixing date.

Type: **LocalMktDate**

Used in components: **PricingDateTime**

#### **170.2.4245 PricingTime**

Specifies the local market time of the pricing or fixing.

Type: **LocalMktTime**

Used in components: **PricingDateTime**

#### **170.2.4246 PricingTimeBusinessCenter**

Specifies the business center for determining the pricing or fixing time. See <http://www.fpml.org/coding-scheme/business-center> for standard 4-character code values.

Type: **String**

Used in components: **PricingDateTime**

**170.2.4247 PrimaryServiceLocationID**

Primary service location identifier.

Type: **String**

Used in groups: **MarketDataFeedTypes**

**170.2.4248 PriorityIndicator**

Indicates if a Cancel/Replace has caused an order to lose book priority.

Type: **int**

Allowed values in PriorityIndicatorCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	PriorityUnchanged	Priority unchanged
1	LostPriorityAsResultOfOrderChange	Lost Priority as result of order change

---

Used in messages: **ExecutionReport**

**170.2.4249 PriorSettlPrice**

Previous settlement price

Type: **Price**

Used in messages: **AdjustedPositionReport, AssignmentReport, PositionReport, SecurityDefinition, SecurityDefinitionUpdateReport**

**170.2.4250 PriorSpreadIndicator**

Indicates if requesting a rollover of prior day's spread submissions.

Type: **Boolean**

Used in messages: **PositionMaintenanceReport, PositionMaintenanceRequest**

**170.2.4251 PrivateQuote**

Specifies whether a quote is public, i.e. available to the market, or private, i.e. available to a specified counterparty only.

Type: **Boolean**

Allowed values in PrivateQuoteCodeSet:

Code	Name	Description
Y	PrivateQuote	Private Quote
N	PublicQuote	Public Quote

Used in messages: **Quote**, **QuoteRequest**, **QuoteRequestReject**, **RFQRequest**

**170.2.4252 ProcessCode**

Processing code for sub-account. Absence of this field in AllocAccount (79) / AllocPrice (366) / AllocQty (80) / ProcessCode instance indicates regular trade.

Type: **char**

Allowed values in ProcessCodeCodeSet:

Code	Name	Description
0	Regular	Regular
1	SoftDollar	Soft Dollar
2	StepIn	Step-In
3	StepOut	Step-Out
4	SoftDollarStepIn	Soft-dollar Step-In
5	SoftDollarStepOut	Soft-dollar Step-Out
6	PlanSponsor	Plan Sponsor

Used in groups: **AllocGrp**, **ListOrdGrp**, **TrdCapRptAckSideGrp**, **TrdCapRptSideGrp**

Used in messages: **Confirmation**, **CrossOrderCancelReplaceRequest**, **MultilegOrderCancelReplace**, **NewOrderCross**, **NewOrderMultileg**, **NewOrderSingle**



**170.2.4253 Product**

Indicates the type of product the security is associated with. See also the CFICode (461) and Security-Type (167) fields.

Type: **int**

Allowed values in ProductCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
1	AGENCY	AGENCY
2	COMMODITY	COMMODITY
3	CORPORATE	CORPORATE
4	CURRENCY	CURRENCY
5	EQUITY	EQUITY
6	GOVERNMENT	GOVERNMENT
7	INDEX	INDEX
8	LOAN	LOAN
9	MONEYMARKET	MONEYMARKET
10	MORTGAGE	MORTGAGE
11	MUNICIPAL	MUNICIPAL
12	OTHER	OTHER
13	FINANCING	FINANCING

---

Used in components: **Instrument**

Used in groups: **SecTypesGrp**, **SettlInstGrp**

Used in messages: **SecurityTypeRequest**, **SettlementInstructionRequest**

**170.2.4254 ProductComplex**

Identifies an entire suite of products for a given market. In Futures this may be "interest rates", "agricultural", "equity indexes", etc.

Type: **String**

Used in components: **Instrument**

**170.2.4255 ProgPeriodInterval**

Time in minutes between each ListStatus report sent by SellSide. Zero means don't send status.

Type: **int**

Used in messages: **BidRequest**, **NewOrderList**

**170.2.4256 ProgRptReqs**

Code to identify the desired frequency of progress reports.

Type: **int**

Allowed values in ProgRptReqsCodeSet:

---

Code	Name	Description
1	BuySideRequests	Buy-side explicitly requests status using Statue Request (default), the sell-side firm can, however, send a DONE status List SStatus Response in an unsolicited fashion
2	SellSideSends	Sell-side periodically sends status using List Status. Period optionally specified in ProgressPeriod.
3	RealTimeExecutionReports	Real-time execution reports (to be discourage)

---

Used in messages: **BidRequest**, **NewOrderList**

**170.2.4257 ProtectionTermBuyerNotifies**

The notifying party is the party that notifies the other party when a credit event has occurred by means of a credit event notice. If more than one party is referenced as being the notifying party then either party may notify the other of a credit event occurring.

ProtectionTermBuyerNotifies(40185)=Y indicates that the buyer notifies.

Type: **Boolean**

Used in groups: **ProtectionTermGrp**

**170.2.4258 ProtectionTermCurrency**

The currency of ProtectionTermNotional(40182). Uses ISO 4217 currency codes.

Type: **Currency**

Used in groups: **ProtectionTermGrp**

#### **170.2.4259 ProtectionTermEventBusinessCenter**

When used, the business center indicates the local time of the business center that replaces the Greenwich Mean Time in Section 3.3 of the 2003 ISDA Credit Derivatives Definitions. See <http://www.fpml.org/coding-scheme/business-center> for standard 4-character code values.

Type: **String**

Used in groups: **ProtectionTermGrp**

#### **170.2.4260 ProtectionTermEventCurrency**

Applicable currency if ProtectionTermEventValue(40193) is an amount. Uses ISO 4217 currency codes.

Type: **Currency**

Used in groups: **ProtectionTermEventGrp**

#### **170.2.4261 ProtectionTermEventDayType**

Day type for events that specify a period and unit.

Type: **int**

Allowed values in ProtectionTermEventDayTypeCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	Business	Business
1	Calendar	Calendar
2	CommodityBusiness	Commodity business
3	CurrencyBusiness	Currency business
4	ExchangeBusiness	Exchange business
5	ScheduledTradingDay	Scheduled trading day

---

Used in groups: **ProtectionTermEventGrp**

**170.2.4262 ProtectionTermEventGrp**

The ProtectionTermEventGrp is a repeating component within the ProtectionTermGrp component used to report applicable CDS credit events.

Name	Mult.	Type	Description
NoProtectionTermEvents	[1..1]	NumInGroup	
ProtectionTermEventType	[0..1]	String	Required if NoProtectionTermEvents(40191) > 0.
ProtectionTermEventValue	[0..1]	String	
ProtectionTermEventCurrency	[0..1]	Currency	
ProtectionTermEventPeriod	[0..1]	int	Conditionally required when ProtectionTermEventUnit(40196) is specified.
ProtectionTermEventUnit	[0..1]	CodeSet	Conditionally required when ProtectionTermEventPeriod(40195) is specified.
ProtectionTermEventDayType	[0..1]	CodeSet	
ProtectionTermEventRateSource	[0..1]	String	
ProtectionTermEventQualifierGrp	[0..*]	Group	

Used in groups: [ProtectionTermGrp](#)

**170.2.4263 ProtectionTermEventMinimumSources**

The minimum number of the specified public information sources that must publish information that reasonably confirms that a credit event has occurred. The market convention is two.

Type: [int](#)

Used in groups: [ProtectionTermGrp](#)

**170.2.4264 ProtectionTermEventNewsSource**

Newspaper or electronic news service or source that may publish relevant information used in the determination of whether or not a credit event has occurred.

Type: [String](#)

Used in groups: [ProtectionTermEventNewsSourceGrp](#)

**170.2.4265 ProtectionTermEventNewsSourceGrp**

ProtectionTermEventNewsSourceGrp is a repeating subcomponent within the ProtectionTermGrp component. It is used to specify the particular newspapers or electronic news services and sources that may publish relevant information used in the determination of whether or not a credit event has occurred.

Name	Mult.	Type	Description
NoProtectionTermEventNewsSources	[1..1]	NumInGroup	
ProtectionTermEventNewsSource	[0..1]	String	Required if NoProtectionTermEventNewsSources(40951) > 0.

Used in groups: [ProtectionTermGrp](#)

**170.2.4266 ProtectionTermEventPeriod**

Time unit multiplier for protection term events.

Type: [int](#)

Used in groups: [ProtectionTermEventGrp](#)

**170.2.4267 ProtectionTermEventQualifier**

Protection term event qualifier. Used to further qualify ProtectionTermEventType(40192).

Type: [char](#)

Allowed values in ProtectionTermEventQualifierCodeSet:

Code	Name	Description
H	RestructuringMultipleHoldingObligations	Restructuring - multiple holding obligations. In relation to a restructuring credit event, unless multiple holder obligation is not specified restructurings are limited to multiple holder obligations. A multiple holder obligation means an obligation that is held by more than three holders that are not affiliates of each other and where at least two thirds of the holders must agree to the event that constitutes the restructuring credit event. ISDA 2003 Term: Multiple Holder Obligation.

Code	Name	Description
E	RestructuringMultipleCreditEvent-Notices	Restructuring - multiple credit event notices. Presence of this element and value set to 'true' indicates that Section 3.9 of the 2003 Credit Derivatives Definitions shall apply. Absence of this element indicates that Section 3.9 shall not apply. NOTE: Not allowed under ISDA Credit 1999.
C	FloatingRateInterestShortfall	Floating rate interest shortfall. Indicates compounding.

Used in groups: [ProtectionTermEventQualifierGrp](#)

### 170.2.4268 ProtectionTermEventQualifierGrp

The ProtectionTermEventQualifierGrp is a repeating component within the ProtectionTermEventGrp component used to specify qualifying attributes to the event.

Name	Mult.	Type	Description
<a href="#">NoProtectionTermEventQualifiers</a>	[1..1]	NumInGroup	
<a href="#">ProtectionTermEventQualifier</a>	[0..1]	CodeSet	Required if <a href="#">NoProtectionTermEventQualifiers(40199)</a> > 0.

Used in groups: [ProtectionTermEventGrp](#)

### 170.2.4269 ProtectionTermEventRateSource

Rate source for events that specify a rate source, e.g. Floating rate interest shortfall.

Type: [String](#)

Used in groups: [ProtectionTermEventGrp](#)

### 170.2.4270 ProtectionTermEventType

Specifies the type of credit event applicable to the protection terms.

See [http://www.fixtradingcommunity.org/codelists#Protection\\_Term\\_Event\\_Types](http://www.fixtradingcommunity.org/codelists#Protection_Term_Event_Types) for code list of applicable event types.

Type: [String](#)

Used in groups: [ProtectionTermEventGrp](#)

**170.2.4271 ProtectionTermEventUnit**

Time unit associated with protection term events.

Type: **String**

Allowed values in ProtectionTermEventUnitCodeSet:

---

Code	Name	Description
D	Day	Day
Wk	Week	Week
Mo	Month	Month
Yr	Year	Year

---

Used in groups: **ProtectionTermEventGrp**

**170.2.4272 ProtectionTermEventValue**

Protection term event value appropriate to ProtectionTermEventType(40192).

See [http://www.fixtradingcommunity.org/codelists#Protection\\_Term\\_Event\\_Types](http://www.fixtradingcommunity.org/codelists#Protection_Term_Event_Types) for applicable event type values.

Type: **String**

Used in groups: **ProtectionTermEventGrp**

**170.2.4273 ProtectionTermGrp**

The ProtectionTermGrp is a repeating component within the Instrument component used to report protection term details referenced from UnderlyingInstrument component.

---

Name	Mult.	Type	Description
<b>NoProtectionTerms</b>	[1..1]	NumInGroup	
<b>ProtectionTermNotional</b>	[0..1]	Amt	Required if NoProtectionTerms(40181) > 0.
<b>ProtectionTermCurrency</b>	[0..1]	Currency	
<b>ProtectionTermSellerNotifies</b>	[0..1]	Boolean	
<b>ProtectionTermBuyerNotifies</b>	[0..1]	Boolean	
<b>ProtectionTermEventBusinessCenter</b>	[0..1]	String	

---

Name	Mult.	Type	Description
ProtectionTermStandardSources	[0..1]	Boolean	
ProtectionTermEventMinimumSources	[0..1]	int	
ProtectionTermEventNewsSourceGrp	[0..*]	Group	
ProtectionTermEventGrp	[0..*]	Group	
ProtectionTermObligationGrp	[0..*]	Group	
ProtectionTermXID	[0..1]	XID	

Used in components: [Instrument](#)

#### 170.2.4274 ProtectionTermNotional

The notional amount of protection coverage.

Type: [Amt](#)

Used in groups: [ProtectionTermGrp](#)

#### 170.2.4275 ProtectionTermObligationGrp

The ProtectionTermObligationGrp is a repeating component within the ProtectionTermGrp component used to report applicable CDS obligations.

Name	Mult.	Type	Description
NoProtectionTermObligations	[1..1]	NumInGroup	
ProtectionTermObligationType	[0..1]	String	Required if NoProtectionTermObligations(40201) > 0.
ProtectionTermObligationValue	[0..1]	String	

Used in groups: [ProtectionTermGrp](#)

#### 170.2.4276 ProtectionTermObligationType

Specifies the type of obligation applicable to the protection terms.

See [http://www.fixtradingcommunity.org/codelists#Protection\\_Term\\_Obligation\\_Types](http://www.fixtradingcommunity.org/codelists#Protection_Term_Obligation_Types) for code list of applicable obligation types.



Type: **String**

Used in groups: **ProtectionTermObligationGrp**

#### **170.2.4277 ProtectionTermObligationValue**

Protection term obligation value appropriate to ProtectionTermObligationType(40202).

See [http://www.fixtradingcommunity.org/codelists#Protection\\_Term\\_Obligation\\_Types](http://www.fixtradingcommunity.org/codelists#Protection_Term_Obligation_Types) for applicable obligation type values.

Type: **String**

Used in groups: **ProtectionTermObligationGrp**

#### **170.2.4278 ProtectionTermSellerNotifies**

The notifying party is the party that notifies the other party when a credit event has occurred by means of a credit event notice. If more than one party is referenced as being the notifying party then either party may notify the other of a credit event occurring.

ProtectionTermSellerNotifies(40184)=Y indicates that the seller notifies.

Type: **Boolean**

Used in groups: **ProtectionTermGrp**

#### **170.2.4279 ProtectionTermStandardSources**

Indicates whether ISDA defined Standard Public Sources are applicable (ProtectionTermStandardSources(40187)=Y) or not.

Type: **Boolean**

Used in groups: **ProtectionTermGrp**

#### **170.2.4280 ProtectionTermXID**

A named string value referenced by UnderlyingProtectionTermXIDRef(41314).

Type: **XID**

Used in groups: **ProtectionTermGrp**

**170.2.4281 ProvisionBreakFeeElection**

Type of fee elected for the break provision.

Type: **int**

Allowed values in ProvisionBreakFeeElectionCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	FlatFee	Flat fee
1	AmortizedFee	Amortized fee
2	FundingFee	Funding fee
3	FlatAndFundingFee	Flat fee and funding fee
4	AmortizedAndFundingFee	Amortized fee and funding fee

---

Used in groups: **ProvisionGrp**

**170.2.4282 ProvisionBreakFeeRate**

Break fee election rate when the break fee is proportional to the notional. A fee rate of 5% would be represented as "0.05".

Type: **Percentage**

Used in groups: **ProvisionGrp**

**170.2.4283 ProvisionCalculationAgent**

Used to identify the calculation agent. The calculation agent may be identified in ProvisionCalculation-Agent(40098) or in the ProvisionParties component.

Type: **int**

Allowed values in ProvisionCalculationAgentCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	ExercisingParty	Exercising party
1	NonExercisingParty	Non-exercising party
2	MasterAgreement	As specified in the master agreement
3	Supplement	As specified in the standard terms supplement

---

---

Code	Name	Description
------	------	-------------

---

Used in groups: [ProvisionGrp](#)

#### **170.2.4284 ProvisionCashSettlCurrency**

Specifies the currency of settlement. Uses ISO 4217 currency codes.

Type: [Currency](#)

Used in groups: [ProvisionGrp](#)

#### **170.2.4285 ProvisionCashSettlCurrency2**

Specifies the currency of settlement for a cross-currency provision. Uses ISO 4217 currency codes.

Type: [Currency](#)

Used in groups: [ProvisionGrp](#)

#### **170.2.4286 ProvisionCashSettlMethod**

An ISDA defined cash settlement method used for the determination of the applicable cash settlement amount. The method is defined in the 2006 ISDA Definitions, Section 18.3. Cash Settlement Methods, paragraph (e).

Type: [int](#)

Allowed values in ProvisionCashSettlMethodCodeSet:

---

Code	Name	Description
0	CashPrice	Cash price
1	CashPriceAlternate	Cash price alternate
2	ParYieldCurveAdjusted	Par yield curve adjusted
3	ZeroCouponYieldCurveAdjusted	Zero coupon yield curve adjusted
4	ParYieldCurveUnadjusted	Par yield curve unadjusted
5	CrossCurrency	Cross currency
6	CollateralizedPrice	Collateralized price

---

Used in groups: [ProvisionGrp](#)

**170.2.4287 ProvisionCashSettlPaymentDate**

The cash settlement payment date, unadjusted or adjusted depending on ProvisionCashSettlPaymentDateType(40173).

Type: [LocalMktDate](#)

Used in groups: [ProvisionCashSettlPaymentFixedDateGrp](#)

**170.2.4288 ProvisionCashSettlPaymentDateBusinessCenter**

The business center calendar used to adjust the provisional cash settlement payment's termination or relative termination date, e.g. "GBLO".

See <http://www.fpml.org/coding-scheme/business-center> for standard 4-character code values.

Type: [String](#)

Used in groups: [ProvisionCashSettlPaymentDateBusinessCenterGrp](#)

**170.2.4289 ProvisionCashSettlPaymentDateBusinessCenterGrp**

ProvisionCashSettlPaymentDateBusinessCenterGrp is a repeating subcomponent within the ProvisionCashSettlPaymentDates component. It is used to specify the set of business centers whose calendars drive the date adjustment. Used only to override the business centers defined in the DateAdjustment component in Instrument.

---

Name	Mult.	Type	Description
<a href="#">NoProvisionCashSettlPaymentDateBusinessCenters</a>	[1..1]	NumInGroup	
<a href="#">ProvisionCashSettlPaymentDateBusinessCenter</a>	[0..1]	String	Required if NoProvisionCashSettlPaymentDateBusinessCenters(40952) > 0.

---

Used in components: [ProvisionCashSettlPaymentDates](#)

**170.2.4290 ProvisionCashSettlPaymentDateBusinessDayConvention**

The business day convention used to adjust the provisional cash settlement payment's termination or relative termination date. Used only to override the business day convention specified in the DateAdjustment component within the Instrument component.

Type: **int**

Allowed values in BusinessDayConventionCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	NotApplicable	Not applicable. Business day convention is not applicable.
1	None	None (current day)
2	FollowingDay	Following day. The following business day.
3	FloatingRateNote	Floating rate note. The FRN business day convention.
4	ModifiedFollowingDay	Modified following day. The modified following business day.
5	PrecedingDay	Preceding day. The preceding business day.
6	ModifiedPrecedingDay	Modified preceding day. The modified preceding business day.
7	NearestDay	Nearest day. The nearest applicable business day.

---

Used in components: [ProvisionCashSettlPaymentDates](#)

#### **170.2.4291 ProvisionCashSettlPaymentDateOffsetDayType**

Specifies the day type of the provision's relative cash settlement payment date offset.

Type: **int**

Allowed values in PaymentStreamPaymentDateOffsetDayTypeCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	Business	Business
1	Calendar	Calendar
2	CommodityBusiness	Commodity business
3	CurrencyBusiness	Currency business
4	ExchangeBusiness	Exchange business
5	ScheduledTradingDay	Scheduled trading day

---

Used in components: [ProvisionCashSettlPaymentDates](#)

#### **170.2.4292 ProvisionCashSettlPaymentDateOffsetPeriod**

Time unit multiplier for the relative cash settlement payment date offset.

Type: **int**

Used in components: **ProvisionCashSettlPaymentDates**

#### **170.2.4293 ProvisionCashSettlPaymentDateOffsetUnit**

Time unit associated with the relative cash settlement payment date offset.

Type: **String**

Allowed values in PaymentStreamPaymentDateOffsetUnitCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
D	Day	Day
Wk	Week	Week
Mo	Month	Month
Yr	Year	Year

---

Used in components: **ProvisionCashSettlPaymentDates**

#### **170.2.4294 ProvisionCashSettlPaymentDateRangeFirst**

First date in range when a settlement date range is provided.

Type: **LocalMktDate**

Used in components: **ProvisionCashSettlPaymentDates**

#### **170.2.4295 ProvisionCashSettlPaymentDateRangeLast**

The last date in range when a settlement date range is provided.

Type: **LocalMktDate**

Used in components: **ProvisionCashSettlPaymentDates**

#### **170.2.4296 ProvisionCashSettlPaymentDateRelativeTo**

Specifies the anchor date when the cash settlement payment date is relative to an anchor date.

See [http://www.fixtradingcommunity.org/codelists#Relative\\_To\\_Date](http://www.fixtradingcommunity.org/codelists#Relative_To_Date) for values.

Type: **int**

Used in components: **ProvisionCashSettlPaymentDates**

### 170.2.4297 ProvisionCashSettlPaymentDates

The ProvisionCashSettlPaymentDates component is a sub-component within the ProvisionGrp component used to report the cash settlement payment dates defined in the provision.

Name	Mult.	Type	Description
ProvisionCashSettlPaymentDateBusinessDayConvention	[0..1]	CodeSet	When specified, this overrides the business day convention defined in the DateAdjustment component in Instrument. The specified value would be specific to this instance of the provisional cash settlement payment dates.
ProvisionCashSettlPaymentDateBusinessCenterGrp	[0..*]	Group	When specified, this overrides the business centers defined in the DateAdjustment component in Instrument. The specified values would be specific to this instance of the provisional cash settlement payment dates.
ProvisionCashSettlPaymentDateRelativeTo	[0..1]	int	
ProvisionCashSettlPaymentDateOffsetPeriod	[0..1]	int	Conditionally required when ProvisionCashSettlPaymentDateOffsetUnit(40167) is specified.
ProvisionCashSettlPaymentDateOffsetUnit	[0..1]	CodeSet	Conditionally required when ProvisionCashSettlPaymentDateOffsetPeriod(40166) is specified.
ProvisionCashSettlPaymentDateOffsetDayType	[0..1]	CodeSet	
ProvisionCashSettlPaymentDateRangeFirst	[0..1]	LocalMktDate	
ProvisionCashSettlPaymentDateRangeLast	[0..1]	LocalMktDate	
ProvisionCashSettlPaymentFixedDateGrp	[0..*]	Group	

Used in groups: **ProvisionGrp**

### 170.2.4298 ProvisionCashSettlPaymentDateType

Specifies the type of date (e.g. adjusted for holidays).

Type: **int**

Allowed values in ProvisionCashSettlPaymentDateTypeCodeSet:

---

Code	Name	Description
0	Unadjusted	Unadjusted
1	Adjusted	Adjusted

---

Used in groups: **ProvisionCashSettlPaymentFixedDateGrp**

### **170.2.4299 ProvisionCashSettlPaymentFixedDateGrp**

The ProvisionCashSettlPaymentFixedDateGrp is a repeating component within the ProvisionCashSettlPaymentDates component used to report fixed cash settlement payment dates defined in the provision.

---

Name	Mult.	Type	Description
<b>NoProvisionCashSettlPaymentDates</b>	[1..1]	NumInGroup	
<b>ProvisionCashSettlPaymentDate</b>	[0..1]	LocalMktDate	Required if NoProvisionCashSettlPaymentDates (40171) > 0.
<b>ProvisionCashSettlPaymentDateType</b>	[0..1]	CodeSet	When specified it applies not only to the current date but to all subsequent dates in the group until overridden with a new type.

---

Used in components: **ProvisionCashSettlPaymentDates**

### **170.2.4300 ProvisionCashSettlQuoteReferencePage**

Identifies the reference "page" from the quote source.

Type: **String**

Used in components: **ProvisionCashSettlQuoteSource**

### **170.2.4301 ProvisionCashSettlQuoteSource**

Identifies the source of quote information.



Type: **int**

Allowed values in PaymentStreamRateIndexSourceCodeSet:

---

Code	Name	Description
0	Bloomberg	Bloomberg
1	Reuters	Reuters
2	Telerate	Telerate
99	Other	Other

---

Used in components: **ProvisionCashSettlQuoteSource**

### 170.2.4302 ProvisionCashSettlQuoteSource

The ProvisionCashSettlQuoteSource is a subcomponent of the ProvisionGrp component used to specify the reference source for currency or rate quote for cash settlement purposes.

---

Name	Mult.	Type	Description
<b>ProvisionCashSettlQuoteSource</b>	[0..1]	CodeSet	
<b>ProvisionCashSettlQuoteReferencePage</b>	[0..1]	String	

---

Used in groups: **ProvisionGrp**

### 170.2.4303 ProvisionCashSettlQuoteType

Identifies the type of quote to be used.

Type: **int**

Allowed values in ProvisionCashSettlQuoteTypeCodeSet:

---

Code	Name	Description
0	Bid	Bid
1	Mid	Mid
2	Offer	Offer

---

Code	Name	Description
3	ExercisingPartyPays	Exercising party pays. See 2000 ISDA Definitions, Section 17.2, Certain Definitions Relating to Cash Settlement, paragraph (j) for definition of "exercising party pays".

Used in groups: [ProvisionGrp](#)

#### 170.2.4304 ProvisionCashSettlValueDateAdjusted

The adjusted cash settlement value date.

Type: [LocalMktDate](#)

Used in components: [ProvisionCashSettlValueDates](#)

#### 170.2.4305 ProvisionCashSettlValueDateBusinessCenter

The business center calendar used to adjust the provision's cash settlement valuation date, e.g. "GBLO". See <http://www.fpml.org/coding-scheme/business-center> for standard 4-character code values.

Type: [String](#)

Used in groups: [ProvisionCashSettlValueDateBusinessCenterGrp](#)

#### 170.2.4306 ProvisionCashSettlValueDateBusinessCenterGrp

ProvisionCashSettlValueDateBusinessCenterGrp is a repeating subcomponent within the ProvisionCashSettlValueDate component. It is used to specify the set of business centers whose calendars drive the date adjustment. Used only to override the business centers defined in the DateAdjustment component in Instrument.

Name	Mult.	Type	Description
<a href="#">NoProvisionCashSettlValueDateBusinessCenters</a>	[1..1]	NumInGroup	
<a href="#">ProvisionCashSettlValueDateBusinessCenter</a>	[0..1]	String	Required if <a href="#">NoProvisionCashSettlValueDateBusinessCenters(40953)</a> > 0.

Used in components: [ProvisionCashSettlValueDates](#)

**170.2.4307 ProvisionCashSettlValueDateBusinessDayConvention**

The cash settlement valuation date adjustment business day convention. Used only to override the business day convention specified in the DateAdjustment component within the Instrument component.

Type: **int**

Allowed values in BusinessDayConventionCodeSet:

---

Code	Name	Description
0	NotApplicable	Not applicable. Business day convention is not applicable.
1	None	None (current day)
2	FollowingDay	Following day. The following business day.
3	FloatingRateNote	Floating rate note. The FRN business day convention.
4	ModifiedFollowingDay	Modified following day. The modified following business day.
5	PrecedingDay	Preceding day. The preceding business day.
6	ModifiedPrecedingDay	Modified preceding day. The modified preceding business day.
7	NearestDay	Nearest day. The nearest applicable business day.

---

Used in components: [ProvisionCashSettlValueDates](#)

**170.2.4308 ProvisionCashSettlValueDateOffsetDayType**

Specifies the day type of the provision's relative cash settlement value date offset.

Type: **int**

Allowed values in PaymentStreamPaymentDateOffsetDayTypeCodeSet:

---

Code	Name	Description
0	Business	Business
1	Calendar	Calendar
2	CommodityBusiness	Commodity business
3	CurrencyBusiness	Currency business
4	ExchangeBusiness	Exchange business
5	ScheduledTradingDay	Scheduled trading day

---

Used in components: [ProvisionCashSettlValueDates](#)

**170.2.4309 ProvisionCashSettlValueDateOffsetPeriod**

Time unit multiplier for the relative cash settlement value date offset.

Type: **int**

Used in components: **ProvisionCashSettlValueDates**

**170.2.4310 ProvisionCashSettlValueDateOffsetUnit**

Time unit associated with the relative cash settlement value date offset.

Type: **String**

Allowed values in PaymentStreamPaymentDateOffsetUnitCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
D	Day	Day
Wk	Week	Week
Mo	Month	Month
Yr	Year	Year

---

Used in components: **ProvisionCashSettlValueDates**

**170.2.4311 ProvisionCashSettlValueDateRelativeTo**

Specifies the anchor date when the cash settlement value date is relative to an anchor date.

See [http://www.fixtradingcommunity.org/codelists#Relative\\_To\\_Date](http://www.fixtradingcommunity.org/codelists#Relative_To_Date) for values

Type: **int**

Used in components: **ProvisionCashSettlValueDates**

**170.2.4312 ProvisionCashSettlValueDates**

The ProvisionCashSettlValueDates component is a subcomponent within the ProvisionGrp component used to report the cash settlement value date and time defined in the provision.

Name	Mult.	Type	Description
ProvisionCashSettlValueTime	[0..1]	LocalMktTime	
ProvisionCashSettlValueTimeBusinessCenter	[0..1]	String	
ProvisionCashSettlValueDateBusinessDayConvention	[0..1]	CodeSet	When specified, this overrides the business day convention defined in the DateAdjustment component in Instrument. The specified value would be specific to this instance of the provisional cash settlement value date.
ProvisionCashSettlValueDateBusinessCenterGrp	[0..*]	Group	When specified, this overrides the business centers defined in the DateAdjustment component in Instrument. The specified values would be specific to this instance of the provisional cash settlement value date.
ProvisionCashSettlValueDateRelativeTo	[0..1]	int	
ProvisionCashSettlValueDateOffsetPeriod	[0..1]	int	Conditionally required when ProvisionCashSettlValueDateOffsetUnit(40120) is specified.
ProvisionCashSettlValueDateOffsetUnit	[0..1]	CodeSet	Conditionally required when ProvisionCashSettlValueDateOffsetPeriod(40119) is specified.
ProvisionCashSettlValueDateOffsetDayType	[0..1]	CodeSet	
ProvisionCashSettlValueDateAdjusted	[0..1]	LocalMktDate	

Used in groups: [ProvisionGrp](#)

### 170.2.4313 ProvisionCashSettlValueTime

A time specified in 24-hour format, e.g. 11am would be represented as 11:00:00. The time of the cash settlement valuation date when the cash settlement amount will be determined according to the cash settlement method if the parties have not otherwise been able to agree to the cash settlement amount.

Type: [LocalMktTime](#)

Used in components: [ProvisionCashSettlValueDates](#)

**170.2.4314 ProvisionCashSettlValueTimeBusinessCenter**

Identifies the business center calendar used with the provision's cash settlement valuation time. See <http://www.fpml.org/coding-scheme/business-center> for standard 4-character code values.

Type: **String**

Used in components: **ProvisionCashSettlValueDates**

**170.2.4315 ProvisionDateAdjusted**

The adjusted date of the provision.

Type: **LocalMktDate**

Used in groups: **ProvisionGrp**

**170.2.4316 ProvisionDateBusinessCenter**

The business center calendar used to adjust the instrument's provision's dates, e.g. "GBLO". See <http://www.fpml.org/coding-scheme/business-center> for standard 4-character code values.

Type: **String**

Used in groups: **ProvisionDateBusinessCenterGrp**

**170.2.4317 ProvisionDateBusinessCenterGrp**

ProvisionDateBusinessCenterGrp is a repeating subcomponent within the ProvisionGrp component. It is used to specify the set of business centers whose calendars drive the date adjustment. Used only to override the business centers defined in the DateAdjustment component in Instrument.

Name	Mult.	Type	Description
<b>NoProvisionDateBusinessCenters</b>	[1..1]	NumInGroup	
<b>ProvisionDateBusinessCenter</b>	[0..1]	String	Required if NoProvisionDateBusinessCenters(40957) > 0.

Used in groups: **ProvisionGrp**

**170.2.4318 ProvisionDateBusinessDayConvention**

The business day convention used to adjust the instrument's provision's dates. Used only to override the business day convention specified in the DateAdjustment component within the Instrument component.

Type: **int**

Allowed values in BusinessDayConventionCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	NotApplicable	Not applicable. Business day convention is not applicable.
1	None	None (current day)
2	FollowingDay	Following day. The following business day.
3	FloatingRateNote	Floating rate note. The FRN business day convention.
4	ModifiedFollowingDay	Modified following day. The modified following business day.
5	PrecedingDay	Preceding day. The preceding business day.
6	ModifiedPrecedingDay	Modified preceding day. The modified preceding business day.
7	NearestDay	Nearest day. The nearest applicable business day.

---

Used in groups: **ProvisionGrp**

**170.2.4319 ProvisionDateTenorPeriod**

Time unit multiplier for the provision's tenor period.

Type: **int**

Used in groups: **ProvisionGrp**

**170.2.4320 ProvisionDateTenorUnit**

Time unit associated with the provision's tenor period.

Type: **String**

Allowed values in ProvisionDateTenorUnitCodeSet:

Code	Name	Description
D	Day	Day
Wk	Week	Week
Mo	Month	Month
Yr	Year	Year

Used in groups: [ProvisionGrp](#)

### 170.2.4321 ProvisionDateUnadjusted

The unadjusted date of the provision.

Type: [LocalMktDate](#)

Used in groups: [ProvisionGrp](#)

### 170.2.4322 ProvisionGrp

The ProvisionGrp is a repeating subcomponent of the Instrument component used to detail the additional terms and conditions associated with the instrument.

Name	Mult.	Type	Description
<a href="#">NoProvisions</a>	[1..1]	NumInGroup	
<a href="#">ProvisionType</a>	[0..1]	CodeSet	Required if NoProvisions(40090) > 0.
<a href="#">ProvisionDateUnadjusted</a>	[0..1]	LocalMktDate	
<a href="#">ProvisionDateBusinessDayConvention</a>	[0..1]	CodeSet	When specified, this overrides the business day convention defined in the DateAdjustment component in Instrument. The specified value would be specific to this instance of the instrument provisions.
<a href="#">ProvisionDateBusinessCenterGrp</a>	[0..*]	Group	When specified, this overrides the business centers defined in the DateAdjustment component in Instrument. The specified values would be specific to this instance of the instrument provisions.
<a href="#">ProvisionDateAdjusted</a>	[0..1]	LocalMktDate	
<a href="#">ProvisionDateTenorPeriod</a>	[0..1]	int	Conditionally required when ProvisionDateTenorUnit(40097) is specified.



Name	Mult.	Type	Description
ProvisionDateTenorUnit	[0..1]	CodeSet	Conditionally required when ProvisionDateTenorPeriod(40096) is specified.
ProvisionBreakFeeElection	[0..1]	CodeSet	
ProvisionBreakFeeRate	[0..1]	Percentage	
ProvisionCalculationAgent	[0..1]	CodeSet	
ProvisionOptionSinglePartyBuyerSide	[0..1]	CodeSet	
ProvisionOptionSinglePartySellerSide	[0..1]	CodeSet	
ProvisionCashSettlValueDates	[0..1]	Component	
ProvisionOptionExerciseDates	[0..1]	Component	
ProvisionOptionExpirationDate	[0..1]	Component	
ProvisionOptionRelevantUnderlying-Date	[0..1]	Component	
ProvisionOptionExerciseStyle	[0..1]	CodeSet	
ProvisionOptionExerciseMultipleNotional	[0..1]	Amt	
ProvisionOptionExerciseMinimumNotional	[0..1]	Amt	
ProvisionOptionExerciseMaximumNotional	[0..1]	Amt	
ProvisionOptionMinimumNumber	[0..1]	int	
ProvisionOptionMaximumNumber	[0..1]	int	
ProvisionOptionExerciseConfirmation	[0..1]	Boolean	
ProvisionCashSettlPaymentDates	[0..1]	Component	
ProvisionCashSettlMethod	[0..1]	CodeSet	
ProvisionCashSettlCurrency	[0..1]	Currency	
ProvisionCashSettlCurrency2	[0..1]	Currency	
ProvisionCashSettlQuoteType	[0..1]	CodeSet	
ProvisionCashSettlQuoteSource	[0..1]	Component	
ProvisionText	[0..1]	String	
EncodedProvisionTextLen	[0..1]	Length	Must be set if EncodedProvisionText(40987) field is specified and must immediately precede it.
EncodedProvisionText	[0..1]	data	Encoded (non-ASCII characters) representation of the ProvisionText(40113) field in the encoded format specified via the MessageEncoding(347) field.
ProvisionParties	[0..*]	Group	

Used in components: [Instrument](#)

#### **170.2.4323 ProvisionOptionExerciseBoundsFirstDateUnadjusted**

The unadjusted first date of a schedule. This can be used to restrict the range of exercise dates when they are relative.

Type: [LocalMktDate](#)

Used in components: [ProvisionOptionExerciseDates](#)

#### **170.2.4324 ProvisionOptionExerciseBoundsLastDateUnadjusted**

The unadjusted last date of a schedule. This can be used to restrict the range of exercise dates when they are relative.

Type: [LocalMktDate](#)

Used in components: [ProvisionOptionExerciseDates](#)

#### **170.2.4325 ProvisionOptionExerciseBusinessCenter**

The business center calendar used to adjust the instrument's provision's option exercise date, e.g. "GBLO".

See <http://www.fpml.org/coding-scheme/business-center> for standard 4-character code values.

Type: [String](#)

Used in groups: [ProvisionOptionExerciseBusinessCenterGrp](#)

#### **170.2.4326 ProvisionOptionExerciseBusinessCenterGrp**

[ProvisionOptionExerciseBusinessCenterGrp](#) is a repeating subcomponent within the [ProvisionOptionExerciseDates](#) component. It is used to specify the set of business centers whose calendars drive the date adjustment. Used only to override the business centers defined in the [DateAdjustment](#) component in [Instrument](#).

---

Name	Mult.	Type	Description
<a href="#">NoProvisionOptionExerciseBusinessCenters</a>	[1..1]	NumInGroup	

---

Name	Mult.	Type	Description
<a href="#">ProvisionOptionExerciseBusinessCenter</a>	[0..1]	String	Required if NoProvisionOptionExerciseBusinessCenters(40954) > 0.

Used in components: [ProvisionOptionExerciseDates](#)

### 170.2.4327 ProvisionOptionExerciseBusinessDayConvention

The business day convention used to adjust the instrument's provision's option exercise date. Used only to override the business day convention specified in the DateAdjustment component within the Instrument component.

Type: [int](#)

Allowed values in BusinessDayConventionCodeSet:

Code	Name	Description
0	NotApplicable	Not applicable. Business day convention is not applicable.
1	None	None (current day)
2	FollowingDay	Following day. The following business day.
3	FloatingRateNote	Floating rate note. The FRN business day convention.
4	ModifiedFollowingDay	Modified following day. The modified following business day.
5	PrecedingDay	Preceding day. The preceding business day.
6	ModifiedPrecedingDay	Modified preceding day. The modified preceding business day.
7	NearestDay	Nearest day. The nearest applicable business day.

Used in components: [ProvisionOptionExerciseDates](#)

### 170.2.4328 ProvisionOptionExerciseConfirmation

Used to indicate whether follow-up confirmation of exercise (written or electronic) is required following telephonic notice by the buyer to the seller or seller's agent.

Type: [Boolean](#)

Used in groups: [ProvisionGrp](#)

**170.2.4329 ProvisionOptionExerciseDates**

The ProvisionOptionExerciseDates is a subcomponent within the ProvisionGrp component used to report the option exercise dates and times defined in the provision.

Name	Mult.	Type	Description
ProvisionOptionExerciseBusinessDayConvention	[0..1]	CodeSet	When specified, this overrides the business day convention defined in the DateAdjustment component in Instrument. The specified value would be specific to this instance of the provisional option exercise dates.
ProvisionOptionExerciseBusinessCenterGrp	[0..*]	Group	When specified, this overrides the business centers defined in the DateAdjustment component in Instrument. The specified values would be specific to this instance of the provisional option exercise dates.
ProvisionOptionExerciseFixedDateGrp	[0..*]	Group	
ProvisionOptionExerciseEarliestDateOffsetPeriod	[0..1]	int	Conditionally required when ProvisionOptionExerciseEarliestDateUnit(40126) is specified.
ProvisionOptionExerciseEarliestDateOffsetUnit	[0..1]	CodeSet	Conditionally required when ProvisionOptionExerciseEarliestDatePeriod(40125) is specified.
ProvisionOptionExerciseFrequencyPeriod	[0..1]	int	Conditionally required when ProvisionOptionExerciseFrequencyUnit(40128) is specified.
ProvisionOptionExerciseFrequencyUnit	[0..1]	CodeSet	Conditionally required when ProvisionOptionExerciseFrequencyPeriod(40127) is specified.
ProvisionOptionExerciseStartDateUnadjusted	[0..1]	LocalMktDate	
ProvisionOptionExerciseStartDateRelativeTo	[0..1]	int	
ProvisionOptionExerciseStartDateOffsetPeriod	[0..1]	int	Conditionally required when ProvisionOptionExerciseStartDateOffsetUnit(40132) is specified.
ProvisionOptionExerciseStartDateOffsetUnit	[0..1]	CodeSet	Conditionally required when ProvisionOptionExerciseStartDateOffsetPeriod(40131) is specified.
ProvisionOptionExerciseStartDateOffsetDayType	[0..1]	CodeSet	
ProvisionOptionExerciseStartDateAdjusted	[0..1]	LocalMktDate	
ProvisionOptionExercisePeriodSkip	[0..1]	int	

Name	Mult.	Type	Description
ProvisionOptionExerciseBoundsFirst-DateUnadjusted	[0..1]	LocalMktDate	
ProvisionOptionExerciseBoundsLast-DateUnadjusted	[0..1]	LocalMktDate	
ProvisionOptionExerciseEarliestTime	[0..1]	LocalMktTime	
ProvisionOptionExerciseEarliestTime-BusinessCenter	[0..1]	String	
ProvisionOptionExerciseLatestTime	[0..1]	LocalMktTime	
ProvisionOptionExerciseLatestTime-BusinessCenter	[0..1]	String	

Used in groups: [ProvisionGrp](#)

#### 170.2.4330 ProvisionOptionExerciseEarliestDateOffsetPeriod

Time unit multiplier for the interval to the first (and possibly only) exercise date in the exercise period.

Type: [int](#)

Used in components: [ProvisionOptionExerciseDates](#)

#### 170.2.4331 ProvisionOptionExerciseEarliestDateOffsetUnit

Time unit associated with the interval to the first (and possibly only) exercise date in the exercise period.

Type: [String](#)

Allowed values in ProvisionOptionExerciseEarliestDateOffsetUnitCodeSet:

Code	Name	Description
D	Day	Day
Wk	Week	Week
Mo	Month	Month
Yr	Year	Year

Used in components: [ProvisionOptionExerciseDates](#)

**170.2.4332 ProvisionOptionExerciseEarliestTime**

The earliest time at which notice of exercise can be given by the buyer to the seller (or seller's agent) i) on the expiration date, in the case of a European style option, (ii) on each bermuda option exercise date and the expiration date, in the case of a Bermuda style option the commencement date to, and including, the expiration date, in the case of an American option.

Type: [LocalMktTime](#)

Used in components: [ProvisionOptionExerciseDates](#)

**170.2.4333 ProvisionOptionExerciseEarliestTimeBusinessCenter**

Identifies the business center calendar used with the provision's earliest time for notice of exercise.

See <http://www.fpml.org/coding-scheme/business-center> for standard 4-character code values.

Type: [String](#)

Used in components: [ProvisionOptionExerciseDates](#)

**170.2.4334 ProvisionOptionExerciseFixedDate**

A predetermined option exercise date, unadjusted or adjusted depending on ProvisionOptionExerciseFixedDateType(40144).

Type: [LocalMktDate](#)

Used in groups: [ProvisionOptionExerciseFixedDateGrp](#)

**170.2.4335 ProvisionOptionExerciseFixedDateGrp**

The ProvisionOptionExerciseFixedDateGrp is a repeating component within the ProvisionOptionExerciseDates component used to report an array of unadjusted or adjusted fixed exercise dates.

---

Name	Mult.	Type	Description
<a href="#">NoProvisionOptionExerciseFixedDates</a>	[1..1]	NumInGroup	
<a href="#">ProvisionOptionExerciseFixedDate</a>	[0..1]	LocalMktDate	Required if NoProvisionOptionExerciseFixedDates (40142) > 0.
<a href="#">ProvisionOptionExerciseFixedDate-Type</a>	[0..1]	CodeSet	When specified it applies not only to the current date but to all subsequent dates in the group until overridden with a new type.

---

Used in components: [ProvisionOptionExerciseDates](#)

### **170.2.4336 ProvisionOptionExerciseFixedDateType**

Specifies the type of date (e.g. adjusted for holidays).

Type: [int](#)

Allowed values in ProvisionOptionExerciseFixedDateTypeCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	Unadjusted	Unadjusted
1	Adjusted	Adjusted

---

Used in groups: [ProvisionOptionExerciseFixedDateGrp](#)

### **170.2.4337 ProvisionOptionExerciseFrequencyPeriod**

Time unit multiplier for the frequency of subsequent exercise dates in the exercise period following the earliest exercise date. An interval of 1 day should be used to indicate an American style exercise period.

Type: [int](#)

Used in components: [ProvisionOptionExerciseDates](#)

### **170.2.4338 ProvisionOptionExerciseFrequencyUnit**

Time unit associated with the frequency of subsequent exercise dates in the exercise period following the earliest exercise date.

Type: [String](#)

Allowed values in CouponFrequencyUnitCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
D	Day	Day
Wk	Week	Week
Mo	Month	Month

---

---

Code	Name	Description
Yr	Year	Year
H	Hour	Hour
Min	Minute	Minute
S	Second	Second
T	Term	Term

---

Used in components: [ProvisionOptionExerciseDates](#)

#### **170.2.4339 ProvisionOptionExerciseLatestTime**

For a Bermuda or American style option, the latest time on an exercise business day (excluding the expiration date) within the exercise period that notice can be given by the buyer to the seller or seller's agent. Notice of exercise given after this time will be deemed to have been given on the next exercise business day.

Type: [LocalMktTime](#)

Used in components: [ProvisionOptionExerciseDates](#)

#### **170.2.4340 ProvisionOptionExerciseLatestTimeBusinessCenter**

Identifies the business center calendar used with the provision's latest time for notice of exercise.

See <http://www.fpml.org/coding-scheme/business-center> for standard 4-character code values.

Type: [String](#)

Used in components: [ProvisionOptionExerciseDates](#)

#### **170.2.4341 ProvisionOptionExerciseMaximumNotional**

The maximum notional amount that can be exercised on a given exercise date.

Type: [Amt](#)

Used in groups: [ProvisionGrp](#)



**170.2.4342 ProvisionOptionExerciseMinimumNotional**

The minimum notional amount that can be exercised on a given exercise date.

Type: **Amt**

Used in groups: **ProvisionGrp**

**170.2.4343 ProvisionOptionExerciseMultipleNotional**

A notional amount which restricts the amount of notional that can be exercised when partial exercise or multiple exercise is applicable. The integral multiple amount defines a lower limit of notional that can be exercised and also defines a unit multiple of notional that can be exercised, i.e. only integer multiples of this amount can be exercised.

Type: **Amt**

Used in groups: **ProvisionGrp**

**170.2.4344 ProvisionOptionExercisePeriodSkip**

The number of periods in the referenced date schedule that are between each date in the relative date schedule. Thus a skip of 2 would mean that dates are relative to every second date in the referenced schedule. If present this should have a value greater than 1.

Type: **int**

Used in components: **ProvisionOptionExerciseDates**

**170.2.4345 ProvisionOptionExerciseStartDateAdjusted**

The adjusted first day of the exercise period for an American style option.

Type: **LocalMktDate**

Used in components: **ProvisionOptionExerciseDates**

**170.2.4346 ProvisionOptionExerciseStartDateOffsetDayType**

Specifies the day type of the provision's relative option exercise start date offset.

Type: **int**

Allowed values in PaymentStreamPaymentDateOffsetDayTypeCodeSet:

Code	Name	Description
0	Business	Business
1	Calendar	Calendar
2	CommodityBusiness	Commodity business
3	CurrencyBusiness	Currency business
4	ExchangeBusiness	Exchange business
5	ScheduledTradingDay	Scheduled trading day

Used in components: [ProvisionOptionExerciseDates](#)

#### **170.2.4347 ProvisionOptionExerciseStartDateOffsetPeriod**

Time unit multiplier for the relative option exercise start date offset.

Type: [int](#)

Used in components: [ProvisionOptionExerciseDates](#)

#### **170.2.4348 ProvisionOptionExerciseStartDateOffsetUnit**

Time unit associated with the relative option exercise start date offset.

Type: [String](#)

Allowed values in PaymentStreamPaymentDateOffsetUnitCodeSet:

Code	Name	Description
D	Day	Day
Wk	Week	Week
Mo	Month	Month
Yr	Year	Year

Used in components: [ProvisionOptionExerciseDates](#)

**170.2.4349 ProvisionOptionExerciseStartDateRelativeTo**

Specifies the anchor date when the option exercise start date is relative to an anchor date.

See [http://www.fixtradingcommunity.org/codelists#Relative\\_To\\_Date](http://www.fixtradingcommunity.org/codelists#Relative_To_Date) for values.

Type: **int**

Used in components: **ProvisionOptionExerciseDates**

**170.2.4350 ProvisionOptionExerciseStartDateUnadjusted**

The unadjusted first day of the exercise period for an American style option.

Type: **LocalMktDate**

Used in components: **ProvisionOptionExerciseDates**

**170.2.4351 ProvisionOptionExerciseStyle**

The instrument provision option's exercise style.

Type: **int**

Allowed values in ExerciseStyleCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	European	European
1	American	American
2	Bermuda	Bermuda
99	Other	Other

---

Used in groups: **ProvisionGrp**

**170.2.4352 ProvisionOptionExpirationDateAdjusted**

The adjusted last date within an exercise period for an American style option. For a European style option it is the only date within the exercise period.

Type: **LocalMktDate**

Used in components: **ProvisionOptionExpirationDate**

**170.2.4353 ProvisionOptionExpirationDateBusinessCenter**

The business center calendar used to adjust the instrument's provision's option expiration date, e.g. "GBLO".

See <http://www.fpml.org/coding-scheme/business-center> for standard 4-character code values.

Type: **String**

Used in groups: **ProvisionOptionExpirationDateBusinessCenterGrp**

**170.2.4354 ProvisionOptionExpirationDateBusinessCenterGrp**

ProvisionOptionExpirationDateBusinessCenterGrp is a repeating subcomponent within the ProvisionOptionExpirationDate component. It is used to specify the set of business centers whose calendars drive the date adjustment. Used only to override the business centers defined in the DateAdjustment component in Instrument.

Name	Mult.	Type	Description
NoProvisionOptionExpirationDateBusinessCenters	[1..1]	NumInGroup	
ProvisionOptionExpirationDateBusinessCenter	[0..1]	String	Required if NoProvisionOptionExpirationDateBusinessCenters(40955) > 0.

Used in components: **ProvisionOptionExpirationDate**

**170.2.4355 ProvisionOptionExpirationDateBusinessDayConvention**

The business day convention used to adjust the instrument's provision's option expiration date. Used only to override the business day convention specified in the DateAdjustment component within the Instrument component.

Type: **int**

Allowed values in BusinessDayConventionCodeSet:

Code	Name	Description
0	NotApplicable	Not applicable. Business day convention is not applicable.
1	None	None (current day)

Code	Name	Description
2	FollowingDay	Following day. The following business day.
3	FloatingRateNote	Floating rate note. The FRN business day convention.
4	ModifiedFollowingDay	Modified following day. The modified following business day.
5	PrecedingDay	Preceding day. The preceding business day.
6	ModifiedPrecedingDay	Modified preceding day. The modified preceding business day.
7	NearestDay	Nearest day. The nearest applicable business day.

Used in components: [ProvisionOptionExpirationDate](#)

### 170.2.4356 ProvisionOptionExpirationDate

The ProvisionOptionExerciseDate is a subcomponent within the ProvisionGrp component used to report the option expiration date and times defined in the provision.

Name	Mult.	Type	Description
<a href="#">ProvisionOptionExpirationDateUnadjusted</a>	[0..1]	LocalMktDate	
<a href="#">ProvisionOptionExpirationDateBusinessDayConvention</a>	[0..1]	CodeSet	When specified, this overrides the business day convention defined in the DateAdjustment component in Instrument. The specified value would be specific to this instance of the provisional option expiration date.
<a href="#">ProvisionOptionExpirationDateBusinessCenterGrp</a>	[0..*]	Group	When specified, this overrides the business centers defined in the DateAdjustment component in Instrument. The specified values would be specific to this instance of the provisional option expiration date.
<a href="#">ProvisionOptionExpirationDateRelativeTo</a>	[0..1]	int	
<a href="#">ProvisionOptionExpirationDateOffsetPeriod</a>	[0..1]	int	Conditionally required when ProvisionOptionExpirationDateOffsetUnit(40150) is specified.
<a href="#">ProvisionOptionExpirationDateOffsetUnit</a>	[0..1]	CodeSet	Conditionally required when ProvisionOptionExpirationDateOffsetPeriod(40149) is specified.
<a href="#">ProvisionOptionExpirationDateOffsetDayType</a>	[0..1]	CodeSet	

Name	Mult.	Type	Description
ProvisionOptionExpirationDateAdjusted	[0..1]	LocalMktDate	
ProvisionOptionExpirationTime	[0..1]	LocalMktTime	
ProvisionOptionExpirationTimeBusinessCenter	[0..1]	String	

Used in groups: [ProvisionGrp](#)

### 170.2.4357 ProvisionOptionExpirationDateOffsetDayType

Specifies the day type of the provision's relative option expiration date offset.

Type: [int](#)

Allowed values in PaymentStreamPaymentDateOffsetDayTypeCodeSet:

Code	Name	Description
0	Business	Business
1	Calendar	Calendar
2	CommodityBusiness	Commodity business
3	CurrencyBusiness	Currency business
4	ExchangeBusiness	Exchange business
5	ScheduledTradingDay	Scheduled trading day

Used in components: [ProvisionOptionExpirationDate](#)

### 170.2.4358 ProvisionOptionExpirationDateOffsetPeriod

Time unit multiplier for the relative option expiration date offset.

Type: [int](#)

Used in components: [ProvisionOptionExpirationDate](#)

**170.2.4359 ProvisionOptionExpirationDateOffsetUnit**

Time unit associated with the relative option expiration date offset.

Type: **String**

Allowed values in PaymentStreamPaymentDateOffsetUnitCodeSet:

---

Code	Name	Description
D	Day	Day
Wk	Week	Week
Mo	Month	Month
Yr	Year	Year

---

Used in components: **ProvisionOptionExpirationDate**

**170.2.4360 ProvisionOptionExpirationDateRelativeTo**

Specifies the anchor date when the option expiration date is relative to an anchor date.

See [http://www.fixtradingcommunity.org/codelists#Relative\\_To\\_Date](http://www.fixtradingcommunity.org/codelists#Relative_To_Date) for values.

Type: **int**

Used in components: **ProvisionOptionExpirationDate**

**170.2.4361 ProvisionOptionExpirationDateUnadjusted**

The unadjusted last day within an exercise period for an American style option. For a European style option it is the only day within the exercise period.

Type: **LocalMktDate**

Used in components: **ProvisionOptionExpirationDate**

**170.2.4362 ProvisionOptionExpirationTime**

The latest time for exercise on the expiration date.

Type: **LocalMktTime**

Used in components: **ProvisionOptionExpirationDate**

#### **170.2.4363 ProvisionOptionExpirationTimeBusinessCenter**

Identifies the business center calendar used with the provision's latest exercise time on expiration date.

See <http://www.fpml.org/coding-scheme/business-center> for standard 4-character code values.

Type: **String**

Used in components: **ProvisionOptionExpirationDate**

#### **170.2.4364 ProvisionOptionMaximumNumber**

The maximum number of options that can be exercised on a given exercise date. If the number is not specified, it means that the maximum number of options corresponds to the remaining unexercised options.

Type: **int**

Used in groups: **ProvisionGrp**

#### **170.2.4365 ProvisionOptionMinimumNumber**

The minimum number of options that can be exercised on a given exercise date.

Type: **int**

Used in groups: **ProvisionGrp**

#### **170.2.4366 ProvisionOptionRelevantUnderlyingDateAdjusted**

The adjusted date on the underlying set by the exercise of an option. What this date is depends on the option (e.g. in a swaption it is the swap effective date, in an extendible/cancelable provision it is the swap termination date).

Type: **LocalMktDate**

Used in components: **ProvisionOptionRelevantUnderlyingDate**

#### **170.2.4367 ProvisionOptionRelevantUnderlyingDateBusinessCenter**

The business center calendar used to adjust the instrument's provision's option underlying date, e.g. "GBLO".



See <http://www.fpml.org/coding-scheme/business-center> for standard 4-character code values.

Type: **String**

Used in groups: **ProvisionOptionRelevantUnderlyingDateBusinessCenterGrp**

### 170.2.4368 ProvisionOptionRelevantUnderlyingDateBusinessCenterGrp

ProvisionOptionRelevantUnderlyingDateBusinessCenterGrp is a repeating subcomponent within the ProvisionOptionRelevantUnderlyingDate component. It is used to specify the set of business centers whose calendars drive date adjustment. Used only to override the business centers defined in the DateAdjustment component in Instrument.

Name	Mult.	Type	Description
NoProvisionOptionRelevantUnderlyingDateBusinessCenters	[1..1]	NumInGroup	
ProvisionOptionRelevantUnderlyingDateBusinessCenter	[0..1]	String	Required if NoProvisionOptionRelevantUnderlyingDateBusinessCenters(40956) > 0.

Used in components: **ProvisionOptionRelevantUnderlyingDate**

### 170.2.4369 ProvisionOptionRelevantUnderlyingDateBusinessDayConvention

The business day convention used to adjust the instrument's provision's option underlying date. Used only to override the business day convention specified in the DateAdjustment component within the Instrument component.

Type: **int**

Allowed values in BusinessDayConventionCodeSet:

Code	Name	Description
0	NotApplicable	Not applicable. Business day convention is not applicable.
1	None	None (current day)
2	FollowingDay	Following day. The following business day.
3	FloatingRateNote	Floating rate note. The FRN business day convention.
4	ModifiedFollowingDay	Modified following day. The modified following business day.
5	PrecedingDay	Preceding day. The preceding business day.

Code	Name	Description
6	ModifiedPrecedingDay	Modified preceding day. The modified preceding business day.
7	NearestDay	Nearest day. The nearest applicable business day.

Used in components: [ProvisionOptionRelevantUnderlyingDate](#)

### 170.2.4370 ProvisionOptionRelevantUnderlyingDate

The ProvisionOptionRelevantUnderlyingDate is a subcomponent within the ProvisionGrp component used to report the option relevant underlying date defined in the provision.

Name	Mult.	Type	Description
<a href="#">ProvisionOptionRelevantUnderlying-DateUnadjusted</a>	[0..1]	LocalMktDate	
<a href="#">ProvisionOptionRelevantUnderlying-DateBusinessDayConvention</a>	[0..1]	CodeSet	When specified, this overrides the business day convention defined in the DateAdjustment component in Instrument. The specified value would be specific to this instance of the provisional option relevant underlying date.
<a href="#">ProvisionOptionRelevantUnderlying-DateBusinessCenterGrp</a>	[0..*]	Group	When specified, this overrides the business centers defined in the DateAdjustment component in Instrument. The specified values would be specific to this instance of the provisional option relevant underlying date.
<a href="#">ProvisionOptionRelevantUnderlying-DateRelativeTo</a>	[0..1]	int	
<a href="#">ProvisionOptionRelevantUnderlying-DateOffsetPeriod</a>	[0..1]	int	Conditionally required when ProvisionOptionRelevantUnderlyingDateOffsetUnit(40160) is specified.
<a href="#">ProvisionOptionRelevantUnderlying-DateOffsetUnit</a>	[0..1]	CodeSet	Conditionally required when ProvisionOptionRelevantUnderlyingDateOffsetPeriod(40159) is specified.
<a href="#">ProvisionOptionRelevantUnderlying-DateOffsetDayType</a>	[0..1]	CodeSet	
<a href="#">ProvisionOptionRelevantUnderlying-DateAdjusted</a>	[0..1]	LocalMktDate	

Used in groups: [ProvisionGrp](#)

**170.2.4371 ProvisionOptionRelevantUnderlyingDateOffsetDayType**

Specifies the day type of the provision's relative option relevant underlying date offset.

Type: **int**

Allowed values in PaymentStreamPaymentDateOffsetDayTypeCodeSet:

---

Code	Name	Description
0	Business	Business
1	Calendar	Calendar
2	CommodityBusiness	Commodity business
3	CurrencyBusiness	Currency business
4	ExchangeBusiness	Exchange business
5	ScheduledTradingDay	Scheduled trading day

---

Used in components: [ProvisionOptionRelevantUnderlyingDate](#)

**170.2.4372 ProvisionOptionRelevantUnderlyingDateOffsetPeriod**

Time unit multiplier for the relative option relevant underlying date offset.

Type: **int**

Used in components: [ProvisionOptionRelevantUnderlyingDate](#)

**170.2.4373 ProvisionOptionRelevantUnderlyingDateOffsetUnit**

Time unit associated with the relative option relevant underlying date offset.

Type: **String**

Allowed values in PaymentStreamPaymentDateOffsetUnitCodeSet:

---

Code	Name	Description
D	Day	Day
Wk	Week	Week
Mo	Month	Month
Yr	Year	Year

---

Used in components: [ProvisionOptionRelevantUnderlyingDate](#)

**170.2.4374 ProvisionOptionRelevantUnderlyingDateRelativeTo**

Specifies the anchor date when the date relevant to the underlying trade on exercise is relative to an anchor date.

See [http://www.fixtradingcommunity.org/codelists#Relative\\_To\\_Date](http://www.fixtradingcommunity.org/codelists#Relative_To_Date) for values.

Type: **int**

Used in components: **ProvisionOptionRelevantUnderlyingDate**

**170.2.4375 ProvisionOptionRelevantUnderlyingDateUnadjusted**

The unadjusted date on the underlying set by the exercise of an option. What this date is depends on the option (e.g. in a swaption it is the swap effective date, in an extendible/cancelable provision it is the swap termination date).

Type: **LocalMktDate**

Used in components: **ProvisionOptionRelevantUnderlyingDate**

**170.2.4376 ProvisionOptionSinglePartyBuyerSide**

If optional early termination is not available to both parties then this component identifies the buyer of the option through its side of the trade.

Type: **int**

Allowed values in ProvisionOptionSinglePartyBuyerSideCodeSet:

---

Code	Name	Description
1	Buy	Buy
2	Sell	Sell

---

Used in groups: **ProvisionGrp**

**170.2.4377 ProvisionOptionSinglePartySellerSide**

If optional early termination is not available to both parties then this component identifies the seller of the option through its side of the trade.

Type: **int**

Allowed values in ProvisionOptionSinglePartyBuyerSideCodeSet:

Code	Name	Description
1	Buy	Buy
2	Sell	Sell

Used in groups: [ProvisionGrp](#)

### 170.2.4378 ProvisionParties

ProvisionParties is a repeating component within the Provision component used to report the parties identified in the contract provision.

Name	Mult.	Type	Description
<a href="#">NoProvisionPartyIDs</a>	[1..1]	NumInGroup	
<a href="#">ProvisionPartyID</a>	[0..1]	String	Required if NoProvisionPartyIDs(40174) > 0.
<a href="#">ProvisionPartyIDSource</a>	[0..1]	CodeSet	Required if NoProvisionPartyIDs(40174) > 0.
<a href="#">ProvisionPartyRole</a>	[0..1]	CodeSet	Required if NoProvisionPartyIDs(40174) > 0.
<a href="#">ProvisionPartyRoleQualifier</a>	[0..1]	CodeSet	
<a href="#">ProvisionPtysSubGrp</a>	[0..*]	Group	

Used in groups: [ProvisionGrp](#)

### 170.2.4379 ProvisionPartyID

The party identifier/code for the payment settlement party.

Type: [String](#)

Used in groups: [ProvisionParties](#)

### 170.2.4380 ProvisionPartyIDSource

Identifies class or source of the ProvisionPartyID(40175) value.

Type: [char](#)

Allowed values in PartyIDSourceCodeSet:

Code	Name	Description
1	KoreanInvestorID	Korean Investor ID
6	UKNationalInsuranceOrPension-Number	UK National Insurance or Pension Number
B	BIC	BIC (Bank Identification Code - SWIFT managed) code (ISO9362 - See "Appendix 6-B")
I	ISITCAcronym	Directed broker three character acronym as defined in ISITC "ETC Best Practice" guidelines document
2	TaiwaneseForeignInvestorID	Taiwanese Qualified Foreign Investor ID QFII/FID
7	USSocialSecurityNumber	US Social Security Number
C	GeneralIdentifier	Generally accepted market participant identifier (e.g. NASD mnemonic)
3	TaiwaneseTradingAcct	Taiwanese Trading Acct
8	USEmployerOrTaxIDNumber	US Employer or Tax ID Number
D	Proprietary	Proprietary / Custom code. Custom ID schema used between counterparties, trading platforms and repositories.
4	MalaysianCentralDepository	Malaysian Central Depository (MCD) number
9	AustralianBusinessNumber	Australian Business Number
E	ISOCountryCode	ISO Country Code
5	ChineseInvestorID	Chinese Investor ID
A	AustralianTaxFileNumber	Australian Tax File Number
F	SettlementEntityLocation	Settlement Entity Location (note if Local Market Settlement use "E=ISO Country Code") (see "Appendix 6-G" for valid values)
G	MIC	Market Identifier Code (ISO 10383) MIC
J	TaxID	Tax ID
H	CSDParticipant	CSD participant/member code (e.g. Euroclear, DTC, CREST or Kassenverein number)
K	AustralianCompanyNumber	Australian Company Number
L	AustralianRegisteredBodyNumber	Australian Registered Body Number
M	CFTCReportingFirmIdentifier	CFTC reporting firm identifier
N	LegalEntityIdentifier	Legal Entity Identifier (ISO 17442) LEI
O	InterimIdentifier	Interim identifier. An interim entity identifier assigned by a regulatory agency prior to an LEI (ISO 17442) being assigned.
P	ShortCodeIdentifier	Short code identifier. A generic means for trading venues, brokers, investment managers to convey a bilaterally agreed upon "short hand" code for an identifier that is a reference to a mapping between the parties.

Code	Name	Description
Q	NationalIDNaturalPerson	National ID of natural person. An identification number generally assigned by a government authority or agency to a natural person which is unique to the person it is assigned to. Examples include, but not limited to, "social security number", "pension number".
R	IndiaPermanentAccountNumber	India Permanent Account Number. Also referred to as PAN ID. An identifier issued by the Income Tax Department of India.
S	FDID	Firm designated identifier. Also referred to as FDID. A unique identifier required by the SEC for each trading account designated by Industry Members for purposes of reporting to CAT (Consolidated Audit Trail).
T	SPSAID	Special Segregated Account ID. Also referred to as SPSA ID. The Special Segregated Account identifier issued by Hong Kong Exchanges and Clearing.
U	MasterSPSAID	Master Special Segregated Account ID. Also referred to as Master SPSA ID. The master identifier issued by Hong Kong Exchanges and Clearing for the aggregation of SPSA IDs.

Used in groups: [ProvisionParties](#)

### 170.2.4381 ProvisionPartyRole

Identifies the type or role of ProvisionPartyID(40175) specified.

Type: [int](#)

Allowed values in PartyRoleCodeSet:

Code	Name	Description
1	ExecutingFirm	Executing Firm (formerly FIX 4.2 ExecBroker)
2	BrokerOfCredit	Broker of Credit (formerly FIX 4.2 BrokerOfCredit)
3	ClientID	Client ID (formerly FIX 4.2 ClientID)
4	ClearingFirm	Clearing Firm (formerly FIX 4.2 ClearingFirm)
5	InvestorID	Investor ID
6	IntroducingFirm	Introducing Firm
7	EnteringFirm	Entering Firm
8	Locate	Locate / Lending Firm (for short-sales)
9	FundManagerClientID	Fund Manager Client ID (for CIV)

<b>Code</b>	<b>Name</b>	<b>Description</b>
10	SettlementLocation	Settlement Location (formerly FIX 4.2 SettlLocation)
11	OrderOriginationTrader	Order Origination Trader (associated with Order Origination Firm - i.e. trader who initiates/submits the order)
12	ExecutingTrader	Executing Trader (associated with Executing Firm - actually executes)
13	OrderOriginationFirm	Order Origination Firm (e.g. buy-side firm)
14	GiveupClearingFirmDepr	Giveup Clearing Firm (firm to which trade is given up)
15	CorrespondantClearingFirm	Correspondant Clearing Firm
16	ExecutingSystem	Executing System
17	ContraFirm	Contra Firm
18	ContraClearingFirm	Contra Clearing Firm
19	SponsoringFirm	Sponsoring Firm
20	UnderlyingContraFirm	Underlying Contra Firm
21	ClearingOrganization	Clearing Organization
22	Exchange	Exchange. Identify using PartyIDSource(tag 447) = G (Market Identifier Code) if the MIC exists.
24	CustomerAccount	Customer Account
25	CorrespondentClearingOrganization	Correspondent Clearing Organization
26	CorrespondentBroker	Correspondent Broker
27	Buyer	Buyer/Seller (Receiver/Deliverer)
28	Custodian	Custodian
29	Intermediary	Intermediary
30	Agent	Agent
31	SubCustodian	Sub-custodian
32	Beneficiary	Beneficiary
33	InterestedParty	Interested party
34	RegulatoryBody	Regulatory body. In the context of regulatory reporting, this identifies the regulator the trade is being reported to.
35	LiquidityProvider	Liquidity provider
36	EnteringTrader	Entering trader
37	ContraTrader	Contra trader
38	PositionAccount	Position account. The account which positions are maintained. Typically represents the aggregation of one or more customer accounts.
39	ContraInvestorID	Contra Investor ID
40	TransferToFirm	Transfer to Firm



<b>Code</b>	<b>Name</b>	<b>Description</b>
41	ContraPositionAccount	Contra Position Account
42	ContraExchange	Contra Exchange
43	InternalCarryAccount	Internal Carry Account
44	OrderEntryOperatorID	Order Entry Operator ID
45	SecondaryAccountNumber	Secondary Account Number
46	ForeignFirm	Foreign Firm
47	ThirdPartyAllocationFirm	Third Party Allocation Firm
48	ClaimingAccount	Claiming Account
49	AssetManager	Asset Manager
50	PledgorAccount	Pledgor Account
51	PledgeeAccount	Pledgee Account
52	LargeTraderReportableAccount	Large Trader Reportable Account
53	TraderMnemonic	Trader mnemonic
54	SenderLocation	Sender Location
55	SessionID	Session ID
56	AcceptableCounterparty	Acceptable Counterparty
57	UnacceptableCounterparty	Unacceptable Counterparty
58	EnteringUnit	Entering Unit
59	ExecutingUnit	Executing Unit
60	IntroducingBroker	Introducing Broker
61	QuoteOriginator	Quote originator
62	ReportOriginator	Report originator
63	SystematicInternaliser	Systematic internaliser (SI)
64	MultilateralTradingFacility	Multilateral Trading Facility (MTF). Identify using PartyIDSource(tag 447) = G (Market Identifier Code) if the MIC exists.
65	RegulatedMarket	Regulated Market (RM). Identify using PartyIDSource(tag 447) = G (Market Identifier Code) if the MIC exists.
66	MarketMaker	Market Maker
67	InvestmentFirm	Investment Firm
68	HostCompetentAuthority	Host Competent Authority (Host CA)
69	HomeCompetentAuthority	Home Competent Authority (Home CA)
70	CompetentAuthorityLiquidity	Competent Authority of the most relevant market in terms of liquidity (CAL)

<b>Code</b>	<b>Name</b>	<b>Description</b>
71	CompetentAuthorityTransactionV- enue	Competent Authority of the Transaction (Execution) Venue (CATV)
72	ReportingIntermediary	Reporting intermediary. The medium or vendor used to report to a regulator, non-regulatory agency or data repository.
73	ExecutionVenue	Execution Venue. Identify using PartyIDSource(tag 447) = G (Market Identifier Code) if the MIC exists.
74	MarketDataEntryOriginator	Market data entry originator
75	LocationID	Location ID
76	DeskID	Desk ID
77	MarketDataMarket	Market data market
78	AllocationEntity	Allocation Entity
79	PrimeBroker	Prime Broker providing General Trade Services
80	StepOutFirm	Step-Out Firm (Prime Broker)
81	BrokerClearingID	Broker clearing identifier
82	CentralRegistrationDepository	Central Registration Depository (CRD)
83	ClearingAccount	Clearing Account
84	AcceptableSettlingCounterparty	Acceptable Settling Counterparty
85	UnacceptableSettlingCounterparty	Unacceptable Settling Counterparty
86	CLSMemberBank	CLS Member Bank
87	InConcertGroup	In Concert Group
88	InConcertControllingEntity	In Concert Controlling Entity
89	LargePositionsReportingAccount	Large Positions Reporting Account
90	SettlementFirm	Settlement Firm
91	SettlementAccount	Settlement account. The account to which individual payment obligations are aggregated for netting and funds movement. Typically represents the aggregation of many margin (performance bond) accounts.
92	ReportingMarketCenter	Reporting Market Center
93	RelatedReportingMarketCenter	Related Reporting Market Center
94	AwayMarket	Away Market. Identify using PartyIDSource(tag 447) = G (Market Identifier Code) if the MIC exists.
95	GiveupTradingFirm	Give-up (trading) firm
96	TakeupTradingFirm	Take-up (trading) firm
97	GiveupClearingFirm	Give-up clearing firm
98	TakeupClearingFirm	Take-up clearing firm

<b>Code</b>	<b>Name</b>	<b>Description</b>
99	OriginatingMarket	Originating Market. Identifies the Market using PartyIDSource(tag 447) = G (Market Identifier Code) where an order originated in the event that the order is sent to an alternative market for execution. Serves as an inverse of an away market.
100	MarginAccount	Margin account. Also referred to as "performance bond account". The margin account is the calculated margin requirements. Typically represents the aggregation of one or more position accounts.
101	CollateralAssetAccount	Collateral asset account. The account at which individual collateral assets are maintained. Typically, although not always, one-for-one with the settlement account.
102	DataRepository	Data repository. Multiple instances of this PartyRole may appear for reporting purposes.
103	CalculationAgent	Calculation agent
104	ExerciseNoticeSender	Sender of exercise notice
105	ExerciseNoticeReceiver	Receiver of exercise notice
106	RateReferenceBank	Rate reference bank. The bank providing the reference rate. Multiple instance of this PartyRole may appear.
107	Correspondent	Correspondent
109	BeneficiaryBank	Beneficiary's bank or depository institution. The institution in which the beneficiary, a person or an entity, has their account with. The institution may be a bank or non-bank institution.
110	Borrower	Borrower
111	PrimaryObligator	Primary obligator
112	Guarantor	Guarantor
113	ExcludedReferenceEntity	Excluded reference entity
114	DeterminingParty	Determining party
115	HedgingParty	Hedging party
116	ReportingEntity	Reporting entity. The entity that is reporting the information.
117	SalesPerson	Sales person. The person who is involved in the sales activities for their firm.
118	Operator	Operator. The person who has the capabilities and authorization to take certain actions; for example, setting entitlements, etc.
119	CSD	Central Securities Depository (CSD)
120	ICSD	International Central Securities Depository (ICSD)

Code	Name	Description
121	TradingSubAccount	Trading sub-account. Example of sub-accounts include a clearing account that has multiple trading sub-accounts, a trading account that has multiple trading sub-accounts belonging to different trading firms.
122	InvestmentDecisionMaker	Investment decision maker. In the context of ESMA RTS reporting, this is used to specify party responsible for the investment decision. See RTS 24, Annex, Table 2, Field 4.
123	PublishingIntermediary	Publishing intermediary. The medium or vendor used to publish to the market.
124	CSDParticipant	Central Securities Depository (CSD) Participant. In the context of EU SFTR reporting the identifier of the CSD participant or indirect participant of the reporting counterparty. Where both the CSD participant and indirect participant are involved in the transaction this should identify the indirect participant.
125	Issuer	Issuer. The issuer of the security.
126	ContraCustomerAccount	Contra Customer Account. Same as PartyRole(452) = 24 (Customer Account) but for the counterparty. Can be used whenever the parties component is not nested in a repeating group representing both sides.
127	ContraInvestmentDecisionMaker	Contra Investment Decision Maker. Same as PartyRole(452) = 122 (Investment Decision Maker) but for the counterparty. Can be used whenever the parties component is not nested in a repeating group representing both sides.

Used in groups: [ProvisionParties](#)

### 170.2.4382 ProvisionPartyRoleQualifier

Used to further qualify the value of ProvisionPartyRole(40177).

Type: [int](#)

Allowed values in PartyDetailRoleQualifierCodeSet:

Code	Name	Description
0	Agency	Agency
1	Principal	Principal
2	RisklessPrincipal	Riskless principal
3	GeneralClearingMember	General clearing member

<b>Code</b>	<b>Name</b>	<b>Description</b>
30	ExchangeOrderSubmitter	Exchange order submitter. Used to identify original or initial exchange order submitting broker when party role "1" (Executing Firm) appears more than once.
4	IndividualClearingMember	Individual clearing member
5	PreferredMarketMaker	Preferred market maker. Market maker getting a part of the matched quantity before primary or default market maker.
6	DirectedMarketMaker	Directed market maker. Single market maker to handle the order provided.
7	Bank	Bank
8	Hub	Hub. Indicates that the Intermediary party is a hub system or service provider.
9	PrimaryTrdRepository	Primary trade repository. Used to differentiate the principal trade repository from the Original or Additional trade repositories when there are multiple trade repositories being reported.
10	OrigTrdRepository	Original trade repository. Used to identify the trade repository to which the trade was originally reported if different from the current repository to which the trade is being reported.
11	AddnlIntlTrdRepository	Additional international trade repository. Used with InternationalSwapIndicator(2526) to identify the trade repository that is in addition to the local swaps data repository as required by U.S. law.
12	AddnlDomesticTrdRepository	Additional domestic trade repository. Used with MixedSwapIndicator(1929) to identify the trade repository that is in addition to the current trade repository when the assets in the swap are subject to two different domestic regulators.
13	RelatedExchange	Related exchange
14	OptionsExchange	Options exchange
15	SpecifiedExchange	Specified exchange
16	ConstituentExchange	Constituent exchange.
17	ExemptFromTradeReporting	Exempt from trade reporting. In the context of FINRA TRACE reporting requirements, this is used to indicate the ATS has been granted a regulatory exemption from reporting.
18	Current	Current. Can be used to convey an existing party identifier for the same party role in a single message.
19	New	New. Can be used to convey a future party identifier for the same party role in a single message.
20	DesignatedSponsor	Designated sponsor. Market maker jointly providing liquidity for the same security with other market makers.

Code	Name	Description
21	Specialist	Specialist. Market maker being the only one providing liquidity for a security.
22	Algorithm	Algorithm
23	FirmOrLegalEntity	Firm or legal entity
24	NaturalPerson	Natural person
25	RegularTrader	Regular trader. Standard trader profile.
26	HeadTrader	Head trader. Senior trader leading a group of regular traders.
27	Supervisor	Supervisor. Administrative user that has only limited rights for normal trading but possibly special rights for emergency actions.
28	TriParty	Tri-party. In the context of EU SFTR reporting, identifies the third party, not necessarily the custodian, to which the reporting counterparty has outsourced the post-trade processing of an SFT (if applicable).
29	Lender	Lender. In the context of EU SFTR reporting, identifies the agent lender involved in the securities lending transaction.

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Used in groups: [ProvisionParties](#)

#### **170.2.4383 ProvisionPartySubID**

Party sub-identifier, if applicable, for ProvisionPartyID(40175).

Type: [String](#)

Used in groups: [ProvisionPtysSubGrp](#)

#### **170.2.4384 ProvisionPartySubIDType**

The type of ProvisionPartySubID(40179).

Type: [int](#)

Allowed values in PartySubIDTypeCodeSet:

Code	Name	Description
1	Firm	Firm
2	Person	Person

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<b>Code</b>	<b>Name</b>	<b>Description</b>
3	System	System
4	Application	Application
5	FullLegalNameOfFirm	Full legal name of firm
6	PostalAddress	Postal address
7	PhoneNumber	Phone number
8	EmailAddress	Email address
9	ContactName	Contact name
10	SecuritiesAccountNumber	Securities account number (for settlement instructions)
11	RegistrationNumber	Registration number (for settlement instructions and confirmations)
12	RegisteredAddressForConfirmation	Registered address (for confirmation purposes)
13	RegulatoryStatus	Regulatory status (for confirmation purposes)
14	RegistrationName	Registration name (for settlement instructions)
15	CashAccountNumber	Cash account number (for settlement instructions)
16	BIC	BIC
17	CSDParticipantMemberCode	CSD participant member code
18	RegisteredAddress	Registered address
19	FundAccountName	Fund account name
20	TelexNumber	Telex number
21	FaxNumber	Fax number
22	SecuritiesAccountName	Securities account name
23	CashAccountName	Cash account name
24	Department	Department
25	LocationDesk	Location desk
26	PositionAccountType	Position account type
27	SecurityLocateID	Security locate ID
28	MarketMaker	Market maker
29	EligibleCounterparty	Eligible counterparty
30	ProfessionalClient	Professional client
31	Location	Location
32	ExecutionVenue	Execution venue
33	CurrencyDeliveryIdentifier	Currency delivery identifier
34	AddressCity	Address City
35	AddressStateOrProvince	Address State/Province

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<b>Code</b>	<b>Name</b>	<b>Description</b>
36	AddressPostalCode	Address Postal Code
37	AddressStreet	Address Street
38	AddressISOCountryCode	Address Country (ISO country code)
39	ISOCountryCode	ISO country code
40	MarketSegment	Market segment
41	CustomerAccountType	Customer account type
42	OmnibusAccount	Omnibus account
43	FundsSegregationType	Funds segregation type
44	GuaranteeFund	Guarantee fund. Identifies a guarantee fund related to an account. Used when one account has multiple funds of collateral, each guaranteeing different positions. Can be used for PartyRole(452) = Customer Account(24).
45	SwapDealer	Swap dealer. The US regulator's defined term for identifying the trade counterparty as "any person who holds itself out as a dealer in swaps, makes a market in swaps, regularly enters into swaps with counterparties as an ordinary course of business for its own account, or engages in activity causing itself to be commonly known in the trade as a dealer or market maker in swaps".
46	MajorParticipant	Major participant. When PartySubID(523)=Y the counterparty is not the swap dealer but is a major swap participant as defined in the regulations.
47	FinancialEntity	Financial entity. When PartySubID(523)=Y the counterparty is neither a swap dealer nor a major swap participant but is a financial entity as defined in the regulations.
48	USPerson	U.S. person. A legal term referring to any U.S. person or legal entity anywhere in the world that should be taxed under U.S. law.
49	ReportingEntityIndicator	Reporting entity indicator. Indicates the entity obligated or delegated to report to their regulator, a non-regulatory agency or data repository. Set PartySubID(523)=Y if true.
50	ElectedClearingRequirementException	Elected clearing requirement exception
51	BusinessCenter	Business center.
52	ReferenceText	Reference text
53	ShortMarkingExemptAccount	Short-marking exempt account
54	ParentFirmIdentifier	Parent firm identifier. Implementation-specific identifier of this party's parent entity.
55	ParentFirmName	Parent firm name. Full name of this party's parent entity.



Code	Name	Description
56	DealIdentifier	Deal identifier. The internal identifier assigned to the trade by this party, particularly by a Clearing Organization.
57	SystemTradeID	System trade identifier
58	SystemTradeSubID	System trade sub-identifier
59	FCMCode	Futures Commission Merchant (FCM) code. The FCM's code or identifier in relation to the PartyRole(452). For example, if PartyRole(452) is the exchange or clearinghouse, the FCM code/ID specified in PartySubID(523) is the FCM's identifier at the exchange or clearinghouse.
60	DlvryTrmlCode	Delivery terminal customer account/code. Usually used for gas delivery to identify whose account the gas is allocated to at the delivery terminal. Often referred to as "HUB" code.
61	VolntyRptEntity	Voluntary reporting entity. The entity voluntarily reporting the trade to the regulator. Set PartySubID(523)=Y if true.
62	RptObligJurisdiction	Reporting obligation jurisdiction. For a trade that falls under multiple jurisdictions this may be used to identify, through PartySubID(523), the reporting jurisdiction to which the party is obligated to report.
63	VolntyRptJurisdiction	Voluntary reporting jurisdiction. For a trade that falls under multiple jurisdictions this may be used to identify, through PartySubID(523), the regulatory jurisdiction to which the party is submitting a voluntary report.
64	CompanyActivities	Company activities. For regulatory reporting. ID values include: A = Assurance undertaking authorized in accordance with Directive 2002/83/EC C = Credit institution authorized in accordance with Directive 2006/48/EC F = Investment firm in accordance with Directive 2004/39/EC I = Insurance undertaking authorized in accordance with Directive 73/239/EC L = Alternative investment fund managed by AIFMs authorized or registered in accordance with Directive 2011/61/EC O = Institution for occupational retirement provision within the meaning of Article 6(a) of Directive 2003/41/EC R = Reinsurance undertaking authorized in accordance with Directive 2005/68/EC U = UCITS and its management company, authorized in accordance with Directive 2009/65/EC or blank in case of coverage by LEI or in case of non-financial counterparties. In the context of EU SFTR reporting use the appropriate 4- or 1-character code noted in the regulations. See SFTR ITS "Commission Implementing Regulation (EU) 2019/363" Annexes 1 and 2 for values.
65	EEAreaDomiciled	European Economic Area domiciled. ID values: Y or N

<b>Code</b>	<b>Name</b>	<b>Description</b>
66	ContractLinked	Contract linked to commercial or treasury financing for this counterparty. ID values: Y or N
67	ContractAbove	Contract above clearing threshold for this counterparty. ID values: Y or N
68	VolntyRptPty	Voluntary reporting party. When PartySubID(523)=Y, identifies that the trading party is reporting voluntarily when VoluntaryRegulatoryReport(1935)=Y.
69	EndUser	End user. When PartySubID(523)=Y, the counterparty is neither the swap dealer, major swap participant nor financial entity as defined in the regulations.
70	LocationOrJurisdiction	Location or jurisdiction. One or more instances may be used in combination with PartySubIDType(803) = 49 (Reporting entity indicator) or 102 (Data repository) to identify the jurisdiction, countries, regions or provinces for which the party is a reporting entity or data repository when that characteristic is ambiguous or where there are multiple locations. The party sub-ID value is either a jurisdiction acronym, a 2-character ISO 3166 country code, or a hyphenated combination of the country code and the standard post-office abbreviation for province, state or region if necessary. E.g. "US" for United States or "CA-QC" for Quebec Canada.
71	DerivativesDealer	Derivatives dealer. Indicates whether the party is a derivatives dealer or not (Y/N). The Canadian regulator's defined term for identifying the trade counterparty as "a person or company engaging in or holding himself, herself or itself out as engaging in the business of trading in derivatives in Ontario as principal or agent".
72	Domicile	Domicile. Country and optionally province, state or region of domicile. The party sub-ID value is either a 2-character ISO 3166 country code or a hyphenated combination of the country code and the standard post-office abbreviation of province, state or region if necessary. E.g. "US" for United States or "CA-QC" for Quebec Canada.
73	ExemptFromRecognition	Exempt from recognition. Used with party role 21 "Clearing Organization" to indicate exemption (Y/N). Identifies a clearing agency as exempt from oversight in Ontario, i.e. one that 1) only provides limited services and does not present significant risks or 2) is foreign-based, intends to operate in Ontario but is subject to regulatory oversight in another jurisdiction.

Code	Name	Description
74	Payer	Payer. Identifies the party as the payer of a particular payment stream or bullet payment by quoting the stream's StreamDesc(40051) (or LegStreamDesc(40243) or UnderlyingStreamDesc(40542)) or payment's PaymentDesc(43087) in the associated party sub-identifier field.
75	Receiver	Receiver. Identifies the party as the receiver of a particular payment stream or bullet payment by quoting the stream's StreamDesc(40051) (or LegStreamDesc(40243) or UnderlyingStreamDesc(40542)) or payment's PaymentDesc(43087) in the associated party sub-identifier field.
76	SystematicInternaliser	Systematic Internaliser (SI). In the context of ESMA reporting, this is used to indicate whether the specified party is a Systematic Internaliser or not for the security defined in the Instrument component (Y/N).
77	PublishingEntityIndicator	Publishing entity indicator. Indicates the entity obligated or delegated to publish to the market. Set PartySubID(523)=Y if true.
78	FirstName	First name. The first name(s) of a natural person. If multiple names, separate entries by a comma.
79	Surname	Surname. The surname(s) or lastname(s) of a natural person. If multiple names, separate entries by a comma.
80	DateOfBirth	Date of birth. The date of birth of a natural person in the format YYYYMMDD.
81	OrderTransmittingFirm	Order transmitting firm. Identifies whether the party specified in PartyID(448) is the firm that transmitted the order. In the context of RTS 22 Article 4, when "true" the PartySubID(523)=Y shall be set "by the transmitting firm within the transmitting firm's report where conditions for transmission specified in Article 4 were not satisfied."
82	OrderTransmittingFirmBuyer	Order transmitting firm for buyer. Identifies the firm that transmitted the order for the buyer. In the context of ESMA RTS 22, PartySubID(523)=Y is used to indicate the firm identified in PartyID(448) is the firm that transmitted the order for the buyer. "This shall be populated by the receiving firm within the receiving firm's report with the identification code provided by the transmitting firm."

Code	Name	Description
83	OrderTransmitterSeller	Order transmitter for seller. Identifies the order transmitting firm for the seller. In the context of ESMA RTS 22, PartySubID(523)=Y is used to indicate the firm identified in PartyID(448) is the firm that transmitted the order for the seller. "This shall be populated by the receiving firm within the receiving firm's report with the identification code provided by the transmitting firm."
84	LegalEntityIdentifier	Legal Entity Identifier (ISO 17442) LEI
85	SubSectorClassification	Sub-sector classification. Supplemental to party sub-ID type "64" (Company activities) for regulatory reporting. For EU SFTR reporting use the appropriate 4-character code noted in the regulations applying the conditional association rules. See SFTR ITS "Commission Implementing Regulation (EU) 2019/363" Annexes 1 and 2 for values.
86	PartySide	Party side. May be used, when appropriate, to explicitly indicate the transaction side of the party, e.g. Buyer, Seller, Lender, Borrower, Maker, Taker, etc. in the ID. In the context of EU SFTR reporting, use values as required by SFTR, "GIVE" and "TAKE" in the ID, to identify collateral giver and taker.
87	LegalRegistrationCountry	Legal registration country. ISO Country Code where the registered office of the party is located as specified in the LEI reference data.

Used in groups: [ProvisionPtysSubGrp](#)

### 170.2.4385 ProvisionPtysSubGrp

ProvisionPtysSubGrp is a repeating component within the ProvisionParties component used to extend information to be reported for the party.

Name	Mult.	Type	Description
NoProvisionPartySubIDs	[1..1]	NumInGroup	
ProvisionPartySubID	[0..1]	String	Required if NoProvisionPartySubIDs(40178) > 0.
ProvisionPartySubIDType	[0..1]	CodeSet	Required if NoProvisionPartySubIDs(40178) > 0.

Used in groups: [ProvisionParties](#)

**170.2.4386 ProvisionText**

Free form text to specify additional information or enumeration description when a standard value does not apply.

Type: **String**

Used in groups: **ProvisionGrp**

**170.2.4387 ProvisionType**

Type of provisions.

Type: **int**

Allowed values in ProvisionTypeCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	MandatoryEarlyTermination	Mandatory early termination
1	OptionalEarlyTermination	Optional early termination
2	Cancelable	Cancelable
3	Extendable	Extendable. The contract can be extended by either party usually with a specific time notice prior to the expiry date. In the context of EU SFTR reporting this corresponds to "termination optionality" code "ETSB".
4	MutualEarlyTermination	Mutual early termination
5	Evergreen	Evergreen. The contract automatically renews after the expiry date until one party gives the other notice to terminate. In the context of EU SFTR reporting this corresponds to "termination optionality" code "EGRN".
6	Callable	Callable. Contract is callable.
7	Puttable	Puttable. Contract is puttable.

---

Used in groups: **ProvisionGrp**

**170.2.4388 PtysSubGrp**

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Name	Mult.	Type	Description
NoPartySubIDs	[1..1]	NumInGroup	
PartySubID	[0..1]	String	
PartySubIDType	[0..1]	CodeSet	

---

Used in groups: [Parties](#)

### 170.2.4389 PublishTrdIndicator

Indicates if a trade should be reported via a market reporting service.

Type: [Boolean](#)

Allowed values in PublishTrdIndicatorCodeSet:

---

Code	Name	Description
N	DoNotReportTrade	Do Not Report Trade
Y	ReportTrade	Report Trade

---

Used in messages: [TradeCaptureReport](#), [TradeCaptureReportAck](#)

### 170.2.4390 PutOrCall

Indicates whether an option contract is a put, call, chooser or undetermined.

Type: [int](#)

Allowed values in PutOrCallCodeSet:

---

Code	Name	Description
0	Put	Put. Also used for the case in which the buyer of a Swaption has the right to enter into an IRS contract as a fixed-rate receiver or into a CDS contract as a seller of protection or for the case of a Floor.
1	Call	Call. Also used for the case in which the buyer of a Swaption has the right to enter into an IRS contract as a fixed-rate payer or into a CDS contract as a buyer of protection or for the case of a Cap.

---

Code	Name	Description
2	Other	Other. In the context of ESMA RTS 22 reporting, this value may be used when, at the time of execution, the option right cannot be determined.
3	Chooser	Chooser. Indicates that the option buyer may choose to buy or sell the underlying security on exercise or if a Swaption to pay or receive the underlying IRS cash flow stream or to buy or sell CDS protection.

Used in components: [Instrument](#)

### 170.2.4391 QtyType

Type of quantity specified in quantity field. ContractMultiplier (tag 231) is required when QtyType = 1 (Contracts). UnitOfMeasure (tag 996) and TimeUnit (tag 997) are required when QtyType = 2 (Units of Measure per Time Unit).

Type: [int](#)

Allowed values in QtyTypeCodeSet:

Code	Name	Description
0	Units	Units (shares, par, currency)
1	Contracts	Contracts
2	UnitsOfMeasurePerTimeUnit	Unit of Measure per Time Unit

Used in components: [SettlTradeDetails](#)

Used in groups: [InstrmtMatchSideGrp](#), [ListOrdGrp](#), [QuotReqGrp](#), [QuotReqRjctGrp](#), [SideCrossOrdModGrp](#)

Used in messages: [Advertisement](#), [AllocationInstruction](#), [AllocationInstructionAlert](#), [AllocationReport](#), [CollateralAssignment](#), [CollateralInquiry](#), [CollateralInquiryAck](#), [CollateralReport](#), [CollateralRequest](#), [CollateralResponse](#), [Confirmation](#), [ExecutionReport](#), [IOI](#), [MultilegOrderCancelReplace](#), [NewOrderMultileg](#), [NewOrderSingle](#), [OrderCancelReplaceRequest](#), [TradeCaptureReport](#), [TradeCaptureReportAck](#)

### 170.2.4392 Quantity

Overall/total quantity (e.g. number of shares)

(Prior to FIX 4.2 this field was of type int)

Type: Qty

Used in groups: InstrmtMatchSideGrp

Used in messages: Advertisement, AllocationInstruction, AllocationInstructionAlert, AllocationReport, AllocationReportAck, CollateralAssignment, CollateralInquiry, CollateralInquiryAck, CollateralReport, CollateralRequest, CollateralResponse

### 170.2.4393 QuantityDate

Date associated to the quantity that is being reported for the position.

Type: LocalMktDate

Used in groups: PositionQty, TradePositionQty

### 170.2.4394 QuotCxlEntriesGrp

---

Name	Mult.	Type	Description
NoQuoteEntries	[1..1]	NumInGroup	The number of securities (instruments) whose quotes are to be canceled. Not required when cancelling all quotes.
Instrument	[0..1]	Component	Insert here the set of "Instrument" (symbology) fields defined in "Common Components of Application Messages"
FinancingDetails	[0..1]	Component	Insert here the set of "FinancingDetails" (symbology) fields defined in "Common Components of Application Messages"
UndInstrmtGrp	[0..*]	Group	
InstrmtLegGrp	[0..*]	Group	

---

Used in messages: QuoteCancel

### 170.2.4395 QuoteAckStatus

Acknowledgement status of a Quote(35=S) or QuoteCancel(35=Z) message submission.

Type: int



Allowed values in QuoteAckStatusCodeSet:

---

Code	Name	Description
0	ReceivedNotYetProcessed	Received, not yet processed
1	Accepted	Accepted
2	Rejected	Rejected

---

Used in messages: [QuoteAck](#)

### 170.2.4396 QuoteAttributeGrp

The QuoteAttributeGrp component provides additional attributes about the quote. Attributes included in this component are primarily "indicators" that may be associated with regulatory requirements and are typically not part of normal trading activities.

---

Name	Mult.	Type	Description
<a href="#">NoQuoteAttributes</a>	[1..1]	NumInGroup	
<a href="#">QuoteAttributeType</a>	[0..1]	CodeSet	Required if NoQuoteAttributes(2706) > 0.
<a href="#">QuoteAttributeValue</a>	[0..1]	String	Required if NoQuoteAttributes(2706) > 0.

---

Used in messages: [Quote](#), [QuoteAck](#), [QuoteStatusReport](#)

### 170.2.4397 QuoteAttributeType

The type of attribute for the quote.

Type: [int](#)

Allowed values in QuoteAttributeTypeCodeSet:

---

Code	Name	Description
0	QuoteAboveStandardMarketSize	Quote is above standard market size. In the context of ESMA pre-trade transparency under MiFIR to make prices public, the quote size is above standard market size, therefore the price is not made public. Applicable for cash equities instruments.

---

Code	Name	Description
1	QuoteAboveSpecificInstrumentSize	Quote is above size specific to the instrument. In the context of ESMA pre-trade transparency under MiFID to make public prices, the quote size is above the size specific to the instrument, therefore the price is not or will not be made public. Applicable for non-cash equities instruments.
2	QuoteApplicableForLiquidityProvisionActivity	Quote applicable for liquidity provision activity. In the context of ESMA RTS 24 Article 3, when QuoteAttributeValue(2708)=Y, it signifies that the quote was submitted "as part of a market making strategy pursuant to Articles 17 and 18 of Directive 2014/65/EU, or is submitted as part of another activity in accordance with Article 3" (of RTS 24).
3	QuoteIssuerStatus	Quote issuer status. Indicate whether quote issuer is available or not. Can be used in the context of US CAT to indicate if a market maker's quote is open (O) or closed (C) whenever the quote is sent to an inter-dealer quotation system.
4	BidOrAskRequest	Bid or ask request. Indicate explicitly whether a request for a quote is a request for a bid or an ask.

Used in groups: [QuoteAttributeGrp](#)

### 170.2.4398 QuoteAttributeValue

The value associated with the quote attribute type specified in QuoteAttributeType(2707).

Type: [String](#)

Used in groups: [QuoteAttributeGrp](#)

### 170.2.4399 QuoteCancelType

Identifies the type of quote cancel.

Type: [int](#)

Allowed values in QuoteCancelTypeCodeSet:

Code	Name	Description
1	CancelForOneOrMoreSecurities	Cancel quotes for one or more securities
2	CancelForSecurityType	Cancel quotes for security type(s)

Code	Name	Description
3	CancelForUnderlyingSecurity	Cancel quotes for underlying security
4	CancelAllQuotes	Cancel all quotes
5	CancelSpecifiedSingleQuote	Cancel specified single quote. Cancel single quote specified in QuoteID(117) or SecondaryQuoteID(1751)
6	CancelByTypeOfQuote	Cancel by type of quote. Cancel quotes by type of quote specified in QuoteType(537)
7	CancelForSecurityIssuer	Cancel quotes for an issuer
8	CancelForIssuerOfUnderlyingSecurity	Cancel quotes for an issuer of underlying security

Used in messages: [MassQuoteAck](#), [QuoteAck](#), [QuoteCancel](#), [QuoteStatusReport](#)

### 170.2.4400 QuoteCondition

Space-delimited list of conditions describing a quote.

Type: [MultipleStringValue](#)

Allowed values in QuoteConditionCodeSet:

Code	Name	Description
A	Open	Open/Active
B	Closed	Closed/Inactive
C	ExchangeBest	Exchange Best
D	ConsolidatedBest	Consolidated Best
E	Locked	Locked
F	Crossed	Crossed
G	Depth	Depth
H	FastTrading	Fast Trading
I	NonFirm	Non-Firm
L	Manual	Manual/Slow Quote
J	OutrightPrice	Outright Price
K	ImpliedPrice	Implied Price
M	DepthOnOffer	Depth on Offer
N	DepthOnBid	Depth on Bid
O	Closing	Closing

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<b>Code</b>	<b>Name</b>	<b>Description</b>
P	NewsDissemination	News Dissemination
Q	TradingRange	Trading Range
R	OrderInflux	Order Influx
S	DueToRelated	Due to Related
T	NewsPending	News Pending
U	AdditionalInfo	Additional Info
V	AdditionalInfoDueToRelated	Additional Info due to related
W	Resume	Resume
X	ViewOfCommon	View of Common
Y	VolumeAlert	Volume Alert
Z	OrderImbalance	Order Imbalance
a	EquipmentChangeover	Equipment Changeover
b	NoOpen	No Open / No Resume
c	RegularETH	Regular ETH
d	AutomaticExecution	Automatic Execution
e	AutomaticExecutionETH	Automatic Execution ETH
f	FastMarketETH	Fast Market ETH
g	InactiveETH	Inactive ETH
h	Rotation	Rotation
i	RotationETH	Rotation ETH
j	Halt	Halt
k	HaltETH	Halt ETH
l	DueToNewsDissemination	Due to News Dissemination
m	DueToNewsPending	Due to News Pending
n	TradingResume	Trading Resume
o	OutOfSequence	Out of Sequence
p	BidSpecialist	Bid Specialist
q	OfferSpecialist	Offer Specialist
r	BidOfferSpecialist	Bid Offer Specialist
s	EndOfDaySAM	End of Day SAM
t	ForbiddenSAM	Forbidden SAM
u	FrozenSAM	Frozen SAM
v	PreOpeningSAM	PreOpening SAM
w	OpeningSAM	Opening SAM

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Code	Name	Description
x	OpenSAM	Open SAM
y	SurveillanceSAM	Surveillance SAM
z	SuspendedSAM	Suspended SAM
0	ReservedSAM	Reserved SAM
1	NoActiveSAM	No Active SAM
2	Restricted	Restricted
3	RestOfBookVWAP	Rest of Book VWAP
4	BetterPricesInConditionalOrders	Better Prices in Conditional Orders
5	MedianPrice	Median Price
6	FullCurve	Full Curve
7	FlatCurve	Flat Curve

---

Used in components: [MDStatisticParameters](#)

Used in groups: [MDFullGrp](#), [MDIncGrp](#)

#### **170.2.4401 QuoteDisplayTime**

Time by which the quote will be displayed.

Type: [UTCTimestamp](#)

Used in groups: [QuotReqGrp](#)

#### **170.2.4402 QuoteEntryID**

Unique identifier for a quote. The QuoteEntryID stays with the quote as a static identifier even if the quote is updated.

Type: [String](#)

Used in groups: [MDFullGrp](#), [MDIncGrp](#), [QuotEntryAckGrp](#), [QuotEntryGrp](#)

#### **170.2.4403 QuoteEntryRejectReason**

Reason Quote Entry was rejected:

Type: [int](#)

Allowed values in QuoteRejectReasonCodeSet:

Code	Name	Description
1	UnknownSymbol	Unknown symbol (security)
2	Exchange	Exchange (security) closed
3	QuoteRequestExceedsLimit	Quote Request exceeds limit
4	TooLateToEnter	Too late to enter
5	UnknownQuote	Unknown quote
6	DuplicateQuote	Duplicate quote
7	InvalidBid	Invalid bid/ask spread
8	InvalidPrice	Invalid price
9	NotAuthorizedToQuoteSecurity	Not authorized to quote security
10	PriceExceedsCurrentPriceBand	Price exceeds current price band
11	QuoteLocked	Quote locked - unable to update/cancel
12	InvalidOrUnknownSecurityIssuer	Invalid or unknown security issuer
13	InvalidOrUnknownIssuerOfUnderlyingSecurity	Invalid or unknown issuer of underlying security
14	NotionalValueExceedsThreshold	Notional value exceeds threshold
15	PriceExceedsCurrentPriceBandDepr	Price exceeds current price band
16	ReferencePriceNotAvailable	Reference price not available
17	InsufficientCreditLimit	Insufficient credit limit
18	ExceededClipSizeLimit	Exceeded clip size limit
19	ExceededMaxNotionalOrderAmt	Exceeded maximum notional order amount
20	ExceededDV01PV01Limit	Exceeded DV01/PV01 limit
21	ExceededCS01Limit	Exceeded CS01 limit
99	Other	Other

Used in groups: [QuotEntryAckGrp](#)

#### **170.2.4404 QuoteEntryStatus**

Identifies the status of an individual quote. See also [QuoteStatus\(297\)](#) which is used for single Quotes.

Type: [int](#)

Allowed values in QuoteEntryStatusCodeSet:

---

Code	Name	Description
0	Accepted	Accepted
5	Rejected	Rejected
6	RemovedFromMarket	Removed from Market
7	Expired	Expired
12	LockedMarketWarning	Locked Market Warning
13	CrossMarketWarning	Cross Market Warning
14	CanceledDueToLockMarket	Canceled due to Lock Market
15	CanceledDueToCrossMarket	Canceled due to Cross Market
16	Active	Active

---

Used in groups: [QuotEntryAckGrp](#)

#### **170.2.4405 QuoteID**

Unique identifier for quote

Type: [String](#)

Used in groups: [ListOrdGrp](#), [QuotReqGrp](#)

Used in messages: [CrossOrderCancelReplaceRequest](#), [MassQuote](#), [MassQuoteAck](#), [MultilegOrderCancelReplace](#), [NewOrderCross](#), [NewOrderMultileg](#), [NewOrderSingle](#), [Quote](#), [QuoteAck](#), [QuoteCancel](#), [QuoteResponse](#), [QuoteStatusReport](#), [QuoteStatusRequest](#)

#### **170.2.4406 QuoteModelType**

Quote model type

Type: [int](#)

Allowed values in QuoteModelTypeCodeSet:

---

Code	Name	Description
1	QuoteEntry	Quote entry. New quote is entered or previously submitted quote is updated in full without regard to amount executed when a subsequent quote (e.g. with the same QuoteID reference) is received by the Recipient of the quote message.

---

Code	Name	Description
2	QuoteModification	Quote modification. Previously submitted quote must be present and is updated, taking into consideration the amount already executed when a subsequent quote (e.g. with the same QuoteID reference) is received by the Recipient of the quote message.

Used in messages: [MassQuote](#), [Quote](#)

### 170.2.4407 QuoteMsgID

Unique identifier for a quote message.

Type: [String](#)

Used in messages: [ExecutionReport](#), [Quote](#), [QuoteAck](#), [QuoteCancel](#), [QuoteResponse](#), [QuoteStatusReport](#)

### 170.2.4408 QuotEntryAckGrp

Name	Mult.	Type	Description
<a href="#">NoQuoteEntries</a>	[1..1]	NumInGroup	The number of quotes for this Symbol (QuoteSet) that follow in this message.
<a href="#">QuoteEntryID</a>	[0..1]	String	Uniquely identifies the quote across the complete set of all quotes for a given quote provider. First field in repeating group. Required if NoQuoteEntries > 0.
<a href="#">Instrument</a>	[0..1]	Component	Insert here the set of "Instrument" (symbology) fields defined in "Common Components of Application Messages"
<a href="#">InstrmtLegGrp</a>	[0..*]	Group	
<a href="#">BidPx</a>	[0..1]	Price	If F/X quote, should be the "all-in" rate (spot rate adjusted for forward points). Note that either BidPx, OfferPx or both must be specified.
<a href="#">OfferPx</a>	[0..1]	Price	If F/X quote, should be the "all-in" rate (spot rate adjusted for forward points). Note that either BidPx, OfferPx or both must be specified.
<a href="#">BidSize</a>	[0..1]	Qty	



Name	Mult.	Type	Description
OfferSize	[0..1]	Qty	
ValidUntilTime	[0..1]	UTCTimestamp	
BidSpotRate	[0..1]	Price	May be applicable for F/X quotes
OfferSpotRate	[0..1]	Price	May be applicable for F/X quotes
BidForwardPoints	[0..1]	PriceOffset	May be applicable for F/X quotes
OfferForwardPoints	[0..1]	PriceOffset	May be applicable for F/X quotes
MidPx	[0..1]	Price	
BidYield	[0..1]	Percentage	
MidYield	[0..1]	Percentage	
OfferYield	[0..1]	Percentage	
TransactTime	[0..1]	UTCTimestamp	
TradingSessionID	[0..1]	CodeSet	
TradingSessionSubID	[0..1]	CodeSet	
SettlDate	[0..1]	LocalMktDate	Can be used with forex quotes to specify a specific "value date"
OrdType	[0..1]	CodeSet	Can be used to specify the type of order the quote is for
SettlDate2	[0..1]	LocalMktDate	Can be used with OrdType = "Forex - Swap" to specify the "value date" for the future portion of a F/X swap.
OrderQty2	[0..1]	Qty	Can be used with OrdType = "Forex - Swap" to specify the order quantity for the future portion of a F/X swap.
BidForwardPoints2	[0..1]	PriceOffset	Bid F/X forward points of the future portion of a F/X swap quote added to spot rate. May be a negative value
OfferForwardPoints2	[0..1]	PriceOffset	Offer F/X forward points of the future portion of a F/X swap quote added to spot rate. May be a negative value
Currency	[0..1]	Currency	Can be used to specify the currency of the quoted price.
CurrencyCodeSource	[0..1]	CodeSet	
BookingType	[0..1]	CodeSet	
OrderCapacity	[0..1]	CodeSet	
OrderRestrictions	[0..1]	CodeSet	
QuoteEntryStatus	[0..1]	CodeSet	

<b>QuoteEntryRejectReason</b>	[0..1]	CodeSet	Reason Quote Entry was rejected.
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Used in groups: **QuotSetAckGrp**

### 170.2.4409 QuotEntryGrp

Name	Mult.	Type	Description
<b>NoQuoteEntries</b>	[1..1]	NumInGroup	The number of quotes for this Symbol (instrument) (QuoteSet) that follow in this message.
<b>QuoteEntryID</b>	[1..1]	String	Uniquely identifies the quote across the complete set of all quotes for a given quote provider.
<b>Instrument</b>	[0..1]	Component	Insert here the set of "Instrument" (symbology) fields defined in "Common Components of Application Messages"
<b>InstrmtLegGrp</b>	[0..*]	Group	
<b>BidPx</b>	[0..1]	Price	If F/X quote, should be the "all-in" rate (spot rate adjusted for forward points). Note that either BidPx, OfferPx or both must be specified.
<b>OfferPx</b>	[0..1]	Price	If F/X quote, should be the "all-in" rate (spot rate adjusted for forward points). Note that either BidPx, OfferPx or both must be specified.
<b>TotalBidSize</b>	[0..1]	Qty	
<b>TotalOfferSize</b>	[0..1]	Qty	
<b>BidSize</b>	[0..1]	Qty	
<b>OfferSize</b>	[0..1]	Qty	
<b>ValidUntilTime</b>	[0..1]	UTCTimestamp	
<b>BidSpotRate</b>	[0..1]	Price	May be applicable for F/X quotes
<b>OfferSpotRate</b>	[0..1]	Price	May be applicable for F/X quotes
<b>BidForwardPoints</b>	[0..1]	PriceOffset	May be applicable for F/X quotes
<b>OfferForwardPoints</b>	[0..1]	PriceOffset	May be applicable for F/X quotes
<b>MidPx</b>	[0..1]	Price	
<b>BidYield</b>	[0..1]	Percentage	
<b>MidYield</b>	[0..1]	Percentage	
<b>OfferYield</b>	[0..1]	Percentage	
<b>TransactTime</b>	[0..1]	UTCTimestamp	
<b>TradingSessionID</b>	[0..1]	CodeSet	

Name	Mult.	Type	Description
TradingSessionSubID	[0..1]	CodeSet	
SettlDate	[0..1]	LocalMktDate	Can be used with forex quotes to specify a specific "value date"
OrdType	[0..1]	CodeSet	Can be used to specify the type of order the quote is for
SettlDate2	[0..1]	LocalMktDate	Can be used with OrdType = "Forex - Swap" to specify the "value date" for the future portion of a F/X swap.
OrderQty2	[0..1]	Qty	Can be used with OrdType = "Forex - Swap" to specify the order quantity for the future portion of a F/X swap.
BidForwardPoints2	[0..1]	PriceOffset	Bid F/X forward points of the future portion of a F/X swap quote added to spot rate. May be a negative value
OfferForwardPoints2	[0..1]	PriceOffset	Offer F/X forward points of the future portion of a F/X swap quote added to spot rate. May be a negative value
Currency	[0..1]	Currency	Can be used to specify the currency of the quoted price.
CurrencyCodeSource	[0..1]	CodeSet	
BookingType	[0..1]	CodeSet	
OrderCapacity	[0..1]	CodeSet	
OrderRestrictions	[0..1]	CodeSet	

Used in groups: [QuotSetGrp](#)

### 170.2.4410 QuotePriceType

Code to represent price type requested in Quote.

If the Quote Request is for a Swap, values 1-8 apply to all legs.

Type: **int**

Allowed values in QuotePriceTypeCodeSet:

Code	Name	Description
1	Percent	Percentage (i.e. percent of par) (often called "dollar price" for fixed income)
2	PerShare	Per unit (i.e. per share or contract)
3	FixedAmount	Fixed Amount (absolute value)
4	Discount	Discount - percentage points below par
5	Premium	Premium - percentage points over par
6	Spread	Spread (basis points relative to benchmark). Usually the difference in yield between two switched bonds or a corporate bond traded spread-to-benchmark.
7	TEDPrice	TED Price
8	TEDYield	TED Yield
9	YieldSpread	Yield Spread (swaps)
10	Yield	Yield
12	PriceSpread	Price spread. Price spread is expressed based on market convention for the asset being priced or traded. For example: the difference between the prices of a multileg switch or strategy expressed in basis points for a CDS or TBA roll; a price value to be added to a reference price, such as a "pay up" for specified pools.
13	ProductTicksInHalves	Product ticks in halves
14	ProductTicksInFourths	Product ticks in fourths
15	ProductTicksInEighths	Product ticks in eighths
16	ProductTicksInSixteenths	Product ticks in sixteenths
17	ProductTicksInThirtySeconds	Product ticks in thirty-seconds
18	ProductTicksInSixtyFourths	Product ticks in sixty-fourths
19	ProductTicksInOneTwentyEighths	Product ticks in one-twenty-eighths
20	NormalRateRepresentation	Normal rate representation (e.g. FX rate)
21	InverseRateRepresentation	Inverse rate representation (e.g. FX rate)
22	BasisPoints	Basis points. When the price is not spread based
23	UpFrontPoints	Up front points. Used specifically for CDS pricing.
24	InterestRate	Interest rate. When the price is an interest rate. For example, used with benchmark reference rate.
25	PercentageOfNotional	Percentage of notional

Used in groups: [QuotReqGrp](#), [QuotReqRjctGrp](#)

**170.2.4411 QuoteQualifier**

Code to qualify Quote use and other aspects of price negotiation.

Type: **char**

Allowed values in IOIQualifierCodeSet:

Code	Name	Description
A	AllOrNone	All or None (AON)
B	MarketOnClose	Market On Close (MOC) (held to close)
C	AtTheClose	At the close (around/not held to close)
D	VWAP	VWAP (Volume Weighted Average Price)
E	Axe	Axe. Indicates that a quote is an Axe, without specifying a side preference. Mutually exclusive with F(Axe on bid) and G(Axe on offer).
F	AxeOnBid	Axe on bid. Indicates that a quote is an Axe, with a preference to execute on the bid side. Mutually exclusive with E(Axe) and G (Axe on offer)
G	AxeOnOffer	Axe on offer. Indicates that a quote is an Axe, with a preference to execute on the offer side. Mutually exclusive with E(Axe) and F (Axe on bid)
H	ClientNaturalWorking	Client natural working. With reference to the AFME/IA Framework for Indications of Interest, this is to be used to denote IOIs of type C2 – Client Natural (Working). A client should be able to seek verification (from IOI publisher's management/compliance) that, for any C2 IOIs received, there was a corresponding live client order for at least the advertised size prior to the IOI being generated. Resulting trades are expected to be of a riskless nature.
I	InTouchWith	In touch with. With reference to the AFME/IA Framework for Indications of Interest, this is to be used to denote IOIs of type P1 - Potential. Post-execution, a client should be able to seek verification (from IOI publisher's management/ compliance) that, for any P1 IOIs received and executed against, there was by time of the execution, an opposing specific client order. Resulting trades are expected to be of a riskless nature. If the anticipated client order does not materialise, and the broker elects to commit capital, this must be disclosed prior to execution.

<b>Code</b>	<b>Name</b>	<b>Description</b>
J	PositionWanted	Position wanted. With reference to the AFME/IA Framework for Indications of Interest, this is to be used to denote IOIs of type H2 – Position Wanted. Brokers will be likely be sourcing liquidity and therefore may advertise the size of IOI they wish; however, clients can expect the broker to honour the size of IOI shown. The presumption is that there is no intent to immediately unwind the position without notification, however, brokers may provide additional granularity to the category and may offer bilateral post trade commitments. Brokers will also offer clients a feedback mechanism.
K	MarketMaking	Market making. With reference to the AFME/IA Framework for Indications of Interest, this is to be used to denote IOIs of type H3 – Market Making, no enforcement is required.
L	Limit	Limit
M	MoreBehind	More Behind
N	ClientNaturalBlock	Client natural block. With reference to the AFME/IA Framework for Indications of Interest, this is to be used to denote IOIs of type C1 - Client Natural (Block). A client should be able to seek verification (from IOI publisher's management/compliance) that, for any C1 IOIs received, there was a corresponding live client order for at least the advertised size prior to the IOI being generated. Resulting trades are expected to be of a riskless nature.
O	AtTheOpen	At the Open
P	TakingAPosition	Taking a Position
Q	AtTheMarket	At the Market (previously called Current Quote)
R	ReadyToTrade	Ready to Trade
S	PortfolioShown	Inventory or Portfolio Shown
T	ThroughTheDay	Through the Day
U	Unwind	Unwind. With reference to the AFME/IA Framework for Indications of Interest, this is to be used to denote IOIs of type H1 - Unwind. Brokers will be responsible for ensuring that the size of the IOI reflects the actual house position in the relevant business unit and should not inflate the size of the IOI. The presumption is that there is no intent to immediately replace the position without notification, however, brokers may provide additional granularity to the category and may offer bilateral post trade commitments. Brokers will also offer clients a feedback mechanism.
V	Versus	Versus

Code	Name	Description
W	Indication	Indication - Working Away
X	CrossingOpportunity	Crossing Opportunity
Y	AtTheMidpoint	At the Midpoint
Z	PreOpen	Pre-open
1	QuantityNegotiable	Quantity is negotiable. When specified, the dealer may counter with a reduced quantity in its Quotes in response to QuoteRequest(35=R). All-or-none if omitted.
2	AllowLateBids	Allow late bids. When specified in QuoteRequest(35=R) the dealer may submit quotes after certain time has elapsed.
3	ImmediateOrCounter	Immediate or counter. When specified, the buy-side customer is permitted to counter a firm quote during wiretime.
4	AutoTrade	Auto trade. Trade is in an auto-trading mode whereby the best quote that satisfies user criteria as determined by the trading platform will be accepted automatically.
a	AutomaticSpot	Automatic spot. At completion of price negotiation based on spread the trading platform will propose a benchmark spot price which may be filled immediately by the dealer or countered.
b	PlatformCalculatedSpot	Platform calculated spot. At completion of price negotiation based on spread the trading platform will supply a benchmark spot price and immediately complete the trade reporting fill. There is no dealer last look.
c	OutsideSpread	Outside spread. The IOI is identifiable outside the current bid/offer.
d	DeferredSpot	Deferred spot. At a future time after completion of price negotiation based on spread and reported in StrikeTime(443) the trading platform will propose a benchmark spot price which may be filled immediately by the dealer or countered.
n	NegotiatedSpot	Negotiated spot. Once price negotiation based on spread is completed negotiation of the benchmark spot price proceeds immediately.

Used in groups: [QuotQualGrp](#)

### 170.2.4412 QuoteRejectReason

Reason Quote was rejected:

Type: [int](#)

Allowed values in QuoteRejectReasonCodeSet:

Code	Name	Description
1	UnknownSymbol	Unknown symbol (security)
2	Exchange	Exchange (security) closed
3	QuoteRequestExceedsLimit	Quote Request exceeds limit
4	TooLateToEnter	Too late to enter
5	UnknownQuote	Unknown quote
6	DuplicateQuote	Duplicate quote
7	InvalidBid	Invalid bid/ask spread
8	InvalidPrice	Invalid price
9	NotAuthorizedToQuoteSecurity	Not authorized to quote security
10	PriceExceedsCurrentPriceBand	Price exceeds current price band
11	QuoteLocked	Quote locked - unable to update/cancel
12	InvalidOrUnknownSecurityIssuer	Invalid or unknown security issuer
13	InvalidOrUnknownIssuerOfUnderlyingSecurity	Invalid or unknown issuer of underlying security
14	NotionalValueExceedsThreshold	Notional value exceeds threshold
15	PriceExceedsCurrentPriceBandDepr	Price exceeds current price band
16	ReferencePriceNotAvailable	Reference price not available
17	InsufficientCreditLimit	Insufficient credit limit
18	ExceededClipSizeLimit	Exceeded clip size limit
19	ExceededMaxNotionalOrderAmt	Exceeded maximum notional order amount
20	ExceededDV01PV01Limit	Exceeded DV01/PV01 limit
21	ExceededCS01Limit	Exceeded CS01 limit
99	Other	Other

Used in messages: [MassQuoteAck](#), [QuoteAck](#), [QuoteStatusReport](#)

### 170.2.4413 QuoteReqID

Unique identifier for a QuoteRequest(35=R).

Type: [String](#)

Used in messages: [MassQuote](#), [MassQuoteAck](#), [Quote](#), [QuoteAck](#), [QuoteCancel](#), [QuoteRequest](#), [QuoteRequestReject](#), [QuoteResponse](#), [QuoteStatusReport](#)



**170.2.4414 QuoteRequestRejectReason**

Reason Quote was rejected:

Type: **int**

Allowed values in QuoteRequestRejectReasonCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
1	UnknownSymbol	Unknown Symbol (Security)
2	Exchange	Exchange (Security) Closed
3	QuoteRequestExceedsLimit	Quote Request Exceeds Limit
4	TooLateToEnter	Too Late to enter
5	InvalidPrice	Invalid Price
6	NotAuthorizedToRequestQuote	Not Authorized To Request Quote
7	NoMatchForInquiry	No Match For Inquiry
8	NoMarketForInstrument	No Market For Instrument
9	NoInventory	No Inventory
10	Pass	Pass
11	InsufficientCredit	Insufficient credit
12	ExceededClipSizeLimit	Exceeded clip size limit
13	ExceededMaxNotionalOrderAmt	Exceeded maximum notional order amount
14	ExceededDV01PV01Limit	Exceeded DV01/PV01 limit
15	ExceededCS01Limit	Exceeded CS01 limit
99	Other	Other

---

Used in messages: **QuoteRequestReject**

**170.2.4415 QuoteRequestType**

Indicates the type of Quote Request being generated

Type: **int**

Allowed values in QuoteRequestTypeCodeSet:

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<b>Code</b>	<b>Name</b>	<b>Description</b>
1	Manual	Manual

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---

Code	Name	Description
2	Automatic	Automatic
3	ConfirmQuote	Confirm quote

---

Used in groups: [QuotReqGrp](#), [QuotReqRjctGrp](#), [RFQReqGrp](#)

### 170.2.4416 QuoteRespID

Message reference for Quote Response

Type: [String](#)

Used in messages: [ExecutionReport](#), [Quote](#), [QuoteResponse](#), [QuoteStatusReport](#)

### 170.2.4417 QuoteResponseLevel

Level of Response requested from receiver of quote messages. A default value should be bilaterally agreed.

Type: [int](#)

Allowed values in QuoteResponseLevelCodeSet:

---

Code	Name	Description
0	NoAcknowledgement	No Acknowledgement
1	AcknowledgeOnlyNegativeOrErroneousQuotes	Acknowledge only negative or erroneous quotes
2	AcknowledgeEachQuoteMessage	Acknowledge each quote message
3	SummaryAcknowledgement	Summary Acknowledgement

---

Used in messages: [MassQuote](#), [MassQuoteAck](#), [Quote](#), [QuoteCancel](#)

### 170.2.4418 QuoteRespType

Identifies the type of Quote Response.

Type: [int](#)

Allowed values in QuoteRespTypeCodeSet:

Code	Name	Description
1	Hit	Hit/Lift
2	Counter	Counter
3	Expired	Expired
4	Cover	Cover. Trade was done with another quote provider. Quote provider's original quoted price was the best price not traded (i.e. the cover price).
5	DoneAway	Done away. Trade was done with another quote provider.
6	Pass	Pass
7	EndTrade	End trade. Indicates an end to the trade negotiation.
8	TimedOut	Timed out
9	Tied	Tied. Trade was done with another quote provider. Quote provider's original quoted price was the same as the traded price.
10	TiedCover	Tied cover. Trade was done with another quote provider. Quote provider's original quoted price was the best price not traded. There were other quote provider(s) at the same price.
11	Accept	Accept. Used in a response to acknowledge an action communicated by the counterparty.
12	TerminateContract	Terminate contract. Used to communicate the termination of an existing contract.

Used in messages: [QuoteResponse](#)

### **170.2.4419 QuoteSetID**

Unique id for the Quote Set.

Type: [String](#)

Used in groups: [QuotSetAckGrp](#), [QuotSetGrp](#)

### **170.2.4420 QuoteSetValidUntilTime**

Indicates expiration time of this particular QuoteSet (always expressed in UTC (Universal Time Coordinated, also known as "GMT"))

Type: [UTCTimestamp](#)

Used in groups: [QuotSetAckGrp](#), [QuotSetGrp](#)

**170.2.4421 QuoteSideIndicator**

Indicates whether single sided quotes are allowed.

Type: **Boolean**

Allowed values in QuoteSideIndicatorCodeSet:

---

Code	Name	Description
N	No	Single sided quotes are not allowed.
Y	Yes	Single sided quotes are allowed.

---

Used in components: **BaseTradingRules**

**170.2.4422 QuoteSizeRuleGrp**

Rules for minimum bid and offer sizes of quotes.

---

Name	Mult.	Type	Description
<b>NoQuoteSizeRules</b>	[1..1]	NumInGroup	Number of quote size rules.
<b>MinBidSize</b>	[0..1]	Qty	Required if NoQuoteSizeRules(2558) > 0.
<b>MinOfferSize</b>	[0..1]	Qty	Required if NoQuoteSizeRules(2558) > 0.
<b>FastMarketIndicator</b>	[0..1]	Boolean	Used to define the sizes applicable for fast market conditions.

---

Used in components: **BaseTradingRules**

**170.2.4423 QuoteStatus**

Identifies the status of the quote acknowledgement.

Type: **int**

Allowed values in QuoteStatusCodeSet:

---

Code	Name	Description
0	Accepted	Accepted
1	CancelForSymbol	Canceled for specific securities

---

Code	Name	Description
2	CanceledForSecurityType	Canceled for specific SecurityTypes(167)
3	CanceledForUnderlying	Canceled for underlying
4	CanceledAll	Canceled all
5	Rejected	Rejected
6	RemovedFromMarket	Removed from market
7	Expired	Expired
8	Query	Query
9	QuoteNotFound	Quote not found
10	Pending	Pending
11	Pass	Pass
12	LockedMarketWarning	Locked market warning
13	CrossMarketWarning	Crossed market warning
14	CanceledDueToLockMarket	Canceled due to locked market
15	CanceledDueToCrossMarket	Canceled due to crossed market
16	Active	Active
17	Canceled	Canceled
18	UnsolicitedQuoteReplenishment	Unsolicited quote replenishment
19	PendingEndTrade	Pending end trade
20	TooLateToEnd	Too late to end
21	Traded	Traded
22	TradedAndRemoved	Traded and removed
23	ContractTerminates	Contract terminated. Indicates a contract has been or is being terminated.

Used in messages: [MassQuoteAck](#), [QuoteStatusReport](#)

#### **170.2.4424 QuoteStatusReqID**

Unique identifier for Quote Status Request.

Type: [String](#)

Used in messages: [QuoteStatusReport](#), [QuoteStatusRequest](#)

**170.2.4425 QuoteType**

Identifies the type of quote.

An indicative quote is used to inform a counterparty of a market. An indicative quote does not result directly in a trade.

A tradeable quote is submitted to a market and will result directly in a trade against other orders and quotes in a market.

A restricted tradeable quote is submitted to a market and within a certain restriction (possibly based upon price or quantity) will automatically trade against orders. Order that do not comply with restrictions are sent to the quote issuer who can choose to accept or decline the order.

A counter quote is used in the negotiation model. See Volume 7 - Product: Fixed Income for example usage.

Type: **int**

Allowed values in QuoteTypeCodeSet:

Code	Name	Description
0	Indicative	Indicative
1	Tradeable	Tradeable
2	RestrictedTradeable	Restricted tradeable
3	Counter	Counter (tradeable)
4	InitiallyTradeable	Initially tradeable

Used in groups: **InstrmtMDReqGrp, QuotReqGrp, QuotReqRjctGrp, RFQReqGrp**

Used in messages: **MassQuote, MassQuoteAck, Quote, QuoteAck, QuoteCancel, QuoteResponse, QuoteStatusReport**

**170.2.4426 QuotQualGrp**

Name	Mult.	Type	Description
<b>NoQuoteQualifiers</b>	[1..1]	NumInGroup	
<b>QuoteQualifier</b>	[0..1]	CodeSet	Required if NoQuoteQualifiers > 1

Used in groups: **QuotReqGrp, QuotReqRjctGrp**

Used in messages: **Quote, QuoteResponse, QuoteStatusReport**

**170.2.4427 QuotReqGrp**

<b>Name</b>	<b>Mult.</b>	<b>Type</b>	<b>Description</b>
NoRelatedSym	[1..1]	NumInGroup	Number of related symbols (instruments) in Request
Instrument	[1..1]	Component	Insert here the set of "Instrument" (symbology) fields defined in "Common Components of Application Messages"
FinancingDetails	[0..1]	Component	Insert here the set of "FinancingDetails" (symbology) fields defined in "Common Components of Application Messages"
UndInstrmtGrp	[0..*]	Group	
PrevClosePx	[0..1]	Price	Useful for verifying security identification
QuoteRequestType	[0..1]	CodeSet	Indicates the type of Quote Request (e.g. Manual vs. Automatic) being generated.
QuoteID	[0..1]	String	Can be used when QuoteRequestType(303) = 3(Confirm Quote).
SecondaryQuoteID	[0..1]	String	Can be used when QuoteRequestType(303) = 3(Confirm Quote).
QuoteType	[0..1]	CodeSet	Type of quote being requested from counterparty or market (e.g. Indicative, Firm, or Restricted Tradeable). Valid values used by FX in the request: 0 = Indicative, 1 = Tradeable; Absence implies a request for an indicative quote.
TradingSessionID	[0..1]	CodeSet	
TradingSessionSubID	[0..1]	CodeSet	
TradeOriginationDate	[0..1]	LocalMktDate	
NumOfCompetitors	[0..1]	int	
Side	[0..1]	CodeSet	If OrdType = "Forex - Swap", should be the side of the future portion of a F/X swap. The absence of a side implies that a two-sided quote is being requested. For single instrument use. FX values, 1 = Buy, 2 = Sell; This is from the perspective of the Initiator. If absent then a two-sided quote is being requested for spot or forward.
QtyType	[0..1]	CodeSet	Type of quantity specified in a quantity field. For FX, if used, should be "0".
OrderQtyData	[0..1]	Component	Conditionally required for single instrument quoting when applicable for the type of instrument.

Name	Mult.	Type	Description
MinQty	[0..1]	Qty	
SettlType	[0..1]	CodeSet	For NDFs either SettlType (specifying the tenor) or SettlDate must be specified.
SettlDate	[0..1]	LocalMktDate	Can be used (e.g. with forex quotes) to specify the desired "value date". For NDFs either SettlType (specifying the tenor) or SettlDate must be specified.
SettlDate2	[0..1]	LocalMktDate	Can be used with OrdType = "Forex - Swap" to specify the "value date" for the future portion of a F/X swap.
OrderQty2	[0..1]	Qty	Can be used with OrdType = "Forex - Swap" to specify the order quantity for the future portion of a F/X swap.
Currency	[0..1]	Currency	Can be used to specify the desired currency of the quoted price. May differ from the 'normal' trading currency of the instrument being quote requested.
CurrencyCodeSource	[0..1]	CodeSet	
SettlCurrency	[0..1]	Currency	Required for NDFs to specify the settlement currency (fixing currency).
SettlCurrencyCodeSource	[0..1]	CodeSet	
RateSource	[0..*]	Group	
Stipulations	[0..*]	Group	Insert here the set of "Stipulations" (repeating group of Fixed Income stipulations) fields defined in "Common Components of Application Messages"
Account	[0..1]	String	
AcctIDSource	[0..1]	CodeSet	
AccountType	[0..1]	CodeSet	
QuotReqLegsGrp	[0..*]	Group	
QuotQualGrp	[0..*]	Group	
TrdType	[0..1]	CodeSet	May be used by SEFs (Swap Execution Facilities) to indicate a block swap transaction.
RegulatoryTransactionType	[0..1]	CodeSet	
RegulatoryTradeIDGrp	[0..*]	Group	
NegotiationMethod	[0..1]	CodeSet	
QuotePriceType	[0..1]	CodeSet	Initiator can specify the price type the quote needs to be quoted at. If not specified, the Respondent has option to specify how quote is quoted.



Name	Mult.	Type	Description
PriceQualifierGrp	[0..*]	Group	
OrdType	[0..1]	CodeSet	Can be used to specify the type of order the quote request is for
ValidUntilTime	[0..1]	UTCTimestamp	Used by the quote initiator to indicate the period of time the resulting Quote must be valid until
ExpireTime	[0..1]	UTCTimestamp	The time when the request for quote or negotiation dialog will expire.
ResponseTime	[0..1]	UTCTimestamp	
QuoteDisplayTime	[0..1]	UTCTimestamp	
ExposureDuration	[0..1]	int	The (minimum or suggested) period of time a quote price is tradable before it becomes indicative (i.e. off-the-wire).
ExposureDurationUnit	[0..1]	CodeSet	
TransactTime	[0..1]	UTCTimestamp	Time transaction was entered
SpreadOrBenchmarkCurveData	[0..1]	Component	Insert here the set of "SpreadOrBenchmarkCurveData" (Fixed Income spread or benchmark curve) fields defined in "Common Components of Application Messages"
PriceType	[0..1]	CodeSet	
Price	[0..1]	Price	Quoted or target price
MidPx	[0..1]	Price	For OTC swaps, may be used to provide the estimated mid-market-mark.
Price2	[0..1]	Price	Can be used with OrdType = "Forex - Swap" to specify the Quoted or target price for the future portion of a F/X swap.
YieldData	[0..1]	Component	Insert here the set of "YieldData" (yield-related) fields defined in "Common Components of Application Messages"
Parties	[0..*]	Group	
TradeContinuation	[0..1]	CodeSet	Maybe used to indicate quote/negotiation is for the specified post-execution trade continuation or lifecycle event.
TradeContinuationText	[0..1]	String	
EncodedTradeContinuationTextLen	[0..1]	Length	Must be set if EncodedTradeContinuationText(2371) field is specified and must immediately precede it.

Name	Mult.	Type	Description
EncodedTradeContinuationText	[0..1]	data	Encoded (non-ASCII characters) representation of the TradeContinuationText(2374) field in the encoded format specified via the MessageEncoding(347) field.
StrikeTime	[0..1]	UTCTimestamp	Conditionally required when QuoteQual(695) = d (Deferred spot) is specified.

Used in messages: [QuoteRequest](#)

### 170.2.4428 QuotReqLegsGrp

Name	Mult.	Type	Description
NoLegs	[1..1]	NumInGroup	
InstrumentLeg	[0..1]	Component	Required if NoLegs(555) > 0.
LegOrderQty	[0..1]	Qty	
LegQty	[0..1]	Qty	The LegQty(687) field is deprecated. The use of LegOrderQty(685) is recommended instead.
LegMidPx	[0..1]	Price	For OTC swaps, may be used to provide the estimated mid-market mark.
LegSwapType	[0..1]	CodeSet	
LegSettlType	[0..1]	CodeSet	
LegSettlDate	[0..1]	LocalMktDate	
LegStipulations	[0..*]	Group	
NestedParties	[0..*]	Group	
LegBenchmarkCurveData	[0..1]	Component	
LegRefID	[0..1]	String	Use of LegRefID(654) in this component is deprecated. Recommend the use of LegID(1788) in the InstrumentLeg component.

Used in groups: [QuotReqGrp](#), [QuotReqRjctGrp](#)

### 170.2.4429 QuotReqRjctGrp

Name	Mult.	Type	Description
NoRelatedSym	[1..1]	NumInGroup	Number of related symbols (instruments) in Request
Instrument	[1..1]	Component	Insert here the set of "Instrument" (symbology) fields defined in "Common Components of Application Messages"
FinancingDetails	[0..1]	Component	Insert here the set of "FinancingDetails" (symbology) fields defined in "Common Components of Application Messages"
UndInstrmtGrp	[0..*]	Group	
PrevClosePx	[0..1]	Price	Useful for verifying security identification
QuoteRequestType	[0..1]	CodeSet	Indicates the type of Quote Request (e.g. Manual vs. Automatic) being generated.
QuoteType	[0..1]	CodeSet	Type of quote being requested from counterparty or market (e.g. Indicative, Firm, or Restricted Tradeable)
TradingSessionID	[0..1]	CodeSet	
TradingSessionSubID	[0..1]	CodeSet	
TradeOriginationDate	[0..1]	LocalMktDate	
Side	[0..1]	CodeSet	If OrdType = "Forex - Swap", should be the side of the future portion of a F/X swap. The absence of a side implies that a two-sided quote is being requested. Required if specified in Quote Request message.
QtyType	[0..1]	CodeSet	
OrderQtyData	[0..1]	Component	Insert here the set of "OrderQtyData" fields defined in "Common Components of Application Messages". Required if component is specified in Quote Request message.
SettlType	[0..1]	CodeSet	
SettlDate	[0..1]	LocalMktDate	Can be used (e.g. with forex quotes) to specify the desired "value date"
SettlDate2	[0..1]	LocalMktDate	Can be used with OrdType = "Forex - Swap" to specify the "value date" for the future portion of a F/X swap.
OrderQty2	[0..1]	Qty	Can be used with OrdType = "Forex - Swap" to specify the order quantity for the future portion of a F/X swap.

Name	Mult.	Type	Description
Currency	[0..1]	Currency	Can be used to specify the desired currency of the quoted price. May differ from the 'normal' trading currency of the instrument being quote requested.
CurrencyCodeSource	[0..1]	CodeSet	
Stipulations	[0..*]	Group	Insert here the set of "Stipulations" (repeating group of Fixed Income stipulations) fields defined in "Common Components of Application Messages"
Account	[0..1]	String	
AcctIDSource	[0..1]	CodeSet	
AccountType	[0..1]	CodeSet	
QuotReqLegsGrp	[0..*]	Group	
QuotQualGrp	[0..*]	Group	
NegotiationMethod	[0..1]	CodeSet	
QuotePriceType	[0..1]	CodeSet	Initiator can specify the price type the quote needs to be quoted at. If not specified, the Respondent has option to specify how quote is quoted.
PriceQualifierGrp	[0..*]	Group	
OrdType	[0..1]	CodeSet	Can be used to specify the type of order the quote request is for
ExpireTime	[0..1]	UTCTimestamp	The time when Quote Request will expire.
TransactTime	[0..1]	UTCTimestamp	Time transaction was entered
SpreadOrBenchmarkCurveData	[0..1]	Component	Insert here the set of "SpreadOrBenchmarkCurveData" (Fixed Income spread or benchmark curve) fields defined in "Common Components of Application Messages"
PriceType	[0..1]	CodeSet	
Price	[0..1]	Price	Quoted or target price
Price2	[0..1]	Price	Can be used with OrdType = "Forex - Swap" to specify the Quoted or target price for the future portion of a F/X swap.
YieldData	[0..1]	Component	Insert here the set of "YieldData" (yield-related) fields defined in "Common Components of Application Messages"
Parties	[0..*]	Group	Insert here the set of "Parties" (firm identification) fields defined in "Common Components of Application Messages"

Name	Mult.	Type	Description
StrikeTime	[0..1]	UTCTimestamp	Conditionally required when QuoteQual(695) = d (Deferred spot) is specified.

Used in messages: [QuoteRequestReject](#)

### 170.2.4430 QuotSetAckGrp

Name	Mult.	Type	Description
NoQuoteSets	[1..1]	NumInGroup	The number of sets of quotes in the message
QuoteSetID	[0..1]	String	First field in repeating group. Required if NoQuoteSets > 0
UnderlyingInstrument	[0..1]	Component	Insert here the set of "UnderlyingInstrument" (underlying symbology) fields defined in "Common Components of Application Messages". Required if NoQuoteSets > 0
QuoteSetValidUntilTime	[0..1]	UTCTimestamp	
TotNoQuoteEntries	[0..1]	int	Total number of quotes for the quote set across all messages. Should be the sum of all NoQuoteEntries in each message that has repeating quotes that are part of the same quote set. Required if NoQuoteEntries > 0
TotNoCxlQuotes	[0..1]	int	Total number of quotes canceled for the quote set across all messages.
TotNoAccQuotes	[0..1]	int	Total number of quotes accepted for the quote set across all messages.
TotNoRejQuotes	[0..1]	int	Total number of quotes rejected for the quote set across all messages.
LastFragment	[0..1]	CodeSet	Indicates whether this is the last fragment in a sequence of message fragments. Only required where message has been fragmented.
QuotEntryAckGrp	[0..*]	Group	

Used in messages: [MassQuoteAck](#)

### 170.2.4431 QuotSetGrp

Name	Mult.	Type	Description
NoQuoteSets	[1..1]	NumInGroup	The number of sets of quotes in the message
QuoteSetID	[1..1]	String	Sequential number for the Quote Set. For a given QuoteID - assumed to start at 1. Must be the first field in the repeating group.
UnderlyingInstrument	[0..1]	Component	Insert here the set of "UnderlyingInstrument" (underlying symbology) fields defined in "Common Components of Application Messages"
QuoteSetValidUntilTime	[0..1]	UTCTimestamp	
TotNoQuoteEntries	[1..1]	int	Total number of quotes for the quote set across all messages. Should be the sum of all NoQuoteEntries in each message that has repeating quotes that are part of the same quote set.
LastFragment	[0..1]	CodeSet	Indicates whether this is the last fragment in a sequence of message fragments. Only required where message has been fragmented.
QuotEntryGrp	[1..*]	Group	

Used in messages: **MassQuote**

### 170.2.4432 RateSource

Identifies the source of rate information.

For FX, the reference source to be used for the FX spot rate.

Type: **int**

Allowed values in RateSourceCodeSet:

Code	Name	Description
0	Bloomberg	Bloomberg
1	Reuters	Reuters
2	Telerate	Telerate
3	ISDARateOption	ISDA Settlement Rate Option. The source of the currency conversion as specified by the ISDA terms in Annex A to the 1998 FX and Currency Option Definitions. See <a href="http://www.fpml.org/coding-scheme/settlement-rate-option">http://www.fpml.org/coding-scheme/settlement-rate-option</a>
99	Other	Other

Used in groups: [RateSource](#)

### 170.2.4433 RateSource

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Name	Mult.	Type	Description
<a href="#">NoRateSources</a>	[1..1]	NumInGroup	
<a href="#">RateSource</a>	[0..1]	CodeSet	Required if NoRateSource(1445) > 0
<a href="#">RateSourceType</a>	[0..1]	CodeSet	Required if NoRateSources(1445) > 0
<a href="#">ReferencePage</a>	[0..1]	String	May be used when RateSource(1446)=99 (Other)
<a href="#">RateSourceReferemcePageHeading</a>	[0..1]	String	
<a href="#">FXBenchmarkRateFix</a>	[0..1]	String	

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Used in groups: [MDFullGrp](#), [MDIncGrp](#), [QuotReqGrp](#)

Used in messages: [AllocationInstruction](#), [AllocationReport](#), [ExecutionReport](#), [NewOrderSingle](#), [OrderCancelReplaceRequest](#), [Quote](#), [TradeCaptureReport](#)

### 170.2.4434 RateSourceReferemcePageHeading

Identifies the page heading from the rate source.

Type: [String](#)

Used in groups: [RateSource](#)

### 170.2.4435 RateSourceType

Indicates whether the rate source specified is a primary or secondary source.

Type: [int](#)

Allowed values in RateSourceTypeCodeSet:

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Code	Name	Description
0	Primary	Primary
1	Secondary	Secondary

---

Used in groups: [RateSource](#)

#### **170.2.4436 RawData**

Unformatted raw data, can include bitmaps, word processor documents, etc.

Type: **data**

Used in messages: **Email, Logon, News, UserRequest**

#### **170.2.4437 RawDataLength**

Number of bytes in raw data field.

Type: **Length**

Used in messages: **Email, Logon, News, UserRequest**

#### **170.2.4438 RealizedVariance**

Actual or realized variance of an instrument used to calculate settlement prices, e.g. for variance futures.

Type: **float**

Used in groups: **ClearingPriceParametersGrp**

#### **170.2.4439 ReceivedDeptID**

Identifies the broker-dealer department that first took the order.

Type: **String**

Used in messages: **ExecutionReport, NewOrderSingle, OrderCancelReplaceRequest**

#### **170.2.4440 ReceivingDeptID**

An identifier representing the department or desk within the firm that received the order.

Type: **String**

Used in groups: **SideCrossOrdModGrp**

Used in messages: **ExecutionReport, NewOrderSingle, OrderCancelReplaceRequest**



#### **170.2.4441 RedemptionDate**

Return of investor's principal in a security. Bond redemption can occur before maturity date. (Note tag # was reserved in FIX 4.1, added in FIX 4.3) (prior to FIX 4.4 field was of type UTCDate)

Type: **LocalMktDate**

Used in components: **Instrument**

#### **170.2.4442 RefAllocID**

Reference identifier to be used with AllocTransType (71) = Replace or Cancel.

(Prior to FIX 4.1 this field was of type int)

Type: **String**

Used in messages: **AllocationInstruction, AllocationInstructionAlert, AllocationReport**

#### **170.2.4443 RefApplExtID**

The extension pack number associated with an application message.

Type: **int**

Used in groups: **MsgTypeGrp**

Used in messages: **BusinessMessageReject, Reject**

#### **170.2.4444 RefApplID**

Reference to the unique application identifier which corresponds to ApplID(1180) from the Application Sequence Group component

Type: **String**

Used in groups: **ApplIDReportGrp, ApplIDRequestAckGrp, ApplIDRequestGrp**

#### **170.2.4445 RefApplLastSeqNum**

Application sequence number of last message in transmission.

Type: **SeqNum**

Used in groups: **ApplIDReportGrp, ApplIDRequestAckGrp**

**170.2.4446 RefApplReqID**

Used to reference a previously submitted ApplReqID (1346) from within a subsequent ApplicationMessageRequest(MsgType=BW)

Type: **String**

Used in groups: **ApplIDRequestAckGrp, ApplIDRequestGrp**

**170.2.4447 RefApplVerID**

Specifies the service pack release being applied to a message at the session level. Enumerated field with values assigned at time of service pack release. Uses same values as ApplVerID

Type: **String**

Allowed values in ApplVerIDCodeSet:

Code	Name	Description
0	FIX27	FIX27
1	FIX30	FIX30
2	FIX40	FIX40
3	FIX41	FIX41
4	FIX42	FIX42
5	FIX43	FIX43
6	FIX44	FIX44
7	FIX50	FIX50
8	FIX50SP1	FIX50SP1
9	FIX50SP2	FIX50SP2
10	FIXLatest	FIXLatest

Used in groups: **MsgTypeGrp**

Used in messages: **BusinessMessageReject, Reject**

**170.2.4448 RefClOrdID**

Used to reference an order via ClOrdID(11).

Type: **String**

Used in messages: **ExecutionReport, NewOrderMultileg, NewOrderSingle**

**170.2.4449 RefCompID**

Assigned value used to identify a firm.

Type: **String**

Used in groups: **CompIDReqGrp, CompIDStatGrp**

**170.2.4450 RefCstmAppVerID**

Specifies a custom extension to a message being applied at the session level.

Type: **String**

Used in groups: **MsgTypeGrp**

Used in messages: **BusinessMessageReject, Reject**

**170.2.4451 ReferenceDataDate**

Reference data entry's date-time of the type specified in ReferenceDataDateType(2748).

Type: **UTCTimestamp**

Used in groups: **ReferenceDataDateGrp**

**170.2.4452 ReferenceDataDateGrp**

Used to carry the different date-time stamps related to the reference data entry.

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<b>Name</b>	<b>Mult.</b>	<b>Type</b>	<b>Description</b>
<b>NoReferenceDataDates</b>	[1..1]	NumInGroup	
<b>ReferenceDataDate</b>	[0..1]	UTCTimestamp	Required if NoReferenceDataDates(2746) > 0.
<b>ReferenceDataDateType</b>	[0..1]	CodeSet	

---

Used in components: **InstrumentExtension**

**170.2.4453 ReferenceDataDateType**

Reference data entry's date-time type.

Type: **int**

Allowed values in ReferenceDataDateTypeCodeSet:

Code	Name	Description
0	AdmitToTradeRequestDate	Date of request for admission to trading. In the context of MiFID II ESMA RTS 23 this is defined as "Date and time the issuer has approved admission to trading or trading in its financial instruments on a trading venue." (Reference: Annex I Table 3 Field 9)
1	AdmitToTradeApprovalDate	Date of approval of admission to trading. In the context of MiFID II ESMA RTS 23 this is defined as "Date and time of the request for admission to trading on the trading venue." (Reference: Annex I Table 3 Field 10)
2	AdmitToTradeOrFirstTradeDate	Date of admission to trading or date of first trade. In the context of MiFID II ESMA RTS 23 this is defined as "Date and time of the admission to trading on the trading venue or the date and time when the instrument was first traded or an order or quote was first received by the trading venue." (Reference: Annex I Table 3 Field 11)
3	TerminationDate	Termination date. In the context of MiFID II ESMA RTS 23 this is defined as "Where available, the date and time when the financial instrument ceases to be traded or to be admitted to trading on the trading venue." (Reference: Annex I Table 3 Field 12)

Used in groups: **ReferenceDataDateGrp**

**170.2.4454 ReferenceEntityType**

Specifies the type of reference entity for first-to-default CDS basket contracts.

Type: **int**

Allowed values in ReferenceEntityTypeCodeSet:

Code	Name	Description
1	Asian	Asian
2	AustralianNewZealand	Australian and New Zealand
3	EuropeanEmergingMarkets	European emerging markets
4	Japanese	Japanese
5	NorthAmericanHighYield	North American high yield
6	NorthAmericanInsurance	North American insurance
7	NorthAmericanInvestmentGrade	North American investment grade
8	Singaporean	Singaporean
9	WesternEuropean	Western European
10	WesternEuropeanInsurance	Western European insurance

Used in components: **Instrument**

#### **170.2.4455 ReferencePage**

Identifies the reference "page" from the rate source.

For FX, the reference page to the spot rate to be used for the reference FX spot rate.

When RateSource(1446) = 3 (ISDA Settlement Rate Option) this contains the value from the scheme that reflects the terms of the Annex A to the ISDA 1998 FX and Currency Option Definitions. See: <http://www.fpml.org/coding-scheme/settlement-rate-option>

Type: **String**

Used in groups: **RateSource**

#### **170.2.4456 RefMsgType**

The MsgType (35) of the FIX message being referenced.

Type: **String**

Allowed values in MsgTypeCodeSet:

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	Heartbeat	Heartbeat. The Heartbeat monitors the status of the communication link and identifies when the last of a string of messages was not received.
1	TestRequest	TestRequest. The test request message forces a heartbeat from the opposing application. The test request message checks sequence numbers or verifies communication line status. The opposite application responds to the Test Request with a Heartbeat containing the TestReqID.
2	ResendRequest	ResendRequest. The resend request is sent by the receiving application to initiate the retransmission of messages. This function is utilized if a sequence number gap is detected, if the receiving application lost a message, or as a function of the initialization process.
3	Reject	Reject. The reject message should be issued when a message is received but cannot be properly processed due to a session-level rule violation. An example of when a reject may be appropriate would be the receipt of a message with invalid basic data which successfully passes de-encryption, CheckSum and BodyLength checks.
4	SequenceReset	SequenceReset. The sequence reset message is used by the sending application to reset the incoming sequence number on the opposing side.
5	Logout	Logout. The logout message initiates or confirms the termination of a FIX session. Disconnection without the exchange of logout messages should be interpreted as an abnormal condition.
6	IOI	IOI. Indication of interest messages are used to market merchandise which the broker is buying or selling in either a proprietary or agency capacity. The indications can be time bound with a specific expiration value. Indications are distributed with the understanding that other firms may react to the message first and that the merchandise may no longer be available due to prior trade. Indication messages can be transmitted in various transaction types; NEW, CANCEL, and REPLACE. All message types other than NEW modify the state of the message identified in IOIRefID.
7	Advertisement	Advertisement. Advertisement messages are used to announce completed transactions. The advertisement message can be transmitted in various transaction types; NEW, CANCEL and REPLACE. All message types other than NEW modify the state of a previously transmitted advertisement identified in AdvRefID.

<b>Code</b>	<b>Name</b>	<b>Description</b>
8	ExecutionReport	ExecutionReport. The execution report message is used to: 1. confirm the receipt of an order. 2. confirm changes to an existing order (i.e. accept cancel and replace requests). 3. relay order status information. 4. relay fill information on working orders. 5. relay fill information on tradeable or restricted tradeable quotes. 6. reject orders. 7. report post-trade fees calculations associated with a trade
9	OrderCancelReject	OrderCancelReject. The order cancel reject message is issued by the broker upon receipt of a cancel request or cancel/replace request message which cannot be honored.
A	Logon	Logon. The logon message authenticates a user establishing a connection to a remote system. The logon message must be the first message sent by the application requesting to initiate a FIX session.
B	News	News. The news message is a general free format message between the broker and institution. The message contains flags to identify the news item's urgency and to allow sorting by subject company (symbol). The News message can be originated at either the broker or institution side, or exchanges and other marketplace venues.
C	Email	Email. The email message is similar to the format and purpose of the News message, however, it is intended for private use between two parties.
D	NewOrderSingle	NewOrderSingle. The new order message type is used by institutions wishing to electronically submit securities and forex orders to a broker for execution. The New Order message type may also be used by institutions or retail intermediaries wishing to electronically submit Collective Investment Vehicle (CIV) orders to a broker or fund manager for execution.
E	NewOrderList	NewOrderList. The NewOrderList Message can be used in one of two ways depending on which market conventions are being followed.
F	OrderCancelRequest	OrderCancelRequest. The order cancel request message requests the cancellation of all of the remaining quantity of an existing order. Note that the Order Cancel/Replace Request should be used to partially cancel (reduce) an order).
G	OrderCancelReplaceRequest	OrderCancelReplaceRequest. The order cancel/replace request is used to change the parameters of an existing order. Do not use this message to cancel the remaining quantity of an outstanding order, use the Order Cancel Request message for this purpose.

<b>Code</b>	<b>Name</b>	<b>Description</b>
H	OrderStatusRequest	OrderStatusRequest. The order status request message is used by the institution to generate an order status message back from the broker.
J	AllocationInstruction	AllocationInstruction. The Allocation Instruction message provides the ability to specify how an order or set of orders should be subdivided amongst one or more accounts. In versions of FIX prior to version 4.4, this same message was known as the Allocation message. Note in versions of FIX prior to version 4.4, the allocation message was also used to communicate fee and expense details from the Sellside to the Buyside. This role has now been removed from the Allocation Instruction and is now performed by the new (to version 4.4) Allocation Report and Confirmation messages.,The Allocation Report message should be used for the Sell-side Initiated Allocation role as defined in previous versions of the protocol.
K	ListCancelRequest	ListCancelRequest. The List Cancel Request message type is used by institutions wishing to cancel previously submitted lists either before or during execution.
L	ListExecute	ListExecute. The List Execute message type is used by institutions to instruct the broker to begin execution of a previously submitted list. This message may or may not be used, as it may be mirroring a phone conversation.
M	ListStatusRequest	ListStatusRequest. The list status request message type is used by institutions to instruct the broker to generate status messages for a list.
N	ListStatus	ListStatus. The list status message is issued as the response to a List Status Request message sent in an unsolicited fashion by the sell-side. It indicates the current state of the orders within the list as they exist at the broker's site. This message may also be used to respond to the List Cancel Request.
P	AllocationInstructionAck	AllocationInstructionAck. In versions of FIX prior to version 4.4, this message was known as the Allocation ACK message. The Allocation Instruction Ack message is used to acknowledge the receipt of and provide status for an Allocation Instruction message.
Q	DontKnowTrade	DontKnowTrade. The Don't Know Trade (DK) message notifies a trading partner that an electronically received execution has been rejected. This message can be thought of as an execution reject message.



<b>Code</b>	<b>Name</b>	<b>Description</b>
R	QuoteRequest	QuoteRequest. In some markets it is the practice to request quotes from brokers prior to placement of an order. The quote request message is used for this purpose. This message is commonly referred to as an Request For Quote (RFQ)
S	Quote	Quote. The Quote message is used as the response to a Quote Request or a Quote Response message in both indicative, tradeable, and restricted tradeable quoting markets.
T	SettlementInstructions	SettlementInstructions. The Settlement Instructions message provides the broker's, the institution's, or the intermediary's instructions for trade settlement. This message has been designed so that it can be sent from the broker to the institution, from the institution to the broker, or from either to an independent "standing instructions" database or matching system or, for CIV, from an intermediary to a fund manager.
V	MarketDataRequest	MarketDataRequest. Some systems allow the transmission of real-time quote, order, trade, trade volume, open interest, and/or other price information on a subscription basis. A MarketDataRequest(35=V) is a general request for market data on specific securities or forex quotes. The values in the fields provided within the request will serve as further filter criteria for the result set.
W	MarketDataSnapshotFullRefresh	MarketDataSnapshotFullRefresh. The Market Data messages are used as the response to a Market Data Request message. In all cases, one Market Data message refers only to one Market Data Request. It can be used to transmit a 2-sided book of orders or list of quotes, a list of trades, index values, opening, closing, settlement, high, low, or VWAP prices, the trade volume or open interest for a security, or any combination of these.
X	MarketDataIncrementalRefresh	MarketDataIncrementalRefresh. The Market Data message for incremental updates may contain any combination of new, changed, or deleted Market Data Entries, for any combination of instruments, with any combination of trades, imbalances, quotes, index values, open, close, settlement, high, low, and VWAP prices, trade volume and open interest so long as the maximum FIX message size is not exceeded. All of these types of Market Data Entries can be changed and deleted.
Y	MarketDataRequestReject	MarketDataRequestReject. The Market Data Request Reject is used when the broker cannot honor the Market Data Request, due to business or technical reasons. Brokers may choose to limit various parameters, such as the size of requests, whether just the top of book or the entire book may be displayed, and whether Full or Incremental updates must be used.

Code	Name	Description
Z	QuoteCancel	QuoteCancel. The Quote Cancel message is used by an originator of quotes to cancel quotes. The Quote Cancel message supports cancellation of: <ul style="list-style-type: none"> <li>• All quotes.</li> <li>• Quotes for a specific symbol or security ID.</li> <li>• All quotes for a security type.</li> <li>• All quotes for an underlying</li> </ul>
a	QuoteStatusRequest	QuoteStatusRequest. The quote status request message is used for the following purposes in markets that employ tradeable or restricted tradeable quotes: <ul style="list-style-type: none"> <li>• For the issuer of a quote in a market to query the status of that quote (using the QuoteID to specify the target quote).</li> <li>• To subscribe and unsubscribe for Quote Status Report messages for one or more securities.</li> </ul>
b	MassQuoteAck	MassQuoteAck. Mass Quote Acknowledgement is used as the application level response to a Mass Quote message.
c	SecurityDefinitionRequest	SecurityDefinitionRequest. The SecurityDefinitionRequest(35=c) message is used for the following: <ol style="list-style-type: none"> <li>1. Request a specific security to be traded with the second party. The requested security can be defined as a multileg security made up of one or more instrument legs.</li> <li>2. Request a set of individual securities for a single market segment.</li> <li>3. Request all securities, independent of market segment.</li> </ol>
d	SecurityDefinition	SecurityDefinition. The SecurityDefinition(35=d) message is used for the following: <ol style="list-style-type: none"> <li>1. Accept the security defined in a SecurityDefinition(35=d) message.</li> <li>2. Accept the security defined in a SecurityDefinition(35=d) message with changes to the definition and/or identity of the security.</li> <li>3. Reject the security requested in a SecurityDefinition(35=d) message.</li> <li>4. Respond to a request for securities within a specified market segment.</li> <li>5. Convey comprehensive security definition for all market segments that the security participates in.</li> <li>6. Convey the security's trading rules that differ from default rules for the market segment.</li> </ol>
e	SecurityStatusRequest	SecurityStatusRequest. The Security Status Request message provides for the ability to request the status of a security. One or more Security Status messages are returned as a result of a Security Status Request message.
f	SecurityStatus	SecurityStatus. The Security Status message provides for the ability to report changes in status to a security. The Security Status message contains fields to indicate trading status, corporate actions, financial status of the company. The Security Status message is used by one trading entity (for instance an exchange) to report changes in the state of a security.

<b>Code</b>	<b>Name</b>	<b>Description</b>
g	TradingSessionStatusRequest	TradingSessionStatusRequest. The Trading Session Status Request is used to request information on the status of a market. With the move to multiple sessions occurring for a given trading party (morning and evening sessions for instance) there is a need to be able to provide information on what product is trading on what market.
h	TradingSessionStatus	TradingSessionStatus. The Trading Session Status provides information on the status of a market. For markets multiple trading sessions on multiple-markets occurring (morning and evening sessions for instance), this message is able to provide information on what products are trading on what market during what trading session.
i	MassQuote	MassQuote. The Mass Quote message can contain quotes for multiple securities to support applications that allow for the mass quoting of an option series. Two levels of repeating groups have been provided to minimize the amount of data required to submit a set of quotes for a class of options (e.g. all option series for IBM).
j	BusinessMessageReject	BusinessMessageReject. The Business Message Reject message can reject an application-level message which fulfills session-level rules and cannot be rejected via any other means. Note if the message fails a session-level rule (e.g. body length is incorrect), a session-level Reject message should be issued.
k	BidRequest	BidRequest. The BidRequest Message can be used in one of two ways depending on which market conventions are being followed. In the "Non disclosed" convention (e.g. US/European model) the BidRequest message can be used to request a bid based on the sector, country, index and liquidity information contained within the message itself. In the "Non disclosed" convention the entry repeating group is used to define liquidity of the program. See " Program/Basket/List Trading" for an example. In the "Disclosed" convention (e.g. Japanese model) the BidRequest message can be used to request bids based on the ListOrderDetail messages sent in advance of BidRequest message. In the "Disclosed" convention the list repeating group is used to define which ListOrderDetail messages a bid is being sort for and the directions of the required bids.

Code	Name	Description
l	BidResponse	BidResponse. The Bid Response message can be used in one of two ways depending on which market conventions are being followed. In the "Non disclosed" convention the Bid Response message can be used to supply a bid based on the sector, country, index and liquidity information contained within the corresponding bid request message. See "Program/Basket/List Trading" for an example. In the "Disclosed" convention the Bid Response message can be used to supply bids based on the List Order Detail messages sent in advance of the corresponding Bid Request message.
m	ListStrikePrice	ListStrikePrice. The strike price message is used to exchange strike price information for principal trades. It can also be used to exchange reference prices for agency trades.
n	XMLnonFIX	XMLnonFIX.
o	RegistrationInstructions	RegistrationInstructions. The Registration Instructions message type may be used by institutions or retail intermediaries wishing to electronically submit registration information to a broker or fund manager (for CIV) for an order or for an allocation.
p	RegistrationInstructionsResponse	RegistrationInstructionsResponse. The Registration Instructions Response message type may be used by broker or fund manager (for CIV) in response to a Registration Instructions message submitted by an institution or retail intermediary for an order or for an allocation.
q	OrderMassCancelRequest	OrderMassCancelRequest. The order mass cancel request message requests the cancellation of all of the remaining quantity of a group of orders matching criteria specified within the request. NOTE: This message can only be used to cancel order messages (reduce the full quantity).
r	OrderMassCancelReport	OrderMassCancelReport. The Order Mass Cancel Report is used to acknowledge an Order Mass Cancel Request. Note that each affected order that is canceled is acknowledged with a separate Execution Report or Order Cancel Reject message.
s	NewOrderCross	NewOrderCross. Used to submit a cross order into a market. The cross order contains two order sides (a buy and a sell). The cross order is identified by its CrossID.
t	CrossOrderCancelReplaceRequest	CrossOrderCancelReplaceRequest. Used to modify a cross order previously submitted using the New Order - Cross message. See Order Cancel Replace Request for details concerning message usage.
u	CrossOrderCancelRequest	CrossOrderCancelRequest. Used to fully cancel the remaining open quantity of a cross order.

<b>Code</b>	<b>Name</b>	<b>Description</b>
v	SecurityTypeRequest	SecurityTypeRequest. The Security Type Request message is used to return a list of security types available from a counterparty or market.
w	SecurityTypes	SecurityTypes. The Security Type Request message is used to return a list of security types available from a counterparty or market.
x	SecurityListRequest	SecurityListRequest. The Security List Request message is used to return a list of securities from the counterparty that match criteria provided on the request
y	SecurityList	SecurityList. The Security List message is used to return a list of securities that matches the criteria specified in a Security List Request.
z	DerivativeSecurityListRequest	DerivativeSecurityListRequest. The Derivative Security List Request message is used to return a list of securities from the counterparty that match criteria provided on the request
AA	DerivativeSecurityList	DerivativeSecurityList. The Derivative Security List message is used to return a list of securities that matches the criteria specified in a Derivative Security List Request.
AB	NewOrderMultileg	NewOrderMultileg. The New Order - Multileg is provided to submit orders for securities that are made up of multiple securities, known as legs.
AC	MultilegOrderCancelReplace	MultilegOrderCancelReplace. Used to modify a multileg order previously submitted using the New Order - Multileg message. See Order Cancel Replace Request for details concerning message usage.
AD	TradeCaptureReportRequest	TradeCaptureReportRequest. The Trade Capture Report Request can be used to: <ul style="list-style-type: none"> <li>• Request one or more trade capture reports based upon selection criteria provided on the trade capture report request.</li> <li>• Subscribe for trade capture reports based upon selection criteria provided on the trade capture report request.</li> </ul>
AE	TradeCaptureReport	TradeCaptureReport. The Trade Capture Report message can be: <ul style="list-style-type: none"> <li>- Used to report trades between counterparties.</li> <li>- Used to report trades to a trade matching system.</li> <li>- Sent unsolicited between counterparties.</li> <li>- Sent as a reply to a Trade Capture Report Request.</li> <li>- Used to report unmatched and matched trades.</li> </ul>
AF	OrderMassStatusRequest	OrderMassStatusRequest. The order mass status request message requests the status for orders matching criteria specified within the request.

Code	Name	Description
AG	QuoteRequestReject	QuoteRequestReject. The Quote Request Reject message is used to reject Quote Request messages for all quoting models.
AH	RFQRequest	RFQRequest. In tradeable and restricted tradeable quoting markets – Quote Requests are issued by counterparties interested in ascertaining the market for an instrument. Quote Requests are then distributed by the market to liquidity providers who make markets in the instrument. The RFQ Request is used by liquidity providers to indicate to the market for which instruments they are interested in receiving Quote Requests. It can be used to register interest in receiving quote requests for a single instrument or for multiple instruments
AI	QuoteStatusReport	QuoteStatusReport. The quote status report message is used: <ul style="list-style-type: none"> <li>• as the response to a Quote Status Request message.</li> <li>• as a response to a Quote Cancel message.</li> <li>• as a response to a Quote Response message in a negotiation dialog (see Volume 7 – PRODUCT: FIXED INCOME and USER GROUP: EXCHANGES AND MARKETS)</li> </ul>
AJ	QuoteResponse	QuoteResponse. The QuoteResponse(35=AJ) message is used for the following purposes: <ol style="list-style-type: none"> <li>1. Respond to an IOI(35=6) message.</li> <li>2. Respond to a Quote(35=S) message.</li> <li>3. Counter a Quote.</li> <li>4. End a negotiation dialog.</li> <li>5. Follow-up or end a QuoteRequest(35=R) dialog that did not receive a response.</li> </ol>
AK	Confirmation	Confirmation. The Confirmation messages are used to provide individual trade level confirmations from the sell side to the buy side. In versions of FIX prior to version 4.4, this role was performed by the allocation message. Unlike the allocation message, the confirmation message operates at an allocation account (trade) level rather than block level, allowing for the affirmation or rejection of individual confirmations.
AL	PositionMaintenanceRequest	PositionMaintenanceRequest. The Position Maintenance Request message allows the position owner to submit requests to the holder of a position which will result in a specific action being taken which will affect the position. Generally, the holder of the position is a central counter party or clearing organization but can also be a party providing investment services.
AM	PositionMaintenanceReport	PositionMaintenanceReport. The Position Maintenance Report message is sent by the holder of a position in response to a Position Maintenance Request and is used to confirm that a request has been successfully processed or rejected.

<b>Code</b>	<b>Name</b>	<b>Description</b>
AN	RequestForPositions	RequestForPositions. The Request For Positions message is used by the owner of a position to request a Position Report from the holder of the position, usually the central counter party or clearing organization. The request can be made at several levels of granularity.
AO	RequestForPositionsAck	RequestForPositionsAck. The Request for Positions Ack message is returned by the holder of the position in response to a Request for Positions message. The purpose of the message is to acknowledge that a request has been received and is being processed.
AP	PositionReport	PositionReport. The Position Report message is returned by the holder of a position in response to a Request for Position message. The purpose of the message is to report all aspects of a position and may be provided on a standing basis to report end of day positions to an owner.
AQ	TradeCaptureReportRequestAck	TradeCaptureReportRequestAck. The Trade Capture Request Ack message is used to: - Provide an acknowledgement to a Trade Capture Report Request in the case where the Trade Capture Report Request is used to specify a subscription or delivery of reports via an out-of-band ResponseTransmissionMethod. - Provide an acknowledgement to a Trade Capture Report Request in the case when the return of the Trade Capture Reports matching that request will be delayed or delivered asynchronously. This is useful in distributed trading system environments. - Indicate that no trades were found that matched the selection criteria specified on the Trade Capture Report Request or the Trade Capture Request was invalid for some business reason, such as request is not authorized, invalid or unknown instrument, party, trading session, etc.
AR	TradeCaptureReportAck	TradeCaptureReportAck. The Trade Capture Report Ack message can be: - Used to acknowledge trade capture reports received from a counterparty. - Used to reject a trade capture report received from a counterparty.

<b>Code</b>	<b>Name</b>	<b>Description</b>
AS	AllocationReport	AllocationReport. Sent from sell-side to buy-side, sell-side to 3rd-party or 3rd-party to buy-side, the Allocation Report (Claim) provides account breakdown of an order or set of orders plus any additional follow-up front-office information developed post-trade during the trade allocation, matching and calculation phase. In versions of FIX prior to version 4.4, this functionality was provided through the Allocation message. Depending on the needs of the market and the timing of "confirmed" status, the role of Allocation Report can be taken over in whole or in part by the Confirmation message.
AT	AllocationReportAck	AllocationReportAck. The Allocation Report Ack message is used to acknowledge the receipt of and provide status for an Allocation Report message.
AU	ConfirmationAck	ConfirmationAck. The Confirmation Ack (aka Affirmation) message is used to respond to a Confirmation message.
AV	SettlementInstructionRequest	SettlementInstructionRequest. The Settlement Instruction Request message is used to request standing settlement instructions from another party.
AW	AssignmentReport	AssignmentReport. Assignment Reports are sent from a clearing house to counterparties, such as a clearing firm as a result of the assignment process.
AX	CollateralRequest	CollateralRequest. An initiator that requires collateral from a respondent sends a Collateral Request. The initiator can be either counterparty to a trade in a two party model or an intermediary such as an ATS or clearinghouse in a three party model. A Collateral Assignment is expected as a response to a request for collateral.
AY	CollateralAssignment	CollateralAssignment. Used to assign collateral to cover a trading position. This message can be sent unsolicited or in reply to a Collateral Request message.
AZ	CollateralResponse	CollateralResponse. Used to respond to a Collateral Assignment message.
BA	CollateralReport	CollateralReport. Used to report collateral status when responding to a Collateral Inquiry message.
BB	CollateralInquiry	CollateralInquiry. Used to inquire for collateral status.



Code	Name	Description
BC	NetworkCounterpartySystemStatus-Request	NetworkCounterpartySystemStatusRequest. This message is send either immediately after logging on to inform a network (counterparty system) of the type of updates required or to at any other time in the FIX conversation to change the nature of the types of status updates required. It can also be used with a NetworkRequestType of Snapshot to request a one-off report of the status of a network (or counterparty) system. Finally this message can also be used to cancel a request to receive updates into the status of the counterparties on a network by sending a NetworkRequestStatusMessage with a NetworkRequestType of StopSubscribing.
BD	NetworkCounterpartySystemStatus-Response	NetworkCounterpartySystemStatusResponse. This message is sent in response to a Network (Counterparty System) Status Request Message.
BE	UserRequest	UserRequest. This message is used to initiate a user action, logon, logout or password change. It can also be used to request a report on a user's status.
BF	UserResponse	UserResponse. This message is used to respond to a user request message, it reports the status of the user after the completion of any action requested in the user request message.
BG	CollateralInquiryAck	CollateralInquiryAck. Used to respond to a Collateral Inquiry in the following situations: <ul style="list-style-type: none"> <li>• When the CollateralInquiry will result in an out of band response (such as a file transfer).</li> <li>• When the inquiry is otherwise valid but no collateral is found to match the criteria specified on the Collateral Inquiry message.</li> <li>• When the Collateral Inquiry is invalid based upon the business rules of the counterparty.</li> </ul>
BH	ConfirmationRequest	ConfirmationRequest. The Confirmation Request message is used to request a Confirmation message.
BO	ContraryIntentionReport	ContraryIntentionReport. The Contrary Intention Report is used for reporting of contrary expiration quantities for Saturday expiring options. This information is required by options exchanges for regulatory purposes.
BP	SecurityDefinitionUpdateReport	SecurityDefinitionUpdateReport. This message is used for reporting updates to a product security master file. Updates could be the result of corporate actions or other business events. Updates may include additions, modifications or deletions.

<b>Code</b>	<b>Name</b>	<b>Description</b>
BK	SecurityListUpdateReport	SecurityListUpdateReport. The Security List Update Report is used for reporting updates to a Contract Security Masterfile. Updates could be due to Corporate Actions or other business events. Update may include additions, modifications and deletions.
BL	AdjustedPositionReport	AdjustedPositionReport. Used to report changes in position, primarily in equity options, due to modifications to the underlying due to corporate actions
BM	AllocationInstructionAlert	AllocationInstructionAlert. This message is used in a 3-party allocation model (buy-side and sell-side using a central clearing entity) where notification of group creation and group updates to counterparties is needed. The message will also carry trade information that comprised the group to the counterparties.
BN	ExecutionAck	ExecutionAck. The Execution Report Acknowledgement message is an optional message that provides dual functionality to notify a trading partner that an electronically received execution has either been accepted or rejected (DK'd).
BJ	TradingSessionList	TradingSessionList. The Trading Session List message is sent as a response to a Trading Session List Request. The Trading Session List should contain the characteristics of the trading session and the current state of the trading session.
BI	TradingSessionListRequest	TradingSessionListRequest. The Trading Session List Request is used to request a list of trading sessions available in a market place and the state of those trading sessions. A successful request will result in a response from the counterparty of a Trading Session List (MsgType=BJ) message that contains a list of zero or more trading sessions.
BQ	SettlementObligationReport	SettlementObligationReport. The Settlement Obligation Report message provides a central counterparty, institution, or individual counterparty with a capacity for reporting the final details of a currency settlement obligation.
BR	DerivativeSecurityListUpdateReport	DerivativeSecurityListUpdateReport. The Derivative Security List Update Report message is used to send updates to an option family or the strikes that comprise an option family.
BS	TradingSessionListUpdateReport	TradingSessionListUpdateReport. The Trading Session List Update Report is used by marketplaces to provide intra-day updates of trading sessions when there are changes to one or more trading sessions.
BT	MarketDefinitionRequest	MarketDefinitionRequest. The Market Definition Request message is used to request for market structure information from the Respondent that receives this request.

<b>Code</b>	<b>Name</b>	<b>Description</b>
BU	MarketDefinition	MarketDefinition. The MarketDefinition(35=BU) message is used to respond to MarketDefinitionRequest(35=BT). In a subscription, it will be used to provide the initial snapshot of the information requested. Subsequent updates are provided by the MarketDefinitionUpdateReport(35=BV).
BV	MarketDefinitionUpdateReport	MarketDefinitionUpdateReport. In a subscription for market structure information, this message is used once the initial snapshot of the information has been sent using the MarketDefinition(35=BU) message.
BW	ApplicationMessageRequest	ApplicationMessageRequest. This message is used to request a retransmission of a set of one or more messages generated by the application specified in RefApplID (1355).
BX	ApplicationMessageRequestAck	ApplicationMessageRequestAck. This message is used to acknowledge an Application Message Request providing a status on the request (i.e. whether successful or not). This message does not provide the actual content of the messages to be resent.
BY	ApplicationMessageReport	ApplicationMessageReport. This message is used for three difference purposes: to reset the ApplSeqNum (1181) of a specified ApplID (1180). to indicate that the last message has been sent for a particular ApplID, or as a keep-alive mechanism for ApplIDs with infrequent message traffic.
BZ	OrderMassActionReport	OrderMassActionReport. The Order Mass Action Report is used to acknowledge an Order Mass Action Request. Note that each affected order that is suspended or released or canceled is acknowledged with a separate Execution Report for each order.
CA	OrderMassActionRequest	OrderMassActionRequest. The Order Mass Action Request message can be used to request the suspension or release of a group of orders that match the criteria specified within the request. This is equivalent to individual Order Cancel Replace Requests for each order with or without adding "S" to the ExecInst values. It can also be used for mass order cancellation.
CB	UserNotification	UserNotification. The User Notification message is used to notify one or more users of an event or information from the sender of the message. This message is usually sent unsolicited from a marketplace (e.g. Exchange, ECN) to a market participant.

<b>Code</b>	<b>Name</b>	<b>Description</b>
CC	StreamAssignmentRequest	StreamAssignmentRequest. In certain markets where market data aggregators fan out to end clients the pricing streams provided by the price makers, the price maker may assign the clients to certain pricing streams that the price maker publishes via the aggregator. An example of this use is in the FX markets where clients may be assigned to different pricing streams based on volume bands and currency pairs.
CD	StreamAssignmentReport	StreamAssignmentReport. The StreamAssignmentReport message is in response to the StreamAssignmentRequest message. It provides information back to the aggregator as to which clients to assign to receive which price stream based on requested CCY pair. This message can be sent unsolicited to the Aggregator from the Price Maker.
CE	StreamAssignmentReportACK	StreamAssignmentReportACK. This message is used to respond to the Stream Assignment Report, to either accept or reject an unsolicited assignment.
CF	PartyDetailsListRequest	PartyDetailsListRequest. The PartyDetailsListRequest is used to request party detail information.
CG	PartyDetailsListReport	PartyDetailsListReport. The PartyDetailsListReport message is used to disseminate party details between counterparties. PartyDetailsListReport messages may be sent in response to a PartyDetailsListRequest message or sent unsolicited.
CH	MarginRequirementInquiry	MarginRequirementInquiry. The purpose of this message is to initiate a margin requirement inquiry for a margin account. The inquiry may be submitted at the detail level or the summary level. It can also be used to inquire margin excess/deficit or net position information. Margin excess/deficit will provide information about the surplus or shortfall compared to the previous trading day or a more recent margin calculation. An inquiry for net position information will trigger one or more PositionReport messages instead of one or more MarginRequirementReport messages. If the inquiry is made at the detail level, an Instrument block must be provided with the desired level of detail. If the inquiry is made at the summary level, the Instrument block is not provided, implying a summary request is being made. For example, if the inquiring firm specifies the Security Type of "FUT" in the Instrument block, then a detail report will be generated containing the margin requirements for all futures positions for the inquiring account. Similarly, if the inquiry is made at the summary level, the report will contain the total margin requirement aggregated to the margin account level.

<b>Code</b>	<b>Name</b>	<b>Description</b>
CI	MarginRequirementInquiryAck	MarginRequirementInquiryAck. Used to respond to a Margin Requirement Inquiry.
CJ	MarginRequirementReport	MarginRequirementReport. The Margin Requirement Report returns information about margin requirement either as an overview across all margin accounts or on a detailed level due to the inquiry making use of the optional Instrument component block. Application sequencing can be used to re-request a range of reports.
CK	PartyDetailsListUpdateReport	PartyDetailsListUpdateReport. The PartyDetailsListUpdateReport(35=CK) is used to disseminate updates to party detail information.
CL	PartyRiskLimitsRequest	PartyRiskLimitsRequest. The PartyRiskLimitsRequest message is used to request for risk information for specific parties, specific party roles or specific instruments.
CM	PartyRiskLimitsReport	PartyRiskLimitsReport. The PartyRiskLimitsReport message is used to communicate party risk limits. The message can either be sent as a response to the PartyRiskLimitsRequest message or can be published unsolicited.
CN	SecurityMassStatusRequest	SecurityMassStatusRequest.
CO	SecurityMassStatus	SecurityMassStatus.
CQ	AccountSummaryReport	AccountSummaryReport. The AccountSummaryReport is provided by the clearinghouse to its clearing members on a daily basis. It contains margin, settlement, collateral and pay/collect data for each clearing member level account type. Clearing member account types will be described through use of the Parties component and PtysSubGrp sub-component. In certain usages, the clearing members can send the AccountSummaryReport message to the clearinghouse as needed. For example, clearing members can send this message to the clearinghouse to identify the value of collateral for each customer (to satisfy CFTC Legally Segregated Operationally Commingled (LSOC) regulatory reporting obligations). Clearing organizations can also send the AccountSummaryReport message to regulators to meet regulatory reporting obligations. For example, clearing organizations can use this message to submit daily reports for each clearing member ("CM") by house origin and by each customer origin for all futures, options, and swaps positions, and all securities positions held in a segregated account or pursuant to a cross margining agreement, to a regulator (e.g. to the CFTC to meet Part 39, Section 39.19 reporting obligations).

Code	Name	Description
CR	PartyRiskLimitsUpdateReport	PartyRiskLimitsUpdateReport. The PartyRiskLimitsUpdateReport(35=CR) is used to convey incremental changes to risk limits. It is similar to the regular report but uses the PartyRiskLimitsUpdateGrp component instead of the PartyRiskLimitsGrp component to include an update action.
CS	PartyRiskLimitsDefinitionRequest	PartyRiskLimitsDefinitionRequest. PartyRiskLimitDefinitionRequest is used for defining new risk limits.
CT	PartyRiskLimitsDefinitionRequestAck	PartyRiskLimitsDefinitionRequestAck. PartyRiskLimitDefinitionRequestAck is used for accepting (with or without changes) or rejecting the definition of risk limits.
CU	PartyEntitlementsRequest	PartyEntitlementsRequest. The PartyEntitlementsRequest message is used to request for entitlement information for one or more party(-ies), specific party role(s), or specific instruments(s).
CV	PartyEntitlementsReport	PartyEntitlementsReport. The PartyEntitlementsReport is used to report entitlements for one or more parties, party role(s), or specific instrument(s).
CW	QuoteAck	QuoteAck. The QuoteAck(35=CW) message is used to acknowledge a Quote(35=S) submittal or request to cancel an individual quote using the QuoteCancel(35=Z) message during a Quote/Negotiation dialog.
CX	PartyDetailsDefinitionRequest	PartyDetailsDefinitionRequest. The PartyDetailsDefinitionRequest(35=CX) is used for defining new parties and modifying or deleting existing parties information, including the relationships between parties. The recipient of the message responds with a PartyDetailsDefinitionRequestAck(35=CY) to indicate whether the request was accepted or rejected.
CY	PartyDetailsDefinitionRequestAck	PartyDetailsDefinitionRequestAck. The PartyDetailsDefinitionRequestAck(35=CY) is used as a response to the PartyDetailsDefinitionRequest(35=CX) message. The request can be accepted (with or without changes) or rejected.
CZ	PartyEntitlementsUpdateReport	PartyEntitlementsUpdateReport. The PartyEntitlementsUpdateReport(35=CZ) is used to convey incremental changes to party entitlements. It is similar to the PartyEntitlementsReport(35=CV). This message uses the PartyEntitlementsUpdateGrp component which includes the ability to specify an update action using ListUpdateAction(1324).

Code	Name	Description
DA	PartyEntitlementsDefinitionRequest	PartyEntitlementsDefinitionRequest. The PartyEntitlementsDefinitionRequest(35=DA) is used for defining new entitlements, and modifying or deleting existing entitlements for the specified party(-ies).
DB	PartyEntitlementsDefinitionRequestAck	PartyEntitlementsDefinitionRequestAck. The PartyEntitlementsDefinitionRequestAck(35=DB) is used as a response to the PartyEntitlementsDefinitionRequest(35=DA) to accept (with or without changes) or reject the definition of party entitlements.
DC	TradeMatchReport	TradeMatchReport. The TradeMatchReport(35=DC) message is used by exchanges and ECN's to report matched trades to central counterparties (CCPs) as an atomic event. The message is used to express the one-to-one, one-to-many and many-to-many matches as well as implied matches in which more complex instruments can match with simpler instruments.
DD	TradeMatchReportAck	TradeMatchReportAck. The TradeMatchReportAck(35=DD) is used to respond to the TradeMatchReport(35=DC) message. It may be used to report on the status of the request (e.g. accepting the request or rejecting the request).
DE	PartyRiskLimitsReportAck	PartyRiskLimitsReportAck. PartyRiskLimitsReportAck is an optional message used as a response to the PartyRiskLimitReport(35=CM) or PartyRiskLimitUpdateReport(35=CR) messages to acknowledge or reject those messages.
DF	PartyRiskLimitCheckRequest	PartyRiskLimitCheckRequest. PartyRiskLimitCheckRequest is used to request for approval of credit or risk limit amount intended to be used by a party in a transaction from another party that holds the information.
DG	PartyRiskLimitCheckRequestAck	PartyRiskLimitCheckRequestAck. PartyRiskLimitCheckRequestAck is used to acknowledge a PartyRiskLimitCheckRequest(35=DF) message and to respond whether the limit check request was approved or not. When used to accept the PartyRiskLimitCheckRequest(35=DF) message the Respondent may also include the limit amount that was approved.
DH	PartyActionRequest	PartyActionRequest. The PartyActionRequest message is used suspend or halt the specified party from further trading activities at the Respondent. The Respondent must respond with a PartyActionReport(35=DI) message.

<b>Code</b>	<b>Name</b>	<b>Description</b>
DI	PartyActionReport	PartyActionReport. Used to respond to the PartyActionRequest(35=DH) message, indicating whether the request has been received, accepted or rejected. Can also be used in an unsolicited manner to report party actions, e.g. reinstatements after a manual intervention out of band.
DJ	MassOrder	MassOrder. The MassOrder(35=DJ) message can be used to add, modify or delete multiple unrelated orders with a single message. Apart from clearing related attributes, only the key order attributes for high performance trading are available.
DK	MassOrderAck	MassOrderAck. The mass order acknowledgement message is used to acknowledge the receipt of and the status for a MassOrder(35=DJ) message.
DL	PositionTransferInstruction	PositionTransferInstruction. The PositionTransferInstruction(35=DL) is sent by clearing firms to CCPs to initiate position transfers, or to accept or decline position transfers.
DM	PositionTransferInstructionAck	PositionTransferInstructionAck. The PositionTransferInstructionAck(35=DM) is sent by CCPs to clearing firms to acknowledge position transfer instructions, and to report errors processing position transfer instructions.
DN	PositionTransferReport	PositionTransferReport. The PositionTransferReport(35=DN) is sent by CCPs to clearing firms indicating of positions that are to be transferred to the clearing firm, or to report on status of the transfer to the clearing firms involved in the transfer process.
DO	MarketDataStatisticsRequest	MarketDataStatisticsRequest. The MarketDataStatisticsRequest(35=DO) is used to request for statistical data. The simple form is to use an identifier (MDStatisticID(2475)) assigned by the market place which would denote a pre-defined statistical report. Alternatively, or also in addition, the request can define a number of parameters for the desired statistical information.
DP	MarketDataStatisticsReport	MarketDataStatisticsReport. The MarketDataStatisticsReport(35=DP) is used to provide unsolicited statistical information or in response to a specific request. Each report contains a set of statistics for a single entity which could be a market, a market segment, a security list or an instrument.



<b>Code</b>	<b>Name</b>	<b>Description</b>
DQ	CollateralReportAck	CollateralReportAck. CollateralReportAck(35=DQ) is used as a response to the CollateralReport(35=BA). It can be used to reject a CollateralReport(35=BA) when the content of the report is invalid based on the business rules of the receiver. The message may also be used to acknowledge receipt of a valid CollateralReport(35=BA).
DR	MarketDataReport	MarketDataReport. The MarketDataReport(35=DR) message is used to provide delimiting references (e.g. start and end markers in a continuous broadcast) and details about the number of market data messages sent in a given distribution cycle.
DS	CrossRequest	CrossRequest. The CrossRequest(35=DS) message is used to indicate the submission of orders or quotes that may result in a crossed trade.
DT	CrossRequestAck	CrossRequestAck. The CrossRequestAck(35=DT) message is used to confirm the receipt of a CrossRequest(35=DS) message.
DU	AllocationInstructionAlertRequest	AllocationInstructionAlertRequest. This message is used in a clearinghouse 3-party allocation model to request for AllocationInstructionAlert(35=BM) from the clearinghouse. The request may be used to obtain a one-time notification of the status of an allocation group.
DV	AllocationInstructionAlertRequestAck	AllocationInstructionAlertRequestAck. This message is used in a clearinghouse 3-party allocation model to acknowledge a AllocationInstructionAlertRequest(35=DU) message for an AllocationInstructionAlert(35=BM) message from the clearinghouse.
DW	TradeAggregationRequest	TradeAggregationRequest. TradeAggregationRequest(35=DW) is used to request that the identified trades between the initiator and respondent be aggregated together for further processing.
DX	TradeAggregationReport	TradeAggregationReport. TradeAggregationReport(35=DX) is used to respond to the TradeAggregationRequest(35=DW) message. It provides the status of the request (e.g. accepted or rejected) and may also provide additional information supplied by the respondent.

Code	Name	Description
EA	PayManagementReport	<p>PayManagementReport. PayManagementReport(35=EA) may be used to respond to the PayManagementRequest(35=DY) message. It provides the status of the request (e.g. accepted, disputed) and may provide additional information related to the request. PayManagementReport(35=EA) may also be sent unsolicited by the broker to a client. In which case the client may acknowledge and resolve disputes out-of-band or with a simple PayManagementReportAck(35=EB).</p> <p>PayManagementReport(35=EA) may also be sent unsolicited to report the progress status of the payment itself with PayReportTransType(2804)=2 (Status).</p>
EB	PayManagementReportAck	<p>PayManagementReportAck.</p> <p>PayManagementReportAck(35=EB) is used as a response to the PayManagementReport(35=EA) message. It may be used to accept, reject or dispute the details of the PayManagementReport(35=EA) depending on the business rules of the receiver. This message may also be used to acknowledge the receipt of a PayManagementReport(35=EA) message.</p>
DY	PayManagementRequest	<p>PayManagementRequest. PayManagementRequest(35=DY) message is used to communicate a future or expected payment to be made or received related to a trade or contract after its settlement.</p>
DZ	PayManagementRequestAck	<p>PayManagementRequestAck.</p> <p>PayManagementRequestAck(35=DZ) is used to acknowledge the receipt of the PayManagementRequest(35=DY) message (i.e. a technical acknowledgement of receipt). Acceptance or rejection of the request is reported in the corresponding PayManagementReport(35=EA).</p>
EC	SettlementStatusRequest	<p>SettlementStatusRequest. SettlementStatusRequest(35=EC) is used to request for the settlement status of a trade.</p>
ED	SettlementStatusRequestAck	<p>SettlementStatusRequestAck.</p> <p>SettlementStatusRequestAck(35=ED) is used to respond to the SettlementStatusRequest(35=EC) to acknowledge the request and provide status for the request message.</p>
EE	SettlementStatusReport	<p>SettlementStatusReport. SettlementStatusReport(35=EE) is a response to the SettlementStatusRequest(35=EC) to provide settlement status for the requested trade. It may also be sent unsolicited without an explicit request message by the party able to provide the settlement status for the trade identified in the report message.</p>

Code	Name	Description
EF	SettlementStatusReportAck	SettlementStatusReportAck. SettlementStatusReportAck(35=EF) is used to respond to the SettlementStatusReport(35=EE) to acknowledge or reject the report.

Used in groups: [MsgTypeGrp](#)

Used in messages: [BusinessMessageReject](#), [Reject](#)

#### **170.2.4457 RefOrderID**

The ID reference to the order being hit or taken.

For pre-trade credit/risk limit check process, this is the reference to the placed order, quote request or quote for the credit/risk limit check.

Type: [String](#)

Used in components: [TradeReportOrderDetail](#)

Used in groups: [ListOrdGrp](#)

Used in messages: [ExecutionReport](#), [NewOrderMultileg](#), [NewOrderSingle](#), [PartyRiskLimitCheckRequest](#), [PartyRiskLimitCheckRequestAck](#), [Quote](#)

#### **170.2.4458 RefOrderIDSource**

Used to specify the source for the identifier in RefOrderID(1080). This can be an identifier provided in order depth market data when hitting (taking) a specific order or to identify what type of order or quote reference is being provided when seeking credit limit check. In the context of US CAT this can be used to identify related orders and quotes which are parent, previous, or manual orders or quotes. Previous relates to orders changing their unique system assigned order identifier.

Type: [char](#)

Allowed values in RefOrderIDSourceCodeSet:

Code	Name	Description
0	SecondaryOrderID	Secondary order ID. Can be used to refer to an additional order identifier assigned by the party accepting an order, e.g. SecondaryOrderID(198).
1	OrderID	Order ID. Can be used to refer to an order identifier assigned by the party accepting an order, e.g. OrderID(37).
2	MDEntryID	Market data entry ID. Can be used to refer to a market data entry identifier provided with market data, e.g. MDEntryID(278).
3	QuoteEntryID	Quote entry ID. Can be used to refer to a quote identifier provided with market data or quote, e.g. QuoteEntryID(299).
4	OriginalOrderID	Original order ID. Can be used to refer to an initial order identifier assigned by the party accepting an order, e.g. OrderID(37) that changed.
5	QuoteID	Quote ID. Can be used to refer to a quote identifier assigned by the party issuing the quote, e.g. QuoteID(117).
6	QuoteReqID	Quote request ID. Can be used to refer to a quote identifier or quote request identifier assigned by the party issuing the request, e.g. QuoteReqID(131).
7	PreviousOrderIdentifier	Previous order identifier. Can be used when previously assigned (unique) system order identifier has changed.
8	PreviousQuoteIdentifier	Previous quote identifier. Can be used when previously assigned (unique) quote identifier has changed.
9	ParentOrderIdentifier	Parent order identifier. Can be used where orders are split into child orders and need to refer back to their parent order.
A	ManualOrderIdentifier	Manual order identifier. Can be used to refer to a manually received order that is being replaced by an electronically received order.

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Used in components: [TradeReportOrderDetail](#)

Used in groups: [ListOrdGrp](#)

Used in messages: [ExecutionReport](#), [NewOrderMultileg](#), [NewOrderSingle](#), [PartyRiskLimitCheckRequest](#), [PartyRiskLimitCheckRequestAck](#), [Quote](#)

### 170.2.4459 RefOrdIDReason

The reason for updating the RefOrdID

Type: [int](#)

Allowed values in RefOrdIDReasonCodeSet:

Code	Name	Description
0	GTCFromPreviousDay	GTC from previous day
1	PartialFillRemaining	Partial Fill Remaining
2	OrderChanged	Order Changed

Used in components: [TradeReportOrderDetail](#)

#### **170.2.4460 RefreshIndicator**

Set by the sender to tell the receiver to perform an immediate refresh of the book due to disruptions in the accompanying real-time feed

'Y' - Mandatory refresh by all participants

'N' - Process as required

Type: [Boolean](#)

Used in messages: [MarketDataSnapshotFullRefresh](#)

#### **170.2.4461 RefreshQty**

Defines the quantity used to refresh DisplayQty.

Type: [Qty](#)

Used in components: [DisplayInstruction](#)

#### **170.2.4462 RefRiskLimitCheckID**

The reference identifier of the PartyRiskLimitCheckRequest(35=DF) message, or a similar out of band message, that contained the approval for the risk/credit limit check request.

Type: [String](#)

Used in groups: [TrdCapRptSideGrp](#)

Used in messages: [AllocationInstruction](#), [AllocationReport](#), [ExecutionReport](#)

**170.2.4463 RefRiskLimitCheckIDType**

Specifies which type of identifier is specified in RefRiskLimitCheckID(2334) field.

Type: **int**

Allowed values in RefRiskLimitCheckIDTypeCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	RiskLimitRequestID	RiskLimitRequestID(1666)
1	RiskLimitCheckID	RiskLimitCheckID(2319)
3	OutOfBandID	Out of band identifier

---

Used in groups: **TrdCapRptSideGrp**

Used in messages: **AllocationInstruction, AllocationReport, ExecutionReport**

**170.2.4464 RefSeqNum**

Reference message sequence number

Type: **SeqNum**

Used in messages: **BusinessMessageReject, Reject**

**170.2.4465 RefSubID**

Assigned value used to identify specific elements within a firm.

Type: **String**

Used in groups: **CompIDReqGrp, CompIDStatGrp**

**170.2.4466 RefTagID**

The tag number of the FIX field being referenced.

Type: **int**

Used in messages: **Reject**

#### **170.2.4467 RefTickTableID**

Spread table code referred by the security or symbol.

Type: **int**

Used in components: **Instrument**

#### **170.2.4468 RegistAcctType**

For CIV - a fund manager-defined code identifying which of the fund manager's account types is required.

Type: **String**

Used in messages: **RegistrationInstructions**

#### **170.2.4469 RegistDtls**

Set of Registration name and address details, possibly including phone, fax etc.

Type: **String**

Used in groups: **RgstDtlsGrp**

#### **170.2.4470 RegistEmail**

Email address relating to Registration name and address details

Type: **String**

Used in groups: **RgstDtlsGrp**

#### **170.2.4471 RegistID**

Unique identifier of the registration details as assigned by institution or intermediary.

Type: **String**

Used in messages: **CrossOrderCancelReplaceRequest, ExecutionReport, MultilegOrderCancelReplace, NewOrderCross, NewOrderList, NewOrderMultileg, NewOrderSingle, OrderCancelReplaceRequest, RegistrationInstructions, RegistrationInstructionsResponse**

**170.2.4472 RegistRefID**

Reference identifier for the RegistID(513) with Cancel and Replace RegistTransType(514) transaction types.

Type: **String**

Used in messages: **RegistrationInstructions, RegistrationInstructionsResponse**

**170.2.4473 RegistRejReasonCode**

Reason(s) why Registration Instructions has been rejected.

The reason may be further amplified in the RegistRejReasonCode field.

Possible values of reason code include:

Type: **int**

Allowed values in RegistRejReasonCodeCodeSet:

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<b>Code</b>	<b>Name</b>	<b>Description</b>
1	InvalidAccountType	Invalid/unacceptable Account Type
2	InvalidTaxExemptType	Invalid/unacceptable Tax Exempt Type
3	InvalidOwnershipType	Invalid/unacceptable Ownership Type
4	NoRegDetails	Invalid/unacceptable No Reg Details
5	InvalidRegSeqNo	Invalid/unacceptable Reg Seq No
6	InvalidRegDetails	Invalid/unacceptable Reg Details
7	InvalidMailingDetails	Invalid/unacceptable Mailing Details
8	InvalidMailingInstructions	Invalid/unacceptable Mailing Instructions
9	InvalidInvestorID	Invalid/unacceptable Investor ID
10	InvalidInvestorIDSource	Invalid/unacceptable Investor ID Source
11	InvalidDateOfBirth	Invalid/unacceptable Date Of Birth
12	InvalidCountry	Invalid/unacceptable Investor Country Of Residence
13	InvalidDistribInstns	Invalid/unacceptable No Distrib Instns
14	InvalidPercentage	Invalid/unacceptable Distrib Percentage
15	InvalidPaymentMethod	Invalid/unacceptable Distrib Payment Method
16	InvalidAccountName	Invalid/unacceptable Cash Distrib Agent Acct Name
17	InvalidAgentCode	Invalid/unacceptable Cash Distrib Agent Code
18	InvalidAccountNum	Invalid/unacceptable Cash Distrib Agent Acct Num

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Code	Name	Description
99	Other	Other

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Used in messages: [RegistrationInstructionsResponse](#)

#### **170.2.4474 RegistRejReasonText**

Text indicating reason(s) why a Registration Instruction has been rejected.

Type: [String](#)

Used in messages: [RegistrationInstructionsResponse](#)

#### **170.2.4475 RegistStatus**

Registration status as returned by the broker or (for CIV) the fund manager:

Type: [char](#)

Allowed values in RegistStatusCodeSet:

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Code	Name	Description
A	Accepted	Accepted
R	Rejected	Rejected
H	Held	Held
N	Reminder	Reminder - i.e. Registration Instructions are still outstanding

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Used in messages: [PositionReport](#), [RegistrationInstructionsResponse](#)

#### **170.2.4476 RegistTransType**

Identifies Registration Instructions transaction type

Type: [char](#)

Allowed values in RegistTransTypeCodeSet:

Code	Name	Description
0	New	New
2	Cancel	Cancel
1	Replace	Replace

Used in messages: [RegistrationInstructions](#), [RegistrationInstructionsResponse](#)

### 170.2.4477 RegulatoryLegRefID

Identifies the leg of the trade the entry applies to by referencing the leg's LegID(1788).

Type: [String](#)

Used in groups: [RegulatoryTradeIDGrp](#)

### 170.2.4478 RegulatoryReportType

Type of regulatory report.

Type: [int](#)

Allowed values in RegulatoryReportTypeCodeSet:

Code	Name	Description
0	RT	Real-time (RT). Report of data relating to a regulated transaction including price and volume that is to be disseminated publically. If dissemination is to be suppressed due to an end user exception or to local regulatory rules that allow suppression of certain types of transactions use TradePublishIndicator(1390)=0.
1	PET	Primary economic terms (PET). Report to regulators of the full terms of a regulated transaction included in the legal confirmation.
2	Snapshot	Snapshot. Periodic report of full primary economic terms data throughout the life cycle of a regulated transaction.
3	Confirmation	Confirmation. Report from a clearing organization of a cleared regulated transaction.
4	RTPET	Combination of RT and PET. A single report combining the requirements of both real-time and full primary economy terms of a regulated transaction.

<b>Code</b>	<b>Name</b>	<b>Description</b>
5	PETConfirmation	Combination of PET and confirmation. A single report combining the requirements of both full primary economic terms of a regulated transaction report and confirmation.
6	RTPETConfirmation	Combination of RT, PET and confirmation. A single report combining the requirements of real-time and full primary economic terms of a regulated transaction report, and confirmation.
7	PostTrade	Post-trade valuation. Periodic report of the ongoing mark-to-market value of a regulated transaction.
8	Verification	Verification. Used by the trading counterparty to report its full primary economic terms of a regulated transaction separately to the repository.
9	PstTrdEvt	Post-trade event. Report of a regulated transaction continuation event that does not fall within the requirements for real-time reporting.
10	PstTrdEvtRTReportable	Post trade event RT reportable. Report of a regulated transaction continuation event that falls within the requirements for real-time reporting and public dissemination. If dissemination is to be suppressed due to an end user exception or to local regulatory rules that allow suppression of certain types of transactions, use TradePublishIndicator(1390) = 0 (Do not publish trade).
11	LMTF	Limited Details Trade. Designates a trade in instruments specified in ESMA RTS 2 Article 11 (1)(a)(i) for immediate publication of all details except the quantity. This is ESMA RTS 2 deferral flag "LMTF".
12	DATF	Daily Aggregated Trade. Designates a trade in instruments specified in ESMA RTS 2 Article 11 (1)(a)(ii) for aggregated publication of at least 5 transactions before 9:00 a.m. local time next day. This is ESMA RTS 2 deferral flag "DATF".
13	VOLO	Volume Omission Trade. Designates a trade in instruments specified in ESMA RTS 2 Article 11 (1)(b) for immediate publication of all details except the quantity. This is ESMA RTS 2 deferral flag "VOLO".
14	FWAF	Four Weeks Aggregation Trade. Designates a trade in instruments specified in ESMA RTS 2 Article 11 (1)(c) (non-sovereign debt only) for aggregated publication of transactions executed over the course of one calendar week before 9:00 a.m. local time following Tuesday. This is ESMA RTS 2 deferral flag "FWAF".

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<b>Code</b>	<b>Name</b>	<b>Description</b>
15	IDAF	Indefinite Aggregation Trade. Designates a trade in instruments specified in ESMA RTS 2 Article 11 (1)(d) (sovereign debt only) for aggregated publication of transactions executed over the course of one calendar week before 9:00 a.m. local time following Tuesday. This is ESMA RTS 2 deferral flag "IDAF".
16	VOLW	Volume Omission Trade Eligible for Subsequent Aggregated Enrichment. Designates a trade in instruments specified in ESMA RTS 2 Article 11 (1)(b) and (d) consecutively (sovereign debt only) for immediate publication of all details except the quantity. This is ESMA RTS 2 deferral flag "VOLW".
17	FULF	Full Details Trade of "Limited Details Trade". Full details of a previously reported "limited details trade (LMTF)". Designates a trade in instruments specified in ESMA RTS 2 Article 11 (1)(a)(i) which is a follow-up publication of all details before 7pm local time on the second day after initial publication. This is ESMA RTS deferral flag "FULF".
18	FULA	Full Details of "Daily Aggregated Trade". Full details of a previously reported "daily aggregated trade (DATF)". Designates a trade in instruments specified in RTS 2 Article 11 (1)(a)(ii) which is a follow-up publication of the individual transaction with full details before 7pm local time on the second day after initial publication. This is ESMA RTS 2 deferral flag "FULA".
19	FULV	Full Details of "Volume Omission Trade". Full details of a previously reported "volume omission trade (VOLO)". Designates a trade in instruments specified in ESMA RTS 2 Article 11 (1)(b) which is a follow-up publication of all details before 9 am local time four weeks after initial publication. This is ESMA RTS 2 deferral flag "FULV".
20	FULJ	Full Details of "Four Weeks Aggregation Trade". Full details of a previously reported "four weeks aggregation trade (FWAF)". Designates a trade in instruments specified in ESMA RTS 2 Article 11 (1)(c) (non-sovereign debt only) which is a follow-up publication of the individual transaction with full details before 9 am local time four weeks after initial publication. This is ESMA RTS 2 deferral flag "FULJ".

Code	Name	Description
21	COAF	Full Details in Aggregated Form of "Volume Omission Trade Eligible for Subsequent Aggregated Enrichment". Full details of a previously reported "volume omission trade eligible for subsequent aggregated enrichment (VOLW)". Designates a trade report in instruments specified in ESMA RTS 2 Article 11(1)(b) and (d) consecutively which is an aggregated publication of transactions executed over the course of one calendar week before 9:00 a.m. CET local time the following Tuesday four weeks after initial publication. This is ESMA RTS 2 deferral flag "COAF".
22	Order	Order. Report for order handling events to enter, change or delete orders. In the context of US CAT this is used for the event types MENO, MEOM, MEOJ, and MEOC.
23	ChildOrder	Child order. Report for child order handling events to enter, change or delete child orders. Child orders are created when a (parent) order is split into multiple (child) orders. In the context of US CAT this is used for the event types MECO, MECOM, and MECOC.
24	OrderRoute	Order route. Reported when an order is routed between market participants and/or execution venues such as an exchange. In the context of US CAT this is used for the event types MEOR, MEOA and MEIR.
25	Trade	Trade. Report for trade handling events to enter, change or delete trades. In the context of US CAT this is used for the event types MEOT, MEOF and MEFA.
26	Quote	Quote. Report for quote handling events to enter, change or delete quotes. In the context of US CAT this is used for the event types MENQ, MEQR, and MEQC.
27	Supplement	Supplement. Reported when an order, quote or trade report is split across multiple messages. The recipient must be able to create the full report by combining the initial and supplement reports. In the context of US CAT this is used for the event types MENOS, MEOMS and MEOTS.
28	NewTransaction	New transaction. In the context of EU SFTR reporting this corresponds to "action type" "NEWT".
29	TransactionCorrection	Transaction correction. In the context of EU SFTR reporting this corresponds to "action type" "CORR".
30	TransactionModification	Transaction modification. In the context of EU SFTR reporting this corresponds to "action type" "MODI".

Code	Name	Description
31	CollateralUpdate	Collateral update. In the context of EU SFTR reporting this corresponds to "action type" "COLU" if CollStatus(910)=3 (Assigned (Accepted)), or "REUU" if CollStatus(910)=5 (Reused).
32	MarginUpdate	Margin update. In the context of EU SFTR reporting this corresponds to "action type" "MARU".
33	TransactionReportedInError	Transaction reported in error. In the context of EU SFTR reporting this corresponds to "action type" "EROR".
34	TerminationEarlyTermination	Termination / Early termination. In the context of EU SFTR reporting this corresponds to "action type" "ETRM".

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Used in groups: [MDFullGrp](#), [MDIncGrp](#)

Used in messages: [CollateralReport](#), [ExecutionReport](#), [MarginRequirementReport](#), [NewOrderSingle](#), [PositionReport](#), [Quote](#), [QuoteStatusReport](#), [TradeCaptureReport](#)

#### **170.2.4479 RegulatoryReportTypeBusinessDate**

The business date on which the event identified in [RegulatoryReportType\(1934\)](#) took place.

Type: [LocalMktDate](#)

Used in messages: [CollateralReport](#), [MarginRequirementReport](#), [PositionReport](#), [TradeCaptureReport](#)

#### **170.2.4480 RegulatoryTradeID**

Trade identifier required by government regulators or other regulatory organizations for regulatory reporting purposes. For example, unique swap identifier (USI) as required by the U.S. Commodity Futures Trading Commission.

Type: [String](#)

Used in groups: [RegulatoryTradeIDGrp](#)

#### **170.2.4481 RegulatoryTradeIDEvent**

Identifies the event which caused origination of the identifier in [RegulatoryTradeID\(1903\)](#). When more than one event is the cause, use the higher enumeration value. For example, if the identifier is

originated due to an allocated trade which was cleared and reported, use the enumeration value 2 (Clearing).

Type: **int**

Allowed values in RegulatoryTradeIDEventCodeSet:

Code	Name	Description
0	InitialBlockTrade	Initial block trade.
1	Allocation	Allocation. Determination that the block trade will not be further allocated.
2	Clearing	Clearing
3	Compression	Compression
4	Novation	Novation
5	Termination	Termination
6	PostTrdVal	Post-trade valuation

Used in groups: **RegulatoryTradeIDGrp**

### 170.2.4482 RegulatoryTradeIDGrp

The RegulatoryTradeIDGrp is a repeating component within the TradeCaptureReport message used to report the source, value and relationship of multiple identifiers for the same trade or position.

This component can be used to meet regulatory trade reporting requirements where identifiers such as the Unique Swaps Identifier (USI) in the US or the Unique Trade Identifier (UTI) in Europe and Canada are required to be reported, showing the chaining of these identifiers as needed.

Name	Mult.	Type	Description
NoRegulatoryTradeIDs	[1..1]	NumInGroup	
RegulatoryTradeID	[0..1]	String	Required if NoRegulatoryTradeIDs(1907) > 0.
RegulatoryTradeIDSource	[0..1]	CodeSet	
RegulatoryTradeIDEvent	[0..1]	CodeSet	
RegulatoryTradeIDType	[0..1]	CodeSet	
RegulatoryLegRefID	[0..1]	String	This field may be is used for multi-leg trades sent as a single message to indicate that the entry applies only to a specific leg.
RegulatoryTradeIDScope	[0..1]	CodeSet	

Used in groups: [QuotReqGrp](#)

Used in messages: [AllocationInstruction](#), [AllocationInstructionAck](#), [AllocationReport](#), [AllocationReportAck](#), [CollateralReport](#), [Confirmation](#), [ConfirmationAck](#), [ExecutionAck](#), [ExecutionReport](#), [PositionMaintenanceReport](#), [PositionReport](#), [SettlementStatusReport](#), [SettlementStatusRequest](#), [TradeCaptureReport](#)

### 170.2.4483 RegulatoryTradeIDScope

Specifies the scope to which the RegulatoryTradeID(1903) applies. Used when a trade must be assigned more than one identifier, e.g. one for the clearing member and another for the client on a cleared trade as with the principal model in Europe.

Type: [int](#)

Allowed values in RegulatoryTradeIDScopeCodeSet:

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Code	Name	Description
1	ClearingMember	Clearing member
2	Client	Client

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Used in groups: [RegulatoryTradeIDGrp](#)

### 170.2.4484 RegulatoryTradeIDSource

Identifies the reporting entity that originated the value in RegulatoryTradeID(1903). The reporting entity identifier may be assigned by a regulator or from a supported standard identifier source scheme.

Type: [String](#)

Allowed values in RegulatoryTradeIDSourceCodeSet:

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Code	Name	Description
1	UniqueTransactionIdentifier	Unique Transaction Identifier (ISO 23897)

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Used in groups: [RegulatoryTradeIDGrp](#)



**170.2.4485 RegulatoryTradeIDType**

Specifies the type of trade identifier provided in RegulatoryTradeID(1903).

Contextual hierarchy of events for the same trade or transaction maybe captured through use of the different RegulatoryTradeIDType(1906) values using multiple instances of the repeating group as needed for regulatory reporting.

Type: **int**

Allowed values in RegulatoryTradeIDTypeCodeSet:

Code	Name	Description
0	Current	Current. The default if not specified.
1	Previous	Previous. The previous trade's identifier when reporting a cleared trade or novation of a previous trade.
2	Block	Block. The block trade's identifier when reporting an allocated subtrade.
3	Related	Related. The related trade identifier when reporting a mixed swap.
4	ClearedBlockTrade	Cleared block trade. Assigned by the CCP to a bunched order/trade when it needs to be cleared with the standby clearing firm prior to post-trade allocation.
5	TradingVenueTransactionIdentifier	Trading venue transaction identifier. Assigned by the trading venue to a transaction. In the context of ESMA RTS 22 and RTS 24, this is an unique transaction identification "number generated by trading venues and disseminated to both the buying and selling parties in accordance with Article 12 of [RTS 24 on the maintenance of relevant data relating to orders in financial instruments under Article 25 of Regulation 600/2014 EU]." (quoted text from RTS 22). "Uniqueness" may be defined per relevant regulations.
6	ReportTrackingNumber	Report tracking number. In the context of EMIR Refit this is a "unique code assigned to the execution of an order and common for a group of reports related to the same execution" (see Q28 in <a href="https://www.esma.europa.eu/sites/default/files/library/esma74-362-2281_final_report_guidelines_emir_refit.pdf">https://www.esma.europa.eu/sites/default/files/library/esma74-362-2281_final_report_guidelines_emir_refit.pdf</a> ). Also referred to as the RTN.

Used in groups: **RegulatoryTradeIDGrp**

**170.2.4486 RegulatoryTransactionType**

Specifies the regulatory mandate or rule that the transaction complies with.

Type: **int**

Allowed values in RegulatoryTransactionTypeCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	None	None (default if not specified). The transaction does not fall under any special regulatory rule or mandate.
1	SEFRequiredTransaction	Swap Execution Facility (SEF) required transaction. The transaction is a "Required" transaction under Dodd-Frank Act SEF Rules. "Required" transactions are subject to the trade execution mandate under section 2(h)(8) of the CEA and are not block trades.
2	SEFPermittedTransaction	Swap Execution Facility (SEF) permitted transaction. The transaction is a "Permitted" transaction under Dodd-Frank Act SEF Rules. "Permitted" transactions are not subject to the clearing and trade execution mandates, illiquid or bespoke swaps, or block trades.

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Used in groups: **QuotReqGrp**

Used in messages: **ExecutionReport, QuoteResponse, TradeCaptureReport**

**170.2.4487 RejectText**

Identifies the reason for rejection.

Type: **String**

Used in groups: **PartyDetailAckGrp, PartyEntitlementAckGrp, PartyRiskLimitsAckGrp**

Used in messages: **AllocationInstructionAck, AllocationInstructionAlertRequestAck, AllocationReportAck, CollateralReportAck, CollateralResponse, ExecutionReport, MassOrderAck, OrderCancelReject, PartyActionReport, PartyDetailsListReport, PartyEntitlementsReport, PartyRiskLimitCheckRequestAck, PartyRiskLimitsReport, PartyRiskLimitsReportAck, PayManagementReport, PayManagementReportAck, PositionMaintenanceReport, PositionTransferInstructionAck, PositionTransferReport, QuoteAck, QuoteStatusReport, SettlementStatusReportAck, SettlementStatusRequestAck, TradeAggregationReport, TradeCaptureReport, TradeCaptureReportAck, TradeMatchReportAck**

**170.2.4488 RelatedClosePrice**

Closing price of the underlying required to calculate the RealizedVariance(2587).

Type: [Price](#)

Used in groups: [ClearingPriceParametersGrp](#)

**170.2.4489 RelatedHighPrice**

Upper boundary for the price of a related entity, e.g. price of the underlying instrument in an Underlying Price Contingency (UPC) order.

Type: [Price](#)

Used in messages: [ExecutionReport](#), [MultilegOrderCancelReplace](#), [NewOrderMultileg](#)

**170.2.4490 RelatedInstrumentGrp**

The RelatedInstrumentGrp is a repeating component at the same hierarchical level as the Instrument component, describing relationships and linkages between the Instrument, UnderlyingInstrument and InstrumentLeg entries. If all instances of the UnderlyingInstrument in the message are true underliers of the Instrument then the RelatedInstrumentGrp component is not needed. If any instance of the UnderlyingInstrument has a different relationship, e.g. underlier of an InstrumentLeg, stream, equity equivalent or nearest exchange-traded contract or there are multiple instances of InstrumentLeg, then an entry for every relationship should be included in this component. When the RelatedInstrumentGrp appears within a repeating group, each entry only apply to the Instrument component at the same hierarchical level.

In messages, such as Email(35=C) and News(35=B), where Instrument and the InstrumentLeg are within their repeating groups, the RelatedInstrumentGrp component may be used to link legs and underliers to their appropriate base Instrument.

---

<b>Name</b>	<b>Mult.</b>	<b>Type</b>	<b>Description</b>
<a href="#">NoRelatedInstruments</a>	[1..1]	NumInGroup	
<a href="#">RelatedInstrumentType</a>	[0..1]	CodeSet	Conditionally required when NoRelatedInstruments > 0

Name	Mult.	Type	Description
RelatedSymbol	[0..1]	String	Either RelatedSymbol(1649) or RelatedSecurityID(1650) must be specified. For RelatedInstrumentType(1648)=1 ("hedges for" instrument) this would be the instrument being used to offset the option Instrument. If one of the "related to" fields is specified, this is the UnderlyingSymbol(311) of an underlying instrument defining the related security in the current message.
RelatedSecurityID	[0..1]	String	Either RelatedSymbol(1649) or RelatedSecurityID(1650) must be specified. If one of the "related to" fields is specified, this is the UnderlyingSecurityID(309) of an underlying instrument defining the related security in the current message.
RelatedSecurityIDSource	[0..1]	CodeSet	Conditionally required when RelatedSecurityID(1650) is specified.
RelatedSecurityType	[0..1]	CodeSet	May be omitted if RelatedSecurityID(1650) or RelatedSymbol(1649) refers to an underlying instrument in the current message.
RelatedMaturityMonthYear	[0..1]	MonthYear	May be omitted if RelatedSecurityID(1650) or RelatedSymbol(1649) refers to an underlying instrument in the current message.
RelatedToSecurityID	[0..1]	String	Mutually exclusive with RelatedToStreamXIDRef(2415) and RelatedToDividendPeriodXIDRef(2417). If correlation is with the security in Instrument component then all "related to" fields may be omitted.
RelatedToSecurityIDSource	[0..1]	CodeSet	Conditionally required when RelatedToSecurityID(2413) is specified.
RelatedToStreamXIDRef	[0..1]	XIDREF	Mutually exclusive with RelatedToSecurityID(2413) and RelatedToDividendPeriodXIDRef(2417). If correlation is with the security in Instrument component then all "related to" fields may be omitted.
RelatedToDividendPeriodXIDRef	[0..1]	XIDREF	Mutually exclusive with RelatedToSecurityID(2413) and RelatedToStreamXIDRef(2415). If correlation is with the security in Instrument component then all "related to" fields may be omitted.

Used in groups: [InstrmtGrp](#), [InstrmtMDReqGrp](#), [MDIncGrp](#), [SecListGrp](#), [SecLstUpdRelSymGrp](#), [SecMassStatGrp](#)

Used in messages: [Advertisement](#), [IOI](#), [MarketDataSnapshotFullRefresh](#), [MarketDataStatisticsReport](#), [MarketDataStatisticsRequest](#), [PositionMaintenanceReport](#), [PositionMaintenanceRequest](#), [PositionReport](#), [SecurityDefinition](#), [SecurityDefinitionRequest](#), [SecurityDefinitionUpdateReport](#), [SecurityListRequest](#), [SecurityStatus](#), [SecurityStatusRequest](#), [TradeCaptureReport](#)

### **170.2.4491 RelatedInstrumentType**

The type of instrument relationship

Type: [int](#)

Allowed values in RelatedInstrumentTypeCodeSet:

Code	Name	Description
1	HedgesForInstrument	"hedges for" instrument
2	Underlier	Underlier
3	EquityEquivalent	Equity equivalent
4	NearestExchangeTradedContract	Nearest exchange traded contract
5	RetailEquivalent	Retail equivalent of wholesale instrument.
6	Leg	Leg. Used to associate or link InstrumentLeg to Instrument in messages where there can be multiple instruments, such as in Email(35=C) and News(35=B) messages.

Used in groups: [RelatedInstrumentGrp](#)

### **170.2.4492 RelatedLowPrice**

Lower boundary for the price of a related entity, e.g. price of the underlying instrument in an Underlying Price Contingency (UPC) order.

Type: [Price](#)

Used in messages: [ExecutionReport](#), [MultilegOrderCancelReplace](#), [NewOrderMultileg](#)

### **170.2.4493 RelatedMarketSegmentGrp**

This component is used to identify market segments that are related to each other for a business purpose. This component should not be used in lieu of available explicit FIX fields that denote specific

relationships (e.g. ParentMktSegmID(1325) for parent market segments), but rather should be used when no such fields exist.

---

<b>Name</b>	<b>Mult.</b>	<b>Type</b>	<b>Description</b>
NoRelatedMarketSegments	[1..1]	NumInGroup	Number of market segments.
RelatedMarketSegmentID	[0..1]	String	Required if NoRelatedMarketSegments (2545) > 0.
MarketSegmentRelationship	[0..1]	CodeSet	

---

Used in messages: [MarketDefinition](#), [MarketDefinitionUpdateReport](#)

#### **170.2.4494 RelatedMarketSegmentID**

Identifies a related market segment.

Type: [String](#)

Used in groups: [RelatedMarketSegmentGrp](#)

#### **170.2.4495 RelatedMaturityMonthYear**

Expiration date for the related instrument contract.

Type: [MonthYear](#)

Used in groups: [RelatedInstrumentGrp](#)

#### **170.2.4496 RelatedOrderGrp**

This component is used to identify orders that are related to the order identified outside of this component for a business purpose. For example, the bundling of multiple orders into a single order. This component should not be used in lieu of explicit FIX fields that denote specific semantic relationships, but rather should be used when no such fields exist.

---

<b>Name</b>	<b>Mult.</b>	<b>Type</b>	<b>Description</b>
NoOrders	[1..1]	NumInGroup	
RelatedOrderID	[0..1]	String	Required if NoOrders(73) > 0.
RelatedOrderIDSource	[0..1]	CodeSet	The same value must be used for all orders having the same OrderRelationship(2890) value.

---

Name	Mult.	Type	Description
RelatedOrderTime	[0..1]	UTCTimestamp	
RelatedOrderQty	[0..1]	Qty	
OrderRelationship	[0..1]	CodeSet	May be used to explicitly express the type of relationship or to provide orders having different relationships.
OrderOriginationFirmID	[0..1]	String	May be used when aggregating orders that were originally submitted by different firms, e.g. due to a merger or acquisition.

Used in components: [TradeReportOrderDetail](#)

Used in messages: [ExecutionReport](#)

#### 170.2.4497 RelatedOrderID

Identifier of a related order.

Type: [String](#)

Used in groups: [RelatedOrderGrp](#)

#### 170.2.4498 RelatedOrderIDSource

Describes the source of the identifier that [RelatedOrderID\(2887\)](#) represents.

Type: [int](#)

Allowed values in [RelatedOrderIDSourceCodeSet](#):

Code	Name	Description
0	NonFIXSource	Non-FIX Source
1	SystemOrderIdentifier	Order identifier. Can be used to refer to an order identifier assigned by the party accepting the order, e.g. <a href="#">OrderID(37)</a> .
2	ClientOrderIdentifier	Client order identifier. Can be used to refer to an order identifier assigned by the party initiating the order, e.g. <a href="#">CLOrID(11)</a> .
3	SecondaryOrderIdentifier	Secondary order identifier. Can be used to refer to an additional order identifier assigned by the party accepting the order, e.g. <a href="#">SecondaryOrderID(198)</a> .

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Code	Name	Description
4	SecondaryClientOrderIdentifier	Secondary client order identifier. Can be used to refer to an additional order identifier assigned by the party initiating the order, e.g. SecondaryCOrdID(526).

---

Used in groups: [RelatedOrderGrp](#)

#### **170.2.4499 RelatedOrderQty**

Quantity of the related order which can be less than its total quantity. For example, when only parts of an order contribute to an aggregated order.

Type: [Qty](#)

Used in groups: [RelatedOrderGrp](#)

#### **170.2.4500 RelatedOrderTime**

Timestamp for the assignment of a (unique) identifier to an order.

Type: [UTCTimestamp](#)

Used in groups: [RelatedOrderGrp](#)

#### **170.2.4501 RelatedPartyDetailAltID**

An alternate party identifier for the party specified in RelatedPartyID(1563).

Type: [String](#)

Used in groups: [RelatedPartyDetailAltIDGrp](#)

#### **170.2.4502 RelatedPartyDetailAltIDGrp**

Alternative identifiers for parties related to the party specified in the PartyDetailGrp.

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Name	Mult.	Type	Description
<a href="#">NoRelatedPartyDetailAltID</a>	[1..1]	NumInGroup	
<a href="#">RelatedPartyDetailAltID</a>	[0..1]	String	Required when NoRelatedPartyDetailAltID > 0.

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Name	Mult.	Type	Description
RelatedPartyDetailAltIDSource	[0..1]	CodeSet	Required when NoRelatedPartyDetailAltID > 0.
RelatedPartyDetailAltSubGrp	[0..*]	Group	

Used in groups: [RelatedPartyDetailGrp](#)

### 170.2.4503 RelatedPartyDetailAltIDSource

Identifies the source of the RelatedPartyDetailAltID(1570) value.

Type: **char**

Allowed values in PartyIDSourceCodeSet:

Code	Name	Description
1	KoreanInvestorID	Korean Investor ID
6	UKNationalInsuranceOrPension-Number	UK National Insurance or Pension Number
B	BIC	BIC (Bank Identification Code - SWIFT managed) code (ISO9362 - See "Appendix 6-B")
I	ISITCAcronym	Directed broker three character acronym as defined in ISITC "ETC Best Practice" guidelines document
2	TaiwaneseForeignInvestorID	Taiwanese Qualified Foreign Investor ID QFII/FID
7	USSocialSecurityNumber	US Social Security Number
C	GeneralIdentifier	Generally accepted market participant identifier (e.g. NASD mnemonic)
3	TaiwaneseTradingAcct	Taiwanese Trading Acct
8	USEmployerOrTaxIDNumber	US Employer or Tax ID Number
D	Proprietary	Proprietary / Custom code. Custom ID schema used between counterparties, trading platforms and repositories.
4	MalaysianCentralDepository	Malaysian Central Depository (MCD) number
9	AustralianBusinessNumber	Australian Business Number
E	ISOCountryCode	ISO Country Code
5	ChineseInvestorID	Chinese Investor ID
A	AustralianTaxFileNumber	Australian Tax File Number
F	SettlementEntityLocation	Settlement Entity Location (note if Local Market Settlement use "E=ISO Country Code") (see "Appendix 6-G" for valid values)

Code	Name	Description
G	MIC	Market Identifier Code (ISO 10383) MIC
J	TaxID	Tax ID
H	CSDParticipant	CSD participant/member code (e.g. Euroclear, DTC, CREST or Kassenverein number)
K	AustralianCompanyNumber	Australian Company Number
L	AustralianRegisteredBodyNumber	Australian Registered Body Number
M	CFTCReportingFirmIdentifier	CFTC reporting firm identifier
N	LegalEntityIdentifier	Legal Entity Identifier (ISO 17442) LEI
O	InterimIdentifier	Interim identifier. An interim entity identifier assigned by a regulatory agency prior to an LEI (ISO 17442) being assigned.
P	ShortCodeIdentifier	Short code identifier. A generic means for trading venues, brokers, investment managers to convey a bilaterally agreed upon "short hand" code for an identifier that is a reference to a mapping between the parties.
Q	NationalIDNaturalPerson	National ID of natural person. An identification number generally assigned by a government authority or agency to a natural person which is unique to the person it is assigned to. Examples include, but not limited to, "social security number", "pension number".
R	IndiaPermanentAccountNumber	India Permanent Account Number. Also referred to as PAN ID. An identifier issued by the Income Tax Department of India.
S	FDID	Firm designated identifier. Also referred to as FDID. A unique identifier required by the SEC for each trading account designated by Industry Members for purposes of reporting to CAT (Consolidated Audit Trail).
T	SPSAID	Special Segregated Account ID. Also referred to as SPSA ID. The Special Segregated Account identifier issued by Hong Kong Exchanges and Clearing.
U	MasterSPSAID	Master Special Segregated Account ID. Also referred to as Master SPSA ID. The master identifier issued by Hong Kong Exchanges and Clearing for the aggregation of SPSA IDs.

Used in groups: [RelatedPartyDetailAltIDGrp](#)

#### 170.2.4504 RelatedPartyDetailAltSubGrp

Sub identifiers for related parties alternate identifiers.

Name	Mult.	Type	Description
NoRelatedPartyDetailAltSubIDs	[1..1]	NumInGroup	
RelatedPartyDetailAltSubID	[0..1]	String	Required when NoRelatedPartyDetailAltSubIDs > 0.
RelatedPartyDetailAltSubIDType	[0..1]	CodeSet	Required when NoRelatedPartyDetailAltSubIDs > 0.

Used in groups: [RelatedPartyDetailAltIDGrp](#)

### 170.2.4505 RelatedPartyDetailAltSubID

Sub-identifier for the party specified in RelatedPartyDetailAltID(1570).

Type: [String](#)

Used in groups: [RelatedPartyDetailAltSubGrp](#)

### 170.2.4506 RelatedPartyDetailAltSubIDType

Type of RelatedPartyDetailAltSubID(1573) value.

Type: [int](#)

Allowed values in PartySubIDTypeCodeSet:

Code	Name	Description
1	Firm	Firm
2	Person	Person
3	System	System
4	Application	Application
5	FullLegalNameOfFirm	Full legal name of firm
6	PostalAddress	Postal address
7	PhoneNumber	Phone number
8	EmailAddress	Email address
9	ContactName	Contact name
10	SecuritiesAccountNumber	Securities account number (for settlement instructions)
11	RegistrationNumber	Registration number (for settlement instructions and confirmations)

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<b>Code</b>	<b>Name</b>	<b>Description</b>
12	RegisteredAddressForConfirmation	Registered address (for confirmation purposes)
13	RegulatoryStatus	Regulatory status (for confirmation purposes)
14	RegistrationName	Registration name (for settlement instructions)
15	CashAccountNumber	Cash account number (for settlement instructions)
16	BIC	BIC
17	CSDParticipantMemberCode	CSD participant member code
18	RegisteredAddress	Registered address
19	FundAccountName	Fund account name
20	TelexNumber	Telex number
21	FaxNumber	Fax number
22	SecuritiesAccountName	Securities account name
23	CashAccountName	Cash account name
24	Department	Department
25	LocationDesk	Location desk
26	PositionAccountType	Position account type
27	SecurityLocateID	Security locate ID
28	MarketMaker	Market maker
29	EligibleCounterparty	Eligible counterparty
30	ProfessionalClient	Professional client
31	Location	Location
32	ExecutionVenue	Execution venue
33	CurrencyDeliveryIdentifier	Currency delivery identifier
34	AddressCity	Address City
35	AddressStateOrProvince	Address State/Province
36	AddressPostalCode	Address Postal Code
37	AddressStreet	Address Street
38	AddressISOCountryCode	Address Country (ISO country code)
39	ISOCountryCode	ISO country code
40	MarketSegment	Market segment
41	CustomerAccountType	Customer account type
42	OmnibusAccount	Omnibus account
43	FundsSegregationType	Funds segregation type

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Code	Name	Description
44	GuaranteeFund	Guarantee fund. Identifies a guarantee fund related to an account. Used when one account has multiple funds of collateral, each guaranteeing different positions. Can be used for PartyRole(452) = Customer Account(24).
45	SwapDealer	Swap dealer. The US regulator's defined term for identifying the trade counterparty as "any person who holds itself out as a dealer in swaps, makes a market in swaps, regularly enters into swaps with counterparties as an ordinary course of business for its own account, or engages in activity causing itself to be commonly known in the trade as a dealer or market maker in swaps".
46	MajorParticipant	Major participant. When PartySubID(523)=Y the counterparty is not the swap dealer but is a major swap participant as defined in the regulations.
47	FinancialEntity	Financial entity. When PartySubID(523)=Y the counterparty is neither a swap dealer nor a major swap participant but is a financial entity as defined in the regulations.
48	USPerson	U.S. person. A legal term referring to any U.S. person or legal entity anywhere in the world that should be taxed under U.S. law.
49	ReportingEntityIndicator	Reporting entity indicator. Indicates the entity obligated or delegated to report to their regulator, a non-regulatory agency or data repository. Set PartySubID(523)=Y if true.
50	ElectedClearingRequirementException	Elected clearing requirement exception
51	BusinessCenter	Business center.
52	ReferenceText	Reference text
53	ShortMarkingExemptAccount	Short-marking exempt account
54	ParentFirmIdentifier	Parent firm identifier. Implementation-specific identifier of this party's parent entity.
55	ParentFirmName	Parent firm name. Full name of this party's parent entity.
56	DealIdentifier	Deal identifier. The internal identifier assigned to the trade by this party, particularly by a Clearing Organization.
57	SystemTradeID	System trade identifier
58	SystemTradeSubID	System trade sub-identifier
59	FCMCode	Futures Commission Merchant (FCM) code. The FCM's code or identifier in relation to the PartyRole(452). For example, if PartyRole(452) is the exchange or clearinghouse, the FCM code/ID specified in PartySubID(523) is the FCM's identifier at the exchange or clearinghouse.

Code	Name	Description
60	DlvryTrmlCode	Delivery terminal customer account/code. Usually used for gas delivery to identify whose account the gas is allocated to at the delivery terminal. Often referred to as "HUB" code.
61	VolntyRptEntity	Voluntary reporting entity. The entity voluntarily reporting the trade to the regulator. Set PartySubID(523)=Y if true.
62	RptObligJurisdiction	Reporting obligation jurisdiction. For a trade that falls under multiple jurisdictions this may be used to identify, through PartySubID(523), the reporting jurisdiction to which the party is obligated to report.
63	VolntyRptJurisdiction	Voluntary reporting jurisdiction. For a trade that falls under multiple jurisdictions this may be used to identify, through PartySubID(523), the regulatory jurisdiction to which the party is submitting a voluntary report.
64	CompanyActivities	Company activities. For regulatory reporting. ID values include: A = Assurance undertaking authorized in accordance with Directive 2002/83/EC C=Credit institution authorized in accordance with Directive 2006/48/EC F=Investment firm in accordance with Directive 2004/39/EC I=Insurance undertaking authorized in accordance with Directive 73/239/EC L=Alternative investment fund managed by AIFMs authorized or registered in accordance with Directive 2011/61/EC O=Institution for occupational retirement provision within the meaning of Article 6(a) of Directive 2003/41/EC R=Reinsurance undertaking authorized in accordance with Directive 2005/68/EC U=UCITS and its management company, authorized in accordance with Directive 2009/65/EC or blank in case of coverage by LEI or in case of non-financial counterparties. In the context of EU SFTR reporting use the appropriate 4- or 1-character code noted in the regulations. See SFTR ITS "Commission Implementing Regulation (EU) 2019/363" Annexes 1 and 2 for values.
65	EEAreaDomiciled	European Economic Area domiciled. ID values: Y or N
66	ContractLinked	Contract linked to commercial or treasury financing for this counterparty. ID values: Y or N
67	ContractAbove	Contract above clearing threshold for this counterparty. ID values: Y or N
68	VolntyRptPty	Voluntary reporting party. When PartySubID(523)=Y, identifies that the trading party is reporting voluntarily when VoluntaryRegulatoryReport(1935)=Y.
69	EndUser	End user. When PartySubID(523)=Y, the counterparty is neither the swap dealer, major swap participant nor financial entity as defined in the regulations.

Code	Name	Description
70	LocationOrJurisdiction	Location or jurisdiction. One or more instances may be used in combination with PartySubIDType(803) = 49 (Reporting entity indicator) or 102 (Data repository) to identify the jurisdiction, countries, regions or provinces for which the party is a reporting entity or data repository when that characteristic is ambiguous or where there are multiple locations. The party sub-ID value is either a jurisdiction acronym, a 2-character ISO 3166 country code, or a hyphenated combination of the country code and the standard post-office abbreviation for province, state or region if necessary. E.g. "US" for United States or "CA-QC" for Quebec Canada.
71	DerivativesDealer	Derivatives dealer. Indicates whether the party is a derivatives dealer or not (Y/N). The Canadian regulator's defined term for identifying the trade counterparty as "a person or company engaging in or holding himself, herself or itself out as engaging in the business of trading in derivatives in Ontario as principal or agent".
72	Domicile	Domicile. Country and optionally province, state or region of domicile. The party sub-ID value is either a 2-character ISO 3166 country code or a hyphenated combination of the country code and the standard post-office abbreviation of province, state or region if necessary. E.g. "US" for United States or "CA-QC" for Quebec Canada.
73	ExemptFromRecognition	Exempt from recognition. Used with party role 21 "Clearing Organization" to indicate exemption (Y/N). Identifies a clearing agency as exempt from oversight in Ontario, i.e. one that 1) only provides limited services and does not present significant risks or 2) is foreign-based, intends to operate in Ontario but is subject to regulatory oversight in another jurisdiction.
74	Payer	Payer. Identifies the party as the payer of a particular payment stream or bullet payment by quoting the stream's StreamDesc(40051) (or LegStreamDesc(40243) or UnderlyingStreamDesc(40542)) or payment's PaymentDesc(43087) in the associated party sub-identifier field.
75	Receiver	Receiver. Identifies the party as the receiver of a particular payment stream or bullet payment by quoting the stream's StreamDesc(40051) (or LegStreamDesc(40243) or UnderlyingStreamDesc(40542)) or payment's PaymentDesc(43087) in the associated party sub-identifier field.

Code	Name	Description
76	SystematicInternaliser	Systematic Internaliser (SI). In the context of ESMA reporting, this is used to indicate whether the specified party is a Systematic Internaliser or not for the security defined in the Instrument component (Y/N).
77	PublishingEntityIndicator	Publishing entity indicator. Indicates the entity obligated or delegated to publish to the market. Set PartySubID(523)=Y if true.
78	FirstName	First name. The first name(s) of a natural person. If multiple names, separate entries by a comma.
79	Surname	Surname. The surname(s) or lastname(s) of a natural person. If multiple names, separate entries by a comma.
80	DateOfBirth	Date of birth. The date of birth of a natural person in the format YYYYMMDD.
81	OrderTransmittingFirm	Order transmitting firm. Identifies whether the party specified in PartyID(448) is the firm that transmitted the order. In the context of RTS 22 Article 4, when "true" the PartySubID(523)=Y shall be set "by the transmitting firm within the transmitting firm's report where conditions for transmission specified in Article 4 were not satisfied."
82	OrderTransmittingFirmBuyer	Order transmitting firm for buyer. Identifies the firm that transmitted the order for the buyer. In the context of ESMA RTS 22, PartySubID(523)=Y is used to indicate the firm identified in PartyID(448) is the firm that transmitted the order for the buyer. "This shall be populated by the receiving firm within the receiving firm's report with the identification code provided by the transmitting firm."
83	OrderTransmitterSeller	Order transmitter for seller. Identifies the order transmitting firm for the seller. In the context of ESMA RTS 22, PartySubID(523)=Y is used to indicate the firm identified in PartyID(448) is the firm that transmitted the order for the seller. "This shall be populated by the receiving firm within the receiving firm's report with the identification code provided by the transmitting firm."
84	LegalEntityIdentifier	Legal Entity Identifier (ISO 17442) LEI
85	SubSectorClassification	Sub-sector classification. Supplemental to party sub-ID type "64" (Company activities) for regulatory reporting. For EU SFTR reporting use the appropriate 4-character code noted in the regulations applying the conditional association rules. See SFTR ITS "Commission Implementing Regulation (EU) 2019/363" Annexes 1 and 2 for values.



Code	Name	Description
86	PartySide	Party side. May be used, when appropriate, to explicitly indicate the transaction side of the party, e.g. Buyer, Seller, Lender, Borrower, Maker, Taker, etc. in the ID. In the context of EU SFTR reporting, use values as required by SFTR, "GIVE" and "TAKE" in the ID, to identify collateral giver and taker.
87	LegalRegistrationCountry	Legal registration country. ISO Country Code where the registered office of the party is located as specified in the LEI reference data.

Used in groups: [RelatedPartyDetailAltSubGrp](#)

### 170.2.4507 RelatedPartyDetailGrp

Party details for parties related to the Party specified in the PartyDetailGrp.

Name	Mult.	Type	Description
NoRelatedPartyDetailID	[1..1]	NumInGroup	
RelatedPartyDetailID	[0..1]	String	Required if NoRelatedPartyDetails > 0.
RelatedPartyDetailIDSource	[0..1]	CodeSet	Required if NoRelatedPartyDetails > 0.
RelatedPartyDetailRole	[0..1]	CodeSet	Required if NoRelatedPartyDetails > 0.
RelatedPartyDetailRoleQualifier	[0..1]	CodeSet	
RelatedPartyDetailSubGrp	[0..*]	Group	
RelatedPartyDetailAltIDGrp	[0..*]	Group	
PartyRelationshipGrp	[0..*]	Group	

Used in groups: [PartyDetailGrp](#)

Used in messages: [PartyActionReport](#), [PartyActionRequest](#), [PartyRiskLimitCheckRequest](#), [PartyRiskLimitCheckRequestAck](#)

### 170.2.4508 RelatedPartyDetailID

Party identifier for the party related to the party specified in PartyDetailID(1691).

Type: [String](#)

Used in groups: [RelatedPartyDetailGrp](#)

**170.2.4509 RelatedPartyDetailIDSource**

Identifies the source of the RelatedPartyDetailID(1563).

Type: **char**

Allowed values in PartyIDSourceCodeSet:

Code	Name	Description
1	KoreanInvestorID	Korean Investor ID
6	UKNationalInsuranceOrPension- Number	UK National Insurance or Pension Number
B	BIC	BIC (Bank Identification Code - SWIFT managed) code (ISO9362 - See "Appendix 6-B")
I	ISITCAcronym	Directed broker three character acronym as defined in ISITC "ETC Best Practice" guidelines document
2	TaiwaneseForeignInvestorID	Taiwanese Qualified Foreign Investor ID QFII/FID
7	USSocialSecurityNumber	US Social Security Number
C	GeneralIdentifier	Generally accepted market participant identifier (e.g. NASD mnemonic)
3	TaiwaneseTradingAcct	Taiwanese Trading Acct
8	USEmployerOrTaxIDNumber	US Employer or Tax ID Number
D	Proprietary	Proprietary / Custom code. Custom ID schema used between counterparties, trading platforms and repositories.
4	MalaysianCentralDepository	Malaysian Central Depository (MCD) number
9	AustralianBusinessNumber	Australian Business Number
E	ISOCountryCode	ISO Country Code
5	ChineseInvestorID	Chinese Investor ID
A	AustralianTaxFileNumber	Australian Tax File Number
F	SettlementEntityLocation	Settlement Entity Location (note if Local Market Settlement use "E=ISO Country Code") (see "Appendix 6-G" for valid values)
G	MIC	Market Identifier Code (ISO 10383) MIC
J	TaxID	Tax ID
H	CSDParticipant	CSD participant/member code (e.g. Euroclear, DTC, CREST or Kassenverein number)
K	AustralianCompanyNumber	Australian Company Number
L	AustralianRegisteredBodyNumber	Australian Registered Body Number
M	CFTCReportingFirmIdentifier	CFTC reporting firm identifier
N	LegalEntityIdentifier	Legal Entity Identifier (ISO 17442) LEI

Code	Name	Description
O	InterimIdentifier	Interim identifier. An interim entity identifier assigned by a regulatory agency prior to an LEI (ISO 17442) being assigned.
P	ShortCodeIdentifier	Short code identifier. A generic means for trading venues, brokers, investment managers to convey a bilaterally agreed upon "short hand" code for an identifier that is a reference to a mapping between the parties.
Q	NationalIDNaturalPerson	National ID of natural person. An identification number generally assigned by a government authority or agency to a natural person which is unique to the person it is assigned to. Examples include, but not limited to, "social security number", "pension number".
R	IndiaPermanentAccountNumber	India Permanent Account Number. Also referred to as PAN ID. An identifier issued by the Income Tax Department of India.
S	FDID	Firm designated identifier. Also referred to as FDID. A unique identifier required by the SEC for each trading account designated by Industry Members for purposes of reporting to CAT (Consolidated Audit Trail).
T	SPSAID	Special Segregated Account ID. Also referred to as SPSA ID. The Special Segregated Account identifier issued by Hong Kong Exchanges and Clearing.
U	MasterSPSAID	Master Special Segregated Account ID. Also referred to as Master SPSA ID. The master identifier issued by Hong Kong Exchanges and Clearing for the aggregation of SPSA IDs.

Used in groups: [RelatedPartyDetailGrp](#)

### 170.2.4510 RelatedPartyDetailRole

Identifies the type or role of the RelatedPartyDetailID(1563) specified.

Type: [int](#)

Allowed values in PartyRoleCodeSet:

Code	Name	Description
1	ExecutingFirm	Executing Firm (formerly FIX 4.2 ExecBroker)
2	BrokerOfCredit	Broker of Credit (formerly FIX 4.2 BrokerOfCredit)
3	ClientID	Client ID (formerly FIX 4.2 ClientID)
4	ClearingFirm	Clearing Firm (formerly FIX 4.2 ClearingFirm)

<b>Code</b>	<b>Name</b>	<b>Description</b>
5	InvestorID	Investor ID
6	IntroducingFirm	Introducing Firm
7	EnteringFirm	Entering Firm
8	Locate	Locate / Lending Firm (for short-sales)
9	FundManagerClientID	Fund Manager Client ID (for CIV)
10	SettlementLocation	Settlement Location (formerly FIX 4.2 SettLocation)
11	OrderOriginationTrader	Order Origination Trader (associated with Order Origination Firm - i.e. trader who initiates/submits the order)
12	ExecutingTrader	Executing Trader (associated with Executing Firm - actually executes)
13	OrderOriginationFirm	Order Origination Firm (e.g. buy-side firm)
14	GiveupClearingFirmDepr	Giveup Clearing Firm (firm to which trade is given up)
15	CorrespondantClearingFirm	Correspondant Clearing Firm
16	ExecutingSystem	Executing System
17	ContraFirm	Contra Firm
18	ContraClearingFirm	Contra Clearing Firm
19	SponsoringFirm	Sponsoring Firm
20	UnderlyingContraFirm	Underlying Contra Firm
21	ClearingOrganization	Clearing Organization
22	Exchange	Exchange. Identify using PartyIDSource(tag 447) = G (Market Identifier Code) if the MIC exists.
24	CustomerAccount	Customer Account
25	CorrespondentClearingOrganization	Correspondent Clearing Organization
26	CorrespondentBroker	Correspondent Broker
27	Buyer	Buyer/Seller (Receiver/Deliverer)
28	Custodian	Custodian
29	Intermediary	Intermediary
30	Agent	Agent
31	SubCustodian	Sub-custodian
32	Beneficiary	Beneficiary
33	InterestedParty	Interested party
34	RegulatoryBody	Regulatory body. In the context of regulatory reporting, this identifies the regulator the trade is being reported to.
35	LiquidityProvider	Liquidity provider
36	EnteringTrader	Entering trader

<b>Code</b>	<b>Name</b>	<b>Description</b>
37	ContraTrader	Contra trader
38	PositionAccount	Position account. The account which positions are maintained. Typically represents the aggregation of one or more customer accounts.
39	ContraInvestorID	Contra Investor ID
40	TransferToFirm	Transfer to Firm
41	ContraPositionAccount	Contra Position Account
42	ContraExchange	Contra Exchange
43	InternalCarryAccount	Internal Carry Account
44	OrderEntryOperatorID	Order Entry Operator ID
45	SecondaryAccountNumber	Secondary Account Number
46	ForeignFirm	Foreign Firm
47	ThirdPartyAllocationFirm	Third Party Allocation Firm
48	ClaimingAccount	Claiming Account
49	AssetManager	Asset Manager
50	PledgorAccount	Pledgor Account
51	PledgeeAccount	Pledgee Account
52	LargeTraderReportableAccount	Large Trader Reportable Account
53	TraderMnemonic	Trader mnemonic
54	SenderLocation	Sender Location
55	SessionID	Session ID
56	AcceptableCounterparty	Acceptable Counterparty
57	UnacceptableCounterparty	Unacceptable Counterparty
58	EnteringUnit	Entering Unit
59	ExecutingUnit	Executing Unit
60	IntroducingBroker	Introducing Broker
61	QuoteOriginator	Quote originator
62	ReportOriginator	Report originator
63	SystematicInternaliser	Systematic internaliser (SI)
64	MultilateralTradingFacility	Multilateral Trading Facility (MTF). Identify using PartyIDSource(tag 447) = G (Market Identifier Code) if the MIC exists.
65	RegulatedMarket	Regulated Market (RM). Identify using PartyIDSource(tag 447) = G (Market Identifier Code) if the MIC exists.
66	MarketMaker	Market Maker

<b>Code</b>	<b>Name</b>	<b>Description</b>
67	InvestmentFirm	Investment Firm
68	HostCompetentAuthority	Host Competent Authority (Host CA)
69	HomeCompetentAuthority	Home Competent Authority (Home CA)
70	CompetentAuthorityLiquidity	Competent Authority of the most relevant market in terms of liquidity (CAL)
71	CompetentAuthorityTransactionVenue	Competent Authority of the Transaction (Execution) Venue (CATV)
72	ReportingIntermediary	Reporting intermediary. The medium or vendor used to report to a regulator, non-regulatory agency or data repository.
73	ExecutionVenue	Execution Venue. Identify using PartyIDSource(tag 447) = G (Market Identifier Code) if the MIC exists.
74	MarketDataEntryOriginator	Market data entry originator
75	LocationID	Location ID
76	DeskID	Desk ID
77	MarketDataMarket	Market data market
78	AllocationEntity	Allocation Entity
79	PrimeBroker	Prime Broker providing General Trade Services
80	StepOutFirm	Step-Out Firm (Prime Broker)
81	BrokerClearingID	Broker clearing identifier
82	CentralRegistrationDepository	Central Registration Depository (CRD)
83	ClearingAccount	Clearing Account
84	AcceptableSettlingCounterparty	Acceptable Settling Counterparty
85	UnacceptableSettlingCounterparty	Unacceptable Settling Counterparty
86	CLSMemberBank	CLS Member Bank
87	InConcertGroup	In Concert Group
88	InConcertControllingEntity	In Concert Controlling Entity
89	LargePositionsReportingAccount	Large Positions Reporting Account
90	SettlementFirm	Settlement Firm
91	SettlementAccount	Settlement account. The account to which individual payment obligations are aggregated for netting and funds movement. Typically represents the aggregation of many margin (performance bond) accounts.
92	ReportingMarketCenter	Reporting Market Center
93	RelatedReportingMarketCenter	Related Reporting Market Center
94	AwayMarket	Away Market. Identify using PartyIDSource(tag 447) = G (Market Identifier Code) if the MIC exists.

<b>Code</b>	<b>Name</b>	<b>Description</b>
95	GiveupTradingFirm	Give-up (trading) firm
96	TakeupTradingFirm	Take-up (trading) firm
97	GiveupClearingFirm	Give-up clearing firm
98	TakeupClearingFirm	Take-up clearing firm
99	OriginatingMarket	Originating Market. Identifies the Market using PartyIDSource(tag 447) = G (Market Identifier Code) where an order originated in the event that the order is sent to an alternative market for execution. Serves as an inverse of an away market.
100	MarginAccount	Margin account. Also referred to as "performance bond account". The margin account is the calculated margin requirements. Typically represents the aggregation of one or more position accounts.
101	CollateralAssetAccount	Collateral asset account. The account at which individual collateral assets are maintained. Typically, although not always, one-for-one with the settlement account.
102	DataRepository	Data repository. Multiple instances of this PartyRole may appear for reporting purposes.
103	CalculationAgent	Calculation agent
104	ExerciseNoticeSender	Sender of exercise notice
105	ExerciseNoticeReceiver	Receiver of exercise notice
106	RateReferenceBank	Rate reference bank. The bank providing the reference rate. Multiple instance of this PartyRole may appear.
107	Correspondent	Correspondent
109	BeneficiaryBank	Beneficiary's bank or depository institution. The institution in which the beneficiary, a person or an entity, has their account with. The institution may be a bank or non-bank institution.
110	Borrower	Borrower
111	PrimaryObligator	Primary obligator
112	Guarantor	Guarantor
113	ExcludedReferenceEntity	Excluded reference entity
114	DeterminingParty	Determining party
115	HedgingParty	Hedging party
116	ReportingEntity	Reporting entity. The entity that is reporting the information.
117	SalesPerson	Sales person. The person who is involved in the sales activities for their firm.

Code	Name	Description
118	Operator	Operator. The person who has the capabilities and authorization to take certain actions; for example, setting entitlements, etc.
119	CSD	Central Securities Depository (CSD)
120	ICSD	International Central Securities Depository (ICSD)
121	TradingSubAccount	Trading sub-account. Example of sub-accounts include a clearing account that has multiple trading sub-accounts, a trading account that has multiple trading sub-accounts belonging to different trading firms.
122	InvestmentDecisionMaker	Investment decision maker. In the context of ESMA RTS reporting, this is used to specify party responsible for the investment decision. See RTS 24, Annex, Table 2, Field 4.
123	PublishingIntermediary	Publishing intermediary. The medium or vendor used to publish to the market.
124	CSDParticipant	Central Securities Depository (CSD) Participant. In the context of EU SFTR reporting the identifier of the CSD participant or indirect participant of the reporting counterparty. Where both the CSD participant and indirect participant are involved in the transaction this should identify the indirect participant.
125	Issuer	Issuer. The issuer of the security.
126	ContraCustomerAccount	Contra Customer Account. Same as PartyRole(452) = 24 (Customer Account) but for the counterparty. Can be used whenever the parties component is not nested in a repeating group representing both sides.
127	ContraInvestmentDecisionMaker	Contra Investment Decision Maker. Same as PartyRole(452) = 122 (Investment Decision Maker) but for the counterparty. Can be used whenever the parties component is not nested in a repeating group representing both sides.

Used in groups: [RelatedPartyDetailGrp](#)

### 170.2.4511 RelatedPartyDetailRoleQualifier

Qualifies the value of RelatedPartyRole(1565)

Type: **int**

Allowed values in PartyDetailRoleQualifierCodeSet:



Code	Name	Description
0	Agency	Agency
1	Principal	Principal
2	RisklessPrincipal	Riskless principal
3	GeneralClearingMember	General clearing member
30	ExchangeOrderSubmitter	Exchange order submitter. Used to identify original or initial exchange order submitting broker when party role "1" (Executing Firm) appears more than once.
4	IndividualClearingMember	Individual clearing member
5	PreferredMarketMaker	Preferred market maker. Market maker getting a part of the matched quantity before primary or default market maker.
6	DirectedMarketMaker	Directed market maker. Single market maker to handle the order provided.
7	Bank	Bank
8	Hub	Hub. Indicates that the Intermediary party is a hub system or service provider.
9	PrimaryTrdRepository	Primary trade repository. Used to differentiate the principal trade repository from the Original or Additional trade repositories when there are multiple trade repositories being reported.
10	OrigTrdRepository	Original trade repository. Used to identify the trade repository to which the trade was originally reported if different from the current repository to which the trade is being reported.
11	AddtnIntlTrdRepository	Additional international trade repository. Used with InternationalSwapIndicator(2526) to identify the trade repository that is in addition to the local swaps data repository as required by U.S. law.
12	AddtnDomesticTrdRepository	Additional domestic trade repository. Used with MixedSwapIndicator(1929) to identify the trade repository that is in addition to the current trade repository when the assets in the swap are subject to two different domestic regulators.
13	RelatedExchange	Related exchange
14	OptionsExchange	Options exchange
15	SpecifiedExchange	Specified exchange
16	ConstituentExchange	Constituent exchange.
17	ExemptFromTradeReporting	Exempt from trade reporting. In the context of FINRA TRACE reporting requirements, this is used to indicate the ATS has been granted a regulatory exemption from reporting.
18	Current	Current. Can be used to convey an existing party identifier for the same party role in a single message.

Code	Name	Description
19	New	New. Can be used to convey a future party identifier for the same party role in a single message.
20	DesignatedSponsor	Designated sponsor. Market maker jointly providing liquidity for the same security with other market makers.
21	Specialist	Specialist. Market maker being the only one providing liquidity for a security.
22	Algorithm	Algorithm
23	FirmOrLegalEntity	Firm or legal entity
24	NaturalPerson	Natural person
25	RegularTrader	Regular trader. Standard trader profile.
26	HeadTrader	Head trader. Senior trader leading a group of regular traders.
27	Supervisor	Supervisor. Administrative user that has only limited rights for normal trading but possibly special rights for emergency actions.
28	TriParty	Tri-party. In the context of EU SFTR reporting, identifies the third party, not necessarily the custodian, to which the reporting counterparty has outsourced the post-trade processing of an SFT (if applicable).
29	Lender	Lender. In the context of EU SFTR reporting, identifies the agent lender involved in the securities lending transaction.

Used in groups: [RelatedPartyDetailGrp](#)

#### 170.2.4512 RelatedPartyDetailSubGrp

PartySubGrp for related parties.

Name	Mult.	Type	Description
<a href="#">NoRelatedPartyDetailSubIDs</a>	[1..1]	NumInGroup	
<a href="#">RelatedPartyDetailSubID</a>	[0..1]	String	Required when NoRelatedPartyDetailSubIDs > 0.
<a href="#">RelatedPartyDetailSubIDType</a>	[0..1]	CodeSet	Required when NoRelatedPartyDetailSubIDs > 0.

Used in groups: [RelatedPartyDetailGrp](#)

**170.2.4513 RelatedPartyDetailSubID**

Sub-identifier for the party specified in RelatedPartyID(1563).

Type: **String**

Used in groups: **RelatedPartyDetailSubGrp**

**170.2.4514 RelatedPartyDetailSubIDType**

Type of RelatedPartyDetailSubID(1567) value.

Type: **int**

Allowed values in PartySubIDTypeCodeSet:

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<b>Code</b>	<b>Name</b>	<b>Description</b>
1	Firm	Firm
2	Person	Person
3	System	System
4	Application	Application
5	FullLegalNameOfFirm	Full legal name of firm
6	PostalAddress	Postal address
7	PhoneNumber	Phone number
8	EmailAddress	Email address
9	ContactName	Contact name
10	SecuritiesAccountNumber	Securities account number (for settlement instructions)
11	RegistrationNumber	Registration number (for settlement instructions and confirmations)
12	RegisteredAddressForConfirmation	Registered address (for confirmation purposes)
13	RegulatoryStatus	Regulatory status (for confirmation purposes)
14	RegistrationName	Registration name (for settlement instructions)
15	CashAccountNumber	Cash account number (for settlement instructions)
16	BIC	BIC
17	CSDParticipantMemberCode	CSD participant member code
18	RegisteredAddress	Registered address
19	FundAccountName	Fund account name
20	TelexNumber	Telex number
21	FaxNumber	Fax number

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<b>Code</b>	<b>Name</b>	<b>Description</b>
22	SecuritiesAccountName	Securities account name
23	CashAccountName	Cash account name
24	Department	Department
25	LocationDesk	Location desk
26	PositionAccountType	Position account type
27	SecurityLocateID	Security locate ID
28	MarketMaker	Market maker
29	EligibleCounterparty	Eligible counterparty
30	ProfessionalClient	Professional client
31	Location	Location
32	ExecutionVenue	Execution venue
33	CurrencyDeliveryIdentifier	Currency delivery identifier
34	AddressCity	Address City
35	AddressStateOrProvince	Address State/Province
36	AddressPostalCode	Address Postal Code
37	AddressStreet	Address Street
38	AddressISOCountryCode	Address Country (ISO country code)
39	ISOCountryCode	ISO country code
40	MarketSegment	Market segment
41	CustomerAccountType	Customer account type
42	OmnibusAccount	Omnibus account
43	FundsSegregationType	Funds segregation type
44	GuaranteeFund	Guarantee fund. Identifies a guarantee fund related to an account. Used when one account has multiple funds of collateral, each guaranteeing different positions. Can be used for PartyRole(452) = Customer Account(24).
45	SwapDealer	Swap dealer. The US regulator's defined term for identifying the trade counterparty as "any person who holds itself out as a dealer in swaps, makes a market in swaps, regularly enters into swaps with counterparties as an ordinary course of business for its own account, or engages in activity causing itself to be commonly known in the trade as a dealer or market maker in swaps".
46	MajorParticipant	Major participant. When PartySubID(523)=Y the counterparty is not the swap dealer but is a major swap participant as defined in the regulations.

Code	Name	Description
47	FinancialEntity	Financial entity. When PartySubID(523)=Y the counterparty is neither a swap dealer nor a major swap participant but is a financial entity as defined in the regulations.
48	USPerson	U.S. person. A legal term referring to any U.S. person or legal entity anywhere in the world that should be taxed under U.S. law.
49	ReportingEntityIndicator	Reporting entity indicator. Indicates the entity obligated or delegated to report to their regulator, a non-regulatory agency or data repository. Set PartySubID(523)=Y if true.
50	ElectedClearingRequirementException	Elected clearing requirement exception
51	BusinessCenter	Business center.
52	ReferenceText	Reference text
53	ShortMarkingExemptAccount	Short-marking exempt account
54	ParentFirmIdentifier	Parent firm identifier. Implementation-specific identifier of this party's parent entity.
55	ParentFirmName	Parent firm name. Full name of this party's parent entity.
56	DealIdentifier	Deal identifier. The internal identifier assigned to the trade by this party, particularly by a Clearing Organization.
57	SystemTradeID	System trade identifier
58	SystemTradeSubID	System trade sub-identifier
59	FCMCode	Futures Commission Merchant (FCM) code. The FCM's code or identifier in relation to the PartyRole(452). For example, if PartyRole(452) is the exchange or clearinghouse, the FCM code/ID specified in PartySubID(523) is the FCM's identifier at the exchange or clearinghouse.
60	DlvryTrmlCode	Delivery terminal customer account/code. Usually used for gas delivery to identify whose account the gas is allocated to at the delivery terminal. Often referred to as "HUB" code.
61	VolntyRptEntity	Voluntary reporting entity. The entity voluntarily reporting the trade to the regulator. Set PartySubID(523)=Y if true.
62	RptObligJursdctn	Reporting obligation jurisdiction. For a trade that falls under multiple jurisdictions this may be used to identify, through PartySubID(523), the reporting jurisdiction to which the party is obligated to report.
63	VolntyRptJursdctn	Voluntary reporting jurisdiction. For a trade that falls under multiple jurisdictions this may be used to identify, through PartySubID(523), the regulatory jurisdiction to which the party is submitting a voluntary report.

Code	Name	Description
64	CompanyActivities	Company activities. For regulatory reporting. ID values include: A = Assurance undertaking authorized in accordance with Directive 2002/83/EC C=Credit institution authorized in accordance with Directive 2006/48/EC F=Investment firm in accordance with Directive 2004/39/EC I=Insurance undertaking authorized in accordance with Directive 73/239/EC L=Alternative investment fund managed by AIFMs authorized or registered in accordance with Directive 2011/61/EC O=Institution for occupational retirement provision within the meaning of Article 6(a0 of Directive 2003/41/EC R=Reinsurance undertaking authorized in accordance with Directive 2005/68/EC U=UCITS and its management company, authorized in accordance with Directive 2009/65/EC or blank in case of coverage by LEI or in case of non-financial counterparties. In the context of EU SFTR reporting use the appropriate 4- or 1-character code noted in the regulations. See SFTR ITS "Commission Implementing Regulation (EU) 2019/363" Annexes 1 and 2 for values.
65	EEAreaDomiciled	European Economic Area domiciled. ID values: Y or N
66	ContractLinked	Contract linked to commercial or treasury financing for this counterparty. ID values: Y or N
67	ContractAbove	Contract above clearing threshold for this counterparty. ID values: Y or N
68	VolntyRptPty	Voluntary reporting party. When PartySubID(523)=Y, identifies that the trading party is reporting voluntarily when VoluntaryRegulatoryReport(1935)=Y.
69	EndUser	End user. When PartySubID(523)=Y, the counterparty is neither the swap dealer, major swap participant nor financial entity as defined in the regulations.
70	LocationOrJurisdiction	Location or jurisdiction. One or more instances may be used in combination with PartySubIDType(803) = 49 (Reporting entity indicator) or 102 (Data repository) to identify the jurisdiction, countries, regions or provinces for which the party is a reporting entity or data repository when that characteristic is ambiguous or where there are multiple locations. The party sub-ID value is either a jurisdiction acronym, a 2-character ISO 3166 country code, or a hyphenated combination of the country code and the standard post-office abbreviation for province, state or region if necessary. E.g. "US" for United States or "CA-QC" for Quebec Canada.

Code	Name	Description
71	DerivativesDealer	Derivatives dealer. Indicates whether the party is a derivatives dealer or not (Y/N). The Canadian regulator's defined term for identifying the trade counterparty as "a person or company engaging in or holding himself, herself or itself out as engaging in the business of trading in derivatives in Ontario as principal or agent".
72	Domicile	Domicile. Country and optionally province, state or region of domicile. The party sub-ID value is either a 2-character ISO 3166 country code or a hyphenated combination of the country code and the standard post-office abbreviation of province, state or region if necessary. E.g. "US" for United States or "CA-QC" for Quebec Canada.
73	ExemptFromRecognition	Exempt from recognition. Used with party role 21 "Clearing Organization" to indicate exemption (Y/N). Identifies a clearing agency as exempt from oversight in Ontario, i.e. one that 1) only provides limited services and does not present significant risks or 2) is foreign-based, intends to operate in Ontario but is subject to regulatory oversight in another jurisdiction.
74	Payer	Payer. Identifies the party as the payer of a particular payment stream or bullet payment by quoting the stream's StreamDesc(40051) (or LegStreamDesc(40243) or UnderlyingStreamDesc(40542)) or payment's PaymentDesc(43087) in the associated party sub-identifier field.
75	Receiver	Receiver. Identifies the party as the receiver of a particular payment stream or bullet payment by quoting the stream's StreamDesc(40051) (or LegStreamDesc(40243) or UnderlyingStreamDesc(40542)) or payment's PaymentDesc(43087) in the associated party sub-identifier field.
76	SystematicInternaliser	Systematic Internaliser (SI). In the context of ESMA reporting, this is used to indicate whether the specified party is a Systematic Internaliser or not for the security defined in the Instrument component (Y/N).
77	PublishingEntityIndicator	Publishing entity indicator. Indicates the entity obligated or delegated to publish to the market. Set PartySubID(523)=Y if true.
78	FirstName	First name. The first name(s) of a natural person. If multiple names, separate entries by a comma.
79	Surname	Surname. The surname(s) or lastname(s) of a natural person. If multiple names, separate entries by a comma.

Code	Name	Description
80	DateOfBirth	Date of birth. The date of birth of a natural person in the format YYYYMMDD.
81	OrderTransmittingFirm	Order transmitting firm. Identifies whether the party specified in PartyID(448) is the firm that transmitted the order. In the context of RTS 22 Article 4, when "true" the PartySubID(523)=Y shall be set "by the transmitting firm within the transmitting firm's report where conditions for transmission specified in Article 4 were not satisfied."
82	OrderTransmittingFirmBuyer	Order transmitting firm for buyer. Identifies the firm that transmitted the order for the buyer. In the context of ESMA RTS 22, PartySubID(523)=Y is used to indicate the firm identified in PartyID(448) is the firm that transmitted the order for the buyer. "This shall be populated by the receiving firm within the receiving firm's report with the identification code provided by the transmitting firm."
83	OrderTransmitterSeller	Order transmitter for seller. Identifies the order transmitting firm for the seller. In the context of ESMA RTS 22, PartySubID(523)=Y is used to indicate the firm identified in PartyID(448) is the firm that transmitted the order for the seller. "This shall be populated by the receiving firm within the receiving firm's report with the identification code provided by the transmitting firm."
84	LegalEntityIdentifier	Legal Entity Identifier (ISO 17442) LEI
85	SubSectorClassification	Sub-sector classification. Supplemental to party sub-ID type "64" (Company activities) for regulatory reporting. For EU SFTR reporting use the appropriate 4-character code noted in the regulations applying the conditional association rules. See SFTR ITS "Commission Implementing Regulation (EU) 2019/363" Annexes 1 and 2 for values.
86	PartySide	Party side. May be used, when appropriate, to explicitly indicate the transaction side of the party, e.g. Buyer, Seller, Lender, Borrower, Maker, Taker, etc. in the ID. In the context of EU SFTR reporting, use values as required by SFTR, "GIVE" and "TAKE" in the ID, to identify collateral giver and taker.
87	LegalRegistrationCountry	Legal registration country. ISO Country Code where the registered office of the party is located as specified in the LEI reference data.

Used in groups: [RelatedPartyDetailSubGrp](#)



**170.2.4515 RelatedPositionDate**

Used to help identify the position when RelatedPositionID(1862) is not unique across multiple days. This date is generally the creation date of the identifier.

Type: [LocalMktDate](#)

Used in groups: [RelatedPositionGrp](#)

**170.2.4516 RelatedPositionGrp**

This component is used to identify positions that are related to each other or to other trades. This should not be used in lieu of explicit FIX fields that denote specific semantic relationships, but rather should be used when no such fields exist.

---

Name	Mult.	Type	Description
<a href="#">NoRelatedPositions</a>	[1..1]	NumInGroup	
<a href="#">RelatedPositionID</a>	[0..1]	String	Required if NoRelatedPositions(1861) > 0.
<a href="#">RelatedPositionIDSource</a>	[0..1]	CodeSet	
<a href="#">RelatedPositionDate</a>	[0..1]	LocalMktDate	

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Used in groups: [TrdCapRptAckSideGrp](#), [TrdCapRptSideGrp](#)

**170.2.4517 RelatedPositionID**

Identifier of a related position.

Type: [String](#)

Used in groups: [RelatedPositionGrp](#)

**170.2.4518 RelatedPositionIDSource**

Describes the source of the identifier that RelatedPositionID(1862) represents.

Type: [int](#)

Allowed values in RelatedPositionIDSourceCodeSet:

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Code	Name	Description
1	PosMaintRptID	Position maintenance report ID - PosMaintRptID(721)
2	TransferID	Position transfer ID - TransferID(2437)
3	PositionEntityID	Position entity ID - PositionID(2618)

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Used in groups: [RelatedPositionGrp](#)

### 170.2.4519 RelatedPriceSource

Source for the price of a related entity, e.g. price of the underlying instrument in an Underlying Price Contingency (UPC) order. Can be used together with RelatedHighPrice (1819) and/or RelatedLowPrice (1820).

Type: [int](#)

Allowed values in RelatedPriceSourceCodeSet:

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Code	Name	Description
1	NBBid	NBB (National Best Bid)
2	NBOffer	NBO (National Best Offer)

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Used in messages: [ExecutionReport](#), [MultilegOrderCancelReplace](#), [NewOrderMultileg](#)

### 170.2.4520 RelatedRegulatoryTradeIDSource

Specifies the identifier of the reporting entity as assigned by regulatory agency.

Type: [String](#)

Used in groups: [RelatedTradeGrp](#)

### 170.2.4521 RelatedSecurityID

Related security identifier value of RelatedSecurityIDSource(1651) type.

Type: [String](#)

Used in groups: [RelatedInstrumentGrp](#)

**170.2.4522 RelatedSecurityIDSource**

Identifies class or source of the RelatedSecurityID (1650) value.

Type: **String**

Allowed values in SecurityIDSourceCodeSet:

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<b>Code</b>	<b>Name</b>	<b>Description</b>
1	CUSIP	CUSIP
2	SEDOL	SEDOL
3	QUIK	QUIK
4	ISINNumber	ISIN
5	RICCode	RIC
6	ISOCurrencyCode	ISO Currency Code (ISO 4217)
7	ISOCountryCode	ISO Country Code
8	ExchangeSymbol	Exchange symbol
9	ConsolidatedTapeAssociation	Consolidated Tape Association (CTA) Symbol (SIAC CTS/CQS line format)
A	BloombergSymbol	Bloomberg Symbol
B	Wertpapier	Wertpapier
C	Dutch	Dutch
D	Valoren	Valoren
E	Sicovam	Sicovam
F	Belgian	Belgian
G	Common	"Common" (Clearstream and Euroclear)
H	ClearingHouse	Clearing house / Clearing organization
I	ISDAFpMLSpecification	ISDA/FpML product specification (XML in SecurityXML(1185))
J	OptionPriceReportingAuthority	Option Price Reporting Authority
K	ISDAFpMLURL	ISDA/FpML product URL (URL in SecurityID(48))
L	LetterOfCredit	Letter of credit
M	MarketplaceAssignedIdentifier	Marketplace-assigned Identifier
N	MarkitREDEntityCLIP	Markit RED entity CLIP
P	MarkitREDPairCLIP	Markit RED pair CLIP
Q	CFTCCommodityCode	CFTC commodity code
R	ISDACommodityReferencePrice	ISDA Commodity Reference Price

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Code	Name	Description
S	FinancialInstrumentGlobalIdentifier	Financial Instrument Global Identifier. An Object Management Group (OMG) standard. Also referred to as FIGI. Formerly known as "Bloomberg Open Symbology BBGID".
T	LegalEntityIdentifier	Legal entity identifier
U	Synthetic	Synthetic. Used to specify that the security identifier is synthetic for linking nested underliers when there is no market identifier for the collection.
V	FidessaInstrumentMnemonic	Fidessa Instrument Mnemonic (FIM)
W	IndexName	Index name. Standard name of the index or rate index, e.g. "LIBOR" or "iTraxx Australia".
X	UniformSymbol	Uniform Symbol (UMTF Symbol)
Y	DigitalTokenIdentifier	Digital Token Identifier (ISO 24165)

Used in groups: [RelatedInstrumentGrp](#)

### 170.2.4523 RelatedSecurityType

Security type of the related instrument.

Type: [String](#)

Allowed values in SecurityTypeCodeSet:

Code	Name	Description
ABS	AssetBackedSecurities	Asset-backed Securities
AN	OtherAnticipationNotes	Other Anticipation Notes (BAN, GAN, etc.)
BA	BankersAcceptance	Bankers Acceptance
BRADY	BradyBond	Brady Bond
CORP	CorporateBond	Corporate Bond
CS	CommonStock	Common Stock
EUSUPRA	EuroSupranationalCoupons	Euro Supranational Coupons. Identify the issuer name in Issuer(106).
FOR	ForeignExchangeContract	Foreign Exchange Contract
MF	MutualFund	Mutual Fund
REPO	Repurchase	Repurchase
TERM	TermLoan	Term Loan

<b>Code</b>	<b>Name</b>	<b>Description</b>
BDN	BankDepositoryNote	Bank Depository Note
CAN	CanadianTreasuryNotes	Canadian Treasury Notes
CAP	Cap	Cap. In an interest rate cap, the buyer receives payments at the end of each period in which the rate indec exceeds the agreed strike rate.
CMB	CanadianMortgageBonds	Canadian Mortgage Bonds
COFO	CertificateOfObligation	Certificate Of Obligation
CPP	CorporatePrivatePlacement	Corporate Private Placement
FAC	FederalAgencyCoupon	Federal Agency Coupon
FORWARD	Forward	Forward
FXNDF	NonDeliverableForward	Non-deliverable forward
MLEG	MultilegInstrument	Multileg Instrument
PS	PreferredStock	Preferred Stock
RVLV	RevolverLoan	Revolver Loan
BN	BankNotes	Bank Notes
BUYSELL	BuySellback	Buy Sellback
CB	ConvertibleBond	Convertible Bond
CDS	CreditDefaultSwap	Credit Default Swap
CMBS	Corp	Corp. Mortgage-backed Securities
COFP	CertificateOfParticipation	Certificate Of Participation
CTB	CanadianTreasuryBills	Canadian Treasury Bills
DR	DepositoryReceipts	Depository Receipts
FADN	FederalAgencyDiscountNote	Federal Agency Discount Note
FXSPOT	FXSpot	FX Spot
NONE	NoSecurityType	No Security Type
RVLVTRM	Revolver	Revolver/Term Loan
BOX	BillOfExchanges	Bill Of Exchanges
BRIDGE	BridgeLoan	Bridge Loan
CLLR	Collar	Collar. In an interest rate collar, this is a combination of a cap and a floor.
CMO	CollateralizedMortgageObligation	Collateralized Mortgage Obligation
DUAL	DualCurrency	Dual Currency
EUSOV	EuroSovereigns	Euro Sovereigns. Identify the issuer name in Issuer(106).
FXFWD	FXForward	FX Forward
GO	GeneralObligationBonds	General Obligation Bonds

<b>Code</b>	<b>Name</b>	<b>Description</b>
PEF	PrivateExportFunding	Private Export Funding. Identify the issuer name in Issuer(106).
SECLOAN	SecuritiesLoan	Securities Loan
UST	USTreasuryNoteOld	US Treasury Note (Deprecated Value Use TNOTE)
CAMM	CanadianMoneyMarkets	Canadian Money Markets
CMDTYSWAP	CommoditySwap	Commodity swap
EUCORP	EuroCorporateBond	Euro Corporate Bond
FXSWAP	FXSwap	FX Swap
IET	IOETTEMortgage	IOETTE Mortgage
LOFC	LetterOfCredit	Letter Of Credit
MT	MandatoryTender	Mandatory Tender
PROV	CanadianProvincialBonds	Canadian Provincial Bonds
SECPLEDGE	SecuritiesPledge	Securities Pledge
SUPRA	USDSupranationalCoupons	USD Supranational Coupons. Identify the issuer name in Issuer(106).
USTB	USTreasuryBillOld	US Treasury Bill (Deprecated Value Use TBILL)
?	Wildcard	Wildcard entry for use on Security Definition Request
CD	CertificateOfDeposit	Certificate Of Deposit
DVPLDG	DeliveryVersusPledge	Delivery versus pledge
EUFRN	EuroCorporateFloatingRateNotes	Euro Corporate Floating Rate Notes
EXOTIC	Exotic	Exotic
FXNDS	NonDeliverableSwap	Non-deliverable Swap
MBS	MortgageBackedSecurities	Mortgage-backed Securities
RAN	RevenueAnticipationNote	Revenue Anticipation Note
SWING	SwingLineFacility	Swing Line Facility
TB	TreasuryBill	Treasury Bill - non US
CASH	Cash	Cash
CL	CallLoans	Call Loans
COLLBSKT	CollateralBasket	Collateral basket. A collection of securities held as collateral in the customer's collateral fund. The collateral fund is usually managed by a custodian.
DINP	DebtorInPossession	Debtor In Possession
FLR	Floor	Floor. In an interest rate floor, the buyer receives payments at the end of each period in which the rate index is below the agreed strike rate.
FRN	USCorporateFloatingRateNotes	US Corporate Floating Rate Notes

<b>Code</b>	<b>Name</b>	<b>Description</b>
FXBN	FXBankNote	FX Bank Note
MIO	MortgageInterestOnly	Mortgage Interest Only
OOC	OptionsOnCombo	Options on Combo
REV	RevenueBonds	Revenue Bonds
TBOND	USTreasuryBond	US Treasury Bond
CP	CommercialPaper	Commercial Paper
DEFLTED	Defaulted	Defaulted
FRA	FRA	Forward Rate Agreement
FXDN	ForeignCurrencyDiscountNote	Foreign Currency Discount Note. Discount notes issued in foreign currency by Fannie Mae.
MPO	MortgagePrincipalOnly	Mortgage Principal Only
Other	Other	Other
SFP	StructuredFinanceProduct	Structured finance product
SPCLA	SpecialAssessment	Special Assessment
TINT	InterestStripFromAnyBondOrNote	Interest Strip From Any Bond Or Note
XLINKD	IndexedLinked	Indexed Linked
DN	DepositNotes	Deposit Notes
ETN	ExchangeTradedNote	Exchange traded note
FUT	Future	Future
MPP	MortgagePrivatePlacement	Mortgage Private Placement
SPCLO	SpecialObligation	Special Obligation
STRUCT	StructuredNotes	Structured Notes
TBILL	USTreasuryBill	US Treasury Bill
TIPS	TreasuryInflationProtectedSecurities	Treasury Inflation Protected Securities
WITHDRN	Withdrawn	Withdrawn
EUCD	EuroCertificateOfDeposit	Euro Certificate Of Deposit
FWD	DerivativeForward	Derivative forward
MPT	MiscellaneousPassThrough	Miscellaneous Pass-through
MRGNLOAN	MarginLoan	Margin loan
REPLACD	Replaced	Replaced
SPCLT	SpecialTax	Special Tax
TCAL	PrincipalStripOfACallableBondOrNote	Principal Strip Of A Callable Bond Or Note
YANK	YankeeCorporateBond	Yankee Corporate Bond

<b>Code</b>	<b>Name</b>	<b>Description</b>
DIMSUMCORP	OffshoreIssuedChineseYuanCorporateBond	Offshore issued Chinese Yuan (CNY) denominated corporate bond
EUCP	EuroCommercialPaper	Euro Commercial Paper
IRS	InterestRateSwap	Interest Rate Swap
MATURED	Matured	Matured
PFAND	Pfandbrief	Pfandbrief. Identify the issuer name in Issuer(106).
SECDERIV	SecuritizedDerivative	Securitized derivative
TAN	TaxAnticipationNote	Tax Anticipation Note
TPRN	PrincipalStripFromANonCallableBondOrNote	Principal Strip From A Non-Callable Bond Or Note
TRS	TotalReturnSwap	Total return swap
AMENDED	Amended	Amended and restated
ETF	ExchangeTradedFund	Exchange Traded Fund
LOANLEASE	LoanLease	Loan/lease
LQN	LiquidityNote	Liquidity Note
PRCORP	PreferredCorporateBond	Preferred Corporate Bond
TAXA	TaxAllocation	Tax Allocation
TBA	ToBeAnnounced	To Be Announced
TNOTE	USTreasuryNote	US Treasury Note
DIGITAL	DigitalAsset	Digital Asset. Asset that exists only in digital form or which is the digital representation of another asset (Source: ISO 24165 - Terms and Definitions).
DIMSUMSOV	OffshoreIssuedChineseYuanSovereignBond	Offshore issued Chinese Yuan (CNY) denominated sovereign bond
MTN	MediumTermNotes	Medium Term Notes
RETIRED	Retired	Retired
TECP	TaxExemptCommercialPaper	Tax Exempt Commercial Paper
ONITE	Overnight	Overnight
OOF	OptionsOnFutures	Options on Futures
SOV	SovereignBond	Sovereign Bond. Sovereign or government bond other than Euro and US issuer. Specify sovereign issuer in Issuer(106).
TMCP	TaxableMunicipalCP	Taxable Municipal CP
OOP	OptionsOnPhysical	Options on Physical - use not recommended
PN	PromissoryNote	Promissory Note
STN	ShortTermLoanNote	Short Term Loan Note
TFRN	USTreasuryFloatingRateNote	US Treasury Floating Rate Note



<b>Code</b>	<b>Name</b>	<b>Description</b>
TRAN	TaxRevenueAnticipationNote	Tax Revenue Anticipation Note
OPT	Option	Option
PZFJ	PlazosFijos	Plazos Fijos
VRDN	VariableRateDemandNote	Variable Rate Demand Note
SLQN	SecuredLiquidityNote	Secured Liquidity Note
SPOTFWD	SpotForward	Spot forward
WAR	Warrant	Warrant
MCPIB	MunicipalInterestBearingCommercialPaper	Municipal Interest Bearing Commercial Paper
SWAPTION	SwapOption	Swap option
TD	TimeDeposit	Time Deposit
TMB	TaxableMunicipalBond	Taxable Municipal Bond
XMISSION	Transmission	Transmission
INDEX	Index	General type for a contract based on an established index
TLQN	TermLiquidityNote	Term Liquidity Note
VRDO	VariableRateDemandObligation	Variable Rate Demand Obligation
BDBSKT	BondBasket	Bond basket
XCN	ExtendedCommNote	Extended Comm Note
CFD	ContractForDifference	Contract for difference
YCD	YankeeCertificateOfDeposit	Yankee Certificate Of Deposit
BAB	BankAcceptedBill	Bank Accepted Bill. Also known as Bank Bill.
CRLNSWAP	CorrelationSwap	Correlation swap
BNST	ShortTermBankNote	Short Term Bank Note
DVDNDSWAP	DividendSwap	Dividend swap
CLCP	CallableCommercialPaper	Callable Commercial Paper
EQBSKT	EquityBasket	Equity basket
CN	CommercialNote	Commercial Note
EQFWD	EquityForward	Equity forward
CPIB	InterestBearingCommercialPaper	Interest Bearing Commercial Paper
RTRNSWAP	ReturnSwap	Return swap
EUMTN	EuroMediumTermNote	Euro Medium Term Note
VARSWAP	VarianceSwap	Variance swap
EUNCP	EuroNegotiableCommercialPaper	Euro Negotiable Commercial Paper
PRTFLIOSWAP	PortfolioSwaps	Portfolio swap

Code	Name	Description
EUSTLQN	EuroStructuredLiquidityNote	Euro Structured Liquidity Note
FUTSWAP	FuturesOnASwap	Futures on a Swap
EUTD	EuroTimeDeposit	Euro Time Deposit
FWDSWAP	ForwardsOnASwap	Forwards on a Swap
FWDFRTAGMT	ForwardFreightAgreement	Forward Freight Agreement
JCD	JumboCertificateOfDeposit	Jumbo Certificate of Deposit
MMF	MoneyMarketFund	Money Market Fund
SPREADBET	SpreadBetting	Spread Betting
ETC	ExchangeTradedCommodity	Exchange traded commodity
MN	MasterNote	Master Note. Short term notes issued by Federal Farm Credit Banks Funding Corporation to provide loans and funding under Federal Farm Credit System (FFCS).
NCD	NegotiableCertificateOfDeposit	Negotiable Certificate of Deposit
NCP	NegotiableCommercialPaper	Negotiable Commercial Paper
RCD	RetailCertificateOfDeposit	Retail Certificate of Deposit
TDR	TermDepositReceipt	Term Deposit Receipt

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Used in groups: [RelatedInstrumentGrp](#)

#### 170.2.4524 RelatedSymbol

Ticker symbol of the related security. Common "human understood" representation of the security.

Type: [String](#)

Used in groups: [RelatedInstrumentGrp](#)

#### 170.2.4525 RelatedToDividendPeriodXIDRef

The DividendPeriodXID(42293) of the stream dividend period with which the related instrument has correlation.

Type: [XIDREF](#)

Used in groups: [RelatedInstrumentGrp](#)

**170.2.4526 RelatedToSecurityID**

The security identifier of the instrument, instrument leg or underlying instrument with which the related instrument has correlation.

Type: **String**

Used in groups: **RelatedInstrumentGrp**

**170.2.4527 RelatedToSecurityIDSource**

Identifies class or source of the RelatedToSecurityID(2413) value.

Type: **String**

Allowed values in SecurityIDSourceCodeSet:

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<b>Code</b>	<b>Name</b>	<b>Description</b>
1	CUSIP	CUSIP
2	SEDOL	SEDOL
3	QUIK	QUIK
4	ISINNumber	ISIN
5	RICCode	RIC
6	ISOCurrencyCode	ISO Currency Code (ISO 4217)
7	ISOCountryCode	ISO Country Code
8	ExchangeSymbol	Exchange symbol
9	ConsolidatedTapeAssociation	Consolidated Tape Association (CTA) Symbol (SIAC CTS/CQS line format)
A	BloombergSymbol	Bloomberg Symbol
B	Wertpapier	Wertpapier
C	Dutch	Dutch
D	Valoren	Valoren
E	Sicovam	Sicovam
F	Belgian	Belgian
G	Common	"Common" (Clearstream and Euroclear)
H	ClearingHouse	Clearing house / Clearing organization
I	ISDAFpMLSpecification	ISDA/FpML product specification (XML in SecurityXML(1185))
J	OptionPriceReportingAuthority	Option Price Reporting Authority
K	ISDAFpMLURL	ISDA/FpML product URL (URL in SecurityID(48))

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Code	Name	Description
L	LetterOfCredit	Letter of credit
M	MarketplaceAssignedIdentifier	Marketplace-assigned Identifier
N	MarkitREDEntityCLIP	Markit RED entity CLIP
P	MarkitREDPairCLIP	Markit RED pair CLIP
Q	CFTCCommodityCode	CFTC commodity code
R	ISDACommodityReferencePrice	ISDA Commodity Reference Price
S	FinancialInstrumentGlobalIdentifier	Financial Instrument Global Identifier. An Object Management Group (OMG) standard. Also referred to as FIGI. Formerly known as "Bloomberg Open Symbology BBGID".
T	LegalEntityIdentifier	Legal entity identifier
U	Synthetic	Synthetic. Used to specify that the security identifier is synthetic for linking nested underliers when there is no market identifier for the collection.
V	FidessaInstrumentMnemonic	Fidessa Instrument Mnemonic (FIM)
W	IndexName	Index name. Standard name of the index or rate index, e.g. "LIBOR" or "iTraxx Australia".
X	UniformSymbol	Uniform Symbol (UMTF Symbol)
Y	DigitalTokenIdentifier	Digital Token Identifier (ISO 24165)

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Used in groups: [RelatedInstrumentGrp](#)

#### **170.2.4528 RelatedToStreamXIDRef**

StreamXID(41303), LegStreamXID(41700) or UnderlyingStreamXID(42016) of the stream with which the related instrument has correlation.

Type: [XIDREF](#)

Used in groups: [RelatedInstrumentGrp](#)

#### **170.2.4529 RelatedTradeDate**

Date of a related trade.

Type: [LocalMktDate](#)

Used in groups: [RelatedTradeGrp](#)

**170.2.4530 RelatedTradeGrp**

This component is used to identify trades that are related to each other for a business purpose, such as netting of forwards. This component should not be used in lieu of explicit FIX fields that denote specific semantic relationships, but rather should be used when no such fields exist.

Name	Mult.	Type	Description
NoRelatedTrades	[1..1]	NumInGroup	
RelatedTradeID	[0..1]	String	Required if NoRelatedTrades(1855) > 0.
RelatedTradeIDSource	[0..1]	CodeSet	
RelatedRegulatoryTradeIDSource	[0..1]	String	Optionally used for RelatedTradeIDSource(1857)=6(Regulatory trade ID) when RelatedTradeID(1856) is not unique across multiple reporting entities.
RelatedTradeDate	[0..1]	LocalMktDate	Optionally used to help identify the trade when RelatedTradeID(1856) is not unique across multiple days.
RelatedTradeMarketID	[0..1]	Exchange	Optionally used to help identify the trade when RelatedTradeID(1856) is not unique across multiple markets.
RelatedTradeQuantity	[0..1]	Qty	

Used in groups: [MDFullGrp](#), [MDIncGrp](#), [TrdCapRptAckSideGrp](#), [TrdCapRptSideGrp](#)

Used in messages: [PayManagementReport](#), [PayManagementRequest](#), [PositionMaintenanceReport](#), [PositionReport](#)

**170.2.4531 RelatedTradeID**

Identifier of a related trade.

Type: [String](#)

Used in groups: [RelatedTradeGrp](#)

**170.2.4532 RelatedTradeIDSource**

Describes the source of the identifier that RelatedTradeID(1856) represents.

Type: [int](#)

Allowed values in RelatedTradeIDSourceCodeSet:

Code	Name	Description
0	NonFIXSource	Non-FIX source
1	TradeID	Trade ID
2	SecondaryTradeID	Secondary trade ID
3	TradeReportID	Trade report ID
4	FirmTradeID	Firm trade ID
5	SecondaryFirmTradeID	Secondary firm Trade ID
6	RegulatoryTradeID	Regulatory trade ID

Used in groups: [RelatedTradeGrp](#)

#### **170.2.4533 RelatedTradeMarketID**

Market of execution of related trade.

Type: [Exchange](#)

Used in groups: [RelatedTradeGrp](#)

#### **170.2.4534 RelatedTradeQuantity**

Quantity of the related trade which can be less than or equal to the actual quantity of the related trade. For example, when one trade offsets another across asset classes.

Type: [Qty](#)

Used in groups: [RelatedTradeGrp](#)

#### **170.2.4535 RelativeValue**

The valuation of an instrument relative to a base measurement specified in RelativeValueType(2530). This value can be negative.

Type: [float](#)

Used in groups: [RelativeValueGrp](#)

**170.2.4536 RelativeValueGrp**

The RelativeValueGrp component is used to convey relative valuation metrics or analytics for a given instrument.

Name	Mult.	Type	Description
NoRelativeValues	[1..1]	NumInGroup	
RelativeValueType	[0..1]	CodeSet	Required if NoRelativeValues(2529) > 0.
RelativeValue	[0..1]	float	Required if NoRelativeValues(2529) > 0.
RelativeValueSide	[0..1]	CodeSet	

Used in messages: [ExecutionReport](#), [IOI](#), [Quote](#)

**170.2.4537 RelativeValueSide**

Specifies the side of the relative value.

Type: [int](#)

Allowed values in RelativeValueSideCodeSet:

Code	Name	Description
1	Bid	Bid
2	Mid	Mid
3	Offer	Offer

Used in groups: [RelativeValueGrp](#)

**170.2.4538 RelativeValueType**

Indicates the type of relative value measurement being specified.

Type: [int](#)

Allowed values in RelativeValueTypeCodeSet:

<b>Code</b>	<b>Name</b>	<b>Description</b>
1	ASWSpread	Asset Swap Spread. ASW Spread. The asset swap spread is the difference in the bond's yield (yield to maturity) and a floating interest rate (usually LIBOR), expressed in basis points.
2	OIS	Overnight Indexed Swap Spread. OIS Spread. The overnight indexed swap spread is the spread, expressed in basis points, between the bond yield (the fixed rate) and an overnight indexed rate (e.g. Fed Funds rate, EONIA, SONIA, etc.) (the floating rate).
3	ZSpread	Zero Volatility Spread. Z-Spread. The zero coupon spread is the constant spread added to the reference zero coupon yield curve (usually Treasury spot rate curve), expressed in basis points, to derive the adjusted yield curve used to determine the present value of the cash flows so that it equals the dirty price of the bond (i.e. accrued interest factored in).
4	DiscountMargin	Discount Margin. The DM is the spread, expressed in basis points, added to the bond's reference rate that will equate the bond's cash flows to its current price.
5	ISpread	Interpolated Spread. I-Spread or I-Curve spread. The spread, expressed in basis points, added to an interpolated point on the reference yield curve.
6	OAS	Option Adjusted Spread. OAS or OA-spread. Used to evaluate bonds with embedded (callable or put-able) options. The option adjusted spread is a constant spread, expressed in basis points, applied to each point on the spot rate curve (usually Treasury spot rate curve) where the bond's cash flow is received, such that the price of the bond is the same as the present value of its cash flows.
7	GSpread	G-Spread. The spread difference between the bond's yield and the interpolated yield from the government reference yield curve, expressed in basis points. It represents the curve adjusted value of the bond by accounting for the difference between the bond's benchmark yield and the interpolated government reference yield at the same point on the curve that matches the bond's remaining life.
8	CDSBasis	CDS Basis. Also referred to as CDS Bond Basis. The CDS basis is the spread difference between the CDS spread or premium for the obligor and the Z-Spread or the ASW spread of the same reference or obligor bond, expressed in basis points.



Code	Name	Description
9	CDSInterpolatedBasis	CDS Interpolated Basis. Also referred to as CDS Bond Interpolated Basis. The CDS interpolated basis is the difference between the reference or obligor bond's Z Spread or ASW spread and an interpolated point on CDS curve that matches the maturity of the reference bond, expressed in basis points.
10	DV01	DV01. The currency value change in response to a move of one basis point in the yield of the instrument. Typically used as a measure of interest rate risk of a single bond. Also known as "basis point value" or BPV.
11	PV01	PV01. The present value change in response to a move of one basis point all along the yield curve used for the instrument. In certain cases the DV01 and PV01 values may be the same.
12	CS01	CS01. Credit spread sensitivity. Represents the change in value of a (CDS) transaction for a one basis point change in the credit spread.

Used in groups: [RelativeValueGrp](#)

### 170.2.4539 ReleaseInstruction

Instruction to define conditions under which to release a locked order or parts of it.

Type: [int](#)

Allowed values in ReleaseInstructionCodeSet:

Code	Name	Description
1	ISO	Intermarket Sweep Order (ISO)
2	NoAwayMarketBetterCheck	No Away Market Better check

Used in messages: [ExecutionReport](#), [OrderCancelReplaceRequest](#)

### 170.2.4540 ReleaseQty

Quantity to be made available, i.e. released from a lock.

Type: [Qty](#)

Used in messages: [ExecutionReport](#), [OrderCancelReplaceRequest](#)

**170.2.4541 RelSymDerivSecGrp**

Name	Mult.	Type	Description
NoRelatedSym	[1..1]	NumInGroup	Specifies the number of repeating symbols (instruments) specified
Instrument	[0..1]	Component	
SecondaryPricLimits	[0..1]	Component	Secondary price limit rules
Currency	[0..1]	Currency	
CurrencyCodeSource	[0..1]	CodeSet	
CorporateAction	[0..1]	CodeSet	Identifies the type of Corporate Action
InstrumentExtension	[0..1]	Component	
InstrmtLegGrp	[0..*]	Group	
RelSymTransactTime	[0..1]	UTCTimestamp	
NumOfSimpleInstruments	[0..1]	int	Number of simple instruments.
Text	[0..1]	String	Comment, instructions, or other identifying information.
EncodedTextLen	[0..1]	Length	Must be set if EncodedText field is specified and must immediately precede it.
EncodedText	[0..1]	data	Encoded (non-ASCII characters) representation of the Text field in the encoded format specified via the MessageEncoding field.

Used in messages: [DerivativeSecurityList](#)

**170.2.4542 RelSymDerivSecUpdGrp**

Name	Mult.	Type	Description
NoRelatedSym	[1..1]	NumInGroup	
ListUpdateAction	[0..1]	CodeSet	If provided, then Instrument occurrence has explicitly changed
CorporateAction	[0..1]	CodeSet	
Instrument	[0..1]	Component	
InstrumentExtension	[0..1]	Component	
SecondaryPricLimits	[0..1]	Component	Secondary price limit rules
Currency	[0..1]	Currency	

Name	Mult.	Type	Description
CurrencyCodeSource	[0..1]	CodeSet	
InstrmtLegGrp	[0..*]	Group	
RelSymTransactTime	[0..1]	UTCTimestamp	
Text	[0..1]	String	Comment, instructions, or other identifying information.
EncodedTextLen	[0..1]	Length	Must be set if EncodedText field is specified and must immediately precede it.
EncodedText	[0..1]	data	Encoded (non-ASCII characters) representation of the Text field in the encoded format specified via the MessageEncoding field.

Used in messages: [DerivativeSecurityListUpdateReport](#)

#### 170.2.4543 RelSymTransactTime

See TransactTime(60)

Type: [UTCTimestamp](#)

Used in groups: [RelSymDerivSecGrp](#), [RelSymDerivSecUpdGrp](#), [SecListGrp](#), [SecLstUpdRelSymGrp](#)

#### 170.2.4544 RemunerationIndicator

Indicates whether the trade price was adjusted for compensation (i.e. includes a mark-up, mark-down or commission) in the price paid.

Type: [int](#)

Allowed values in RemunerationIndicatorCodeSet:

Code	Name	Description
0	NoRemunerationPaid	No remuneration paid
1	RemunerationPaid	Remuneration paid

Used in groups: [TrdCapRptSideGrp](#)

#### **170.2.4545 ReplaceText**

Identifies the reason for amendment.

Type: **String**

Used in messages: **PayManagementReport**

#### **170.2.4546 RepoCollateralSecurityType**

Identifies the collateral used in the transaction.

Valid values: see SecurityType (167) field (Note tag # was reserved in FIX 4.1, added in FIX 4.3)

Type: **String**

Used in components: **Instrument**

#### **170.2.4547 ReportedPx**

Reported price (used to differentiate from AvgPx on a confirmation of a marked-up or marked-down principal trade)

Type: **Price**

Used in messages: **Confirmation**

#### **170.2.4548 ReportedPxDiff**

Indicates that the reported price that is different from the market price. The price difference should be stated by using field 828 TrdType and, if required, field 829 TrdSubType

Type: **Boolean**

Used in messages: **TradeCaptureReport**

#### **170.2.4549 ReportingPx**

Represents the reportable price on fill when an instance of the Parties component with PartyRole(452) = 73 (Execution Venue) is present to prevent having to compute running totals.

Type: **Price**

Used in messages: **ExecutionReport**

**170.2.4550 ReportingQty**

Represents the reportable quantity on fill when an instance of the Parties component with Party-Role(452) = 73 (Execution Venue) is present to prevent having to compute running totals.

Type: Qty

Used in messages: ExecutionReport

**170.2.4551 ReportToExch**

Identifies party of trade responsible for exchange reporting.

Type: Boolean

Allowed values in ReportToExchCodeSet:

Code	Name	Description
N	SenderReports	Indicates the party sending message will report trade
Y	ReceiverReports	Indicates the party receiving message must report trade

Used in messages: ExecutionReport

**170.2.4552 RepurchaseRate**

Percent of par at which a Repo will be repaid. Represented as a percent, e.g. .9525 represents 95-/4 percent of par. (Note tag # was reserved in FIX 4.1, added in FIX 4.3)

Type: Percentage

Used in components: Instrument

**170.2.4553 RepurchaseTerm**

Number of business days before repurchase of a repo. (Note tag # was reserved in FIX 4.1, added in FIX 4.3)

Type: int

Used in components: Instrument

**170.2.4554 RequestedPartyRole**

Identifies the type or role of party that has been requested.

Type: **int**

Allowed values in PartyRoleCodeSet:

<b>Code</b>	<b>Name</b>	<b>Description</b>
1	ExecutingFirm	Executing Firm (formerly FIX 4.2 ExecBroker)
2	BrokerOfCredit	Broker of Credit (formerly FIX 4.2 BrokerOfCredit)
3	ClientID	Client ID (formerly FIX 4.2 ClientID)
4	ClearingFirm	Clearing Firm (formerly FIX 4.2 ClearingFirm)
5	InvestorID	Investor ID
6	IntroducingFirm	Introducing Firm
7	EnteringFirm	Entering Firm
8	Locate	Locate / Lending Firm (for short-sales)
9	FundManagerClientID	Fund Manager Client ID (for CIV)
10	SettlementLocation	Settlement Location (formerly FIX 4.2 SettLocation)
11	OrderOriginationTrader	Order Origination Trader (associated with Order Origination Firm - i.e. trader who initiates/submits the order)
12	ExecutingTrader	Executing Trader (associated with Executing Firm - actually executes)
13	OrderOriginationFirm	Order Origination Firm (e.g. buy-side firm)
14	GiveupClearingFirmDepr	Giveup Clearing Firm (firm to which trade is given up)
15	CorrespondantClearingFirm	Correspondant Clearing Firm
16	ExecutingSystem	Executing System
17	ContraFirm	Contra Firm
18	ContraClearingFirm	Contra Clearing Firm
19	SponsoringFirm	Sponsoring Firm
20	UnderlyingContraFirm	Underlying Contra Firm
21	ClearingOrganization	Clearing Organization
22	Exchange	Exchange. Identify using PartyIDSource(tag 447) = G (Market Identifier Code) if the MIC exists.
24	CustomerAccount	Customer Account
25	CorrespondentClearingOrganization	Correspondent Clearing Organization
26	CorrespondentBroker	Correspondent Broker
27	Buyer	Buyer/Seller (Receiver/Deliverer)

<b>Code</b>	<b>Name</b>	<b>Description</b>
28	Custodian	Custodian
29	Intermediary	Intermediary
30	Agent	Agent
31	SubCustodian	Sub-custodian
32	Beneficiary	Beneficiary
33	InterestedParty	Interested party
34	RegulatoryBody	Regulatory body. In the context of regulatory reporting, this identifies the regulator the trade is being reported to.
35	LiquidityProvider	Liquidity provider
36	EnteringTrader	Entering trader
37	ContraTrader	Contra trader
38	PositionAccount	Position account. The account which positions are maintained. Typically represents the aggregation of one or more customer accounts.
39	ContraInvestorID	Contra Investor ID
40	TransferToFirm	Transfer to Firm
41	ContraPositionAccount	Contra Position Account
42	ContraExchange	Contra Exchange
43	InternalCarryAccount	Internal Carry Account
44	OrderEntryOperatorID	Order Entry Operator ID
45	SecondaryAccountNumber	Secondary Account Number
46	ForeignFirm	Foreign Firm
47	ThirdPartyAllocationFirm	Third Party Allocation Firm
48	ClaimingAccount	Claiming Account
49	AssetManager	Asset Manager
50	PledgorAccount	Pledgor Account
51	PledgeeAccount	Pledgee Account
52	LargeTraderReportableAccount	Large Trader Reportable Account
53	TraderMnemonic	Trader mnemonic
54	SenderLocation	Sender Location
55	SessionID	Session ID
56	AcceptableCounterparty	Acceptable Counterparty
57	UnacceptableCounterparty	Unacceptable Counterparty
58	EnteringUnit	Entering Unit
59	ExecutingUnit	Executing Unit

<b>Code</b>	<b>Name</b>	<b>Description</b>
60	IntroducingBroker	Introducing Broker
61	QuoteOriginator	Quote originator
62	ReportOriginator	Report originator
63	SystematicInternaliser	Systematic internaliser (SI)
64	MultilateralTradingFacility	Multilateral Trading Facility (MTF). Identify using PartyIDSource(tag 447) = G (Market Identifier Code) if the MIC exists.
65	RegulatedMarket	Regulated Market (RM). Identify using PartyIDSource(tag 447) = G (Market Identifier Code) if the MIC exists.
66	MarketMaker	Market Maker
67	InvestmentFirm	Investment Firm
68	HostCompetentAuthority	Host Competent Authority (Host CA)
69	HomeCompetentAuthority	Home Competent Authority (Home CA)
70	CompetentAuthorityLiquidity	Competent Authority of the most relevant market in terms of liquidity (CAL)
71	CompetentAuthorityTransactionVenue	Competent Authority of the Transaction (Execution) Venue (CATV)
72	ReportingIntermediary	Reporting intermediary. The medium or vendor used to report to a regulator, non-regulatory agency or data repository.
73	ExecutionVenue	Execution Venue. Identify using PartyIDSource(tag 447) = G (Market Identifier Code) if the MIC exists.
74	MarketDataEntryOriginator	Market data entry originator
75	LocationID	Location ID
76	DeskID	Desk ID
77	MarketDataMarket	Market data market
78	AllocationEntity	Allocation Entity
79	PrimeBroker	Prime Broker providing General Trade Services
80	StepOutFirm	Step-Out Firm (Prime Broker)
81	BrokerClearingID	Broker clearing identifier
82	CentralRegistrationDepository	Central Registration Depository (CRD)
83	ClearingAccount	Clearing Account
84	AcceptableSettlingCounterparty	Acceptable Settling Counterparty
85	UnacceptableSettlingCounterparty	Unacceptable Settling Counterparty
86	CLSMemberBank	CLS Member Bank
87	InConcertGroup	In Concert Group
88	InConcertControllingEntity	In Concert Controlling Entity



<b>Code</b>	<b>Name</b>	<b>Description</b>
89	LargePositionsReportingAccount	Large Positions Reporting Account
90	SettlementFirm	Settlement Firm
91	SettlementAccount	Settlement account. The account to which individual payment obligations are aggregated for netting and funds movement. Typically represents the aggregation of many margin (performance bond) accounts.
92	ReportingMarketCenter	Reporting Market Center
93	RelatedReportingMarketCenter	Related Reporting Market Center
94	AwayMarket	Away Market. Identify using PartyIDSource(tag 447) = G (Market Identifier Code) if the MIC exists.
95	GiveupTradingFirm	Give-up (trading) firm
96	TakeupTradingFirm	Take-up (trading) firm
97	GiveupClearingFirm	Give-up clearing firm
98	TakeupClearingFirm	Take-up clearing firm
99	OriginatingMarket	Originating Market. Identifies the Market using PartyIDSource(tag 447) = G (Market Identifier Code) where an order originated in the event that the order is sent to an alternative market for execution. Serves as an inverse of an away market.
100	MarginAccount	Margin account. Also referred to as "performance bond account". The margin account is the calculated margin requirements. Typically represents the aggregation of one or more position accounts.
101	CollateralAssetAccount	Collateral asset account. The account at which individual collateral assets are maintained. Typically, although not always, one-for-one with the settlement account.
102	DataRepository	Data repository. Multiple instances of this PartyRole may appear for reporting purposes.
103	CalculationAgent	Calculation agent
104	ExerciseNoticeSender	Sender of exercise notice
105	ExerciseNoticeReceiver	Receiver of exercise notice
106	RateReferenceBank	Rate reference bank. The bank providing the reference rate. Multiple instance of this PartyRole may appear.
107	Correspondent	Correspondent
109	BeneficiaryBank	Beneficiary's bank or depository institution. The institution in which the beneficiary, a person or an entity, has their account with. The institution may be a bank or non-bank institution.
110	Borrower	Borrower

Code	Name	Description
111	PrimaryObligator	Primary obligator
112	Guarantor	Guarantor
113	ExcludedReferenceEntity	Excluded reference entity
114	DeterminingParty	Determining party
115	HedgingParty	Hedging party
116	ReportingEntity	Reporting entity. The entity that is reporting the information.
117	SalesPerson	Sales person. The person who is involved in the sales activities for their firm.
118	Operator	Operator. The person who has the capabilities and authorization to take certain actions; for example, setting entitlements, etc.
119	CSD	Central Securities Depository (CSD)
120	ICSD	International Central Securities Depository (ICSD)
121	TradingSubAccount	Trading sub-account. Example of sub-accounts include a clearing account that has multiple trading sub-accounts, a trading account that has multiple trading sub-accounts belonging to different trading firms.
122	InvestmentDecisionMaker	Investment decision maker. In the context of ESMA RTS reporting, this is used to specify party responsible for the investment decision. See RTS 24, Annex, Table 2, Field 4.
123	PublishingIntermediary	Publishing intermediary. The medium or vendor used to publish to the market.
124	CSDParticipant	Central Securities Depository (CSD) Participant. In the context of EU SFTR reporting the identifier of the CSD participant or indirect participant of the reporting counterparty. Where both the CSD participant and indirect participant are involved in the transaction this should identify the indirect participant.
125	Issuer	Issuer. The issuer of the security.
126	ContraCustomerAccount	Contra Customer Account. Same as PartyRole(452) = 24 (Customer Account) but for the counterparty. Can be used whenever the parties component is not nested in a repeating group representing both sides.
127	ContraInvestmentDecisionMaker	Contra Investment Decision Maker. Same as PartyRole(452) = 122 (Investment Decision Maker) but for the counterparty. Can be used whenever the parties component is not nested in a repeating group representing both sides.

Used in groups: [RequestedPartyRoleGrp](#)

**170.2.4555 RequestedPartyRoleGrp**

Used to specify one or more PartyRoles as part of a request.

Name	Mult.	Type	Description
NoRequestedPartyRoles	[1..1]	NumInGroup	
RequestedPartyRole	[0..1]	CodeSet	Identifies the type of party role requested. Required if NoRequestedPartyRoles > 0.
RequestedPartyRoleQualifier	[0..1]	CodeSet	

Used in messages: [PartyDetailsListRequest](#), [PartyEntitlementsRequest](#), [PartyRiskLimitsRequest](#)

**170.2.4556 RequestedPartyRoleQualifier**

Used to further qualify the value of RequestedPartyRole(1509).

Type: **int**

Allowed values in PartyDetailRoleQualifierCodeSet:

Code	Name	Description
0	Agency	Agency
1	Principal	Principal
2	RisklessPrincipal	Riskless principal
3	GeneralClearingMember	General clearing member
30	ExchangeOrderSubmitter	Exchange order submitter. Used to identify original or initial exchange order submitting broker when party role "1" (Executing Firm) appears more than once.
4	IndividualClearingMember	Individual clearing member
5	PreferredMarketMaker	Preferred market maker. Market maker getting a part of the matched quantity before primary or default market maker.
6	DirectedMarketMaker	Directed market maker. Single market maker to handle the order provided.
7	Bank	Bank
8	Hub	Hub. Indicates that the Intermediary party is a hub system or service provider.

<b>Code</b>	<b>Name</b>	<b>Description</b>
9	PrimaryTrdRepository	Primary trade repository. Used to differentiate the principal trade repository from the Original or Additional trade repositories when there are multiple trade repositories being reported.
10	OrigTrdRepository	Original trade repository. Used to identify the trade repository to which the trade was originally reported if different from the current repository to which the trade is being reported.
11	AddnlIntlTrdRepository	Additional international trade repository. Used with InternationalSwapIndicator(2526) to identify the trade repository that is in addition to the local swaps data repository as required by U.S. law.
12	AddnlDomesticTrdRepository	Additional domestic trade repository. Used with MixedSwapIndicator(1929) to identify the trade repository that is in addition to the current trade repository when the assets in the swap are subject to two different domestic regulators.
13	RelatedExchange	Related exchange
14	OptionsExchange	Options exchange
15	SpecifiedExchange	Specified exchange
16	ConstituentExchange	Constituent exchange.
17	ExemptFromTradeReporting	Exempt from trade reporting. In the context of FINRA TRACE reporting requirements, this is used to indicate the ATS has been granted a regulatory exemption from reporting.
18	Current	Current. Can be used to convey an existing party identifier for the same party role in a single message.
19	New	New. Can be used to convey a future party identifier for the same party role in a single message.
20	DesignatedSponsor	Designated sponsor. Market maker jointly providing liquidity for the same security with other market makers.
21	Specialist	Specialist. Market maker being the only one providing liquidity for a security.
22	Algorithm	Algorithm
23	FirmOrLegalEntity	Firm or legal entity
24	NaturalPerson	Natural person
25	RegularTrader	Regular trader. Standard trader profile.
26	HeadTrader	Head trader. Senior trader leading a group of regular traders.
27	Supervisor	Supervisor. Administrative user that has only limited rights for normal trading but possibly special rights for emergency actions.

Code	Name	Description
28	TriParty	Tri-party. In the context of EU SFTR reporting, identifies the third party, not necessarily the custodian, to which the reporting counterparty has outsourced the post-trade processing of an SFT (if applicable).
29	Lender	Lender. In the context of EU SFTR reporting, identifies the agent lender involved in the securities lending transaction.

Used in groups: [RequestedPartyRoleGrp](#)

### 170.2.4557 RequestedRiskLimitTypesGrp

List of risk limit types being requested.

Name	Mult.	Type	Description
<a href="#">NoRequestedRiskLimitType</a>	[1..1]	NumInGroup	
<a href="#">RiskLimitType</a>	[0..1]	CodeSet	Required if <a href="#">NoRequestedRiskLimitType</a> > 0.

Used in messages: [PartyRiskLimitsRequest](#)

### 170.2.4558 RequestingPartyGrp

Identifies the party making the request.

Name	Mult.	Type	Description
<a href="#">NoRequestingPartyIDs</a>	[1..1]	NumInGroup	
<a href="#">RequestingPartyID</a>	[0..1]	String	Required when <a href="#">NoRequestingPartyIDs</a> > 0.
<a href="#">RequestingPartyIDSource</a>	[0..1]	CodeSet	Required when <a href="#">NoRequestingPartyIDs</a> > 0.
<a href="#">RequestingPartyRole</a>	[0..1]	CodeSet	Required when <a href="#">NoRequestingPartyIDs</a> > 0.
<a href="#">RequestingPartyRoleQualifier</a>	[0..1]	CodeSet	
<a href="#">RequestingPartySubGrp</a>	[0..*]	Group	

Used in messages: [PartyActionReport](#), [PartyActionRequest](#), [PartyDetailsDefinitionRequest](#), [PartyDetailsDefinitionRequestAck](#), [PartyDetailsListRequest](#), [PartyDetailsListUpdateReport](#), [PartyEntitlementsDefinitionRequest](#), [PartyEntitlementsDefinitionRequestAck](#), [PartyEntitlementsRequest](#), [PartyEntitle-](#)

mentsUpdateReport, PartyRiskLimitCheckRequest, PartyRiskLimitCheckRequestAck, PartyRiskLimits-DefinitionRequest, PartyRiskLimitsDefinitionRequestAck, PartyRiskLimitsRequest, PartyRiskLimitsUpdateReport

### 170.2.4559 RequestingPartyID

Party identifier for the requesting party.

Type: **String**

Used in groups: **RequestingPartyGrp**

### 170.2.4560 RequestingPartyIDSource

Identifies the source of the RequestingPartyID(1658) value.

Type: **char**

Allowed values in PartyIDSourceCodeSet:

Code	Name	Description
1	KoreanInvestorID	Korean Investor ID
6	UKNationalInsuranceOrPension-Number	UK National Insurance or Pension Number
B	BIC	BIC (Bank Identification Code - SWIFT managed) code (ISO9362 - See "Appendix 6-B")
I	ISITCAcronym	Directed broker three character acronym as defined in ISITC "ETC Best Practice" guidelines document
2	TaiwaneseForeignInvestorID	Taiwanese Qualified Foreign Investor ID QFI/FID
7	USSocialSecurityNumber	US Social Security Number
C	GeneralIdentifier	Generally accepted market participant identifier (e.g. NASD mnemonic)
3	TaiwaneseTradingAcct	Taiwanese Trading Acct
8	USEmployerOrTaxIDNumber	US Employer or Tax ID Number
D	Proprietary	Proprietary / Custom code. Custom ID schema used between counterparties, trading platforms and repositories.
4	MalaysianCentralDepository	Malaysian Central Depository (MCD) number
9	AustralianBusinessNumber	Australian Business Number
E	ISOCountryCode	ISO Country Code
5	ChineseInvestorID	Chinese Investor ID

Code	Name	Description
A	AustralianTaxFileNumber	Australian Tax File Number
F	SettlementEntityLocation	Settlement Entity Location (note if Local Market Settlement use "E=ISO Country Code") (see "Appendix 6-G" for valid values)
G	MIC	Market Identifier Code (ISO 10383) MIC
J	TaxID	Tax ID
H	CSDParticipant	CSD participant/member code (e.g. Euroclear, DTC, CREST or Kassenverein number)
K	AustralianCompanyNumber	Australian Company Number
L	AustralianRegisteredBodyNumber	Australian Registered Body Number
M	CFTCReportingFirmIdentifier	CFTC reporting firm identifier
N	LegalEntityIdentifier	Legal Entity Identifier (ISO 17442) LEI
O	InterimIdentifier	Interim identifier. An interim entity identifier assigned by a regulatory agency prior to an LEI (ISO 17442) being assigned.
P	ShortCodeIdentifier	Short code identifier. A generic means for trading venues, brokers, investment managers to convey a bilaterally agreed upon "short hand" code for an identifier that is a reference to a mapping between the parties.
Q	NationalIDNaturalPerson	National ID of natural person. An identification number generally assigned by a government authority or agency to a natural person which is unique to the person it is assigned to. Examples include, but not limited to, "social security number", "pension number".
R	IndiaPermanentAccountNumber	India Permanent Account Number. Also referred to as PAN ID. An identifier issued by the Income Tax Department of India.
S	FDID	Firm designated identifier. Also referred to as FDID. A unique identifier required by the SEC for each trading account designated by Industry Members for purposes of reporting to CAT (Consolidated Audit Trail).
T	SPSAID	Special Segregated Account ID. Also referred to as SPSA ID. The Special Segregated Account identifier issued by Hong Kong Exchanges and Clearing.
U	MasterSPSAID	Master Special Segregated Account ID. Also referred to as Master SPSA ID. The master identifier issued by Hong Kong Exchanges and Clearing for the aggregation of SPSA IDs.

Used in groups: [RequestingPartyGrp](#)

**170.2.4561 RequestingPartyRole**

Identifies the type or role of the RequestingPartyID(1658) specified.

Type: **int**

Allowed values in PartyRoleCodeSet:

Code	Name	Description
1	ExecutingFirm	Executing Firm (formerly FIX 4.2 ExecBroker)
2	BrokerOfCredit	Broker of Credit (formerly FIX 4.2 BrokerOfCredit)
3	ClientID	Client ID (formerly FIX 4.2 ClientID)
4	ClearingFirm	Clearing Firm (formerly FIX 4.2 ClearingFirm)
5	InvestorID	Investor ID
6	IntroducingFirm	Introducing Firm
7	EnteringFirm	Entering Firm
8	Locate	Locate / Lending Firm (for short-sales)
9	FundManagerClientID	Fund Manager Client ID (for CIV)
10	SettlementLocation	Settlement Location (formerly FIX 4.2 SettLocation)
11	OrderOriginationTrader	Order Origination Trader (associated with Order Origination Firm - i.e. trader who initiates/submits the order)
12	ExecutingTrader	Executing Trader (associated with Executing Firm - actually executes)
13	OrderOriginationFirm	Order Origination Firm (e.g. buy-side firm)
14	GiveupClearingFirmDepr	Giveup Clearing Firm (firm to which trade is given up)
15	CorrespondantClearingFirm	Correspondant Clearing Firm
16	ExecutingSystem	Executing System
17	ContraFirm	Contra Firm
18	ContraClearingFirm	Contra Clearing Firm
19	SponsoringFirm	Sponsoring Firm
20	UnderlyingContraFirm	Underlying Contra Firm
21	ClearingOrganization	Clearing Organization
22	Exchange	Exchange. Identify using PartyIDSource(tag 447) = G (Market Identifier Code) if the MIC exists.
24	CustomerAccount	Customer Account
25	CorrespondentClearingOrganization	Correspondent Clearing Organization
26	CorrespondentBroker	Correspondent Broker
27	Buyer	Buyer/Seller (Receiver/Deliverer)



<b>Code</b>	<b>Name</b>	<b>Description</b>
28	Custodian	Custodian
29	Intermediary	Intermediary
30	Agent	Agent
31	SubCustodian	Sub-custodian
32	Beneficiary	Beneficiary
33	InterestedParty	Interested party
34	RegulatoryBody	Regulatory body. In the context of regulatory reporting, this identifies the regulator the trade is being reported to.
35	LiquidityProvider	Liquidity provider
36	EnteringTrader	Entering trader
37	ContraTrader	Contra trader
38	PositionAccount	Position account. The account which positions are maintained. Typically represents the aggregation of one or more customer accounts.
39	ContraInvestorID	Contra Investor ID
40	TransferToFirm	Transfer to Firm
41	ContraPositionAccount	Contra Position Account
42	ContraExchange	Contra Exchange
43	InternalCarryAccount	Internal Carry Account
44	OrderEntryOperatorID	Order Entry Operator ID
45	SecondaryAccountNumber	Secondary Account Number
46	ForeignFirm	Foreign Firm
47	ThirdPartyAllocationFirm	Third Party Allocation Firm
48	ClaimingAccount	Claiming Account
49	AssetManager	Asset Manager
50	PledgorAccount	Pledgor Account
51	PledgeeAccount	Pledgee Account
52	LargeTraderReportableAccount	Large Trader Reportable Account
53	TraderMnemonic	Trader mnemonic
54	SenderLocation	Sender Location
55	SessionID	Session ID
56	AcceptableCounterparty	Acceptable Counterparty
57	UnacceptableCounterparty	Unacceptable Counterparty
58	EnteringUnit	Entering Unit
59	ExecutingUnit	Executing Unit

<b>Code</b>	<b>Name</b>	<b>Description</b>
60	IntroducingBroker	Introducing Broker
61	QuoteOriginator	Quote originator
62	ReportOriginator	Report originator
63	SystematicInternaliser	Systematic internaliser (SI)
64	MultilateralTradingFacility	Multilateral Trading Facility (MTF). Identify using PartyIDSource(tag 447) = G (Market Identifier Code) if the MIC exists.
65	RegulatedMarket	Regulated Market (RM). Identify using PartyIDSource(tag 447) = G (Market Identifier Code) if the MIC exists.
66	MarketMaker	Market Maker
67	InvestmentFirm	Investment Firm
68	HostCompetentAuthority	Host Competent Authority (Host CA)
69	HomeCompetentAuthority	Home Competent Authority (Home CA)
70	CompetentAuthorityLiquidity	Competent Authority of the most relevant market in terms of liquidity (CAL)
71	CompetentAuthorityTransactionVenue	Competent Authority of the Transaction (Execution) Venue (CATV)
72	ReportingIntermediary	Reporting intermediary. The medium or vendor used to report to a regulator, non-regulatory agency or data repository.
73	ExecutionVenue	Execution Venue. Identify using PartyIDSource(tag 447) = G (Market Identifier Code) if the MIC exists.
74	MarketDataEntryOriginator	Market data entry originator
75	LocationID	Location ID
76	DeskID	Desk ID
77	MarketDataMarket	Market data market
78	AllocationEntity	Allocation Entity
79	PrimeBroker	Prime Broker providing General Trade Services
80	StepOutFirm	Step-Out Firm (Prime Broker)
81	BrokerClearingID	Broker clearing identifier
82	CentralRegistrationDepository	Central Registration Depository (CRD)
83	ClearingAccount	Clearing Account
84	AcceptableSettlingCounterparty	Acceptable Settling Counterparty
85	UnacceptableSettlingCounterparty	Unacceptable Settling Counterparty
86	CLSMemberBank	CLS Member Bank
87	InConcertGroup	In Concert Group
88	InConcertControllingEntity	In Concert Controlling Entity

<b>Code</b>	<b>Name</b>	<b>Description</b>
89	LargePositionsReportingAccount	Large Positions Reporting Account
90	SettlementFirm	Settlement Firm
91	SettlementAccount	Settlement account. The account to which individual payment obligations are aggregated for netting and funds movement. Typically represents the aggregation of many margin (performance bond) accounts.
92	ReportingMarketCenter	Reporting Market Center
93	RelatedReportingMarketCenter	Related Reporting Market Center
94	AwayMarket	Away Market. Identify using PartyIDSource(tag 447) = G (Market Identifier Code) if the MIC exists.
95	GiveupTradingFirm	Give-up (trading) firm
96	TakeupTradingFirm	Take-up (trading) firm
97	GiveupClearingFirm	Give-up clearing firm
98	TakeupClearingFirm	Take-up clearing firm
99	OriginatingMarket	Originating Market. Identifies the Market using PartyIDSource(tag 447) = G (Market Identifier Code) where an order originated in the event that the order is sent to an alternative market for execution. Serves as an inverse of an away market.
100	MarginAccount	Margin account. Also referred to as "performance bond account". The margin account is the calculated margin requirements. Typically represents the aggregation of one or more position accounts.
101	CollateralAssetAccount	Collateral asset account. The account at which individual collateral assets are maintained. Typically, although not always, one-for-one with the settlement account.
102	DataRepository	Data repository. Multiple instances of this PartyRole may appear for reporting purposes.
103	CalculationAgent	Calculation agent
104	ExerciseNoticeSender	Sender of exercise notice
105	ExerciseNoticeReceiver	Receiver of exercise notice
106	RateReferenceBank	Rate reference bank. The bank providing the reference rate. Multiple instance of this PartyRole may appear.
107	Correspondent	Correspondent
109	BeneficiaryBank	Beneficiary's bank or depository institution. The institution in which the beneficiary, a person or an entity, has their account with. The institution may be a bank or non-bank institution.
110	Borrower	Borrower

<b>Code</b>	<b>Name</b>	<b>Description</b>
111	PrimaryObligator	Primary obligator
112	Guarantor	Guarantor
113	ExcludedReferenceEntity	Excluded reference entity
114	DeterminingParty	Determining party
115	HedgingParty	Hedging party
116	ReportingEntity	Reporting entity. The entity that is reporting the information.
117	SalesPerson	Sales person. The person who is involved in the sales activities for their firm.
118	Operator	Operator. The person who has the capabilities and authorization to take certain actions; for example, setting entitlements, etc.
119	CSD	Central Securities Depository (CSD)
120	ICSD	International Central Securities Depository (ICSD)
121	TradingSubAccount	Trading sub-account. Example of sub-accounts include a clearing account that has multiple trading sub-accounts, a trading account that has multiple trading sub-accounts belonging to different trading firms.
122	InvestmentDecisionMaker	Investment decision maker. In the context of ESMA RTS reporting, this is used to specify party responsible for the investment decision. See RTS 24, Annex, Table 2, Field 4.
123	PublishingIntermediary	Publishing intermediary. The medium or vendor used to publish to the market.
124	CSDParticipant	Central Securities Depository (CSD) Participant. In the context of EU SFTR reporting the identifier of the CSD participant or indirect participant of the reporting counterparty. Where both the CSD participant and indirect participant are involved in the transaction this should identify the indirect participant.
125	Issuer	Issuer. The issuer of the security.
126	ContraCustomerAccount	Contra Customer Account. Same as PartyRole(452) = 24 (Customer Account) but for the counterparty. Can be used whenever the parties component is not nested in a repeating group representing both sides.
127	ContraInvestmentDecisionMaker	Contra Investment Decision Maker. Same as PartyRole(452) = 122 (Investment Decision Maker) but for the counterparty. Can be used whenever the parties component is not nested in a repeating group representing both sides.

Used in groups: [RequestingPartyGrp](#)

**170.2.4562 RequestingPartyRoleQualifier**

Qualifies the value of RequestingPartyRole(1660).

Type: **int**

Allowed values in PartyDetailRoleQualifierCodeSet:

Code	Name	Description
0	Agency	Agency
1	Principal	Principal
2	RisklessPrincipal	Riskless principal
3	GeneralClearingMember	General clearing member
30	ExchangeOrderSubmitter	Exchange order submitter. Used to identify original or initial exchange order submitting broker when party role "1" (Executing Firm) appears more than once.
4	IndividualClearingMember	Individual clearing member
5	PreferredMarketMaker	Preferred market maker. Market maker getting a part of the matched quantity before primary or default market maker.
6	DirectedMarketMaker	Directed market maker. Single market maker to handle the order provided.
7	Bank	Bank
8	Hub	Hub. Indicates that the Intermediary party is a hub system or service provider.
9	PrimaryTrdRepository	Primary trade repository. Used to differentiate the principal trade repository from the Original or Additional trade repositories when there are multiple trade repositories being reported.
10	OrigTrdRepository	Original trade repository. Used to identify the trade repository to which the trade was originally reported if different from the current repository to which the trade is being reported.
11	AddnlIntlTrdRepository	Additional international trade repository. Used with InternationalSwapIndicator(2526) to identify the trade repository that is in addition to the local swaps data repository as required by U.S. law.
12	AddnlDomesticTrdRepository	Additional domestic trade repository. Used with MixedSwapIndicator(1929) to identify the trade repository that is in addition to the current trade repository when the assets in the swap are subject to two different domestic regulators.
13	RelatedExchange	Related exchange
14	OptionsExchange	Options exchange

Code	Name	Description
15	SpecifiedExchange	Specified exchange
16	ConstituentExchange	Constituent exchange.
17	ExemptFromTradeReporting	Exempt from trade reporting. In the context of FINRA TRACE reporting requirements, this is used to indicate the ATS has been granted a regulatory exemption from reporting.
18	Current	Current. Can be used to convey an existing party identifier for the same party role in a single message.
19	New	New. Can be used to convey a future party identifier for the same party role in a single message.
20	DesignatedSponsor	Designated sponsor. Market maker jointly providing liquidity for the same security with other market makers.
21	Specialist	Specialist. Market maker being the only one providing liquidity for a security.
22	Algorithm	Algorithm
23	FirmOrLegalEntity	Firm or legal entity
24	NaturalPerson	Natural person
25	RegularTrader	Regular trader. Standard trader profile.
26	HeadTrader	Head trader. Senior trader leading a group of regular traders.
27	Supervisor	Supervisor. Administrative user that has only limited rights for normal trading but possibly special rights for emergency actions.
28	TriParty	Tri-party. In the context of EU SFTR reporting, identifies the third party, not necessarily the custodian, to which the reporting counterparty has outsourced the post-trade processing of an SFT (if applicable).
29	Lender	Lender. In the context of EU SFTR reporting, identifies the agent lender involved in the securities lending transaction.

Used in groups: [RequestingPartyGrp](#)

### 170.2.4563 RequestingPartySubGrp

Sub identifiers for the requesting party.

Name	Mult.	Type	Description
<a href="#">NoRequestingPartySubIDs</a>	[1..1]	NumInGroup	

Name	Mult.	Type	Description
RequestingPartySubID	[0..1]	String	Required when NoRequestingPartySubIDs > 0.
RequestingPartySubIDType	[0..1]	CodeSet	Required when NoRequestingPartySubIDs > 0.

Used in groups: [RequestingPartyGrp](#)

### 170.2.4564 RequestingPartySubID

Sub-identifier for the party specified in RequestingPartyID(1658).

Type: [String](#)

Used in groups: [RequestingPartySubGrp](#)

### 170.2.4565 RequestingPartySubIDType

Type of RequestingPartySubID(1662) value.

Type: [int](#)

Allowed values in PartySubIDTypeCodeSet:

Code	Name	Description
1	Firm	Firm
2	Person	Person
3	System	System
4	Application	Application
5	FullLegalNameOfFirm	Full legal name of firm
6	PostalAddress	Postal address
7	PhoneNumber	Phone number
8	EmailAddress	Email address
9	ContactName	Contact name
10	SecuritiesAccountNumber	Securities account number (for settlement instructions)
11	RegistrationNumber	Registration number (for settlement instructions and confirmations)
12	RegisteredAddressForConfirmation	Registered address (for confirmation purposes)
13	RegulatoryStatus	Regulatory status (for confirmation purposes)

<b>Code</b>	<b>Name</b>	<b>Description</b>
14	RegistrationName	Registration name (for settlement instructions)
15	CashAccountNumber	Cash account number (for settlement instructions)
16	BIC	BIC
17	CSDParticipantMemberCode	CSD participant member code
18	RegisteredAddress	Registered address
19	FundAccountName	Fund account name
20	TelexNumber	Telex number
21	FaxNumber	Fax number
22	SecuritiesAccountName	Securities account name
23	CashAccountName	Cash account name
24	Department	Department
25	LocationDesk	Location desk
26	PositionAccountType	Position account type
27	SecurityLocateID	Security locate ID
28	MarketMaker	Market maker
29	EligibleCounterparty	Eligible counterparty
30	ProfessionalClient	Professional client
31	Location	Location
32	ExecutionVenue	Execution venue
33	CurrencyDeliveryIdentifier	Currency delivery identifier
34	AddressCity	Address City
35	AddressStateOrProvince	Address State/Province
36	AddressPostalCode	Address Postal Code
37	AddressStreet	Address Street
38	AddressISOCountryCode	Address Country (ISO country code)
39	ISOCountryCode	ISO country code
40	MarketSegment	Market segment
41	CustomerAccountType	Customer account type
42	OmnibusAccount	Omnibus account
43	FundsSegregationType	Funds segregation type
44	GuaranteeFund	Guarantee fund. Identifies a guarantee fund related to an account. Used when one account has multiple funds of collateral, each guaranteeing different positions. Can be used for PartyRole(452) = Customer Account(24).



Code	Name	Description
45	SwapDealer	Swap dealer. The US regulator's defined term for identifying the trade counterparty as "any person who holds itself out as a dealer in swaps, makes a market in swaps, regularly enters into swaps with counterparties as an ordinary course of business for its own account, or engages in activity causing itself to be commonly known in the trade as a dealer or market maker in swaps".
46	MajorParticipant	Major participant. When PartySubID(523)=Y the counterparty is not the swap dealer but is a major swap participant as defined in the regulations.
47	FinancialEntity	Financial entity. When PartySubID(523)=Y the counterparty is neither a swap dealer nor a major swap participant but is a financial entity as defined in the regulations.
48	USPerson	U.S. person. A legal term referring to any U.S. person or legal entity anywhere in the world that should be taxed under U.S. law.
49	ReportingEntityIndicator	Reporting entity indicator. Indicates the entity obligated or delegated to report to their regulator, a non-regulatory agency or data repository. Set PartySubID(523)=Y if true.
50	ElectedClearingRequirementException	Elected clearing requirement exception
51	BusinessCenter	Business center.
52	ReferenceText	Reference text
53	ShortMarkingExemptAccount	Short-marking exempt account
54	ParentFirmIdentifier	Parent firm identifier. Implementation-specific identifier of this party's parent entity.
55	ParentFirmName	Parent firm name. Full name of this party's parent entity.
56	DealIdentifier	Deal identifier. The internal identifier assigned to the trade by this party, particularly by a Clearing Organization.
57	SystemTradeID	System trade identifier
58	SystemTradeSubID	System trade sub-identifier
59	FCMCode	Futures Commission Merchant (FCM) code. The FCM's code or identifier in relation to the PartyRole(452). For example, if PartyRole(452) is the exchange or clearinghouse, the FCM code/ID specified in PartySubID(523) is the FCM's identifier at the exchange or clearinghouse.
60	DlvryTrmlCode	Delivery terminal customer account/code. Usually used for gas delivery to identify whose account the gas is allocated to at the delivery terminal. Often referred to as "HUB" code.

Code	Name	Description
61	VolntyRptEntity	Voluntary reporting entity. The entity voluntarily reporting the trade to the regulator. Set PartySubID(523)=Y if true.
62	RptObligJurisdiction	Reporting obligation jurisdiction. For a trade that falls under multiple jurisdictions this may be used to identify, through PartySubID(523), the reporting jurisdiction to which the party is obligated to report.
63	VolntyRptJurisdiction	Voluntary reporting jurisdiction. For a trade that falls under multiple jurisdictions this may be used to identify, through PartySubID(523), the regulatory jurisdiction to which the party is submitting a voluntary report.
64	CompanyActivities	Company activities. For regulatory reporting. ID values include: A = Assurance undertaking authorized in accordance with Directive 2002/83/EC C=Credit institution authorized in accordance with Directive 2006/48/EC F=Investment firm in accordance with Directive 2004/39/EC I=Insurance undertaking authorized in accordance with Directive 73/239/EC L=Alternative investment fund managed by AIFMs authorized or registered in accordance with Directive 2011/61/EC O=Institution for occupational retirement provision within the meaning of Article 6(a) of Directive 2003/41/EC R=Reinsurance undertaking authorized in accordance with Directive 2005/68/EC U=UCITS and its management company, authorized in accordance with Directive 2009/65/EC or blank in case of coverage by LEI or in case of non-financial counterparties. In the context of EU SFTR reporting use the appropriate 4- or 1-character code noted in the regulations. See SFTR ITS "Commission Implementing Regulation (EU) 2019/363" Annexes 1 and 2 for values.
65	EEAreaDomiciled	European Economic Area domiciled. ID values: Y or N
66	ContractLinked	Contract linked to commercial or treasury financing for this counterparty. ID values: Y or N
67	ContractAbove	Contract above clearing threshold for this counterparty. ID values: Y or N
68	VolntyRptPty	Voluntary reporting party. When PartySubID(523)=Y, identifies that the trading party is reporting voluntarily when VoluntaryRegulatoryReport(1935)=Y.
69	EndUser	End user. When PartySubID(523)=Y, the counterparty is neither the swap dealer, major swap participant nor financial entity as defined in the regulations.

Code	Name	Description
70	LocationOrJurisdiction	Location or jurisdiction. One or more instances may be used in combination with PartySubIDType(803) = 49 (Reporting entity indicator) or 102 (Data repository) to identify the jurisdiction, countries, regions or provinces for which the party is a reporting entity or data repository when that characteristic is ambiguous or where there are multiple locations. The party sub-ID value is either a jurisdiction acronym, a 2-character ISO 3166 country code, or a hyphenated combination of the country code and the standard post-office abbreviation for province, state or region if necessary. E.g. "US" for United States or "CA-QC" for Quebec Canada.
71	DerivativesDealer	Derivatives dealer. Indicates whether the party is a derivatives dealer or not (Y/N). The Canadian regulator's defined term for identifying the trade counterparty as "a person or company engaging in or holding himself, herself or itself out as engaging in the business of trading in derivatives in Ontario as principal or agent".
72	Domicile	Domicile. Country and optionally province, state or region of domicile. The party sub-ID value is either a 2-character ISO 3166 country code or a hyphenated combination of the country code and the standard post-office abbreviation of province, state or region if necessary. E.g. "US" for United States or "CA-QC" for Quebec Canada.
73	ExemptFromRecognition	Exempt from recognition. Used with party role 21 "Clearing Organization" to indicate exemption (Y/N). Identifies a clearing agency as exempt from oversight in Ontario, i.e. one that 1) only provides limited services and does not present significant risks or 2) is foreign-based, intends to operate in Ontario but is subject to regulatory oversight in another jurisdiction.
74	Payer	Payer. Identifies the party as the payer of a particular payment stream or bullet payment by quoting the stream's StreamDesc(40051) (or LegStreamDesc(40243) or UnderlyingStreamDesc(40542)) or payment's PaymentDesc(43087) in the associated party sub-identifier field.
75	Receiver	Receiver. Identifies the party as the receiver of a particular payment stream or bullet payment by quoting the stream's StreamDesc(40051) (or LegStreamDesc(40243) or UnderlyingStreamDesc(40542)) or payment's PaymentDesc(43087) in the associated party sub-identifier field.

Code	Name	Description
76	SystematicInternaliser	Systematic Internaliser (SI). In the context of ESMA reporting, this is used to indicate whether the specified party is a Systematic Internaliser or not for the security defined in the Instrument component (Y/N).
77	PublishingEntityIndicator	Publishing entity indicator. Indicates the entity obligated or delegated to publish to the market. Set PartySubID(523)=Y if true.
78	FirstName	First name. The first name(s) of a natural person. If multiple names, separate entries by a comma.
79	Surname	Surname. The surname(s) or lastname(s) of a natural person. If multiple names, separate entries by a comma.
80	DateOfBirth	Date of birth. The date of birth of a natural person in the format YYYYMMDD.
81	OrderTransmittingFirm	Order transmitting firm. Identifies whether the party specified in PartyID(448) is the firm that transmitted the order. In the context of RTS 22 Article 4, when "true" the PartySubID(523)=Y shall be set "by the transmitting firm within the transmitting firm's report where conditions for transmission specified in Article 4 were not satisfied."
82	OrderTransmittingFirmBuyer	Order transmitting firm for buyer. Identifies the firm that transmitted the order for the buyer. In the context of ESMA RTS 22, PartySubID(523)=Y is used to indicate the firm identified in PartyID(448) is the firm that transmitted the order for the buyer. "This shall be populated by the receiving firm within the receiving firm's report with the identification code provided by the transmitting firm."
83	OrderTransmitterSeller	Order transmitter for seller. Identifies the order transmitting firm for the seller. In the context of ESMA RTS 22, PartySubID(523)=Y is used to indicate the firm identified in PartyID(448) is the firm that transmitted the order for the seller. "This shall be populated by the receiving firm within the receiving firm's report with the identification code provided by the transmitting firm."
84	LegalEntityIdentifier	Legal Entity Identifier (ISO 17442) LEI
85	SubSectorClassification	Sub-sector classification. Supplemental to party sub-ID type "64" (Company activities) for regulatory reporting. For EU SFTR reporting use the appropriate 4-character code noted in the regulations applying the conditional association rules. See SFTR ITS "Commission Implementing Regulation (EU) 2019/363" Annexes 1 and 2 for values.

Code	Name	Description
86	PartySide	Party side. May be used, when appropriate, to explicitly indicate the transaction side of the party, e.g. Buyer, Seller, Lender, Borrower, Maker, Taker, etc. in the ID. In the context of EU SFTR reporting, use values as required by SFTR, "GIVE" and "TAKE" in the ID, to identify collateral giver and taker.
87	LegalRegistrationCountry	Legal registration country. ISO Country Code where the registered office of the party is located as specified in the LEI reference data.

Used in groups: [RequestingPartySubGrp](#)

### 170.2.4566 RequestResult

Result of a request as identified by the appropriate request ID field

Type: [int](#)

Allowed values in RequestResultCodeSet:

Code	Name	Description
0	ValidRequest	Valid request
1	InvalidOrUnsupportedRequest	Invalid or unsupported request
2	NoDataFound	No data found that match selection criteria
3	NotAuthorized	Not authorized to retrieve data
4	DataTemporarilyUnavailable	Data temporarily unavailable
5	RequestForDataNotSupported	Request for data not supported
99	Other	Other (further information in RejectText (1328) field)

Used in messages: [PartyDetailsListReport](#), [PartyEntitlementsReport](#), [PartyRiskLimitsReport](#)

### 170.2.4567 ResetSeqNumFlag

Indicates that both sides of the FIX session should reset sequence numbers.

Type: [Boolean](#)

Allowed values in ResetSeqNumFlagCodeSet:

Code	Name	Description
N	No	No
Y	Yes	Yes, reset sequence numbers

Used in messages: [Logon](#)

### 170.2.4568 RespondentType

Specifies the type of respondents requested.

Type: [int](#)

Allowed values in RespondentTypeCodeSet:

Code	Name	Description
1	AllMarketParticipants	All market participants
2	SpecifiedMarketParticipants	Specified market participants
3	AllMarketMakers	All Market Makers
4	PrimaryMarketMaker	Primary Market Maker(s)

Used in messages: [QuoteRequest](#), [QuoteRequestReject](#)

### 170.2.4569 ResponseDestination

URI (Uniform Resource Identifier) for details) or other pre-arranged value. Used in conjunction with ResponseTransportType (725) value of Out-of-Band to identify the out-of-band destination.

See "Appendix 6-B FIX Fields Based Upon Other Standards"

Type: [String](#)

Used in messages: [CollateralInquiry](#), [CollateralInquiryAck](#), [MarginRequirementInquiry](#), [MarginRequirementInquiryAck](#), [RequestForPositions](#), [RequestForPositionsAck](#), [TradeCaptureReportAck](#), [TradeCaptureReportRequest](#), [TradeCaptureReportRequestAck](#)

### 170.2.4570 ResponseTime

The time by which a meaningful response should arrive back (always expressed in UTC (Universal Time Coordinated, also known as "GMT")).

Type: [UTCTimestamp](#)

Used in groups: [QuotReqGrp](#)

### 170.2.4571 ResponseTransportType

Identifies how the response to the request should be transmitted.

Type: [int](#)

Allowed values in ResponseTransportTypeCodeSet:

---

Code	Name	Description
0	Inband	In-band (default). Transport of the request was sent over in-band.
1	OutOfBand	Out of band. Pre-arranged out-of-band delivery mechanism (e.g. FTP, HTTP, NDM, etc.) between counterparties. Details specified via ResponseDestination(726).

---

Used in messages: [CollateralInquiry](#), [CollateralInquiryAck](#), [MarginRequirementInquiry](#), [MarginRequirementInquiryAck](#), [RequestForPositions](#), [RequestForPositionsAck](#), [TradeCaptureReportAck](#), [TradeCaptureReportRequest](#), [TradeCaptureReportRequestAck](#)

### 170.2.4572 RestructuringType

A category of CDS credit event in which the underlying bond experiences a restructuring.

Used to define a CDS instrument.

Type: [String](#)

Allowed values in RestructuringTypeCodeSet:

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Code	Name	Description
FR	FullRestructuring	Full Restructuring
MR	ModifiedRestructuring	Modified Restructuring
MM	ModifiedModRestructuring	Modified Mod Restructuring
XR	NoRestructuringSpecified	No Restructuring specified

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Used in components: [Instrument](#)

**170.2.4573 ReturnRateAmountRelativeTo**

Specifies the reference amount when the return rate amount is relative to another amount in the trade.

See [http://www.fixtradingcommunity.org/codelists#Payment\\_Amount\\_Relative\\_To](http://www.fixtradingcommunity.org/codelists#Payment_Amount_Relative_To) for code list of relative amounts.

Type: **int**

Used in groups: **ReturnRateGrp**

**170.2.4574 ReturnRateCashFlowType**

Specifies the type of cash flows, e.g. coupon payment, premium fee, settlement fee, etc.

See <http://www.fpml.org/coding-scheme/cashflow-type> for values.

Type: **String**

Used in groups: **ReturnRateGrp**

**170.2.4575 ReturnRateCommissionAmount**

The commission amount.

Type: **Amt**

Used in groups: **ReturnRateGrp**

**170.2.4576 ReturnRateCommissionBasis**

Specifies the basis or unit used to calculate the commission.

Type: **char**

Allowed values in CommTypeCodeSet:

---

Code	Name	Description
1	PerUnit	Amount per unit. Implying shares, par, currency, physical unit etc. Use CommissionUnitOfMeasure(1238) to clarify for commodities.
2	Percent	Percent

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Code	Name	Description
3	Absolute	Absolute. Total monetary amount.
4	PercentageWaivedCashDiscount	Percentage waived, cash discount basis. For use with CIV buy orders.
5	PercentageWaivedEnhancedUnits	Percentage waived, enhanced units basis. For use with CIV buy orders.
6	PointsPerBondOrContract	Points per bond or contract. Specify ContractMultiplier(231) in the Instrument component if the security is denominated in a size other than the market convention, e.g. 1000 par for bonds.
7	BasisPoints	Basis points. The commission is expressed in basis points in reference to the gross price of the reference asset.
8	AmountPerContract	Amount per contract. Specify ContractMultiplier(231) in the Instrument component if the security is denominated in a size other than the market convention.

Used in groups: [ReturnRateGrp](#)

#### 170.2.4577 ReturnRateCommissionCurrency

Specifies the currency the commission amount is denominated in. Uses ISO 4217 currency codes.

Type: [Currency](#)

Used in groups: [ReturnRateGrp](#)

#### 170.2.4578 ReturnRateDateGrp

ReturnRateDateGrp is a repeating subcomponent within the ReturnRateGrp component. It is used to specify the equity and dividend valuation dates for an equity return swap payment stream.

Name	Mult.	Type	Description
<a href="#">NoReturnRateDates</a>	[1..1]	NumInGroup	
<a href="#">ReturnRateDateMode</a>	[0..1]	CodeSet	Required if NoReturnRateDates(42709) > 0.
<a href="#">ReturnRateValuationDateGrp</a>	[0..*]	Group	
<a href="#">ReturnRateValuationDateRelativeTo</a>	[0..1]	int	
<a href="#">ReturnRateValuationDateOffsetPeriod</a>	[0..1]	int	Conditionally required when ReturnRateValuationDateOffsetUnit(42713) is specified.

Name	Mult.	Type	Description
ReturnRateValuationDateOffsetUnit	[0..1]	CodeSet	Conditionally required when ReturnRateValuationDateOffsetPeriod(42712) is specified.
ReturnRateValuationDateOffsetDayType	[0..1]	CodeSet	
ReturnRateValuationStartDateUnadjusted	[0..1]	LocalMktDate	
ReturnRateValuationStartDateRelativeTo	[0..1]	int	
ReturnRateValuationStartDateOffsetPeriod	[0..1]	int	Conditionally required when ReturnRateValuationStartDateOffsetUnit(42718) is specified.
ReturnRateValuationStartDateOffsetUnit	[0..1]	CodeSet	Conditionally required when ReturnRateValuationStartDateOffsetPeriod(42717) is specified.
ReturnRateValuationStartDateOffsetDayType	[0..1]	CodeSet	
ReturnRateValuationStartDateAdjusted	[0..1]	LocalMktDate	
ReturnRateValuationEndDateUnadjusted	[0..1]	LocalMktDate	
ReturnRateValuationEndDateRelativeTo	[0..1]	int	
ReturnRateValuationEndDateOffsetPeriod	[0..1]	int	Conditionally required when ReturnRateValuationEndDateOffsetUnit(42724) is specified.
ReturnRateValuationEndDateOffsetUnit	[0..1]	CodeSet	Conditionally required when ReturnRateValuationEndDateOffsetPeriod(42723) is specified.
ReturnRateValuationEndDateOffsetDayType	[0..1]	CodeSet	
ReturnRateValuationEndDateAdjusted	[0..1]	LocalMktDate	
ReturnRateValuationFrequencyPeriod	[0..1]	int	Conditionally required when ReturnRateValuationFrequencyUnit(42728) is specified.
ReturnRateValuationFrequencyUnit	[0..1]	CodeSet	Conditionally required when ReturnRateValuationFrequencyPeriod(42727) is specified.

Name	Mult.	Type	Description
<a href="#">ReturnRateValuationFrequencyRoll-Convention</a>	[0..1]	CodeSet	When specified, this overrides the date roll convention defined in the DateAdjustment component in Instrument. The specified values would be specific to this instance of the payment stream return rate valuation dates.
<a href="#">ReturnRateValuationDateBusinessDay-Convention</a>	[0..1]	CodeSet	When specified, this overrides the business day convention defined in the DateAdjustment component in Instrument. The specified value would be specific to payment stream return rate valuation dates.
<a href="#">ReturnRateValuationDateBusinessCenterGrp</a>	[0..*]	Group	When specified, this overrides the business day convention defined in the DateAdjustment component in Instrument. The specified values would be specific to payment stream return rate valuation dates.

Used in groups: [ReturnRateGrp](#)

### 170.2.4579 ReturnRateDateMode

Specifies the valuation type applicable to the return rate date.

Type: [int](#)

Allowed values in ReturnRateDateModeCodeSet:

Code	Name	Description
0	PriceValuation	Price valuation
1	DividendValuation	Dividend valuation

Used in groups: [ReturnRateDateGrp](#)

### 170.2.4580 ReturnRateDeterminationMethod

Specifies the method by which the underlier prices are determined.

See <http://www.fpml.org/coding-scheme/determination-method> for values.

Type: [String](#)

Used in groups: [ReturnRateGrp](#)

**170.2.4581 ReturnRateFinalPriceFallback**

Specifies the fallback provision for the hedging party in the determination of the final price.

Type: **int**

Allowed values in ComplexEventPVFinalPriceElectionFallbackCodeSet:

Code	Name	Description
0	Close	Close. In respect of the "early final valuation date", the provisions for "future present value close" shall apply.
1	HedgeElection	Hedge election. In respect of the "early final valuation date", the provisions for "future present value hedge execution" shall apply.

Used in groups: **ReturnRateGrp**

**170.2.4582 ReturnRateFXConversionGrp**

ReturnRateFXConversionGrp is a repeating subcomponent within the ReturnRateGrp component. It is used to specify the FX conversion rates for an equity return swap payment stream.

Name	Mult.	Type	Description
<b>NoReturnRateFXConversions</b>	[1..1]	NumInGroup	
<b>ReturnRateFXCurrencySymbol</b>	[0..1]	String	Required if NoReturnRateFXConversions(42731) > 0.
<b>ReturnRateFXRate</b>	[0..1]	float	Required if NoReturnRateFXConversions(42731) > 0.
<b>ReturnRateFXRateCalc</b>	[0..1]	CodeSet	

Used in groups: **ReturnRateGrp**

**170.2.4583 ReturnRateFXCurrencySymbol**

Specifies the currency pair for the FX conversion expressed using the CCY1/CCY2 convention. Uses ISO 4217 currency codes.

Type: **String**

Used in groups: **ReturnRateFXConversionGrp**

**170.2.4584 ReturnRateFXRate**

The rate of exchange between the two currencies specified in ReturnRateFXCurrencySymbol(42732).

Type: **float**

Used in groups: **ReturnRateFXConversionGrp**

**170.2.4585 ReturnRateFXRateCalc**

Specifies whether ReturnRateFXRate(42733) should be multiplied or divided.

Type: **char**

Allowed values in SettlCurrFxRateCalcCodeSet:

Code	Name	Description
M	Multiply	Multiply
D	Divide	Divide

Used in groups: **ReturnRateFXConversionGrp**

**170.2.4586 ReturnRateGrp**

ReturnRateGrp is a repeating subcomponent within the PaymentStreamFloatingRate component. It is used to specify the multiple return rates for an equity return swap payment stream.

Name	Mult.	Type	Description
NoReturnRates	[1..1]	NumInGroup	
ReturnRatePriceSequence	[0..1]	CodeSet	Required if NoReturnRates(42735) > 0.
ReturnRateCommissionBasis	[0..1]	CodeSet	
ReturnRateCommissionAmount	[0..1]	Amt	
ReturnRateCommissionCurrency	[0..1]	Currency	If not specified, this is defaulted to the reporting currency.
ReturnRateTotalCommissionPerTrade	[0..1]	Amt	
ReturnRateDeterminationMethod	[0..1]	String	
ReturnRatePriceGrp	[0..*]	Group	
ReturnRateFXConversionGrp	[0..*]	Group	

Name	Mult.	Type	Description
ReturnRateAmountRelativeTo	[0..1]	int	
ReturnRateQuoteMeasureType	[0..1]	String	
ReturnRateQuoteUnits	[0..1]	String	
ReturnRateQuoteMethod	[0..1]	CodeSet	
ReturnRateQuoteCurrency	[0..1]	Currency	
ReturnRateQuoteCurrencyType	[0..1]	String	
ReturnRateQuoteTimeType	[0..1]	CodeSet	Mutually exclusive with ReturnRateQuoteTime(42749).
ReturnRateQuoteTime	[0..1]	LocalMktTime	Mutually exclusive with ReturnRateQuoteTimeType(42748).
ReturnRateQuoteDate	[0..1]	LocalMktDate	
ReturnRateQuoteExpirationTime	[0..1]	LocalMktTime	
ReturnRateQuoteBusinessCenter	[0..1]	String	
ReturnRateQuoteExchange	[0..1]	Exchange	
ReturnRateInformationSourceGrp	[0..*]	Group	
ReturnRateQuotePricingModel	[0..1]	String	
ReturnRateCashFlowType	[0..1]	String	
ReturnRateDateGrp	[0..*]	Group	
ReturnRateValuationTimeType	[0..1]	CodeSet	Mutually exclusive with ReturnRateValuationTime(42757).
ReturnRateValuationTime	[0..1]	LocalMktTime	Mutually exclusive with ReturnRateValuationTimeType(42756).
ReturnRateValuationTimeBusiness-Center	[0..1]	String	
ReturnRateValuationPriceOption	[0..1]	CodeSet	
ReturnRateFinalPriceFallback	[0..1]	CodeSet	

Used in components: [PaymentStreamFloatingRate](#)

### 170.2.4587 ReturnRateInformationSource

Identifies the source of rate information. For FX the references source to be used for the FX spot rate.

Type: **int**

Allowed values in RateSourceCodeSet:

Code	Name	Description
0	Bloomberg	Bloomberg
1	Reuters	Reuters
2	Telerate	Telerate
3	ISDARateOption	ISDA Settlement Rate Option. The source of the currency conversion as specified by the ISDA terms in Annex A to the 1998 FX and Currency Option Definitions. See <a href="http://www.fpml.org/coding-scheme/settlement-rate-option">http://www.fpml.org/coding-scheme/settlement-rate-option</a>
99	Other	Other

Used in groups: [ReturnRateInformationSourceGrp](#)

### 170.2.4588 ReturnRateInformationSourceGrp

ReturnRateInformationSourceGrp is a repeating subcomponent within the ReturnRateGrp component. It is used to specify the information sources for equity prices and FX rates for an equity return swap payment stream.

Name	Mult.	Type	Description
<a href="#">NoReturnRateInformationSources</a>	[1..1]	NumInGroup	
<a href="#">ReturnRateInformationSource</a>	[0..1]	CodeSet	Required if <a href="#">NoReturnRateInformationSources(42761)</a> > 0.
<a href="#">ReturnRateReferencePage</a>	[0..1]	String	
<a href="#">ReturnRateReferencePageHeading</a>	[0..1]	String	

Used in groups: [ReturnRateGrp](#)

### 170.2.4589 ReturnRateNotionalReset

Indicates whether the term "Equity Notional Reset" as defined in the ISDA 2002 Equity Derivatives Definitions is applicable ("Y") or not.

Type: [Boolean](#)

Used in components: [PaymentStreamFloatingRate](#)

**170.2.4590 ReturnRatePrice**

Specifies the price of the underlying swap asset.

Type: **Price**

Used in groups: **ReturnRatePriceGrp**

**170.2.4591 ReturnRatePriceBasis**

The basis of the return price.

Type: **int**

Allowed values in ReturnRatePriceBasisCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	Gross	Gross.
1	Net	Net
2	Accrued	Accrued
3	CleanNet	Clean net

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Used in groups: **ReturnRatePriceGrp**

**170.2.4592 ReturnRatePriceCurrency**

Specifies the currency of the price of the underlying swap asset. Uses ISO 4217 currency codes.

Type: **Currency**

Used in groups: **ReturnRatePriceGrp**

**170.2.4593 ReturnRatePriceGrp**

ReturnRatePriceGrp is a repeating subcomponent within the ReturnRateGrp component. It is used to specify the return rate prices for an equity return swap payment stream.

---

<b>Name</b>	<b>Mult.</b>	<b>Type</b>	<b>Description</b>
<b>NoReturnRatePrices</b>	[1..1]	NumInGroup	

---



---

Name	Mult.	Type	Description
ReturnRatePriceBasis	[0..1]	CodeSet	Required if NoReturnRatePrices(42765) > 0.
ReturnRatePrice	[0..1]	Price	
ReturnRatePriceCurrency	[0..1]	Currency	
ReturnRatePriceType	[0..1]	CodeSet	

---

Used in groups: [ReturnRateGrp](#)

### 170.2.4594 ReturnRatePriceSequence

Specifies the type of price sequence of the return rate.

Type: [int](#)

Allowed values in ReturnRatePriceSequenceCodeSet:

---

Code	Name	Description
0	Initial	Initial
1	Interim	Interim
2	Final	Final

---

Used in groups: [ReturnRateGrp](#)

### 170.2.4595 ReturnRatePriceType

Specifies whether the ReturnRatePrice(42767) is expressed in absolute or relative terms.

Type: [int](#)

Allowed values in ReturnRatePriceTypeCodeSet:

---

Code	Name	Description
0	AbsoluteTerms	Absolute terms
1	PercentageOfNotional	Percentage of notional

---

Used in groups: [ReturnRatePriceGrp](#)

#### **170.2.4596 ReturnRateQuoteBusinessCenter**

The business center calendar used for adjustments associated with ReturnRateQuoteTimeType(42748) or ReturnRateQuoteTime(42749) and ReturnRateQuoteDate(42750), e.g. "GBLO".

See <http://www.fpml.org/coding-scheme/business-center> for standard 4-character code values.

Type: **String**

Used in groups: **ReturnRateGrp**

#### **170.2.4597 ReturnRateQuoteCurrency**

Specifies the currency the return rate quote is denominated in. Uses ISO 4217 Currency Code.

Type: **Currency**

Used in groups: **ReturnRateGrp**

#### **170.2.4598 ReturnRateQuoteCurrencyType**

Specifies the type of currency, e.g. settlement currency, base currency, etc., that the quote is reported in.

See <http://www.fpml.org/coding-scheme/reporting-currency-type> for values.

Type: **String**

Used in groups: **ReturnRateGrp**

#### **170.2.4599 ReturnRateQuoteDate**

The date when the quote is to be generated.

Type: **LocalMktDate**

Used in groups: **ReturnRateGrp**

#### **170.2.4600 ReturnRateQuoteExchange**

Specifies the exchange (e.g. stock or listed futures/options exchange) from which the quote is obtained.

Type: **Exchange**

Used in groups: **ReturnRateGrp**

**170.2.4601 ReturnRateQuoteExpirationTime**

The time when the quote ceases to be valid.

Type: [LocalMktTime](#)

Used in groups: [ReturnRateGrp](#)

**170.2.4602 ReturnRateQuoteMeasureType**

Specifies the type of the measure applied to the return rate's asset, e.g. valuation, sensitivity risk. This could be an NPV, a cash flow, a clean price, etc.

See <http://www.fpml.org/coding-scheme/asset-measure> for values.

Type: [String](#)

Used in groups: [ReturnRateGrp](#)

**170.2.4603 ReturnRateQuoteMethod**

Specifies the type of quote used to determine the return rate of the swap.

Type: [int](#)

Allowed values in CashSettlQuoteMethodCodeSet:

---

Code	Name	Description
0	Bid	Bid
1	Mid	Mid
2	Offer	Offer

---

Used in groups: [ReturnRateGrp](#)

**170.2.4604 ReturnRateQuotePricingModel**

Specifies the pricing model used to evaluate the underlying asset price.

See <http://www.fpml.org/coding-scheme/pricing-model> for values.

Type: [String](#)

Used in groups: [ReturnRateGrp](#)

**170.2.4605 ReturnRateQuoteTime**

The time when the quote is to be generated.

Type: **LocalMktTime**

Used in groups: **ReturnRateGrp**

**170.2.4606 ReturnRateQuoteTimeType**

Specifies how or the timing when the quote is to be obtained.

Type: **int**

Allowed values in ReturnRateQuoteTimeTypeCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	Open	Open. The official opening time of the exchange on valuation date.
1	OfficialSettlPx	Official settlement price time. The time at which the official settlement price is determined.
2	Xetra	XETRA. The time at which the official settlement price (following the auction by the exchange) is determined by the exchange.
3	Close	Close. The official closing time of the exchange on valuation date.
4	DerivativesClose	Derivatives close. The official closing time for derivative trading of the exchange on valuation date.
5	High	High. The high price for the day.
6	Low	Low. The low price for the day.
7	AsSpecifiedInMasterConfirmation	As specified in the master confirmation

---

Used in groups: **ReturnRateGrp**

**170.2.4607 ReturnRateQuoteUnits**

Specifies the units that the measure is expressed in. If not specified, the default is a price/value in currency units.

See <http://www.fpml.org/coding-scheme/price-quote-units> for values.

Type: **String**

Used in groups: **ReturnRateGrp**

#### **170.2.4608 ReturnRateReferencePage**

Identifies the reference "page" from the rate source.

For FX, the reference page to the spot rate to be used for the reference FX spot rate.

When ReturnRateInformationSource(42762) = 3 (ISDA Settlement Rate Option) this contains the value from the scheme that reflects the terms of the Annex A to the ISDA 1998 FX and Currency Option Definitions.

See: <http://www.fpml.org/coding-scheme/settlement-rate-option>

Type: **String**

Used in groups: **ReturnRateInformationSourceGrp**

#### **170.2.4609 ReturnRateReferencePageHeading**

Identifies the page heading from the rate source.

Type: **String**

Used in groups: **ReturnRateInformationSourceGrp**

#### **170.2.4610 ReturnRateTotalCommissionPerTrade**

The total commission per trade.

Type: **Amt**

Used in groups: **ReturnRateGrp**

#### **170.2.4611 ReturnRateValuationDate**

The return rate valuation date. Type of date is specified in ReturnRateValuationDateType(42774).

Type: **LocalMktDate**

Used in groups: **ReturnRateValuationDateGrp**

#### **170.2.4612 ReturnRateValuationDateBusinessCenter**

The business center calendar used for date adjustment of the return rate valuation unadjusted or relative dates, e.g. "GBLO".

See <http://www.fpml.org/coding-scheme/business-center> for standard 4-character code values.

Type: **String**

Used in groups: **ReturnRateValuationDateBusinessCenterGrp**

### 170.2.4613 ReturnRateValuationDateBusinessCenterGrp

ReturnRateValuationDateBusinessCenterGrp is a repeating subcomponent within the ReturnRateValuationDateGrp component. It is used to specify the valuation date business center adjustments for an equity return swap payment stream.

Name	Mult.	Type	Description
NoReturnRateValuationDateBusinessCenters	[1..1]	NumInGroup	
ReturnRateValuationDateBusinessCenter	[0..1]	String	Required if NoReturnRateValuationDateBusinessCenters(42770) > 0.

Used in groups: **ReturnRateDateGrp**

### 170.2.4614 ReturnRateValuationDateBusinessDayConvention

The return rate valuation dates business day convention.

Type: **int**

Allowed values in BusinessDayConventionCodeSet:

Code	Name	Description
0	NotApplicable	Not applicable. Business day convention is not applicable.
1	None	None (current day)
2	FollowingDay	Following day. The following business day.
3	FloatingRateNote	Floating rate note. The FRN business day convention.
4	ModifiedFollowingDay	Modified following day. The modified following business day.
5	PrecedingDay	Preceding day. The preceding business day.
6	ModifiedPrecedingDay	Modified preceding day. The modified preceding business day.
7	NearestDay	Nearest day. The nearest applicable business day.

Used in groups: **ReturnRateDateGrp**

**170.2.4615 ReturnRateValuationDateGrp**

ReturnRateValuationDateGrp is a repeating subcomponent within the ReturnRateDateGrp component. It is used to specify the fixed valuation dates for an equity return swap payment stream.

Name	Mult.	Type	Description
NoReturnRateValuationDates	[1..1]	NumInGroup	
ReturnRateValuationDate	[0..1]	LocalMktDate	Required if NoReturnRateValuationDates(42772) > 0.
ReturnRateValuationDateType	[0..1]	CodeSet	When specified it applies not only to the current date instance but to all subsequent date instances in the group until overridden when a new type is specified.

Used in groups: [ReturnRateDateGrp](#)

**170.2.4616 ReturnRateValuationDateOffsetDayType**

Specifies the day type of the relative return rate valuation date offset.

Type: [int](#)

Allowed values in PaymentStreamPaymentDateOffsetDayTypeCodeSet:

Code	Name	Description
0	Business	Business
1	Calendar	Calendar
2	CommodityBusiness	Commodity business
3	CurrencyBusiness	Currency business
4	ExchangeBusiness	Exchange business
5	ScheduledTradingDay	Scheduled trading day

Used in groups: [ReturnRateDateGrp](#)

**170.2.4617 ReturnRateValuationDateOffsetPeriod**

Time unit multiplier for the relative return rate valuation date offset.

Type: **int**

Used in groups: **ReturnRateDateGrp**

#### **170.2.4618 ReturnRateValuationDateOffsetUnit**

Time unit associated with the relative return rate valuation date offset.

Type: **String**

Allowed values in PaymentStreamPaymentDateOffsetUnitCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
D	Day	Day
Wk	Week	Week
Mo	Month	Month
Yr	Year	Year

---

Used in groups: **ReturnRateDateGrp**

#### **170.2.4619 ReturnRateValuationDateRelativeTo**

Specifies the anchor date when the return rate valuation dates are relative to an anchor date.

See [http://www.fixtradingcommunity.org/codelists#Relative\\_To\\_Date](http://www.fixtradingcommunity.org/codelists#Relative_To_Date) for values.

Type: **int**

Used in groups: **ReturnRateDateGrp**

#### **170.2.4620 ReturnRateValuationDateType**

Specifies the type of return rate valuation date (e.g. adjusted for holidays).

Type: **int**

Allowed values in NonDeliverableFixingDateTypeCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	Unadjusted	Unadjusted

---



Code	Name	Description
1	Adjusted	Adjusted

Used in groups: [ReturnRateValuationDateGrp](#)

#### **170.2.4621 ReturnRateValuationEndDateAdjusted**

The adjusted end date for return rate valuation. This can be used to restrict the range of dates when they are relative.

Type: [LocalMktDate](#)

Used in groups: [ReturnRateDateGrp](#)

#### **170.2.4622 ReturnRateValuationEndDateOffsetDayType**

Specifies the day type of the relative return rate valuation end date offset.

Type: [int](#)

Allowed values in [PaymentStreamPaymentDateOffsetDayTypeCodeSet](#):

Code	Name	Description
0	Business	Business
1	Calendar	Calendar
2	CommodityBusiness	Commodity business
3	CurrencyBusiness	Currency business
4	ExchangeBusiness	Exchange business
5	ScheduledTradingDay	Scheduled trading day

Used in groups: [ReturnRateDateGrp](#)

#### **170.2.4623 ReturnRateValuationEndDateOffsetPeriod**

Time unit multiplier for the relative return rate valuation end date offset.

Type: [int](#)

Used in groups: [ReturnRateDateGrp](#)

**170.2.4624 ReturnRateValuationEndDateOffsetUnit**

Time unit associated with the relative return rate valuation end date offset.

Type: **String**

Allowed values in PaymentStreamPaymentDateOffsetUnitCodeSet:

---

Code	Name	Description
D	Day	Day
Wk	Week	Week
Mo	Month	Month
Yr	Year	Year

---

Used in groups: **ReturnRateDateGrp**

**170.2.4625 ReturnRateValuationEndDateRelativeTo**

Specifies the anchor date when the return rate valuation end date is relative to an anchor date.

See [http://www.fixtradingcommunity.org/codelists#Relative\\_To\\_Date](http://www.fixtradingcommunity.org/codelists#Relative_To_Date) for values.

Type: **int**

Used in groups: **ReturnRateDateGrp**

**170.2.4626 ReturnRateValuationEndDateUnadjusted**

The unadjusted end date for return rate valuation. This can be used to restrict the range of dates when they are relative.

Type: **LocalMktDate**

Used in groups: **ReturnRateDateGrp**

**170.2.4627 ReturnRateValuationFrequencyPeriod**

Time unit multiplier for the frequency at which return rate valuation dates occur.

Type: **int**

Used in groups: **ReturnRateDateGrp**

**170.2.4628 ReturnRateValuationFrequencyRollConvention**

The convention for determining the sequence of return rate valuation dates. It is used in conjunction with a specified frequency.

Type: **String**

Allowed values in DateRollConventionCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
1	FirstDay	1st day of the month
2	SecondDay	2nd day of the month
3	ThirdDay	3rd day of the month
4	FourthDay	4th day of the month
5	FifthDay	5th day of the month
6	SixthDay	6th day of the month
7	SeventhDay	7th day of the month
8	EighthDay	8th day of the month
9	NinthDay	9th day of the month
10	TenthDay	10th day of the month
11	EleventhDay	11th day of the month
12	TwelvthDay	12th day of the month
13	ThirteenthDay	13th day of the month
14	ForteenthDay	14th day of the month
15	FifteenthDay	15th day of the month
16	SixteenthDay	16th day of the month
17	SeventeenthDay	17th day of the month
18	EighteenthDay	18th day of the month
19	NineteenthDay	19th day of the month
20	TwentiethDay	20th day of the month
21	TwentyFirstDay	21st day of the month
22	TwentySecondDay	22nd day of the month
23	TwentyThirdDay	23rd day of the month
24	TwentyFourthDay	24th day of the month
25	TwentyFifthDay	25th day of the month
26	TwentySixthDay	26th day of the month
27	TwentySeventhDay	27th day of the month
28	TwentyEighthDay	28th day of the month

---

Code	Name	Description
29	TwentyNinthDay	29th day of the month
30	ThirtiethDay	30th day of the month
EOM	EOM	The end of the month. Use EOM for 31st day of the month.
FRN	FRN	The floating rate note convention or Eurodollar convention.
IMM	IMM	The International Money Market settlement date, i.e. the 3rd Wednesday of the month.
IMMCAD	IMMCAD	The last trading day/expiration day of the Canadian Derivatives Exchange.
IMMAUD	IMMAUD	The last trading day of the Sydney Futures Exchange Australian 90-day bank accepted bill futures contract.
IMMNZD	IMMNZD	The last trading day of the Sydney Futures Exchange New Zealand 90-day bank bill futures contract.
SFE	SFE	The Sydney Futures Exchange 90-day bank accepted bill futures settlement dates.
NONE	NONE	No adjustment
TBILL	TBILL	The 13-week and 26-week U.S. Treasury Bill auction dates.
MON	MON	Monday
TUE	TUE	Tuesday
WED	WED	Wednesday
THU	THU	Thursday
FRI	FRI	Friday
SAT	SAT	Saturday
SUN	SUN	Sunday

Used in groups: [ReturnRateDateGrp](#)

### 170.2.4629 ReturnRateValuationFrequencyUnit

Time unit associated with the frequency at which return rate valuation dates occur.

Type: [String](#)

Allowed values in CouponFrequencyUnitCodeSet:

Code	Name	Description
D	Day	Day

---

Code	Name	Description
Wk	Week	Week
Mo	Month	Month
Yr	Year	Year
H	Hour	Hour
Min	Minute	Minute
S	Second	Second
T	Term	Term

---

Used in groups: [ReturnRateDateGrp](#)

### **170.2.4630 ReturnRateValuationPriceOption**

Indicates whether an ISDA price option applies, and if applicable which type of price.

Type: [int](#)

Allowed values in ReturnRateValuationPriceOptionCodeSet:

---

Code	Name	Description
0	None	None (the default)
1	FuturesPrice	Futures price. The official settlement price as announced by the related futures exchange is applicable.
2	OptionsPrice	Options price. The official settlement price as announced by the related options exchange is applicable.

---

Used in groups: [ReturnRateGrp](#)

### **170.2.4631 ReturnRateValuationStartDateAdjusted**

The adjusted start date for return rate valuation. This can be used to restrict the range of dates when they are relative.

Type: [LocalMktDate](#)

Used in groups: [ReturnRateDateGrp](#)

**170.2.4632 ReturnRateValuationStartDateOffsetDayType**

Specifies the day type of the relative return rate valuation start date offset.

Type: **int**

Allowed values in PaymentStreamPaymentDateOffsetDayTypeCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	Business	Business
1	Calendar	Calendar
2	CommodityBusiness	Commodity business
3	CurrencyBusiness	Currency business
4	ExchangeBusiness	Exchange business
5	ScheduledTradingDay	Scheduled trading day

---

Used in groups: **ReturnRateDateGrp**

**170.2.4633 ReturnRateValuationStartDateOffsetPeriod**

Time unit multiplier for the relative return rate valuation start date offset.

Type: **int**

Used in groups: **ReturnRateDateGrp**

**170.2.4634 ReturnRateValuationStartDateOffsetUnit**

Time unit associated with the relative return rate valuation start date offset.

Type: **String**

Allowed values in PaymentStreamPaymentDateOffsetUnitCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
D	Day	Day
Wk	Week	Week
Mo	Month	Month
Yr	Year	Year

---

Used in groups: **ReturnRateDateGrp**

**170.2.4635 ReturnRateValuationStartDateRelativeTo**

Specifies the anchor date when the return rate valuation start date is relative to an anchor date.

See [http://www.fixtradingcommunity.org/codelists#Relative\\_To\\_Date](http://www.fixtradingcommunity.org/codelists#Relative_To_Date) for values.

Type: **int**

Used in groups: **ReturnRateDateGrp**

**170.2.4636 ReturnRateValuationStartDateUnadjusted**

The unadjusted start date for return rate valuation. This can be used to restrict the range of dates when they are relative.

Type: **LocalMktDate**

Used in groups: **ReturnRateDateGrp**

**170.2.4637 ReturnRateValuationTime**

The time at which the calculation agent values the underlying asset.

Type: **LocalMktTime**

Used in groups: **ReturnRateGrp**

**170.2.4638 ReturnRateValuationTimeBusinessCenter**

The business center calendar used for adjustments associated with **ReturnRateValuationTimeType(42756)** or **ReturnRateValuationTime(42757)**, e.g. "GBLO".

See <http://www.fpml.org/coding-scheme/business-center> for standard 4-character code values.

Type: **String**

Used in groups: **ReturnRateGrp**

**170.2.4639 ReturnRateValuationTimeType**

Specifies the timing at which the calculation agent values the underlying.

Type: **int**

Allowed values in **ReturnRateQuoteTimeTypeCodeSet**:

Code	Name	Description
0	Open	Open. The official opening time of the exchange on valuation date.
1	OfficialSettlPx	Official settlement price time. The time at which the official settlement price is determined.
2	Xetra	XETRA. The time at which the official settlement price (following the auction by the exchange) is determined by the exchange.
3	Close	Close. The official closing time of the exchange on valuation date.
4	DerivativesClose	Derivatives close. The official closing time for derivative trading of the exchange on valuation date.
5	High	High. The high price for the day.
6	Low	Low. The low price for the day.
7	AsSpecifiedInMasterConfirmation	As specified in the master confirmation

Used in groups: [ReturnRateGrp](#)

### 170.2.4640 ReturnTrigger

Indicates the type of return or payout trigger for the swap or forward.

Type: [int](#)

Allowed values in ReturnTriggerCodeSet:

Code	Name	Description
1	Dividend	Dividend
2	Variance	Variance
3	Volatility	Volatility
4	TotalReturn	Total return
5	ContractForDifference	Contract for difference
6	CreditDefault	Credit default
7	SpreadBet	Spread bet
8	Price	Price
9	ForwardPriceUnderlyingInstrument	Forward price of underlying instrument
99	Other	Other

Used in components: [Instrument](#)



**170.2.4641 ReversalIndicator**

Indicates a trade that reverses a previous trade.

Type: **Boolean**

Used in messages: **AllocationInstruction, AllocationInstructionAlert, AllocationReport**

**170.2.4642 RFQReqGrp**

---

<b>Name</b>	<b>Mult.</b>	<b>Type</b>	<b>Description</b>
<b>NoRelatedSym</b>	[1..1]	NumInGroup	Number of related symbols (instruments) in Request
<b>Instrument</b>	[1..1]	Component	Insert here the set of "Instrument" (symbology) fields defined in "Common Components of Application Messages"
<b>UndInstrmtGrp</b>	[0..*]	Group	
<b>InstrmtLegGrp</b>	[0..*]	Group	
<b>PrevClosePx</b>	[0..1]	Price	Useful for verifying security identification
<b>QuoteRequestType</b>	[0..1]	CodeSet	Indicates the type of Quote Request (e.g. Manual vs. Automatic) being generated.
<b>QuoteType</b>	[0..1]	CodeSet	Type of quote being requested from counterparty or market (e.g. Indicative, Firm, or Restricted Tradeable)
<b>TradingSessionID</b>	[0..1]	CodeSet	
<b>TradingSessionSubID</b>	[0..1]	CodeSet	

---

Used in messages: **RFQRequest**

**170.2.4643 RFQReqID**

RFQ Request ID - used to identify an RFQ Request.

Type: **String**

Used in messages: **QuoteRequest, QuoteRequestReject, RFQRequest**

**170.2.4644 RgstDistInstGrp**

Name	Mult.	Type	Description
NoDistribInsts	[1..1]	NumInGroup	Number of Distribution instructions in this message (number of repeating groups to follow)
DistribPaymentMethod	[0..1]	CodeSet	Must be first field in the repeating group if NoDistribInsts > 0.
DistribPercentage	[0..1]	Percentage	
CashDistribCurr	[0..1]	Currency	
CashDistribAgentName	[0..1]	String	
CashDistribAgentCode	[0..1]	String	
CashDistribAgentAcctNumber	[0..1]	String	
CashDistribPayRef	[0..1]	String	
CashDistribAgentAcctName	[0..1]	String	

Used in messages: [RegistrationInstructions](#)

**170.2.4645 RgstDtlsGrp**

Name	Mult.	Type	Description
NoRegistDtls	[1..1]	NumInGroup	Number of registration details in this message (number of repeating groups to follow)
RegistDtls	[0..1]	String	Must be first field in the repeating group
RegistEmail	[0..1]	String	
MailingDtls	[0..1]	String	
MailingInst	[0..1]	String	
NestedParties	[0..*]	Group	Insert here the set of "Nested Parties" (firm identification "nested" within additional repeating group) fields defined in "Common Components of Application Messages". Used for NestedPartyRole=InvestorID
OwnerType	[0..1]	CodeSet	
DateOfBirth	[0..1]	LocalMktDate	
InvestorCountryOfResidence	[0..1]	Country	

Used in messages: [RegistrationInstructions](#)

**170.2.4646 RiskFreeRate**

Interest rate. Usually some form of short term rate.

Type: **float**

Used in groups: **ClearingPriceParametersGrp**

Used in messages: **ExecutionReport, MultilegOrderCancelReplace, NewOrderMultileg, TradeCaptureReport**

**170.2.4647 RiskInstrumentMultiplier**

Multiplier applied to the transaction amount for comparison with risk limits. Default if not specified is 1.0.

Type: **float**

Used in groups: **RiskInstrumentScopeGrp**

**170.2.4648 RiskInstrumentScopeGrp**

Repeating group of InstrumentScope Components. Used to specify the instruments to which a request applies.

---

<b>Name</b>	<b>Mult.</b>	<b>Type</b>	<b>Description</b>
<b>NoRiskInstrumentScopes</b>	[1..1]	NumInGroup	
<b>InstrumentScopeOperator</b>	[0..1]	CodeSet	Required when NoRiskInstrumentScopes > 0.
<b>InstrumentScope</b>	[0..1]	Component	
<b>RiskInstrumentMultiplier</b>	[0..1]	float	

---

Used in groups: **RiskLimitsGrp**

Used in messages: **PartyRiskLimitsRequest**

**170.2.4649 RiskLimitAction**

Identifies the action to take or risk model to assume should risk limit be exceeded or breached for the specified party.

Type: **int**

Allowed values in RiskLimitActionCodeSet:

Code	Name	Description
0	QueueInbound	Queue inbound
1	QueueOutbound	Queue outbound
2	Reject	Reject
3	Disconnect	Disconnect
4	Warning	Warning
5	PingCreditCheckWithRevalidation	Ping credit check model with revalidation. Each subsequent order, quote request or quote submission by the Credit. User must obtain pre-approval. Any open orders, quote requests or quotes are to be cancelled.
6	PingCreditCheckNoRevalidation	Ping credit check model without revalidation. Each subsequent order, quote request or quote submission by the Credit. User must obtain pre-approval. Any open orders, quote requests or quotes will remain active.
7	PushCreditCheckWithRevalidation	Push credit check model with revalidation. Each subsequent order, quote request or quote submission by the Credit. User must be checked against the limit amounts pushed to the trading platform. Any open orders, quote requests or quotes are. to be cancelled.
8	PushCreditCheckNoRevalidation	Push credit check model without revalidation. Each subsequent order, quote request or quote submission by the Credit. User must be checked against the limit amounts pushed to the trading platform. Any open orders, quote requests or quotes will. remain active.
9	Suspend	Suspend. Suspend the Credit User from trading once limit(s) is breached. This is. considered a "soft" stop.
10	HaltTrading	Halt trading. Halt or stop the Credit User from trading once limit(s) is breached. This is considered a "hard" stop and may require more involved actions to reinstate the Credit User's ability. to trade.

---

Used in groups: [RiskLimitTypesGrp](#)

### 170.2.4650 RiskLimitAmount

Specifies the risk limit amount.

Type: [Amt](#)

Used in groups: [RiskLimitTypesGrp](#)

**170.2.4651 RiskLimitApprovedAmount**

The credit/risk limit amount approved.

Type: **Amt**

Used in messages: **PartyRiskLimitCheckRequestAck**

**170.2.4652 RiskLimitCheckAmount**

Specifies the amount being requested for approval.

Type: **Amt**

Used in messages: **PartyRiskLimitCheckRequest, PartyRiskLimitCheckRequestAck**

**170.2.4653 RiskLimitCheckID**

The unique and static identifier, at the business entity level, of a risk limit check request.

Type: **String**

Used in messages: **PartyRiskLimitCheckRequest, PartyRiskLimitCheckRequestAck**

**170.2.4654 RiskLimitCheckModelType**

Specifies the type of credit limit check model workflow to apply for the specified party

Type: **int**

Allowed values in RiskLimitCheckModelTypeCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	None	None (default if not specified). No specified limit check model is defined. Limit checks for the party will be based on parameters defined.
1	PlusOneModel	PlusOne model. A pre-trade credit limit check model which allows trades to occur until it is determined by the clearinghouse or other designated limit checker that the party's limit(s) was breached by the most recent trade executed.

Code	Name	Description
2	PingModel	Ping model. A pre-trade credit limit check model which requires the execution venue to obtain limit approval from the Credit Provider for every transaction about to be conducted by the Credit User.
3	PushModel	Push model. A pre-trade credit limit check model in which the Credit Provider "pushes" to the execution venue the credit limit information allocated to each of the Credit Provider's counterparty or customer.

Used in groups: [PartyRiskLimitsAckGrp](#), [PartyRiskLimitsGrp](#), [PartyRiskLimitsUpdateGrp](#)

#### **170.2.4655 RiskLimitCheckRequestID**

The unique identifier of the PartyRiskLimitCheckRequest(35=DF) message.

Type: [String](#)

Used in messages: [PartyRiskLimitCheckRequest](#), [PartyRiskLimitCheckRequestAck](#)

#### **170.2.4656 RiskLimitCheckRequestRefID**

Specifies the message reference identifier of the risk limit check request message.

Type: [int](#)

Used in messages: [PartyRiskLimitCheckRequest](#), [PartyRiskLimitCheckRequestAck](#)

#### **170.2.4657 RiskLimitCheckRequestResult**

Result of the credit limit check request.

Type: [int](#)

Allowed values in RiskLimitCheckRequestResultCodeSet:

Code	Name	Description
0	Successful	Successful (default)
1	InvalidParty	Invalid party
2	ReqExceedsCreditLimit	Requested amount exceeds credit limit

---

Code	Name	Description
3	ReqExceedsClipSizeLimit	Requested amount exceeds clip size limit
4	ReqExceedsMaxNotional	Request exceeds maximum notional order amount
99	Other	Other

---

Used in messages: [PartyRiskLimitCheckRequestAck](#)

### 170.2.4658 RiskLimitCheckRequestStatus

Indicates the status of the risk limit check request.

Type: [int](#)

Allowed values in RiskLimitCheckRequestStatusCodeSet:

---

Code	Name	Description
0	Approved	Approved. Request has been accepted and processed. The credit amount requested has been reserved for the transaction.
1	PartiallyApproved	Partially approved. Only a partial amount of the credit amount requested has been approved and has been reserved for the transaction.
2	Rejected	Rejected
3	ApprovalPending	Approval pending
4	Cancelled	Cancelled

---

Used in messages: [PartyRiskLimitCheckRequestAck](#)

### 170.2.4659 RiskLimitCheckRequestType

Specifies the type of limit amount check being requested.

Type: [int](#)

Allowed values in RiskLimitCheckRequestTypeCodeSet:

Code	Name	Description
0	AllOrNone	All or none (default if not specified). The limit check request is for the full amount requested or none at all. Request can only be responded to with a full approval of the amount requested or a rejection of the request.
1	Partial	Partial. The requester will accept a partial approval of the requested credit limit amount.

Used in messages: [PartyRiskLimitCheckRequest](#)

### 170.2.4660 RiskLimitCheckStatus

Indicates the status of the risk limit check performed on a trade.

Type: [int](#)

Allowed values in RiskLimitCheckStatusCodeSet:

Code	Name	Description
0	Accepted	Accepted. For use when none of the more specific status enumerations apply.
1	Rejected	Rejected. For use when none of the more specific status enumerations apply.
2	ClaimRequired	Claim required. Indicates that the clearing firm is required to accept or decline the trade.
3	PreDefinedLimitCheckSucceeded	Pre-defined limit check succeeded. Indicates a check enforced automatically by the clearing house.
4	PreDefinedLimitCheckFailed	Pre-defined limit check failed. Indicates a check enforced automatically by the clearing house.
5	PreDefinedAutoAcceptRuleInvoked	Pre-defined auto-accept rule invoked. Indicates that the clearing firm is required to accept or decline the trade because no limit or rule applies.
6	PreDefinedAutoRejectRuleInvoked	Pre-defined auto-reject rule invoked. Indicates a check enforced automatically by the clearing house. Note that clearing house rules of engagement may still require a clearing firm accept or reject the trade.
7	AcceptedByClearingFirm	Accepted by clearing firm. Indicates that explicit action by the clearing firm, and not an automatic check by the clearing house, was the basis for accepting the trade.



Code	Name	Description
8	RejectedByClearingFirm	Rejected by clearing firm. Indicates that explicit action by the clearing firm, and not an automatic check by the clearing house, was the basis for rejecting the trade.
9	Pending	Pending. Indicates that one or more side level risk checks are in progress.
10	AcceptedByCreditHub	Accepted by credit hub. Indicates that a credit hub accepted the trade. An identifier assigned by the credit hub may appear in the appropriate RefRiskLimitCheckID(2334) field.
11	RejectedByCreditHub	Rejected by credit hub. Indicates that a credit hub rejected the trade.
12	PendingCreditHubCheck	Pending credit hub check. Indicates that a check is pending at a credit hub.
13	AcceptedByExecVenue	Accepted by execution venue. Indicates acceptance by an execution venue, such as a SEF.
14	RejectedByExecVenue	Rejected by execution venue. Indicates that the trade was rejected by an execution venue, such as a SEF.

Used in messages: [AllocationInstruction](#), [AllocationReport](#), [TradeCaptureReport](#), [TradeCaptureReportAck](#)

### 170.2.4661 RiskLimitCheckTransType

Specifies the transaction type of the risk limit check request.

Type: [int](#)

Allowed values in RiskLimitCheckTransTypeCodeSet:

Code	Name	Description
0	New	New
1	Cancel	Cancel
2	Replace	Replace

Used in messages: [PartyRiskLimitCheckRequest](#), [PartyRiskLimitCheckRequestAck](#)

### 170.2.4662 RiskLimitCheckType

Specifies the type of limit check message.

Type: **int**

Allowed values in RiskLimitCheckTypeCodeSet:

---

Code	Name	Description
0	Submit	Submit. Indicates a submission for a limit check. The RiskLimitCheckTransType(2320) indicates whether the submission is a new request, a cancel or replace/amend of a prior submission.
1	LimitConsumed	Limit consumed. Indicates that the limit reserved by a prior request has been used or consumed by a transaction that occurred.

---

Used in messages: **PartyRiskLimitCheckRequest**, **PartyRiskLimitCheckRequestAck**

### 170.2.4663 RiskLimitCurrency

Used to specify the currency of the risk limit amount.

Type: **Currency**

Used in groups: **RiskLimitTypesGrp**

### 170.2.4664 RiskLimitCurrencyCodeSource

Identifies class or source of the RiskLimitCurrency(1532) value.

Type: **String**

Allowed values in CurrencyCodeSourceCodeSet:

---

Code	Name	Description
1	CUSIP	CUSIP
2	SEDOL	SEDOL
4	ISINNumber	ISIN
6	ISOCurrencyCode	ISO Currency Code (ISO 4217)
S	FinancialInstrumentGlobalIdentifier	Financial Instrument Global Identifier. An Object Management Group (OMG) standard. Also referred to as FIGI. Formerly known as "Bloomberg Open Symbology BBGID".
Y	DigitalTokenIdentifier	Digital Token Identifier (ISO 24165)

---

Used in groups: [RiskLimitTypesGrp](#)

### **170.2.4665 RiskLimitID**

Unique reference identifier for a specific risk limit defined for the specified party.

Type: [String](#)

Used in groups: [PartyRiskLimitsAckGrp](#), [PartyRiskLimitsGrp](#), [PartyRiskLimitsUpdateGrp](#)

Used in messages: [PartyRiskLimitCheckRequest](#), [PartyRiskLimitCheckRequestAck](#)

### **170.2.4666 RiskLimitPlatform**

The area to which risk limit is applicable. This can be a trading platform or an offering.

Type: [String](#)

Used in groups: [RiskLimitTypesGrp](#)

Used in messages: [PartyRiskLimitsRequest](#)

### **170.2.4667 RiskLimitReportID**

Identifier for the PartyRiskLimitsReport

Type: [String](#)

Used in messages: [PartyRiskLimitsReport](#), [PartyRiskLimitsReportAck](#), [PartyRiskLimitsUpdateReport](#)

### **170.2.4668 RiskLimitReportRejectReason**

The reason for rejecting the PartyRiskLimitsReport(35=CM) or PartyRiskLimitsUpdateReport(35=CR).

Type: [int](#)

Allowed values in RiskLimitReportRejectReasonCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	UnkRiskLmtRprtID	Unknown RiskLimitReportID(1667)
1	UnkPty	Unknown party
99	Other	Other

---

Used in messages: [PartyRiskLimitsReportAck](#)

**170.2.4669 RiskLimitReportStatus**

Status of risk limit report.

Type: **int**

Allowed values in RiskLimitReportStatusCodeSet:

---

Code	Name	Description
0	Accepted	Accepted
1	Rejected	Rejected

---

Used in messages: **PartyRiskLimitsReportAck**

**170.2.4670 RiskLimitRequestID**

Unique identifier for the PartyRiskLimitsRequest

Type: **String**

Used in messages: **PartyRiskLimitsDefinitionRequest**, **PartyRiskLimitsDefinitionRequestAck**, **PartyRiskLimitsReport**, **PartyRiskLimitsReportAck**, **PartyRiskLimitsRequest**, **PartyRiskLimitsUpdateReport**

**170.2.4671 RiskLimitRequestResult**

Result of risk limit definition request.

Type: **int**

Allowed values in RiskLimitRequestResultCodeSet:

---

Code	Name	Description
0	Successful	Successful (default)
1	InvalidParty	Invalid party(-ies)
2	InvalidRelatedParty	Invalid related party(-ies)
3	InvalidRiskLimitType	Invalid risk limit type(s)
4	InvalidRiskLimitID	Invalid risk limit ID(s)
5	InvalidRiskLimitAmount	Invalid risk limit amount(s)

---

Code	Name	Description
6	InvalidRiskWarningLevelAction	Invalid risk/warning level action(s)
7	InvalidRiskInstrumentScope	Invalid risk instrument scope(s)
8	RiskLimitActionsNotSupported	Risk limit actions not supported
9	WarningLevelsNotSupported	Warning levels not supported
10	WarningLevelActionsNotSupported	Warning level actions not supported
11	RiskInstrumentScopeNotSupported	Risk instrument scope not supported
12	RiskLimitNotApprovedForParty	Risk limit not approved for party(-ies)
13	RiskLimitAlreadyDefinedForParty	Risk limit already defined for party(-ies)
14	InstrumentNotApprovedForParty	Instrument not approved for party(-ies)
98	NotAuthorized	Not authorized
99	Other	Other

---

Used in messages: [PartyRiskLimitsDefinitionRequestAck](#)

### **170.2.4672 RiskLimitRequestStatus**

Status of risk limit definition request.

Type: [int](#)

Allowed values in [PartyDetailRequestStatusCodeSet](#):

Code	Name	Description
0	Accepted	Accepted
1	AcceptedWithChanges	Accepted with changes
2	Rejected	Rejected
3	AcceptancePending	Acceptance pending

---

Used in messages: [PartyRiskLimitsDefinitionRequestAck](#)

### **170.2.4673 RiskLimitRequestType**

Type of risk limit information.

Type: [int](#)

Allowed values in RiskLimitRequestTypeCodeSet:

Code	Name	Description
1	Definitions	Definitions(Default)
2	Utilization	Utilization
3	DefinitionsAndUtilizations	Definitions and utilization

Used in messages: [PartyRiskLimitsReport](#), [PartyRiskLimitsRequest](#), [PartyRiskLimitsUpdateReport](#)

### 170.2.4674 RiskLimitResult

Result of risk limit definition for one party.

Type: **int**

Allowed values in RiskLimitRequestResultCodeSet:

Code	Name	Description
0	Successful	Successful (default)
1	InvalidParty	Invalid party(-ies)
2	InvalidRelatedParty	Invalid related party(-ies)
3	InvalidRiskLimitType	Invalid risk limit type(s)
4	InvalidRiskLimitID	Invalid risk limit ID(s)
5	InvalidRiskLimitAmount	Invalid risk limit amount(s)
6	InvalidRiskWarningLevelAction	Invalid risk/warning level action(s)
7	InvalidRiskInstrumentScope	Invalid risk instrument scope(s)
8	RiskLimitActionsNotSupported	Risk limit actions not supported
9	WarningLevelsNotSupported	Warning levels not supported
10	WarningLevelActionsNotSupported	Warning level actions not supported
11	RiskInstrumentScopeNotSupported	Risk instrument scope not supported
12	RiskLimitNotApprovedForParty	Risk limit not approved for party(-ies)
13	RiskLimitAlreadyDefinedForParty	Risk limit already defined for party(-ies)
14	InstrumentNotApprovedForParty	Instrument not approved for party(-ies)
98	NotAuthorized	Not authorized
99	Other	Other

Used in groups: [PartyRiskLimitsAckGrp](#)

**170.2.4675 RiskLimitsGrp**

Repeating group of risk limits.

Name	Mult.	Type	Description
NoRiskLimits	[1..1]	NumInGroup	
RiskLimitTypesGrp	[0..*]	Group	Required if NoRiskLimits(1669) > 0.
RiskInstrumentScopeGrp	[0..*]	Group	

Used in groups: [PartyRiskLimitsAckGrp](#), [PartyRiskLimitsGrp](#), [PartyRiskLimitsUpdateGrp](#)

**170.2.4676 RiskLimitStatus**

Status of risk limit definition for one party.

Type: [int](#)

Allowed values in PartyDetailDefinitionStatusCodeSet:

Code	Name	Description
0	Accepted	Accepted
1	AcceptedWithChanges	Accepted with changes
2	Rejected	Rejected

Used in groups: [PartyRiskLimitsAckGrp](#)

**170.2.4677 RiskLimitType**

Used to specify the type of risk limit amount or position limit quantity or margin requirement amounts.

Type: [int](#)

Allowed values in RiskLimitTypeCodeSet:

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	CreditLimit	Credit limit. The credit limit provided by one party to another for trading.
1	GrossLimit	Gross limit
2	NetLimit	Net limit
3	Exposure	Exposure
4	LongLimit	Long limit
5	ShortLimit	Short limit
6	CashMargin	Cash margin
7	AdditionalMargin	Additional margin
8	TotalMargin	Total margin
9	LimitConsumed	Limit consumed. The limit used in the recent transaction.
10	ClipSize	Clip size/notional limit per time period. The total notional amount limit allowed to be executed within a defined period of time or velocity. The defined period of time may be specified by the RiskLimitVelocityPeriod(2336) and RiskLimitVelocityUnit(2337).
11	MaxNotionalOrderSize	Maximum notional order size
12	DV01PV01Limit	DV01/PV01 limit. The maximum dollar value change resulting from a move of 1 basis point in the yield curve. This limits the interest rate risk exposure. Also known as "basis point value" or BPV.
13	CS01Limit	CS01 limit. Credit spread sensitivity. Represents the change in market value of a CDS for a one basis point change in the credit spread. This limits the credit risk exposure of a CDS. Also known as "risky-DV01".
14	VolumeLimitPerTimePeriod	Volume limit per time period. The total number of shares, bonds or contracts allowed to be executed within a defined period of time or velocity. The defined period of time may be specified by the RiskLimitVelocityPeriod(2336) and RiskLimitVelocityUnit(2337).
15	VolFilledPctOrdVolTmPeriod	Volume filled as percent of ordered volume per time period. The total number of shares, bonds or contracts executed as a percentage of the total ordered shares, contracts or notional amount for a specified security, instrument, symbol, or underlying, over a defined period of time or velocity. The defined period of time may be specified by the RiskLimitVelocityPeriod(2336) and RiskLimitVelocityUnit(2337).



Code	Name	Description
16	NotlFilledPctNotlTmPeriod	Notional filled as percent of notional per time period. The total notional amount executed as a percentage of the total ordered shares, contracts or notional amount for a specified security, instrument, symbol, or underlying, over a defined period of time or velocity. The defined period of time may be specified by the RiskLimitVelocityPeriod(2336) and RiskLimitVelocityUnit(2337).
17	TransactionExecutionLimitPer-TimePeriod	Transaction/execution limit per time period. The total number of transactions or execution fills allowed within a defined period of time or velocity. The defined period of time may be specified by the RiskLimitVelocityPeriod(2336) and RiskLimitVelocityUnit(2337).

Used in groups: [RequestedRiskLimitTypesGrp](#), [RiskLimitTypesGrp](#)

### 170.2.4678 RiskLimitTypesGrp

Repeating group of risk limit types and values.

Name	Mult.	Type	Description
<a href="#">NoRiskLimitTypes</a>	[1..1]	NumInGroup	
<a href="#">RiskLimitType</a>	[0..1]	CodeSet	Required if NoRiskLimitTypes(1529) > 0.
<a href="#">RiskLimitAmount</a>	[0..1]	Amt	
<a href="#">RiskLimitAction</a>	[0..1]	CodeSet	
<a href="#">RiskLimitUtilizationAmount</a>	[0..1]	Amt	Not applicable in a request.
<a href="#">RiskLimitUtilizationPercent</a>	[0..1]	Percentage	Not applicable in a request.
<a href="#">RiskLimitCurrency</a>	[0..1]	Currency	
<a href="#">RiskLimitCurrencyCodeSource</a>	[0..1]	CodeSet	
<a href="#">RiskLimitPlatform</a>	[0..1]	String	
<a href="#">RiskLimitVelocityPeriod</a>	[0..1]	int	Conditionally required when RiskLimitType(1530) = 10 (Clip size)
<a href="#">RiskLimitVelocityUnit</a>	[0..1]	CodeSet	
<a href="#">RiskWarningLevelGrp</a>	[0..*]	Group	

Used in groups: [RiskLimitsGrp](#)

**170.2.4679 RiskLimitUtilizationAmount**

Absolute amount of utilization of a party's set risk limit.

Type: **Amt**

Used in groups: **RiskLimitTypesGrp**

**170.2.4680 RiskLimitUtilizationPercent**

Percentage of utilization of a party's set risk limit.

Type: **Percentage**

Used in groups: **RiskLimitTypesGrp**

**170.2.4681 RiskLimitVelocityPeriod**

The time interval for which the clip size limit applies. The velocity time unit is expressed in RiskLimitVelocityUnit(2337).

Type: **int**

Used in groups: **RiskLimitTypesGrp**

**170.2.4682 RiskLimitVelocityUnit**

Unit of time in which RiskLimitVelocityPeriod(2336) is expressed.

Type: **String**

Allowed values in TimeUnitCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
H	Hour	Hour
Min	Minute	Minute
S	Second	Second
D	Day	Day
Wk	Week	Week
Mo	Month	Month
Yr	Year	Year
Q	Quarter	Quarter

---

Code	Name	Description
EOM	EndOfMonth	End of Month. End of Month identifies a relative time unit, e.g. until the third Friday of each month.
F	Flexible	Flexible. A flexible time unit indicates that a specific time unit for the contract is currently undetermined.

Used in groups: [RiskLimitTypesGrp](#)

### 170.2.4683 RiskWarningLevelAction

Action to take should warning level be exceeded.

Type: [int](#)

Allowed values in RiskLimitActionCodeSet:

Code	Name	Description
0	QueueInbound	Queue inbound
1	QueueOutbound	Queue outbound
2	Reject	Reject
3	Disconnect	Disconnect
4	Warning	Warning
5	PingCreditCheckWithRevalidation	Ping credit check model with revalidation. Each subsequent order, quote request or quote submission by the Credit. User must obtain pre-approval. Any open orders, quote requests or quotes are to be cancelled.
6	PingCreditCheckNoRevalidation	Ping credit check model without revalidation. Each subsequent order, quote request or quote submission by the Credit. User must obtain pre-approval. Any open orders, quote requests or quotes will remain active.
7	PushCreditCheckWithRevalidation	Push credit check model with revalidation. Each subsequent order, quote request or quote submission by the Credit. User must be checked against the limit amounts pushed to the trading platform. Any open orders, quote requests or quotes are. to be cancelled.
8	PushCreditCheckNoRevalidation	Push credit check model without revalidation. Each subsequent order, quote request or quote submission by the Credit. User must be checked against the limit amounts pushed to the trading platform. Any open orders, quote requests or quotes will. remain active.

Code	Name	Description
9	Suspend	Suspend. Suspend the Credit User from trading once limit(s) is breached. This is considered a "soft" stop.
10	HaltTrading	Halt trading. Halt or stop the Credit User from trading once limit(s) is breached. This is considered a "hard" stop and may require more involved actions to reinstate the Credit User's ability to trade.

Used in groups: [RiskWarningLevelGrp](#)

### 170.2.4684 RiskWarningLevelAmount

Amount at which a warning is issued.

Type: [int](#)

Used in groups: [RiskWarningLevelGrp](#)

### 170.2.4685 RiskWarningLevelGrp

Risk warning levels.

Name	Mult.	Type	Description
<a href="#">NoRiskWarningLevels</a>	[1..1]	NumInGroup	
<a href="#">RiskWarningLevelAction</a>	[0..1]	CodeSet	Required if <a href="#">NoRiskWarningLevels(1559)</a> > 0.
<a href="#">RiskWarningLevelPercent</a>	[0..1]	Percentage	Conditionally required when <a href="#">RiskWarningLevelAmount(1768)</a> is not provided.
<a href="#">RiskWarningLevelAmount</a>	[0..1]	int	Conditionally required when <a href="#">RiskWarningLevelPercent(1560)</a> is not provided.
<a href="#">RiskWarningLevelName</a>	[0..1]	String	

Used in groups: [RiskLimitTypesGrp](#)

### 170.2.4686 RiskWarningLevelName

Name or error message associated with the risk warning level.

Type: [String](#)

Used in groups: [RiskWarningLevelGrp](#)

**170.2.4687 RiskWarningLevelPercent**

Percent of risk limit at which a warning is issued.

Type: [Percentage](#)

Used in groups: [RiskWarningLevelGrp](#)

**170.2.4688 RndPx**

Specifies average price rounded to quoted precision.

Type: [Price](#)

Used in messages: [AllocationInstruction](#), [AllocationInstructionAlert](#), [AllocationReport](#), [TradeCaptureReport](#), [TradeCaptureReportAck](#)

**170.2.4689 RootParties**

The RootParties component block is a version of the Parties component block used to provide root information regarding the owning and entering parties of a transaction.

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Name	Mult.	Type	Description
<a href="#">NoRootPartyIDs</a>	[1..1]	NumInGroup	Repeating group below should contain unique combinations of RootPartyID, RootPartyIDSource, and RootPartyRole
<a href="#">RootPartyID</a>	[0..1]	String	Used to identify source of RootPartyID. Required if RootPartyIDSource is specified. Required if NoRootPartyIDs > 0.
<a href="#">RootPartyIDSource</a>	[0..1]	CodeSet	Used to identify class source of RootPartyID value (e.g. BIC). Required if RootPartyID is specified. Required if NoRootPartyIDs > 0.
<a href="#">RootPartyRole</a>	[0..1]	CodeSet	Identifies the type of RootPartyID (e.g. Executing Broker). Required if NoRootPartyIDs > 0.
<a href="#">RootPartyRoleQualifier</a>	[0..1]	CodeSet	
<a href="#">RootSubParties</a>	[0..*]	Group	Repeating group of RootParty sub-identifiers.

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Used in messages: [CrossOrderCancelReplaceRequest](#), [CrossOrderCancelRequest](#), [NewOrderCross](#), [NewOrderList](#), [QuoteRequest](#), [QuoteRequestReject](#), [TradeCaptureReport](#), [TradeCaptureReportAck](#)

**170.2.4690 RootPartyID**

PartyID value within a root parties component. Same values as PartyID (448)

Type: **String**

Used in groups: **RootParties**

**170.2.4691 RootPartyIDSource**

PartyIDSource value within a root parties component. Same values as PartyIDSource (447)

Type: **char**

Allowed values in PartyIDSourceCodeSet:

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<b>Code</b>	<b>Name</b>	<b>Description</b>
1	KoreanInvestorID	Korean Investor ID
6	UKNationalInsuranceOrPension-Number	UK National Insurance or Pension Number
B	BIC	BIC (Bank Identification Code - SWIFT managed) code (ISO9362 - See "Appendix 6-B")
I	ISITCAcronym	Directed broker three character acronym as defined in ISITC "ETC Best Practice" guidelines document
2	TaiwaneseForeignInvestorID	Taiwanese Qualified Foreign Investor ID QFII/FID
7	USSocialSecurityNumber	US Social Security Number
C	GeneralIdentifier	Generally accepted market participant identifier (e.g. NASD mnemonic)
3	TaiwaneseTradingAcct	Taiwanese Trading Acct
8	USEmployerOrTaxIDNumber	US Employer or Tax ID Number
D	Proprietary	Proprietary / Custom code. Custom ID schema used between counterparties, trading platforms and repositories.
4	MalaysianCentralDepository	Malaysian Central Depository (MCD) number
9	AustralianBusinessNumber	Australian Business Number
E	ISOCountryCode	ISO Country Code
5	ChineseInvestorID	Chinese Investor ID
A	AustralianTaxFileNumber	Australian Tax File Number
F	SettlementEntityLocation	Settlement Entity Location (note if Local Market Settlement use "E=ISO Country Code") (see "Appendix 6-G" for valid values)
G	MIC	Market Identifier Code (ISO 10383) MIC

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Code	Name	Description
J	TaxID	Tax ID
H	CSDParticipant	CSD participant/member code (e.g. Euroclear, DTC, CREST or Kassenverein number)
K	AustralianCompanyNumber	Australian Company Number
L	AustralianRegisteredBodyNumber	Australian Registered Body Number
M	CFTCReportingFirmIdentifier	CFTC reporting firm identifier
N	LegalEntityIdentifier	Legal Entity Identifier (ISO 17442) LEI
O	InterimIdentifier	Interim identifier. An interim entity identifier assigned by a regulatory agency prior to an LEI (ISO 17442) being assigned.
P	ShortCodeIdentifier	Short code identifier. A generic means for trading venues, brokers, investment managers to convey a bilaterally agreed upon "short hand" code for an identifier that is a reference to a mapping between the parties.
Q	NationalIDNaturalPerson	National ID of natural person. An identification number generally assigned by a government authority or agency to a natural person which is unique to the person it is assigned to. Examples include, but not limited to, "social security number", "pension number".
R	IndiaPermanentAccountNumber	India Permanent Account Number. Also referred to as PAN ID. An identifier issued by the Income Tax Department of India.
S	FDID	Firm designated identifier. Also referred to as FDID. A unique identifier required by the SEC for each trading account designated by Industry Members for purposes of reporting to CAT (Consolidated Audit Trail).
T	SPSAID	Special Segregated Account ID. Also referred to as SPSA ID. The Special Segregated Account identifier issued by Hong Kong Exchanges and Clearing.
U	MasterSPSAID	Master Special Segregated Account ID. Also referred to as Master SPSA ID. The master identifier issued by Hong Kong Exchanges and Clearing for the aggregation of SPSA IDs.

Used in groups: **RootParties**

### 170.2.4692 RootPartyRole

PartyRole value within a root parties component. Same values as PartyRole (452)

Type: **int**

## Allowed values in PartyRoleCodeSet:

<b>Code</b>	<b>Name</b>	<b>Description</b>
1	ExecutingFirm	Executing Firm (formerly FIX 4.2 ExecBroker)
2	BrokerOfCredit	Broker of Credit (formerly FIX 4.2 BrokerOfCredit)
3	ClientID	Client ID (formerly FIX 4.2 ClientID)
4	ClearingFirm	Clearing Firm (formerly FIX 4.2 ClearingFirm)
5	InvestorID	Investor ID
6	IntroducingFirm	Introducing Firm
7	EnteringFirm	Entering Firm
8	Locate	Locate / Lending Firm (for short-sales)
9	FundManagerClientID	Fund Manager Client ID (for CIV)
10	SettlementLocation	Settlement Location (formerly FIX 4.2 SettlLocation)
11	OrderOriginationTrader	Order Origination Trader (associated with Order Origination Firm - i.e. trader who initiates/submits the order)
12	ExecutingTrader	Executing Trader (associated with Executing Firm - actually executes)
13	OrderOriginationFirm	Order Origination Firm (e.g. buy-side firm)
14	GiveupClearingFirmDepr	Giveup Clearing Firm (firm to which trade is given up)
15	CorrespondantClearingFirm	Correspondant Clearing Firm
16	ExecutingSystem	Executing System
17	ContraFirm	Contra Firm
18	ContraClearingFirm	Contra Clearing Firm
19	SponsoringFirm	Sponsoring Firm
20	UnderlyingContraFirm	Underlying Contra Firm
21	ClearingOrganization	Clearing Organization
22	Exchange	Exchange. Identify using PartyIDSource(tag 447) = G (Market Identifier Code) if the MIC exists.
24	CustomerAccount	Customer Account
25	CorrespondentClearingOrganization	Correspondent Clearing Organization
26	CorrespondentBroker	Correspondent Broker
27	Buyer	Buyer/Seller (Receiver/Deliverer)
28	Custodian	Custodian
29	Intermediary	Intermediary
30	Agent	Agent
31	SubCustodian	Sub-custodian



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<b>Code</b>	<b>Name</b>	<b>Description</b>
32	Beneficiary	Beneficiary
33	InterestedParty	Interested party
34	RegulatoryBody	Regulatory body. In the context of regulatory reporting, this identifies the regulator the trade is being reported to.
35	LiquidityProvider	Liquidity provider
36	EnteringTrader	Entering trader
37	ContraTrader	Contra trader
38	PositionAccount	Position account. The account which positions are maintained. Typically represents the aggregation of one or more customer accounts.
39	ContraInvestorID	Contra Investor ID
40	TransferToFirm	Transfer to Firm
41	ContraPositionAccount	Contra Position Account
42	ContraExchange	Contra Exchange
43	InternalCarryAccount	Internal Carry Account
44	OrderEntryOperatorID	Order Entry Operator ID
45	SecondaryAccountNumber	Secondary Account Number
46	ForeignFirm	Foreign Firm
47	ThirdPartyAllocationFirm	Third Party Allocation Firm
48	ClaimingAccount	Claiming Account
49	AssetManager	Asset Manager
50	PledgorAccount	Pledgor Account
51	PledgeeAccount	Pledgee Account
52	LargeTraderReportableAccount	Large Trader Reportable Account
53	TraderMnemonic	Trader mnemonic
54	SenderLocation	Sender Location
55	SessionID	Session ID
56	AcceptableCounterparty	Acceptable Counterparty
57	UnacceptableCounterparty	Unacceptable Counterparty
58	EnteringUnit	Entering Unit
59	ExecutingUnit	Executing Unit
60	IntroducingBroker	Introducing Broker
61	QuoteOriginator	Quote originator
62	ReportOriginator	Report originator
63	SystematicInternaliser	Systematic internaliser (SI)

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<b>Code</b>	<b>Name</b>	<b>Description</b>
64	MultilateralTradingFacility	Multilateral Trading Facility (MTF). Identify using PartyIDSource(tag 447) = G (Market Identifier Code) if the MIC exists.
65	RegulatedMarket	Regulated Market (RM). Identify using PartyIDSource(tag 447) = G (Market Identifier Code) if the MIC exists.
66	MarketMaker	Market Maker
67	InvestmentFirm	Investment Firm
68	HostCompetentAuthority	Host Competent Authority (Host CA)
69	HomeCompetentAuthority	Home Competent Authority (Home CA)
70	CompetentAuthorityLiquidity	Competent Authority of the most relevant market in terms of liquidity (CAL)
71	CompetentAuthorityTransactionV- enue	Competent Authority of the Transaction (Execution) Venue (CATV)
72	ReportingIntermediary	Reporting intermediary. The medium or vendor used to report to a regulator, non-regulatory agency or data repository.
73	ExecutionVenue	Execution Venue. Identify using PartyIDSource(tag 447) = G (Market Identifier Code) if the MIC exists.
74	MarketDataEntryOriginator	Market data entry originator
75	LocationID	Location ID
76	DeskID	Desk ID
77	MarketDataMarket	Market data market
78	AllocationEntity	Allocation Entity
79	PrimeBroker	Prime Broker providing General Trade Services
80	StepOutFirm	Step-Out Firm (Prime Broker)
81	BrokerClearingID	Broker clearing identifier
82	CentralRegistrationDepository	Central Registration Depository (CRD)
83	ClearingAccount	Clearing Account
84	AcceptableSettlingCounterparty	Acceptable Settling Counterparty
85	UnacceptableSettlingCounterparty	Unacceptable Settling Counterparty
86	CLSMemberBank	CLS Member Bank
87	InConcertGroup	In Concert Group
88	InConcertControllingEntity	In Concert Controlling Entity
89	LargePositionsReportingAccount	Large Positions Reporting Account
90	SettlementFirm	Settlement Firm

<b>Code</b>	<b>Name</b>	<b>Description</b>
91	SettlementAccount	Settlement account. The account to which individual payment obligations are aggregated for netting and funds movement. Typically represents the aggregation of many margin (performance bond) accounts.
92	ReportingMarketCenter	Reporting Market Center
93	RelatedReportingMarketCenter	Related Reporting Market Center
94	AwayMarket	Away Market. Identify using PartyIDSource(tag 447) = G (Market Identifier Code) if the MIC exists.
95	GiveupTradingFirm	Give-up (trading) firm
96	TakeupTradingFirm	Take-up (trading) firm
97	GiveupClearingFirm	Give-up clearing firm
98	TakeupClearingFirm	Take-up clearing firm
99	OriginatingMarket	Originating Market. Identifies the Market using PartyIDSource(tag 447) = G (Market Identifier Code) where an order originated in the event that the order is sent to an alternative market for execution. Serves as an inverse of an away market.
100	MarginAccount	Margin account. Also referred to as "performance bond account". The margin account is the calculated margin requirements. Typically represents the aggregation of one or more position accounts.
101	CollateralAssetAccount	Collateral asset account. The account at which individual collateral assets are maintained. Typically, although not always, one-for-one with the settlement account.
102	DataRepository	Data repository. Multiple instances of this PartyRole may appear for reporting purposes.
103	CalculationAgent	Calculation agent
104	ExerciseNoticeSender	Sender of exercise notice
105	ExerciseNoticeReceiver	Receiver of exercise notice
106	RateReferenceBank	Rate reference bank. The bank providing the reference rate. Multiple instance of this PartyRole may appear.
107	Correspondent	Correspondent
109	BeneficiaryBank	Beneficiary's bank or depository institution. The institution in which the beneficiary, a person or an entity, has their account with. The institution may be a bank or non-bank institution.
110	Borrower	Borrower
111	PrimaryObligator	Primary obligator
112	Guarantor	Guarantor

Code	Name	Description
113	ExcludedReferenceEntity	Excluded reference entity
114	DeterminingParty	Determining party
115	HedgingParty	Hedging party
116	ReportingEntity	Reporting entity. The entity that is reporting the information.
117	SalesPerson	Sales person. The person who is involved in the sales activities for their firm.
118	Operator	Operator. The person who has the capabilities and authorization to take certain actions; for example, setting entitlements, etc.
119	CSD	Central Securities Depository (CSD)
120	ICSD	International Central Securities Depository (ICSD)
121	TradingSubAccount	Trading sub-account. Example of sub-accounts include a clearing account that has multiple trading sub-accounts, a trading account that has multiple trading sub-accounts belonging to different trading firms.
122	InvestmentDecisionMaker	Investment decision maker. In the context of ESMA RTS reporting, this is used to specify party responsible for the investment decision. See RTS 24, Annex, Table 2, Field 4.
123	PublishingIntermediary	Publishing intermediary. The medium or vendor used to publish to the market.
124	CSDParticipant	Central Securities Depository (CSD) Participant. In the context of EU SFTR reporting the identifier of the CSD participant or indirect participant of the reporting counterparty. Where both the CSD participant and indirect participant are involved in the transaction this should identify the indirect participant.
125	Issuer	Issuer. The issuer of the security.
126	ContraCustomerAccount	Contra Customer Account. Same as PartyRole(452) = 24 (Customer Account) but for the counterparty. Can be used whenever the parties component is not nested in a repeating group representing both sides.
127	ContraInvestmentDecisionMaker	Contra Investment Decision Maker. Same as PartyRole(452) = 122 (Investment Decision Maker) but for the counterparty. Can be used whenever the parties component is not nested in a repeating group representing both sides.

Used in groups: **RootParties**

**170.2.4693 RootPartyRoleQualifier**

Used to further qualify the value of RootPartyRole(1119).

Type: **int**

Allowed values in PartyDetailRoleQualifierCodeSet:

Code	Name	Description
0	Agency	Agency
1	Principal	Principal
2	RisklessPrincipal	Riskless principal
3	GeneralClearingMember	General clearing member
30	ExchangeOrderSubmitter	Exchange order submitter. Used to identify original or initial exchange order submitting broker when party role "1" (Executing Firm) appears more than once.
4	IndividualClearingMember	Individual clearing member
5	PreferredMarketMaker	Preferred market maker. Market maker getting a part of the matched quantity before primary or default market maker.
6	DirectedMarketMaker	Directed market maker. Single market maker to handle the order provided.
7	Bank	Bank
8	Hub	Hub. Indicates that the Intermediary party is a hub system or service provider.
9	PrimaryTrdRepository	Primary trade repository. Used to differentiate the principal trade repository from the Original or Additional trade repositories when there are multiple trade repositories being reported.
10	OrigTrdRepository	Original trade repository. Used to identify the trade repository to which the trade was originally reported if different from the current repository to which the trade is being reported.
11	AddtnlIntlTrdRepository	Additional international trade repository. Used with InternationalSwapIndicator(2526) to identify the trade repository that is in addition to the local swaps data repository as required by U.S. law.
12	AddtnlDomesticTrdRepository	Additional domestic trade repository. Used with MixedSwapIndicator(1929) to identify the trade repository that is in addition to the current trade repository when the assets in the swap are subject to two different domestic regulators.
13	RelatedExchange	Related exchange
14	OptionsExchange	Options exchange

Code	Name	Description
15	SpecifiedExchange	Specified exchange
16	ConstituentExchange	Constituent exchange.
17	ExemptFromTradeReporting	Exempt from trade reporting. In the context of FINRA TRACE reporting requirements, this is used to indicate the ATS has been granted a regulatory exemption from reporting.
18	Current	Current. Can be used to convey an existing party identifier for the same party role in a single message.
19	New	New. Can be used to convey a future party identifier for the same party role in a single message.
20	DesignatedSponsor	Designated sponsor. Market maker jointly providing liquidity for the same security with other market makers.
21	Specialist	Specialist. Market maker being the only one providing liquidity for a security.
22	Algorithm	Algorithm
23	FirmOrLegalEntity	Firm or legal entity
24	NaturalPerson	Natural person
25	RegularTrader	Regular trader. Standard trader profile.
26	HeadTrader	Head trader. Senior trader leading a group of regular traders.
27	Supervisor	Supervisor. Administrative user that has only limited rights for normal trading but possibly special rights for emergency actions.
28	TriParty	Tri-party. In the context of EU SFTR reporting, identifies the third party, not necessarily the custodian, to which the reporting counterparty has outsourced the post-trade processing of an SFT (if applicable).
29	Lender	Lender. In the context of EU SFTR reporting, identifies the agent lender involved in the securities lending transaction.

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Used in groups: [RootParties](#)

#### **170.2.4694 RootPartySubID**

PartySubID value within a root parties component. Same values as PartySubID (523)

Type: [String](#)

Used in groups: [RootSubParties](#)

**170.2.4695 RootPartySubIDType**

Type of RootPartySubID (1121) value. Same values as PartySubIDType (803)

Type: **int**

Allowed values in PartySubIDTypeCodeSet:

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<b>Code</b>	<b>Name</b>	<b>Description</b>
1	Firm	Firm
2	Person	Person
3	System	System
4	Application	Application
5	FullLegalNameOfFirm	Full legal name of firm
6	PostalAddress	Postal address
7	PhoneNumber	Phone number
8	EmailAddress	Email address
9	ContactName	Contact name
10	SecuritiesAccountNumber	Securities account number (for settlement instructions)
11	RegistrationNumber	Registration number (for settlement instructions and confirmations)
12	RegisteredAddressForConfirmation	Registered address (for confirmation purposes)
13	RegulatoryStatus	Regulatory status (for confirmation purposes)
14	RegistrationName	Registration name (for settlement instructions)
15	CashAccountNumber	Cash account number (for settlement instructions)
16	BIC	BIC
17	CSDParticipantMemberCode	CSD participant member code
18	RegisteredAddress	Registered address
19	FundAccountName	Fund account name
20	TelexNumber	Telex number
21	FaxNumber	Fax number
22	SecuritiesAccountName	Securities account name
23	CashAccountName	Cash account name
24	Department	Department
25	LocationDesk	Location desk
26	PositionAccountType	Position account type
27	SecurityLocateID	Security locate ID
28	MarketMaker	Market maker

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Code	Name	Description
29	EligibleCounterparty	Eligible counterparty
30	ProfessionalClient	Professional client
31	Location	Location
32	ExecutionVenue	Execution venue
33	CurrencyDeliveryIdentifier	Currency delivery identifier
34	AddressCity	Address City
35	AddressStateOrProvince	Address State/Province
36	AddressPostalCode	Address Postal Code
37	AddressStreet	Address Street
38	AddressISOCountryCode	Address Country (ISO country code)
39	ISOCountryCode	ISO country code
40	MarketSegment	Market segment
41	CustomerAccountType	Customer account type
42	OmnibusAccount	Omnibus account
43	FundsSegregationType	Funds segregation type
44	GuaranteeFund	Guarantee fund. Identifies a guarantee fund related to an account. Used when one account has multiple funds of collateral, each guaranteeing different positions. Can be used for PartyRole(452) = Customer Account(24).
45	SwapDealer	Swap dealer. The US regulator's defined term for identifying the trade counterparty as "any person who holds itself out as a dealer in swaps, makes a market in swaps, regularly enters into swaps with counterparties as an ordinary course of business for its own account, or engages in activity causing itself to be commonly known in the trade as a dealer or market maker in swaps".
46	MajorParticipant	Major participant. When PartySubID(523)=Y the counterparty is not the swap dealer but is a major swap participant as defined in the regulations.
47	FinancialEntity	Financial entity. When PartySubID(523)=Y the counterparty is neither a swap dealer nor a major swap participant but is a financial entity as defined in the regulations.
48	USPerson	U.S. person. A legal term referring to any U.S. person or legal entity anywhere in the world that should be taxed under U.S. law.
49	ReportingEntityIndicator	Reporting entity indicator. Indicates the entity obligated or delegated to report to their regulator, a non-regulatory agency or data repository. Set PartySubID(523)=Y if true.



<b>Code</b>	<b>Name</b>	<b>Description</b>
50	ElectedClearingRequirementException	Elected clearing requirement exception
51	BusinessCenter	Business center.
52	ReferenceText	Reference text
53	ShortMarkingExemptAccount	Short-marking exempt account
54	ParentFirmIdentifier	Parent firm identifier. Implementation-specific identifier of this party's parent entity.
55	ParentFirmName	Parent firm name. Full name of this party's parent entity.
56	DealIdentifier	Deal identifier. The internal identifier assigned to the trade by this party, particularly by a Clearing Organization.
57	SystemTradeID	System trade identifier
58	SystemTradeSubID	System trade sub-identifier
59	FCMCode	Futures Commission Merchant (FCM) code. The FCM's code or identifier in relation to the PartyRole(452). For example, if PartyRole(452) is the exchange or clearinghouse, the FCM code/ID specified in PartySubID(523) is the FCM's identifier at the exchange or clearinghouse.
60	DlvryTrmlCode	Delivery terminal customer account/code. Usually used for gas delivery to identify whose account the gas is allocated to at the delivery terminal. Often referred to as "HUB" code.
61	VolntyRptEntity	Voluntary reporting entity. The entity voluntarily reporting the trade to the regulator. Set PartySubID(523)=Y if true.
62	RptObligJursdctn	Reporting obligation jurisdiction. For a trade that falls under multiple jurisdictions this may be used to identify, through PartySubID(523), the reporting jurisdiction to which the party is obligated to report.
63	VolntyRptJursdctn	Voluntary reporting jurisdiction. For a trade that falls under multiple jurisdictions this may be used to identify, through PartySubID(523), the regulatory jurisdiction to which the party is submitting a voluntary report.

Code	Name	Description
64	CompanyActivities	Company activities. For regulatory reporting. ID values include: A = Assurance undertaking authorized in accordance with Directive 2002/83/EC C=Credit institution authorized in accordance with Directive 2006/48/EC F=Investment firm in accordance with Directive 2004/39/EC I=Insurance undertaking authorized in accordance with Directive 73/239/EC L=Alternative investment fund managed by AIFMs authorized or registered in accordance with Directive 2011/61/EC O=Institution for occupational retirement provision within the meaning of Article 6(a0 of Directive 2003/41/EC R=Reinsurance undertaking authorized in accordance with Directive 2005/68/EC U=UCITS and its management company, authorized in accordance with Directive 2009/65/EC or blank in case of coverage by LEI or in case of non-financial counterparties. In the context of EU SFTR reporting use the appropriate 4- or 1-character code noted in the regulations. See SFTR ITS "Commission Implementing Regulation (EU) 2019/363" Annexes 1 and 2 for values.
65	EEAreaDomiciled	European Economic Area domiciled. ID values: Y or N
66	ContractLinked	Contract linked to commercial or treasury financing for this counterparty. ID values: Y or N
67	ContractAbove	Contract above clearing threshold for this counterparty. ID values: Y or N
68	VolntyRptPty	Voluntary reporting party. When PartySubID(523)=Y, identifies that the trading party is reporting voluntarily when VoluntaryRegulatoryReport(1935)=Y.
69	EndUser	End user. When PartySubID(523)=Y, the counterparty is neither the swap dealer, major swap participant nor financial entity as defined in the regulations.
70	LocationOrJurisdiction	Location or jurisdiction. One or more instances may be used in combination with PartySubIDType(803) = 49 (Reporting entity indicator) or 102 (Data repository) to identify the jurisdiction, countries, regions or provinces for which the party is a reporting entity or data repository when that characteristic is ambiguous or where there are multiple locations. The party sub-ID value is either a jurisdiction acronym, a 2-character ISO 3166 country code, or a hyphenated combination of the country code and the standard post-office abbreviation for province, state or region if necessary. E.g. "US" for United States or "CA-QC" for Quebec Canada.

<b>Code</b>	<b>Name</b>	<b>Description</b>
71	DerivativesDealer	Derivatives dealer. Indicates whether the party is a derivatives dealer or not (Y/N). The Canadian regulator's defined term for identifying the trade counterparty as "a person or company engaging in or holding himself, herself or itself out as engaging in the business of trading in derivatives in Ontario as principal or agent".
72	Domicile	Domicile. Country and optionally province, state or region of domicile. The party sub-ID value is either a 2-character ISO 3166 country code or a hyphenated combination of the country code and the standard post-office abbreviation of province, state or region if necessary. E.g. "US" for United States or "CA-QC" for Quebec Canada.
73	ExemptFromRecognition	Exempt from recognition. Used with party role 21 "Clearing Organization" to indicate exemption (Y/N). Identifies a clearing agency as exempt from oversight in Ontario, i.e. one that 1) only provides limited services and does not present significant risks or 2) is foreign-based, intends to operate in Ontario but is subject to regulatory oversight in another jurisdiction.
74	Payer	Payer. Identifies the party as the payer of a particular payment stream or bullet payment by quoting the stream's StreamDesc(40051) (or LegStreamDesc(40243) or UnderlyingStreamDesc(40542)) or payment's PaymentDesc(43087) in the associated party sub-identifier field.
75	Receiver	Receiver. Identifies the party as the receiver of a particular payment stream or bullet payment by quoting the stream's StreamDesc(40051) (or LegStreamDesc(40243) or UnderlyingStreamDesc(40542)) or payment's PaymentDesc(43087) in the associated party sub-identifier field.
76	SystematicInternaliser	Systematic Internaliser (SI). In the context of ESMA reporting, this is used to indicate whether the specified party is a Systematic Internaliser or not for the security defined in the Instrument component (Y/N).
77	PublishingEntityIndicator	Publishing entity indicator. Indicates the entity obligated or delegated to publish to the market. Set PartySubID(523)=Y if true.
78	FirstName	First name. The first name(s) of a natural person. If multiple names, separate entries by a comma.
79	Surname	Surname. The surname(s) or lastname(s) of a natural person. If multiple names, separate entries by a comma.

Code	Name	Description
80	DateOfBirth	Date of birth. The date of birth of a natural person in the format YYYYMMDD.
81	OrderTransmittingFirm	Order transmitting firm. Identifies whether the party specified in PartyID(448) is the firm that transmitted the order. In the context of RTS 22 Article 4, when "true" the PartySubID(523)=Y shall be set "by the transmitting firm within the transmitting firm's report where conditions for transmission specified in Article 4 were not satisfied."
82	OrderTransmittingFirmBuyer	Order transmitting firm for buyer. Identifies the firm that transmitted the order for the buyer. In the context of ESMA RTS 22, PartySubID(523)=Y is used to indicate the firm identified in PartyID(448) is the firm that transmitted the order for the buyer. "This shall be populated by the receiving firm within the receiving firm's report with the identification code provided by the transmitting firm."
83	OrderTransmitterSeller	Order transmitter for seller. Identifies the order transmitting firm for the seller. In the context of ESMA RTS 22, PartySubID(523)=Y is used to indicate the firm identified in PartyID(448) is the firm that transmitted the order for the seller. "This shall be populated by the receiving firm within the receiving firm's report with the identification code provided by the transmitting firm."
84	LegalEntityIdentifier	Legal Entity Identifier (ISO 17442) LEI
85	SubSectorClassification	Sub-sector classification. Supplemental to party sub-ID type "64" (Company activities) for regulatory reporting. For EU SFTR reporting use the appropriate 4-character code noted in the regulations applying the conditional association rules. See SFTR ITS "Commission Implementing Regulation (EU) 2019/363" Annexes 1 and 2 for values.
86	PartySide	Party side. May be used, when appropriate, to explicitly indicate the transaction side of the party, e.g. Buyer, Seller, Lender, Borrower, Maker, Taker, etc. in the ID. In the context of EU SFTR reporting, use values as required by SFTR, "GIVE" and "TAKE" in the ID, to identify collateral giver and taker.
87	LegalRegistrationCountry	Legal registration country. ISO Country Code where the registered office of the party is located as specified in the LEI reference data.

Used in groups: [RootSubParties](#)

**170.2.4696 RootSubParties**

Name	Mult.	Type	Description
NoRootPartySubIDs	[1..1]	NumInGroup	Repeating group of RootParty sub-identifiers.
RootPartySubID	[0..1]	String	Sub-identifier (e.g. Clearing Acct for PartyID=Clearing Firm) if applicable. Required if NoRootPartySubIDs > 0.
RootPartySubIDType	[0..1]	CodeSet	Type of Sub-identifier. Required if NoRootPartySubIDs > 0.

Used in groups: [RootParties](#)

**170.2.4697 RoundingDirection**

Specifies which direction to round For CIV - indicates whether or not the quantity of shares/units is to be rounded and in which direction where CashOrdQty (152) or (for CIV only) OrderPercent (516) are specified on an order.

The default is for rounding to be at the discretion of the executing broker or fund manager.

e.g. for an order specifying CashOrdQty or OrderPercent if the calculated number of shares/units was 325.76 and RoundingModulus (469) was 0 - "round down" would give 320 units, 1 - "round up" would give 330 units and "round to nearest" would give 320 units.

Type: [char](#)

Allowed values in RoundingDirectionCodeSet:

Code	Name	Description
0	RoundToNearest	Round to nearest
1	RoundDown	Round down
2	RoundUp	Round up

Used in components: [OrderQtyData](#)

**170.2.4698 RoundingModulus**

For CIV - a float value indicating the value to which rounding is required.

i.e. 0 means round to a multiple of 0 units/shares; 0.5 means round to a multiple of 0.5 units/shares.

The default, if RoundingDirection (468) is specified without RoundingModulus, is to round to a whole unit/share.

Type: **float**

Used in components: **OrderQtyData**

### **170.2.4699 RoundLot**

The trading lot size of a security

Type: **Qty**

Used in components: **BaseTradingRules**

### **170.2.4700 RoutingArrangementIndicator**

Indicates whether a routing arrangement is in place, e.g. between two brokers. May be used together with OrderOrigination(1724) to further describe the origin of an order.

Type: **int**

Allowed values in RoutingArrangementIndicatorCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	NoRoutingArrangementInPlace	No routing arrangement in place
1	RoutingArrangementInPlace	Routing arrangement in place

---

Used in groups: **SideCrossOrdModGrp**

Used in messages: **ExecutionReport, NewOrderSingle, OrderCancelReplaceRequest**

### **170.2.4701 RoutingGrp**

The RoutingGrp is used to allow the application message sender to instruct the intermediary distributing the message who to further send the application message to. The original sender may also instruct who is not allowed to receive the message. When provided, the routing instructions provided in this component are effective on a message by message basis.

---

Name	Mult.	Type	Description
NoRoutingIDs	[1..1]	NumInGroup	
RoutingType	[0..1]	CodeSet	Indicates type of RoutingID. Required if NoRoutingIDs is > 0.
RoutingID	[0..1]	String	Identifies routing destination. Required if NoRoutingIDs is > 0.

---

Used in messages: [Advertisement](#), [Email](#), [IOI](#), [MarketDataIncrementalRefresh](#), [MarketDataSnapshot-FullRefresh](#), [News](#), [Quote](#)

### 170.2.4702 RoutingID

Assigned value used to identify a specific routing destination.

Type: [String](#)

Used in groups: [RoutingGrp](#)

### 170.2.4703 RoutingType

Indicates the type of RoutingID (217) specified.

Type: [int](#)

Allowed values in RoutingTypeCodeSet:

---

Code	Name	Description
1	TargetFirm	Target Firm
2	TargetList	Target List
3	BlockFirm	Block Firm
4	BlockList	Block List
5	TargetPerson	Target Person
6	BlockPerson	Block Person

---

Used in groups: [RoutingGrp](#)

**170.2.4704 RptSeq**

Sequence number of message within report series. Used to carry reporting sequence number of the fill as represented on the Trade Report Side.

Type: **int**

Used in groups: **MDFullGrp**, **MDIncGrp**, **TrdCapRptAckSideGrp**, **TrdCapRptSideGrp**

Used in messages: **ListStatus**

**170.2.4705 RptSys**

Indicates the system or medium on which the report has been published

Type: **String**

Used in messages: **TradeCaptureReportAck**

**170.2.4706 Scope**

Specifies the market scope of the market data.

Type: **MultipleCharValue**

Allowed values in ScopeCodeSet:

---

Code	Name	Description
1	LocalMarket	Local Market (Exchange, ECN, ATS)
2	National	National
3	Global	Global

---

Used in groups: **MDFullGrp**, **MDIncGrp**

Used in messages: **MarketDataRequest**

**170.2.4707 SecAltIDGrp**

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Name	Mult.	Type	Description
<b>NoSecurityAltID</b>	[1..1]	NumInGroup	

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Name	Mult.	Type	Description
SecurityAltID	[0..1]	String	
SecurityAltIDSource	[0..1]	CodeSet	
SymbolPositionNumber	[0..1]	int	

Used in components: **Instrument**

### 170.2.4708 SecListGrp

Name	Mult.	Type	Description
NoRelatedSym	[1..1]	NumInGroup	Specifies the number of repeating symbols (instruments) specified
Instrument	[0..1]	Component	Insert here the set of "Instrument" (symbology) fields defined in "Common Components of Application Messages". of the requested Security
InstrumentExtension	[0..1]	Component	Insert here the set of "InstrumentExtension" fields defined in "Common Components of Application Messages"
SecurityClassificationGrp	[0..*]	Group	Used to specify forms of product classifications
FinancingDetails	[0..1]	Component	Insert here the set of "FinancingDetails" fields defined in "Common Components of Application Messages"
SecurityTradingRules	[0..1]	Component	Used to provide listing rules
StrikeRules	[0..*]	Group	Used to provide listing rules
UndInstrmtGrp	[0..*]	Group	
Currency	[0..1]	Currency	
CurrencyCodeSource	[0..1]	CodeSet	
Stipulations	[0..*]	Group	Insert here the set of "Stipulations" fields defined in "Common Components of Application Messages"
InstrmtLegSecListGrp	[0..*]	Group	
RelatedInstrumentGrp	[0..*]	Group	
SpreadOrBenchmarkCurveData	[0..1]	Component	Insert here the set of "SpreadOrBenchmarkCurveData" fields defined in "Common Components of Application Messages"
YieldData	[0..1]	Component	Insert here the set of "YieldData" fields defined in "Common Components of Application Messages"

Name	Mult.	Type	Description
PriceMovementGrp	[0..*]	Group	
RelSymTransactTime	[0..1]	UTCTimestamp	
NumOfSimpleInstruments	[0..1]	int	Number of simple instruments.
Text	[0..1]	String	Comment, instructions, or other identifying information.
EncodedTextLen	[0..1]	Length	Must be set if EncodedText field is specified and must immediately precede it.
EncodedText	[0..1]	data	Encoded (non-ASCII characters) representation of the Text field in the encoded format specified via the MessageEncoding field.

Used in messages: [SecurityList](#)

#### 170.2.4709 SecLstUpdRelSymGrp

Name	Mult.	Type	Description
NoRelatedSym	[1..1]	NumInGroup	Specifies the number of repeating symbols (instruments) specified
ListUpdateAction	[0..1]	CodeSet	
Instrument	[0..1]	Component	Insert here the set of "Instrument" (symbology) fields defined in "common components of application messages" of the requested Security
InstrumentExtension	[0..1]	Component	Insert here the set of " InstrumentExtension " fields defined in " COMMON COMPONENTS OF APPLICATION MESSAGES "
FinancingDetails	[0..1]	Component	Insert here the set of " FinancingDetails " fields defined in " COMMON COMPONENTS OF APPLICATION MESSAGES "
SecurityTradingRules	[0..1]	Component	
StrikeRules	[0..*]	Group	
UndInstrmtGrp	[0..*]	Group	
Currency	[0..1]	Currency	
CurrencyCodeSource	[0..1]	CodeSet	
Stipulations	[0..*]	Group	
SecLstUpdRelSymsLegGrp	[0..*]	Group	

Name	Mult.	Type	Description
RelatedInstrumentGrp	[0..*]	Group	
SpreadOrBenchmarkCurveData	[0..1]	Component	Insert here the set of " SpreadOrBenchmarkCurveData " fields defined in " COMMON COMPONENTS OF APPLICATION MESSAGES "
YieldData	[0..1]	Component	Insert here the set of " YieldData " fields defined in " COMMON COMPONENTS OF APPLICATION MESSAGES "
RelSymTransactTime	[0..1]	UTCTimestamp	
Text	[0..1]	String	Comment, instructions, or other identifying information.
EncodedTextLen	[0..1]	Length	Must be set if EncodedText field is specified and must immediately precede it.
EncodedText	[0..1]	data	Encoded (non-ASCII characters) representation of the Text field in the encoded format specified via the MessageEncoding field.

Used in messages: [SecurityListUpdateReport](#)

#### 170.2.4710 SecLstUpdRelSymsLegGrp

Name	Mult.	Type	Description
NoLegs	[1..1]	NumInGroup	Number of legs that make up the Security
InstrumentLeg	[0..1]	Component	Insert here the set of "Instrument Legs" (leg symbology) fields defined in "common components of application messages" Required if NoLegs > 0
LegSwapType	[0..1]	CodeSet	
LegSettlType	[0..1]	CodeSet	
LegStipulations	[0..*]	Group	Insert here the set of "LegStipulations" (leg symbology) fields defined in "common components of application messages" Required if NoLegs > 0
LegBenchmarkCurveData	[0..1]	Component	Insert here the set of "LegBenchmarkCurveData" (leg symbology) fields defined in "common components of application messages" Required if NoLegs > 0

Used in groups: [SecLstUpdRelSymGrp](#)

### 170.2.4711 SecMassStatGrp

Name	Mult.	Type	Description
<a href="#">NoRelatedSym</a>	[1..1]	NumInGroup	Number of exceptions with a trading status different from SecurityMassTradingStatus (1679).
<a href="#">Instrument</a>	[0..1]	Component	Insert here the set of "Instrument" (symbology) fields defined in "Common Components of Application Messages". Conditionally required if NoRelatedSym > 0.
<a href="#">InstrumentExtension</a>	[0..1]	Component	Insert here the set of "InstrumentExtension" fields defined in "Common Components of Application Messages".
<a href="#">FinancingDetails</a>	[0..1]	Component	
<a href="#">UndInstrmtGrp</a>	[0..*]	Group	
<a href="#">InstrmtLegGrp</a>	[0..*]	Group	
<a href="#">RelatedInstrumentGrp</a>	[0..*]	Group	
<a href="#">SecurityTradingStatus</a>	[0..1]	CodeSet	Conditionally required if NoRelatedSym > 0.
<a href="#">SecurityTradingEvent</a>	[0..1]	CodeSet	
<a href="#">HaltReason</a>	[0..1]	CodeSet	
<a href="#">FinancialStatus</a>	[0..1]	CodeSet	
<a href="#">CorporateAction</a>	[0..1]	CodeSet	
<a href="#">Text</a>	[0..1]	String	Comment, instructions, or other identifying information.
<a href="#">EncodedTextLen</a>	[0..1]	Length	Must be set if EncodedText field is specified and must immediately precede it.
<a href="#">EncodedText</a>	[0..1]	data	Encoded (non-ASCII characters) representation of the Text field in the encoded format specified via the MessageEncoding field.

Used in messages: [SecurityMassStatus](#)

### 170.2.4712 SecondaryAllocID

Secondary allocation identifier. Unlike the AllocID (70), this can be shared across a number of allocation instruction or allocation report messages, thereby making it possible to pass an identifier for an original

allocation message on multiple messages (e.g. from one party to a second to a third, across cancel and replace messages etc.).

Type: **String**

Used in components: **SettlTradeDetails**

Used in messages: **AllocationInstruction, AllocationInstructionAck, AllocationInstructionAlert, AllocationReport, AllocationReportAck, Confirmation, ConfirmationRequest**

### **170.2.4713 SecondaryAssetClass**

The broad asset category for assessing risk exposure for a multi-asset trade.

Type: **int**

Allowed values in AssetClassCodeSet:

<b>Code</b>	<b>Name</b>	<b>Description</b>
1	InterestRate	Interest rate
2	Currency	Currency
3	Credit	Credit
4	Equity	Equity
5	Commodity	Commodity
6	Other	Other
7	Cash	Cash
8	Debt	Debt
9	Fund	Fund. Such as mutual fund, collective investment vehicle, investment program, specialized account program.
10	LoanFacility	Loan facility
11	Index	Index. A main index identified as a security type, for example under EU SFTR reporting.

Used in groups: **SecondaryAssetGrp**

### **170.2.4714 SecondaryAssetGrp**

SecondaryAssetGrp is a repeating subcomponent of the Instrument component used to specify secondary assets of a multi-asset swap.

Name	Mult.	Type	Description
NoSecondaryAssetClasses	[1..1]	NumInGroup	
SecondaryAssetClass	[0..1]	CodeSet	Required if NoSecondaryAssetClasses(1976) > 0.
SecondaryAssetSubClass	[0..1]	CodeSet	Required if SecondaryAssetType(1979) is specified.
SecondaryAssetType	[0..1]	String	Required if SecondaryAssetSubType(2741) is specified.
SecondaryAssetSubType	[0..1]	String	

Used in components: **Instrument**

### 170.2.4715 SecondaryAssetSubClass

An indication of the general description of the asset class.

Type: **int**

Allowed values in AssetSubClassCodeSet:

Code	Name	Description
1	SingleCurrency	Single currency
2	CrossCurrency	Cross currency
3	Basket	Basket [for multi-currency]
4	SingleName	Single name
5	CreditIndex	Credit index
6	IndexTranche	Index tranche
7	CreditBasket	Credit basket
8	Exotic	Exotic
9	Common	Common
10	Preferred	Preferred
11	EquityIndex	Equity index
12	EquityBasket	Equity basket
13	Metals	Metals
14	Bullion	Bullion
15	Energy	Energy
16	CommodityIndex	Commodity index

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
17	Agricultural	Agricultural
18	Environmental	Environmental
19	Freight	Freight
20	Government	Government
21	Agency	Agency
22	Corporate	Corporate
23	Financing	Financing
24	MoneyMarket	Money market
25	Mortgage	Mortgage
26	Municipal	Municipal
27	MutualFund	Mutual fund
28	CollectiveInvestmentVehicle	Collective investment vehicle
29	InvestmentProgram	Investment program. A generalized fund for major investors.
30	SpecializedAccountProgram	Specialized account program. A specialized fund setup for a particular account or group of accounts.
31	TermLoan	Term loan
32	BridgeLoan	Bridge loan
33	LetterOfCredit	Letter of credit
34	DividendIndex	Dividend index
35	StockDividend	Stock dividend
36	ExchangeTradedFund	Exchange traded fund
37	VolatilityIndex	Volatility index
38	FXCrossRates	FX cross rates
39	FXEmergingMarkets	FX emerging markets
40	FXMajors	FX Majors
41	Fertilizer	Fertilizer
42	IndustrialProduct	Industrial product
43	Inflation	Inflation
44	Paper	Paper
45	Polypropylene	Polypropylene
46	OfficialEconomicStatistics	Official economic statistics

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Code	Name	Description
47	OtherC10	Other C10. Defined under MiFID II (Directive 2014/65/EU) Section C(10) of Annex I and paraphrased in ESMA RTS 2 Annex III Section 10, "Other C10" is a financial instrument "which is not a 'Freight derivative', any of the following interest rate derivatives sub-asset classes: 'Inflation multi-currency swap or cross-currency swap', a 'Future/forward on inflation multi-currency swaps or cross-currency swaps', an 'Inflation single currency swap', a 'Future/forward on inflation single currency swap' and any of the following equity derivatives sub-asset classes: a 'Volatility index option', a 'Volatility index future/forward', a swap with parameter return variance, a swap with parameter return volatility, a portfolio swap with parameter return variance, a portfolio swap with parameter return volatility".
48	Other	Other. May be used with any AssetClass(1938) values.

Used in groups: [SecondaryAssetGrp](#)

#### 170.2.4716 SecondaryAssetSubType

Used to provide a more specific description of the asset specified in SecondaryAssetType(1979).

See <https://www.fixtrading.org/codelists/AssetSubType> for code list of applicable values.

Type: [String](#)

Used in groups: [SecondaryAssetGrp](#)

#### 170.2.4717 SecondaryAssetType

Used to provide more specific description of the asset specified in SecondaryAssetSubClass(1978).

See <https://www.fixtrading.org/codelists/AssetType> for code list of applicable values. ISO 4721 Currency Code values are to be used when specific currency as an asset type is to be expressed.

Other values may be used by mutual agreement of the counterparties.

Type: [String](#)

Used in groups: [SecondaryAssetGrp](#)



**170.2.4718 SecondaryClOrdID**

Assigned by the party which originates the order. Can be used to provide the ClOrdID (11) used by an exchange or executing system.

Type: **String**

Used in components: **TradeReportOrderDetail**

Used in groups: **InstrmtStrkPxGrp, ListOrdGrp, OrdAllocGrp, OrdListStatGrp, SideCrossOrdCxlGrp, SideCrossOrdModGrp**

Used in messages: **CollateralAssignment, CollateralInquiry, CollateralInquiryAck, CollateralReport, CollateralRequest, CollateralResponse, ExecutionReport, MultilegOrderCancelReplace, NewOrder-Multileg, NewOrderSingle, OrderCancelReject, OrderCancelReplaceRequest, OrderCancelRequest, OrderMassActionReport, OrderMassActionRequest, OrderMassCancelReport, OrderMassCancelRequest, OrderStatusRequest**

**170.2.4719 SecondaryDisplayQty**

Used for reserve orders when DisplayQty applies to the primary execution market (e.g. an ECN) and another quantity is to be shown at other markets (e.g. the exchange). On orders specifies the qty to be displayed, on execution reports the currently displayed quantity.

Type: **Qty**

Used in components: **DisplayInstruction**

**170.2.4720 SecondaryExecID**

Assigned by the party which accepts the order. Can be used to provide the ExecID (17) used by an exchange or executing system.

Type: **String**

Used in groups: **ExecAllocGrp**

Used in messages: **ExecutionReport, TradeCaptureReport, TradeCaptureReportAck, TradeCaptureReportRequest**

**170.2.4721 SecondaryFirmTradeID**

Used to carry an internal firm assigned ID which may or may not be reported to the exchange or central counterparty

Type: **String**

Used in messages: **TradeCaptureReport**, **TradeCaptureReportAck**, **TradeCaptureReportRequest**, **TradeCaptureReportRequestAck**

#### **170.2.4722 SecondaryHighLimitPrice**

Refer to definition of HighLimitPrice(1149)

Type: **Price**

Used in components: **SecondaryPriceLimits**

#### **170.2.4723 SecondaryIndividualAllocID**

Will allow the intermediary to specify an allocation ID generated by their system.

Type: **String**

Used in groups: **AllocAckGrp**, **AllocGrp**, **TrdAllocGrp**

#### **170.2.4724 SecondaryLockedQty**

Locked order quantity in addition to LockedQty (1808), e.g. to distinguish total locked quantity from currently locked quantity.

Type: **Qty**

Used in messages: **ExecutionReport**

#### **170.2.4725 SecondaryLowLimitPrice**

Refer to definition of LowLimitPrice(1148)

Type: **Price**

Used in components: **SecondaryPriceLimits**

#### **170.2.4726 SecondaryOrderID**

Assigned by the party which accepts the order. Can be used to provide the OrderID (37) used by an exchange or executing system.

Type: **String**

Used in components: **TradeReportOrderDetail**

Used in groups: **MDFullGrp, MDIncGrp, OrdAllocGrp**

Used in messages: **CollateralAssignment, CollateralInquiry, CollateralInquiryAck, CollateralReport, CollateralRequest, CollateralResponse, DontKnowTrade, ExecutionAck, ExecutionReport, OrderCancelReject, OrderMassCancelReport**

### **170.2.4727 SecondaryPriceLimits**

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<b>Name</b>	<b>Mult.</b>	<b>Type</b>	<b>Description</b>
<b>SecondaryPriceLimitType</b>	[0..1]	CodeSet	
<b>SecondaryLowLimitPrice</b>	[0..1]	Price	
<b>SecondaryHighLimitPrice</b>	[0..1]	Price	
<b>SecondaryTradingReferencePrice</b>	[0..1]	Price	

---

Used in groups: **RelSymDerivSecGrp, RelSymDerivSecUpdGrp**

### **170.2.4728 SecondaryPriceLimitType**

Describes the how the price limits are expressed

Type: **int**

Allowed values in PriceLimitTypeCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	Price	Price (default)
1	Ticks	Ticks
2	Percentage	Percentage

---

Used in components: **SecondaryPriceLimits**

### **170.2.4729 SecondaryQuoteID**

Assigned by the party which accepts the quote. Can be used to provide the quote identifier assigned by an exchange, marketplace or executing system.

Type: **String**

Used in groups: **QuotReqGrp**

Used in messages: **Quote, QuoteAck, QuoteCancel, QuoteStatusReport**

### **170.2.4730 SecondaryServiceLocationID**

Secondary or alternate service location identifier.

Type: **String**

Used in groups: **MarketDataFeedTypes**

### **170.2.4731 SecondaryTradeID**

Used to carry an internal trade entity ID which may or may not be reported to the firm

Type: **String**

Used in messages: **TradeCaptureReport, TradeCaptureReportAck, TradeCaptureReportRequest, TradeCaptureReportRequestAck**

### **170.2.4732 SecondaryTradeReportID**

Secondary trade report identifier - can be used to associate an additional identifier with a trade.

Type: **String**

Used in groups: **TrdCollGrp**

Used in messages: **TradeCaptureReport, TradeCaptureReportAck, TradeCaptureReportRequest**

### **170.2.4733 SecondaryTradeReportRefID**

Used to refer to a previous SecondaryTradeReportRefID when amending the transaction (cancel, replace, release, or reversal).

Type: **String**

Used in messages: **TradeCaptureReport, TradeCaptureReportAck**

**170.2.4734 SecondaryTradingReferencePrice**

Refer to definition for TradingReferencePrice(1150)

Type: **Price**

Used in components: **SecondaryPriceLimits**

**170.2.4735 SecondaryTrdType**

Type of trade assigned to a trade. Used in addition to TrdType(828). Must not be used when only one trade type needs to be assigned.

Type: **int**

Allowed values in TrdTypeCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	RegularTrade	Regular trade
1	BlockTrade	Block trade
2	EFP	Exchange for physical (EFP)
3	Transfer	Transfer
4	LateTrade	Late trade
5	TTrade	T trade
6	WeightedAveragePriceTrade	Weighted average price trade
7	BunchedTrade	Bunched trade
8	LateBunchedTrade	Late bunched trade
9	PriorReferencePriceTrade	Prior reference price trade
10	AfterHoursTrade	After hours trade
11	ExchangeForRisk	Exchange for risk (EFR)
12	ExchangeForSwap	Exchange for swap (EFS)
13	ExchangeOfFuturesFor	Exchange of futures for in market futures (EFM). For example full sized for mini.
14	ExchangeOfOptionsForOptions	Exchange of options for options (EOO)
15	TradingAtSettlement	Trading at settlement
16	AllOrNone	All or none
17	FuturesLargeOrderExecution	Futures large order execution
18	ExchangeOfFuturesForFutures	Exchange of futures for external market futures (EFF)
19	OptionInterimTrade	Option interim trade

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
20	OptionCabinetTrade	Option cabinet trade
22	PrivatelyNegotiatedTrades	Privately negotiated trade
23	SubstitutionOfFuturesForForwards	Substitution of futures for forwards
24	ErrorTrade	Error trade
25	SpecialCumDividend	Special cum dividend (CD)
26	SpecialExDividend	Special ex dividend (XD)
27	SpecialCumCoupon	Special cum coupon (CC)
28	SpecialExCoupon	Special ex coupon (XC)
29	CashSettlement	Cash settlement (CS)
30	SpecialPrice	Special price (SP). Usually net or all-in price.
31	GuaranteedDelivery	Guaranteed delivery (GD)
32	SpecialCumRights	Special cum rights (CR)
33	SpecialExRights	Special ex rights (XR)
34	SpecialCumCapitalRepayments	Special cum capital repayments (CP)
35	SpecialExCapitalRepayments	Special ex capital repayments (XP)
36	SpecialCumBonus	Special cum bonus (CB)
37	SpecialExBonus	Special ex bonus (XB)
38	LargeTrade	Block trade. The same as large trade.
39	WorkedPrincipalTrade	Worked principal trade
40	BlockTrades	Block trades
41	NameChange	Name change
42	PortfolioTransfer	Portfolio transfer
43	ProrogationBuy	Prorogation buy. Used by Euronext Paris only. Is used to defer settlement under French SRD (deferred settlement system). Trades must be reported as crosses at zero price.
44	ProrogationSell	Prorogation sell. See prorogation buy.
45	OptionExercise	Option exercise
46	DeltaNeutralTransaction	Delta neutral transaction
47	FinancingTransaction	Financing transaction
48	NonStandardSettlement	Non-standard settlement
49	DerivativeRelatedTransaction	Derivative related transaction

Code	Name	Description
50	PortfolioTrade	Portfolio trade. Identifies a collection/basket of trades. In the context of bonds (e.g. corporate bonds) these are transacted as a single trade at an aggregate price for the entire portfolio and may be traded all-or-none or most-or-none depending on bilateral agreement. In the context of ESMA RTS 1 Article 2(b), may be used to refer to portfolio trades to distinguish between addressable and non-addressable volume. In the context of Market Model Typology (MMT), use of this value applies to SecondaryTrdType(855) or TertiaryTrdType(2896), and when used for MMT market data publication requires MDEntryType(269) = 2 (Trade).
51	VolumeWeightedAverageTrade	Volume weighted average trade
52	ExchangeGrantedTrade	Exchange granted trade
53	RepurchaseAgreement	Repurchase agreement
54	OTC	OTC. Trade executed off-market. In the context of CFTC regulatory reporting for swaps, it is a large notional off-facility swap. In the context of MiFID transparency reporting rules this is used to report, into an exchange, deals made outside exchange rules.
55	ExchangeBasisFacility	Exchange basis facility (EBF)
56	OpeningTrade	Opening trade. Identifies a trade that resulted from the opening of a market. In the context of IIROC, this indicates a trade that occurred at the opening or the first trade of the day for a security.
57	NettedTrade	Netted trade
58	BlockSwapTrade	Block swap trade. Block trade executed off-market or on a registered market. In the context of CFTC regulatory reporting for swaps, it is a swap executed according to SEF or DCM rules.
59	CreditEventTrade	Credit event trade
60	SuccessionEventTrade	Succession event trade
61	GiveUpGiveInTrade	Give-up Give-in trade
62	DarkTrade	Dark trade. In the context of Market Model Typology (MMT), a dark trade might also come from a lit/hybrid book (e.g. when an aggressive lit order hits a resting dark order). The use of this value applies to TrdType(828), and when used for MMT market data publication requires MDEntryType(269) = 2 (Trade).
63	TechnicalTrade	Technical trade

Code	Name	Description
64	Benchmark	Benchmark. In the context of ESMA RTS 1 Article 2(a), may be used to refer to benchmark trades. In the context of Market Model Typology (MMT), the "benchmark" price depends on a benchmark which has no current price but was derived from a time series such as a VWAP. The use of this value applies to SecondaryTrdType(855) or TertiaryTrdType(2896), and when used for MMT market data publication requires MDEntryType(269) = 2 (Trade).
65	PackageTrade	Package trade. May be used to identify the pseudo-trade of a stream or collection of trades to be transacted, cleared and be reported as an atomic unit. In the context of MiFIR RTS 1, this is the "CONT" flag. In the context of MiFIR RTS 2 Article 1(1)(b), may be used to refer to package transactions (excluding exchange for physicals). In the context of Market Model Typology (MMT), use of this value applies to SecondaryTrdType(855) or TertiaryTrdType(2896), and when used for MMT market data publication requires MDEntryType(269) = 2 (Trade).
66	RollTrade	Roll trade. Trade is a roll from one contract that is about to expire to a new contract.
67	ClosingPriceTrade	Closing price trade. Identifies a trade that uses the closing price of a market without resulting from the closing of this market. In the context of FCA policy statement PS23/4, this indicates a benchmark transaction executed using the market closing price and is the "CLSE" flag.

Used in groups: [MDFullGrp](#), [MDIncGrp](#)

Used in messages: [AllocationInstruction](#), [AllocationInstructionAlert](#), [AllocationReport](#), [Confirmation](#), [ExecutionReport](#), [TradeCaptureReport](#), [TradeCaptureReportAck](#), [TradeCaptureReportRequest](#)

### 170.2.4736 SecSizesGrp

Name	Mult.	Type	Description
<a href="#">NoOfSecSizes</a>	[1..1]	NumInGroup	Number of entries following. Conditionally required when MDUpdateAction = New(0) and MDEntryType = Bid(0) or Offer(1).



Name	Mult.	Type	Description
MDSecSizeType	[0..1]	CodeSet	Defines the type of secondary size specified in MDSecSize(1179). Must be first field in this repeating group
MDSecSize	[0..1]	Qty	

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Used in groups: [MDFullGrp](#), [MDIncGrp](#)

### 170.2.4737 SecTypesGrp

Name	Mult.	Type	Description
NoSecurityTypes	[1..1]	NumInGroup	
SecurityType	[0..1]	CodeSet	Required if NoSecurityTypes > 0
SecuritySubType	[0..1]	String	
Product	[0..1]	CodeSet	
CFICode	[0..1]	String	
UPICode	[0..1]	String	
TransactTime	[0..1]	UTCTimestamp	

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Used in messages: [SecurityTypes](#)

### 170.2.4738 SecureData

Actual encrypted data stream

Type: [data](#)

Used in components: [StandardHeader](#)

### 170.2.4739 SecureDataLen

Length of encrypted message

Type: [Length](#)

Used in components: [StandardHeader](#)

**170.2.4740 SecurityAltID**

Alternate Security identifier value for this security of SecurityAltIDSource (456) type (e.g. CUSIP, SEDOL, ISIN, etc). Requires SecurityAltIDSource.

Type: **String**

Used in groups: **SecAltIDGrp**

**170.2.4741 SecurityAltIDSource**

Identifies class or source of the SecurityAltID(455) value.

Type: **String**

Allowed values in SecurityIDSourceCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
1	CUSIP	CUSIP
2	SEDOL	SEDOL
3	QUIK	QUIK
4	ISINNumber	ISIN
5	RICCode	RIC
6	ISOCurrencyCode	ISO Currency Code (ISO 4217)
7	ISOCountryCode	ISO Country Code
8	ExchangeSymbol	Exchange symbol
9	ConsolidatedTapeAssociation	Consolidated Tape Association (CTA) Symbol (SIAC CTS/CQS line format)
A	BloombergSymbol	Bloomberg Symbol
B	Wertpapier	Wertpapier
C	Dutch	Dutch
D	Valoren	Valoren
E	Sicovam	Sicovam
F	Belgian	Belgian
G	Common	"Common" (Clearstream and Euroclear)
H	ClearingHouse	Clearing house / Clearing organization
I	ISDAFpMLSpecification	ISDA/FpML product specification (XML in SecurityXML(1185))
J	OptionPriceReportingAuthority	Option Price Reporting Authority
K	ISDAFpMLURL	ISDA/FpML product URL (URL in SecurityID(48))

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Code	Name	Description
L	LetterOfCredit	Letter of credit
M	MarketplaceAssignedIdentifier	Marketplace-assigned Identifier
N	MarkitREDEntityCLIP	Markit RED entity CLIP
P	MarkitREDPairCLIP	Markit RED pair CLIP
Q	CFTCCommodityCode	CFTC commodity code
R	ISDACommodityReferencePrice	ISDA Commodity Reference Price
S	FinancialInstrumentGlobalIdentifier	Financial Instrument Global Identifier. An Object Management Group (OMG) standard. Also referred to as FIGI. Formerly known as "Bloomberg Open Symbology BBGID".
T	LegalEntityIdentifier	Legal entity identifier
U	Synthetic	Synthetic. Used to specify that the security identifier is synthetic for linking nested underliers when there is no market identifier for the collection.
V	FidessaInstrumentMnemonic	Fidessa Instrument Mnemonic (FIM)
W	IndexName	Index name. Standard name of the index or rate index, e.g. "LIBOR" or "iTraxx Australia".
X	UniformSymbol	Uniform Symbol (UMTF Symbol)
Y	DigitalTokenIdentifier	Digital Token Identifier (ISO 24165)

Used in groups: [SecAltIDGrp](#)

### 170.2.4742 SecurityClassificationGrp

Name	Mult.	Type	Description
<a href="#">NoSecurityClassifications</a>	[1..1]	NumInGroup	
<a href="#">SecurityClassificationReason</a>	[0..1]	CodeSet	Conditionally required if NoSecurityClassifications > 0.
<a href="#">SecurityClassificationValue</a>	[0..1]	String	

Used in components: [DerivativeSecurityDefinition](#)

Used in groups: [SecListGrp](#)

Used in messages: [SecurityDefinition](#)

**170.2.4743 SecurityClassificationReason**

Allows classification of instruments according to a set of high level reasons. Classification reasons describe the classes in which the instrument participates.

Type: **int**

Allowed values in SecurityClassificationReasonCodeSet:

Code	Name	Description
0	Fee	Fee
1	CreditControls	Credit Controls
2	Margin	Margin
3	EntitlementOrEligibility	Entitlement / Eligibility
4	MarketData	Market Data
5	AccountSelection	Account Selection
6	DeliveryProcess	Delivery Process
7	Sector	Sector

Used in groups: **SecurityClassificationGrp**

**170.2.4744 SecurityClassificationValue**

Specifies the product classification value which further details the manner in which the instrument participates in the class.

Type: **String**

Used in groups: **SecurityClassificationGrp**

**170.2.4745 SecurityDesc**

Can be used by the venue or one of the trading parties to provide a non-normative textual description for the financial instrument.

Type: **String**

Used in components: **Instrument**

**170.2.4746 SecurityExchange**

Market used to help identify a security.

Valid values:

See "Appendix 6-C"

Type: **Exchange**

Used in components: **Instrument**

Used in groups: **TrdSessLstGrp**

Used in messages: **TradingSessionListRequest, TradingSessionStatusRequest**

**170.2.4747 SecurityGroup**

An exchange specific name assigned to a group of related securities which may be concurrently affected by market events and actions.

Type: **String**

Used in components: **Instrument**

**170.2.4748 SecurityID**

Security identifier value of SecurityIDSource (22) type (e.g. CUSIP, SEDOL, ISIN, etc). Requires SecurityIDSource.

Type: **String**

Used in components: **Instrument**

**170.2.4749 SecurityIDSource**

Identifies class or source of the SecurityID(48) value.

Type: **String**

Allowed values in SecurityIDSourceCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
1	CUSIP	CUSIP

---

Code	Name	Description
2	SEDOL	SEDOL
3	QUIK	QUIK
4	ISINNumber	ISIN
5	RICCode	RIC
6	ISOCurrencyCode	ISO Currency Code (ISO 4217)
7	ISOCountryCode	ISO Country Code
8	ExchangeSymbol	Exchange symbol
9	ConsolidatedTapeAssociation	Consolidated Tape Association (CTA) Symbol (SIAC CTS/CQS line format)
A	BloombergSymbol	Bloomberg Symbol
B	Wertpapier	Wertpapier
C	Dutch	Dutch
D	Valoren	Valoren
E	Sicovam	Sicovam
F	Belgian	Belgian
G	Common	"Common" (Clearstream and Euroclear)
H	ClearingHouse	Clearing house / Clearing organization
I	ISDAFpMLSpecification	ISDA/FpML product specification (XML in SecurityXML(1185))
J	OptionPriceReportingAuthority	Option Price Reporting Authority
K	ISDAFpMLURL	ISDA/FpML product URL (URL in SecurityID(48))
L	LetterOfCredit	Letter of credit
M	MarketplaceAssignedIdentifier	Marketplace-assigned Identifier
N	MarkitREDEntityCLIP	Markit RED entity CLIP
P	MarkitREDPairCLIP	Markit RED pair CLIP
Q	CFTCCommodityCode	CFTC commodity code
R	ISDACommodityReferencePrice	ISDA Commodity Reference Price
S	FinancialInstrumentGlobalIdentifier	Financial Instrument Global Identifier. An Object Management Group (OMG) standard. Also referred to as FIGI. Formerly known as "Bloomberg Open Symbology BBGID".
T	LegalEntityIdentifier	Legal entity identifier
U	Synthetic	Synthetic. Used to specify that the security identifier is synthetic for linking nested underliers when there is no market identifier for the collection.
V	FidessaInstrumentMnemonic	Fidessa Instrument Mnemonic (FIM)
W	IndexName	Index name. Standard name of the index or rate index, e.g. "LIBOR" or "iTraxx Australia".

---

Code	Name	Description
X	UniformSymbol	Uniform Symbol (UMTF Symbol)
Y	DigitalTokenIdentifier	Digital Token Identifier (ISO 24165)

---

Used in components: [Instrument](#)

### **170.2.4750 SecurityListDesc**

Specifies a description or name of a Security List.

Type: [String](#)

Used in messages: [SecurityList](#), [SecurityListUpdateReport](#)

### **170.2.4751 SecurityListID**

Specifies an identifier for a Security List

Type: [String](#)

Used in messages: [MarketDataStatisticsReport](#), [MarketDataStatisticsRequest](#), [SecurityList](#), [SecurityListRequest](#), [SecurityListUpdateReport](#), [SecurityMassStatus](#), [SecurityMassStatusRequest](#)

### **170.2.4752 SecurityListRefID**

Specifies a reference from one Security List to another. Used to support a hierarchy of Security Lists.

Type: [String](#)

Used in messages: [SecurityList](#), [SecurityListUpdateReport](#)

### **170.2.4753 SecurityListRequestType**

Identifies the type/criteria of Security List Request

Type: [int](#)

Allowed values in SecurityListRequestTypeCodeSet:

Code	Name	Description
0	Symbol	Symbol
1	SecurityTypeAnd	SecurityType and/or CFICode
2	Product	Product
3	TradingSessionID	TradingSessionID
4	AllSecurities	All Securities
5	MarketIDOrMarketID	MarketID or MarketID + MarketSegmentID

Used in messages: [DerivativeSecurityListRequest](#), [SecurityListRequest](#)

### 170.2.4754 SecurityListType

Specifies a type of Security List.

Type: [int](#)

Allowed values in SecurityListTypeCodeSet:

Code	Name	Description
1	IndustryClassification	Industry Classification
2	TradingList	Trading List
3	Market	Market / Market Segment List
4	NewspaperList	Newspaper List

Used in messages: [SecurityList](#), [SecurityListRequest](#), [SecurityListUpdateReport](#)

### 170.2.4755 SecurityListTypeSource

Specifies a specific source for a SecurityListType. Relevant when a certain type can be provided from various sources.

Type: [int](#)

Allowed values in SecurityListTypeSourceCodeSet:



Code	Name	Description
1	ICB	ICB (Industry Classification Benchmark) published by Dow Jones and FTSE - <a href="http://www.icbenchmark.com">www.icbenchmark.com</a>
2	NAICS	NAICS (North American Industry Classification System). Replaced SIC (Standard Industry Classification) <a href="http://www.census.gov/naics">www.census.gov/naics</a> or <a href="http://www.naics.com">www.naics.com</a> .
3	GICS	GICS (Global Industry Classification Standard) published by Standards & Poor

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Used in messages: [SecurityList](#), [SecurityListRequest](#), [SecurityListUpdateReport](#)

### 170.2.4756 SecurityMassTradingEvent

Identifies an event related to the mass trading status.

Type: [int](#)

Allowed values in SecurityTradingEventCodeSet:

Code	Name	Description
1	OrderImbalance	Order imbalance, auction is extended
2	TradingResumes	Trading resumes (after Halt)
3	PriceVolatilityInterruption	Price Volatility Interruption
4	ChangeOfTradingSession	Change of Trading Session
5	ChangeOfTradingSubsession	Change of Trading Subsession
6	ChangeOfSecurityTradingStatus	Change of Security Trading Status
7	ChangeOfBookType	Change of Book Type
8	ChangeOfMarketDepth	Change of Market Depth
9	CorporateAction	Corporate action

---

Used in messages: [SecurityMassStatus](#)

### 170.2.4757 SecurityMassTradingStatus

Identifies the trading status applicable to a group of instruments.

Type: [int](#)

## Allowed values in SecurityTradingStatusCodeSet:

<b>Code</b>	<b>Name</b>	<b>Description</b>
1	OpeningDelay	Opening delay
2	TradingHalt	Trading halt
3	Resume	Resume
4	NoOpen	No Open / No Resume
5	PriceIndication	Price indication
6	TradingRangeIndication	Trading Range Indication
7	MarketImbalanceBuy	Market Imbalance Buy
8	MarketImbalanceSell	Market Imbalance Sell
9	MarketOnCloseImbalanceBuy	Market on Close Imbalance Buy
10	MarketOnCloseImbalanceSell	Market on Close Imbalance Sell
12	NoMarketImbalance	No Market Imbalance
13	NoMarketOnCloseImbalance	No Market on Close Imbalance
14	ITSPreOpening	ITS Pre-opening
15	NewPriceIndication	New Price Indication
16	TradeDisseminationTime	Trade Dissemination Time
17	ReadyToTrade	Ready to trade (start of session)
18	NotAvailableForTrading	Not available for trading (end of session)
19	NotTradedOnThisMarket	Not traded on this market
20	UnknownOrInvalid	Unknown or Invalid
21	PreOpen	Pre-open
22	OpeningRotation	Opening Rotation
23	FastMarket	Fast Market
24	PreCross	Pre-Cross - system is in a pre-cross state allowing market to respond to either side of cross
25	Cross	Cross - system has crossed a percentage of the orders and allows market to respond prior to crossing remaining portion
26	PostClose	Post-close
27	NoCancel	No-cancel

Used in messages: [SecurityMassStatus](#)

**170.2.4758 SecurityReferenceDataSupplement**

May be used to generically assist in disambiguating an instrument where the security identifier and core reference data attributes are not sufficient to uniquely identify the instrument. The values used are bilaterally agreed.

Type: **String**

Used in components: **Instrument**

**170.2.4759 SecurityRejectReason**

Identifies the reason a security definition request is being rejected.

Type: **int**

Allowed values in SecurityRejectReasonCodeSet:

Code	Name	Description
1	InvalidInstrumentRequested	Invalid instrument requested
2	InstrumentAlreadyExists	Instrument already exists
3	RequestTypeNotSupported	Request type not supported
4	SystemUnavailableForInstrumentCreation	System unavailable for instrument creation
5	IneligibleInstrumentGroup	Ineligible instrument group
6	InstrumentIDUnavailable	Instrument ID unavailable
7	InvalidOrMissingDataOnOptionLeg	Invalid or missing data on option leg
8	InvalidOrMissingDataOnFutureLeg	Invalid or missing data on future leg
10	InvalidOrMissingDataOnFXLeg	Invalid or missing data on FX leg
11	InvalidLegPriceSpecified	Invalid leg price specified
12	InvalidInstrumentStructureSpecified	Invalid instrument structure specified

Used in messages: **DerivativeSecurityList, SecurityDefinition, SecurityList**

**170.2.4760 SecurityReportID**

Identifies a Security List message.

Type: **int**

Used in messages: [DerivativeSecurityList](#), [SecurityDefinition](#), [SecurityDefinitionUpdateReport](#), [SecurityList](#), [SecurityListUpdateReport](#)

### **170.2.4761 SecurityReqID**

Unique ID of a Security Definition Request.

Type: [String](#)

Used in messages: [DerivativeSecurityList](#), [DerivativeSecurityListRequest](#), [DerivativeSecurityListUpdateReport](#), [SecurityDefinition](#), [SecurityDefinitionRequest](#), [SecurityDefinitionUpdateReport](#), [SecurityList](#), [SecurityListRequest](#), [SecurityListUpdateReport](#), [SecurityTypeRequest](#), [SecurityTypes](#)

### **170.2.4762 SecurityRequestResult**

The results returned to a Security Request message

Type: [int](#)

Allowed values in SecurityRequestResultCodeSet:

Code	Name	Description
0	ValidRequest	Valid request
1	InvalidOrUnsupportedRequest	Invalid or unsupported request
2	NoInstrumentsFound	No instruments found that match selection criteria
3	NotAuthorizedToRetrieveInstrumentData	Not authorized to retrieve instrument data
4	InstrumentDataTemporarilyUnavailable	Instrument data temporarily unavailable
5	RequestForInstrumentDataNotSupported	Request for instrument data not supported

Used in messages: [DerivativeSecurityList](#), [DerivativeSecurityListUpdateReport](#), [SecurityDefinition](#), [SecurityList](#), [SecurityListUpdateReport](#)

### **170.2.4763 SecurityRequestType**

Type of Security Definition Request.

Type: [int](#)

Allowed values in SecurityRequestTypeCodeSet:

Code	Name	Description
0	RequestSecurityIdentityAndSpecifications	Request Security identity and specifications
1	RequestSecurityIdentityForSpecifications	Request Security identity for the specifications provided (name of the security is not supplied)
2	RequestListSecurityTypes	Request List Security Types
3	RequestListSecurities	Request List Securities (can be qualified with Symbol, SecurityType, TradingSessionID, SecurityExchange. If provided then only list Securities for the specific type.)
4	Symbol	Symbol
5	SecurityTypeAndOrCFICode	SecurityType and or CFICode
6	Product	Product
7	TradingSessionID	TradingSessionID
8	AllSecurities	All Securities
9	MarketIDOrMarketID	MarketID or MarketID + MarketSegmentID

Used in messages: [SecurityDefinitionRequest](#)

#### **170.2.4764 SecurityResponseID**

Unique ID of a Security Definition message.

Type: [String](#)

Used in messages: [DerivativeSecurityList](#), [DerivativeSecurityListUpdateReport](#), [SecurityDefinition](#), [SecurityDefinitionUpdateReport](#), [SecurityList](#), [SecurityListUpdateReport](#), [SecurityTypes](#)

#### **170.2.4765 SecurityResponseType**

Type of Security Definition message response.

Type: [int](#)

Allowed values in SecurityResponseTypeCodeSet:

Code	Name	Description
1	AcceptAsIs	Accept security proposal as-is
2	AcceptWithRevisions	Accept security proposal with revisions as indicated in the message
3	ListOfSecurityTypesReturnedPerRequest	List of security types returned per request
4	ListOfSecuritiesReturnedPerRequest	List of securities returned per request
5	RejectSecurityProposal	Reject security proposal
6	CannotMatchSelectionCriteria	Cannot match selection criteria

Used in messages: [SecurityDefinition](#), [SecurityDefinitionUpdateReport](#), [SecurityTypes](#)

### 170.2.4766 SecurityStatus

Indicates the current state of the instrument.

Type: [String](#)

Allowed values in SecurityStatusCodeSet:

Code	Name	Description
1	Active	Active. Instrument is active, i.e. trading is possible.
2	Inactive	Inactive. Instrument has previously been active and is now no longer traded but has not expired yet. The instrument may become active again.
3	ActiveClosingOrdersOnly	Active, closing orders only. Instrument is active but only orders closing positions (reducing risk) are allowed.
4	Expired	Expired. Instrument has expired. E.g. An instrument may expire due to reaching maturity or expired based on contract definitions or exchange rules.
5	Delisted	Delisted. Instrument has been removed from securities reference data. Delisting rules varies from exchange to exchange, which may include non-compliance of capitalization, revenue, consecutive minimum closing price. The instrument may become listed again once the instrument is back in compliance. A delisted instrument would not trade on the exchange but it may still be traded over-the-counter (e.g. OTCBB) or on Pink Sheets, or other similar trading service.

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Code	Name	Description
6	KnockedOut	Knocked-out. Instrument has breached a pre-defined price threshold.
7	KnockOutRevoked	Knock-out revoked. Instrument reinstated, i.e. threshold has not been breached.
8	PendingExpiry	Pending Expiry. Instrument is currently still active but will expire after the current business day. For example, a contract that expires intra-day (e.g. at noon time) and is no longer tradeable but will still show up in the current day's order book with related statistics.
9	Suspended	Suspended. Instrument has been temporarily disabled for trading (i.e. halted).
10	Published	Published. Instrument information is provided prior to its first activation.
11	PendingDeletion	Pending Deletion. Instrument is awaiting deletion from security reference data.

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Used in components: **Instrument**

#### **170.2.4767 SecurityStatusReqID**

Unique ID of a Security Status Request or a Security Mass Status Request message.

Type: **String**

Used in messages: **SecurityMassStatus**, **SecurityMassStatusRequest**, **SecurityStatus**, **SecurityStatusRequest**

#### **170.2.4768 SecuritySubType**

Sub-type qualification/identification of the SecurityType. As an example for SecurityType(167)="REPO", the SecuritySubType="General Collateral" can be used to further specify the type of REPO.

If SecuritySubType is used, then SecurityType is required.

For SecurityType="MLEG" a name of the option or futures strategy name can be specified, such as "Calendar", "Vertical", "Butterfly".

For SecurityType(167)="OPT" the subclassification can be specified, such as "Asian".

For SecurityType(167)="SWAPTION" a value of "Straddle" is used to identify a straddle swaption.

In the context of EU SFTR reporting use the appropriate 4-character code noted in the regulations - "GENE" for general collateral or "SPEC" for specific collateral (without quote marks).

Type: **String**

Used in components: **Instrument**

Used in groups: **SecTypesGrp**

Used in messages: **DerivativeSecurityListRequest, SecurityTypeRequest**

### **170.2.4769 SecurityTradingEvent**

Identifies an event related to a SecurityTradingStatus(326). An event occurs and is gone, it is not a state that applies for a period of time.

Type: **int**

Allowed values in SecurityTradingEventCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
1	OrderImbalance	Order imbalance, auction is extended
2	TradingResumes	Trading resumes (after Halt)
3	PriceVolatilityInterruption	Price Volatility Interruption
4	ChangeOfTradingSession	Change of Trading Session
5	ChangeOfTradingSubsession	Change of Trading Subsession
6	ChangeOfSecurityTradingStatus	Change of Security Trading Status
7	ChangeOfBookType	Change of Book Type
8	ChangeOfMarketDepth	Change of Market Depth
9	CorporateAction	Corporate action

---

Used in groups: **SecMassStatGrp**

Used in messages: **SecurityStatus**

### **170.2.4770 SecurityTradingRules**

This SecurityTradingRules component block is used as part of security definition to specify the specific security's standard trading parameters such as trading session eligibility and other attributes of the security.



Name	Mult.	Type	Description
BaseTradingRules	[0..1]	Component	This block contains the base trading rules
TradingSessionRulesGrp	[0..*]	Group	This block contains the trading rules specific to a trading session
NestedInstrumentAttribute	[0..*]	Group	

Used in groups: [MarketSegmentGrp](#), [SecListGrp](#), [SecLstUpdRelSymGrp](#)

### 170.2.4771 SecurityTradingStatus

Identifies the trading status applicable to the transaction.

Type: [int](#)

Allowed values in SecurityTradingStatusCodeSet:

Code	Name	Description
1	OpeningDelay	Opening delay
2	TradingHalt	Trading halt
3	Resume	Resume
4	NoOpen	No Open / No Resume
5	PriceIndication	Price indication
6	TradingRangeIndication	Trading Range Indication
7	MarketImbalanceBuy	Market Imbalance Buy
8	MarketImbalanceSell	Market Imbalance Sell
9	MarketOnCloseImbalanceBuy	Market on Close Imbalance Buy
10	MarketOnCloseImbalanceSell	Market on Close Imbalance Sell
12	NoMarketImbalance	No Market Imbalance
13	NoMarketOnCloseImbalance	No Market on Close Imbalance
14	ITSPreOpening	ITS Pre-opening
15	NewPriceIndication	New Price Indication
16	TradeDisseminationTime	Trade Dissemination Time
17	ReadyToTrade	Ready to trade (start of session)
18	NotAvailableForTrading	Not available for trading (end of session)
19	NotTradedOnThisMarket	Not traded on this market
20	UnknownOrInvalid	Unknown or Invalid

Code	Name	Description
21	PreOpen	Pre-open
22	OpeningRotation	Opening Rotation
23	FastMarket	Fast Market
24	PreCross	Pre-Cross - system is in a pre-cross state allowing market to respond to either side of cross
25	Cross	Cross - system has crossed a percentage of the orders and allows market to respond prior to crossing remaining portion
26	PostClose	Post-close
27	NoCancel	No-cancel

Used in groups: [MDFullGrp](#), [MDIncGrp](#), [SecMassStatGrp](#)

Used in messages: [SecurityStatus](#)

### 170.2.4772 SecurityType

Indicates type of security. Security type enumerations are grouped by Product(460) field value. NOTE: Additional values may be used by mutual agreement of the counterparties.

Type: [String](#)

Allowed values in SecurityTypeCodeSet:

Code	Name	Description
ABS	AssetBackedSecurities	Asset-backed Securities
AN	OtherAnticipationNotes	Other Anticipation Notes (BAN, GAN, etc.)
BA	BankersAcceptance	Bankers Acceptance
BRADY	BradyBond	Brady Bond
CORP	CorporateBond	Corporate Bond
CS	CommonStock	Common Stock
EUSUPRA	EuroSupranationalCoupons	Euro Supranational Coupons. Identify the issuer name in Issuer(106).
FOR	ForeignExchangeContract	Foreign Exchange Contract
MF	MutualFund	Mutual Fund
REPO	Repurchase	Repurchase
TERM	TermLoan	Term Loan

<b>Code</b>	<b>Name</b>	<b>Description</b>
BDN	BankDepositoryNote	Bank Depository Note
CAN	CanadianTreasuryNotes	Canadian Treasury Notes
CAP	Cap	Cap. In an interest rate cap, the buyer receives payments at the end of each period in which the rate indec exceeds the agreed strike rate.
CMB	CanadianMortgageBonds	Canadian Mortgage Bonds
COFO	CertificateOfObligation	Certificate Of Obligation
CPP	CorporatePrivatePlacement	Corporate Private Placement
FAC	FederalAgencyCoupon	Federal Agency Coupon
FORWARD	Forward	Forward
FXNDF	NonDeliverableForward	Non-deliverable forward
MLEG	MultilegInstrument	Multileg Instrument
PS	PreferredStock	Preferred Stock
RVLV	RevolverLoan	Revolver Loan
BN	BankNotes	Bank Notes
BUYSELL	BuySellback	Buy Sellback
CB	ConvertibleBond	Convertible Bond
CDS	CreditDefaultSwap	Credit Default Swap
CMBS	Corp	Corp. Mortgage-backed Securities
COFP	CertificateOfParticipation	Certificate Of Participation
CTB	CanadianTreasuryBills	Canadian Treasury Bills
DR	DepositoryReceipts	Depository Receipts
FADN	FederalAgencyDiscountNote	Federal Agency Discount Note
FXSPOT	FXSpot	FX Spot
NONE	NoSecurityType	No Security Type
RVLVTRM	Revolver	Revolver/Term Loan
BOX	BillOfExchanges	Bill Of Exchanges
BRIDGE	BridgeLoan	Bridge Loan
CLLR	Collar	Collar. In an interest rate collar, this is a combination of a cap and a floor.
CMO	CollateralizedMortgageObligation	Collateralized Mortgage Obligation
DUAL	DualCurrency	Dual Currency
EUSOV	EuroSovereigns	Euro Sovereigns. Identify the issuer name in Issuer(106).
FXFWD	FXForward	FX Forward
GO	GeneralObligationBonds	General Obligation Bonds

<b>Code</b>	<b>Name</b>	<b>Description</b>
PEF	PrivateExportFunding	Private Export Funding. Identify the issuer name in Issuer(106).
SECLOAN	SecuritiesLoan	Securities Loan
UST	USTreasuryNoteOld	US Treasury Note (Deprecated Value Use TNOTE)
CAMM	CanadianMoneyMarkets	Canadian Money Markets
CMDTYSWAP	CommoditySwap	Commodity swap
EUCORP	EuroCorporateBond	Euro Corporate Bond
FXSWAP	FXSwap	FX Swap
IET	IOETTEMortgage	IOETTE Mortgage
LOFC	LetterOfCredit	Letter Of Credit
MT	MandatoryTender	Mandatory Tender
PROV	CanadianProvincialBonds	Canadian Provincial Bonds
SECPLEDGE	SecuritiesPledge	Securities Pledge
SUPRA	USDSupranationalCoupons	USD Supranational Coupons. Identify the issuer name in Issuer(106).
USTB	USTreasuryBillOld	US Treasury Bill (Deprecated Value Use TBILL)
?	Wildcard	Wildcard entry for use on Security Definition Request
CD	CertificateOfDeposit	Certificate Of Deposit
DVPLDG	DeliveryVersusPledge	Delivery versus pledge
EUFNRN	EuroCorporateFloatingRateNotes	Euro Corporate Floating Rate Notes
EXOTIC	Exotic	Exotic
FXNDS	NonDeliverableSwap	Non-deliverable Swap
MBS	MortgageBackedSecurities	Mortgage-backed Securities
RAN	RevenueAnticipationNote	Revenue Anticipation Note
SWING	SwingLineFacility	Swing Line Facility
TB	TreasuryBill	Treasury Bill - non US
CASH	Cash	Cash
CL	CallLoans	Call Loans
COLLBSKT	CollateralBasket	Collateral basket. A collection of securities held as collateral in the customer's collateral fund. The collateral fund is usually managed by a custodian.
DINP	DebtorInPossession	Debtor In Possession
FLR	Floor	Floor. In an interest rate floor, the buyer receives payments at the end of each period in which the rate index is below the agreed strike rate.
FRN	USCorporateFloatingRateNotes	US Corporate Floating Rate Notes

<b>Code</b>	<b>Name</b>	<b>Description</b>
FXBN	FXBankNote	FX Bank Note
MIO	MortgageInterestOnly	Mortgage Interest Only
OOC	OptionsOnCombo	Options on Combo
REV	RevenueBonds	Revenue Bonds
TBOND	USTreasuryBond	US Treasury Bond
CP	CommercialPaper	Commercial Paper
DEFLTED	Defaulted	Defaulted
FRA	FRA	Forward Rate Agreement
FXDN	ForeignCurrencyDiscountNote	Foreign Currency Discount Note. Discount notes issued in foreign currency by Fannie Mae.
MPO	MortgagePrincipalOnly	Mortgage Principal Only
Other	Other	Other
SFP	StructuredFinanceProduct	Structured finance product
SPCLA	SpecialAssessment	Special Assessment
TINT	InterestStripFromAnyBondOrNote	Interest Strip From Any Bond Or Note
XLINKD	IndexedLinked	Indexed Linked
DN	DepositNotes	Deposit Notes
ETN	ExchangeTradedNote	Exchange traded note
FUT	Future	Future
MPP	MortgagePrivatePlacement	Mortgage Private Placement
SPCLO	SpecialObligation	Special Obligation
STRUCT	StructuredNotes	Structured Notes
TBILL	USTreasuryBill	US Treasury Bill
TIPS	TreasuryInflationProtectedSecurities	Treasury Inflation Protected Securities
WITHDRN	Withdrawn	Withdrawn
EUCD	EuroCertificateOfDeposit	Euro Certificate Of Deposit
FWD	DerivativeForward	Derivative forward
MPT	MiscellaneousPassThrough	Miscellaneous Pass-through
MRGNLOAN	MarginLoan	Margin loan
REPLACD	Replaced	Replaced
SPCLT	SpecialTax	Special Tax
TCAL	PrincipalStripOfACallableBondOrNote	Principal Strip Of A Callable Bond Or Note
YANK	YankeeCorporateBond	Yankee Corporate Bond

<b>Code</b>	<b>Name</b>	<b>Description</b>
DIMSUMCORP	OffshoreIssuedChineseYuanCorporateBond	Offshore issued Chinese Yuan (CNY) denominated corporate bond
EUCP	EuroCommercialPaper	Euro Commercial Paper
IRS	InterestRateSwap	Interest Rate Swap
MATURED	Matured	Matured
PFAND	Pfandbrief	Pfandbrief. Identify the issuer name in Issuer(106).
SECDERIV	SecuritizedDerivative	Securitized derivative
TAN	TaxAnticipationNote	Tax Anticipation Note
TPRN	PrincipalStripFromANonCallableBondOrNote	Principal Strip From A Non-Callable Bond Or Note
TRS	TotalReturnSwap	Total return swap
AMENDED	Amended	Amended and restated
ETF	ExchangeTradedFund	Exchange Traded Fund
LOANLEASE	LoanLease	Loan/lease
LQN	LiquidityNote	Liquidity Note
PRCORP	PreferredCorporateBond	Preferred Corporate Bond
TAXA	TaxAllocation	Tax Allocation
TBA	ToBeAnnounced	To Be Announced
TNOTE	USTreasuryNote	US Treasury Note
DIGITAL	DigitalAsset	Digital Asset. Asset that exists only in digital form or which is the digital representation of another asset (Source: ISO 24165 - Terms and Definitions).
DIMSUMSOV	OffshoreIssuedChineseYuanSovereignBond	Offshore issued Chinese Yuan (CNY) denominated sovereign bond
MTN	MediumTermNotes	Medium Term Notes
RETIRED	Retired	Retired
TECP	TaxExemptCommercialPaper	Tax Exempt Commercial Paper
ONITE	Overnight	Overnight
OOF	OptionsOnFutures	Options on Futures
SOV	SovereignBond	Sovereign Bond. Sovereign or government bond other than Euro and US issuer. Specify sovereign issuer in Issuer(106).
TMCP	TaxableMunicipalCP	Taxable Municipal CP
OOP	OptionsOnPhysical	Options on Physical - use not recommended
PN	PromissoryNote	Promissory Note
STN	ShortTermLoanNote	Short Term Loan Note
TFRN	USTreasuryFloatingRateNote	US Treasury Floating Rate Note

<b>Code</b>	<b>Name</b>	<b>Description</b>
TRAN	TaxRevenueAnticipationNote	Tax Revenue Anticipation Note
OPT	Option	Option
PZFJ	PlazosFijos	Plazos Fijos
VRDN	VariableRateDemandNote	Variable Rate Demand Note
SLQN	SecuredLiquidityNote	Secured Liquidity Note
SPOTFWD	SpotForward	Spot forward
WAR	Warrant	Warrant
MCPIB	MunicipalInterestBearingCommercialPaper	Municipal Interest Bearing Commercial Paper
SWAPTION	SwapOption	Swap option
TD	TimeDeposit	Time Deposit
TMB	TaxableMunicipalBond	Taxable Municipal Bond
XMISSION	Transmission	Transmission
INDEX	Index	General type for a contract based on an established index
TLQN	TermLiquidityNote	Term Liquidity Note
VRDO	VariableRateDemandObligation	Variable Rate Demand Obligation
BDBSKT	BondBasket	Bond basket
XCN	ExtendedCommNote	Extended Comm Note
CFD	ContractForDifference	Contract for difference
YCD	YankeeCertificateOfDeposit	Yankee Certificate Of Deposit
BAB	BankAcceptedBill	Bank Accepted Bill. Also known as Bank Bill.
CRLNSWAP	CorrelationSwap	Correlation swap
BNST	ShortTermBankNote	Short Term Bank Note
DVDNDSWAP	DividendSwap	Dividend swap
CLCP	CallableCommercialPaper	Callable Commercial Paper
EQBSKT	EquityBasket	Equity basket
CN	CommercialNote	Commercial Note
EQFWD	EquityForward	Equity forward
CPIB	InterestBearingCommercialPaper	Interest Bearing Commercial Paper
RTRNSWAP	ReturnSwap	Return swap
EUMTN	EuroMediumTermNote	Euro Medium Term Note
VARSWAP	VarianceSwap	Variance swap
EUNCP	EuroNegotiableCommercialPaper	Euro Negotiable Commercial Paper
PRTFLIOSWAP	PortfolioSwaps	Portfolio swap

Code	Name	Description
EUSTLQN	EuroStructuredLiquidityNote	Euro Structured Liquidity Note
FUTSWAP	FuturesOnASwap	Futures on a Swap
EUTD	EuroTimeDeposit	Euro Time Deposit
FWDSWAP	ForwardsOnASwap	Forwards on a Swap
FWDFRTAGMT	ForwardFreightAgreement	Forward Freight Agreement
JCD	JumboCertificateOfDeposit	Jumbo Certificate of Deposit
MMF	MoneyMarketFund	Money Market Fund
SPREADBET	SpreadBetting	Spread Betting
ETC	ExchangeTradedCommodity	Exchange traded commodity
MN	MasterNote	Master Note. Short term notes issued by Federal Farm Credit Banks Funding Corporation to provide loans and funding under Federal Farm Credit System (FFCS).
NCD	NegotiableCertificateOfDeposit	Negotiable Certificate of Deposit
NCP	NegotiableCommercialPaper	Negotiable Commercial Paper
RCD	RetailCertificateOfDeposit	Retail Certificate of Deposit
TDR	TermDepositReceipt	Term Deposit Receipt

Used in components: [Instrument](#)

Used in groups: [SecTypesGrp](#), [SettlInstGrp](#)

Used in messages: [SecurityTypeRequest](#), [SettlementInstructionRequest](#)

### 170.2.4773 SecurityUpdateAction

Specifies the action taken or to be taken for the specified instrument or list of instruments.

Type: [char](#)

Allowed values in SecurityUpdateActionCodeSet:

Code	Name	Description
A	Add	Add
D	Delete	Delete
M	Modify	Modify

Used in messages: [DerivativeSecurityListUpdateReport](#), [SecurityDefinitionUpdateReport](#), [SecurityListUpdateReport](#)



**170.2.4774 SecurityXML**

XML definition for the security.

Type: [XMLData](#)

Used in components: [SecurityXML](#)

**170.2.4775 SecurityXML**

The SecurityXML component is used to provide a definition in an XML format for the instrument.

Name	Mult.	Type	Description
<a href="#">SecurityXMLLen</a>	[0..1]	Length	Must be provided if SecurityXML(1185) field is specified and must immediately precede it.
<a href="#">SecurityXML</a>	[0..1]	XMLData	
<a href="#">SecurityXMLSchema</a>	[0..1]	String	

Used in components: [Instrument](#)

**170.2.4776 SecurityXMLLen**

The length of the SecurityXML(1185) data block.

Type: [Length](#)

Used in components: [SecurityXML](#)

**170.2.4777 SecurityXMLSchema**

The schema used to validate the contents of SecurityXML(1185).

Type: [String](#)

Used in components: [SecurityXML](#)

**170.2.4778 SelfMatchPreventionID**

Identifies an order or trade that should not be matched to an opposite order or trade if both buy and sell orders for the same asset contain the same SelfMatchPreventionID(2362) and submitted by the same firm.

Type: **String**

Used in components: **TradeReportOrderDetail**

Used in messages: **ExecutionReport, MassQuote, MultilegOrderCancelReplace, NewOrderMultileg, NewOrderSingle, OrderCancelReplaceRequest, Quote**

#### **170.2.4779 SelfMatchPreventionInstruction**

Indicate the instruction for self-match prevention when the incoming (aggressive) order has the same SelfMatchPreventionID(2362) as a resting (passive) order.

Type: **int**

Allowed values in SelfMatchPreventionInstructionCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
1	CancelAggressive	Cancel aggressive. Cancel incoming order.
2	CancelPassive	Cancel passive. Cancel resting order with the same SelfMatchPreventionID(2362).
3	CancelAggressivePassive	Cancel aggressive and passive. Cancel both incoming and resting order with the same SelfMatchPreventionID(2362).

---

Used in components: **TradeReportOrderDetail**

Used in messages: **ExecutionReport, MassQuote, MultilegOrderCancelReplace, NewOrderMultileg, NewOrderSingle, OrderCancelReplaceRequest, Quote**

#### **170.2.4780 SellerDays**

Specifies the number of days that may elapse before delivery of the security

Type: **int**

Used in groups: **MDFullGrp, MDIncGrp**

#### **170.2.4781 SellVolume**

Quantity sold.

Type: **Qty**

Used in messages: **SecurityStatus**

### **170.2.4782 SenderCompID**

Assigned value used to identify firm sending message.

Type: **String**

Used in components: **StandardHeader**

### **170.2.4783 SenderLocationID**

Assigned value used to identify specific message originator's location (i.e. geographic location and/or desk, trader)

Type: **String**

Used in components: **StandardHeader**

### **170.2.4784 SenderSubID**

Assigned value used to identify specific message originator (desk, trader, etc.)

Type: **String**

Used in components: **StandardHeader**

### **170.2.4785 SendingTime**

Time of message transmission (always expressed in UTC (Universal Time Coordinated, also known as "GMT"))

Type: **UTCTimestamp**

Used in components: **StandardHeader**

### **170.2.4786 Seniority**

Specifies which issue (underlying bond) will receive payment priority in the event of a default.

Used to define a CDS instrument.

Type: **String**

Allowed values in SeniorityCodeSet:

Code	Name	Description
SD	SeniorSecured	Senior Secured
SR	Senior	Senior
SB	Subordinated	Subordinated
JR	Junior	Junior. In the context of MiFID II this value is used as identified in RTS 23 Annex I Table 3 Field 23 "Seniority of the bond".
MZ	Mezzanine	Mezzanine. In the context of MiFID II this value is used as identified in RTS 23 Annex I Table 3 Field 23 "Seniority of the bond".
SN	SeniorNonPreferred	Senior Non-Preferred. For CDS reference obligations of non-preferred senior debt issued by European Financials that constitute a layer of debt ranking between the bank's normal senior debt but above the bank's normal tier 2 subordinated debt (reference: ISDA Credit Market Infrastructure Group).

Used in components: **Instrument**

### 170.2.4787 SessionRejectReason

Code to identify reason for a session-level Reject message.

Type: **int**

Allowed values in SessionRejectReasonCodeSet:

Code	Name	Description
0	InvalidTagNumber	Invalid Tag Number
1	RequiredTagMissing	Required Tag Missing
2	TagNotDefinedForThisMessageType	Tag not defined for this message type
3	UndefinedTag	Undefined tag
4	TagSpecifiedWithoutAValue	Tag specified without a value
5	ValueIsIncorrect	Value is incorrect (out of range) for this tag
6	IncorrectDataFormatForValue	Incorrect data format for value
7	DecryptionProblem	Decryption problem
8	SignatureProblem	Signature problem
9	CompIDProblem	CompID problem
10	SendingTimeAccuracyProblem	SendingTime Accuracy Problem
11	InvalidMsgType	Invalid MsgType

Code	Name	Description
12	XMLValidationError	XML Validation Error
13	TagAppearsMoreThanOnce	Tag appears more than once
14	TagSpecifiedOutOfRequiredOrder	Tag specified out of required order
15	RepeatingGroupFieldsOutOfOrder	Repeating group fields out of order
16	IncorrectNumInGroupCountForRepeatingGroup	Incorrect NumInGroup count for repeating group
17	NonDataValueIncludesFieldDelimiter	Non "Data" value includes field delimiter (<SOH> character)
18	InvalidUnsupportedAppVer	Invalid/Unsupported Application Version
99	Other	Other

---

Used in messages: [Reject](#)

### 170.2.4788 SessionStatus

Status of a FIX session

Type: [int](#)

Allowed values in SessionStatusCodeSet:

Code	Name	Description
0	SessionActive	Session active
1	SessionPasswordChanged	Session password changed
2	SessionPasswordDueToExpire	Session password due to expire
3	NewSessionPasswordDoesNotComplyWithPolicy	New session password does not comply with policy
4	SessionLogoutComplete	Session logout complete
5	InvalidUsernameOrPassword	Invalid username or password
6	AccountLocked	Account locked
7	LogonsAreNotAllowedAtThisTime	Logons are not allowed at this time
8	PasswordExpired	Password expired
9	ReceivedMsgSeqNumTooLow	Received MsgSeqNum(34) is too low.
10	ReceivedNextExpectedMsgSeqNumTooHigh	Received NextExpectedMsgSeqNum(789) is too high.

---

Used in messages: [Logon](#), [Logout](#)

### **170.2.4789 SettlCurrAmt**

Total amount due expressed in settlement currency (includes the effect of the forex transaction)

Type: **Amt**

Used in components: **SettlTradeDetails**

Used in groups: **AllocGrp, SettlObligationInstructions, TrdCapRptAckSideGrp, TrdCapRptSideGrp**

Used in messages: **Confirmation, ExecutionReport**

### **170.2.4790 SettlCurrBidFxRate**

Foreign exchange rate used to compute the bid "SettlCurrAmt" (119) from Currency (15) to SettlCurrency (120)

Type: **float**

Used in messages: **Quote, QuoteResponse, QuoteStatusReport**

### **170.2.4791 SettlCurrency**

Currency code of settlement denomination.

Type: **Currency**

Used in components: **SettlTradeDetails**

Used in groups: **AllocGrp, InstrmtMatchSideGrp, ListOrdGrp, MDFullGrp, MDIncGrp, QuotReqGrp, SettlInstGrp, SettlObligationInstructions, SideCrossOrdModGrp**

Used in messages: **Confirmation, ExecutionReport, MultilegOrderCancelReplace, NewOrder-Multileg, NewOrderSingle, OrderCancelReplaceRequest, PositionMaintenanceReport, Position-MaintenanceRequest, PositionReport, Quote, RequestForPositions, RequestForPositionsAck, SettlementInstructionRequest, TradeCaptureReport, TradeCaptureReportAck**

### **170.2.4792 SettlCurrencyCodeSource**

Identifies class or source of the SettlCurrency(120) value.

Type: **String**

Allowed values in CurrencyCodeSourceCodeSet:

Code	Name	Description
1	CUSIP	CUSIP
2	SEDOL	SEDOL
4	ISINNumber	ISIN
6	ISOCurrencyCode	ISO Currency Code (ISO 4217)
S	FinancialInstrumentGlobalIdentifier	Financial Instrument Global Identifier. An Object Management Group (OMG) standard. Also referred to as FIGI. Formerly known as "Bloomberg Open Symbology BBGID".
Y	DigitalTokenIdentifier	Digital Token Identifier (ISO 24165)

Used in components: [SettlTradeDetails](#)

Used in groups: [InstrmtMatchSideGrp](#), [ListOrdGrp](#), [MDFullGrp](#), [MDIncGrp](#), [QuotReqGrp](#), [SettlInstGrp](#), [SettlObligationInstructions](#), [SideCrossOrdModGrp](#)

Used in messages: [Confirmation](#), [ExecutionReport](#), [MultilegOrderCancelReplace](#), [NewOrder-Multileg](#), [NewOrderSingle](#), [OrderCancelReplaceRequest](#), [PositionMaintenanceReport](#), [Position-MaintenanceRequest](#), [PositionReport](#), [Quote](#), [RequestForPositions](#), [RequestForPositionsAck](#), [SettlementInstructionRequest](#), [TradeCaptureReport](#), [TradeCaptureReportAck](#)

### 170.2.4793 SettlCurrFxRate

Foreign exchange rate used to compute SettlCurrAmt(119) from Currency(15) to SettlCurrency(120).

Type: [float](#)

Used in groups: [AllocGrp](#), [SettlObligationInstructions](#), [TrdCapRptAckSideGrp](#), [TrdCapRptSideGrp](#)

Used in messages: [Confirmation](#), [ExecutionReport](#)

### 170.2.4794 SettlCurrFxRateCalc

Specifies whether or not SettlCurrFxRate (155) should be multiplied or divided.

Type: [char](#)

Allowed values in SettlCurrFxRateCalcCodeSet:

Code	Name	Description
M	Multiply	Multiply

Code	Name	Description
D	Divide	Divide

Used in groups: [AllocGrp](#), [TrdCapRptAckSideGrp](#), [TrdCapRptSideGrp](#)

Used in messages: [Confirmation](#), [ExecutionReport](#), [Quote](#), [QuoteResponse](#), [QuoteStatusReport](#)

### 170.2.4795 **SettlCurrOfferFxRate**

Foreign exchange rate used to compute the offer "SettlCurrAmt" (119) from Currency (15) to SettlCurrency (120)

Type: [float](#)

Used in messages: [Quote](#), [QuoteResponse](#), [QuoteStatusReport](#)

### 170.2.4796 **SettlDate**

Specific date of trade settlement (SettlementDate) in YYYYMMDD format.

If present, this field overrides SettlType (63). This field is required if the value of SettlType (63) is 6 (Future) or 8 (Sellers Option). This field must be omitted if the value of SettlType (63) is 7 (When and If Issued)

(expressed in local time at place of settlement)

Type: [LocalMktDate](#)

Used in components: [SettlTradeDetails](#)

Used in groups: [BidCompReqGrp](#), [BidCompRspGrp](#), [InstrmtMDReqGrp](#), [ListOrdGrp](#), [MDFullGrp](#), [MDIncGrp](#), [QuotEntryAckGrp](#), [QuotEntryGrp](#), [QuotReqGrp](#), [QuotReqRjctGrp](#), [SettlObligationInstructions](#)

Used in messages: [AllocationInstruction](#), [AllocationInstructionAlert](#), [AllocationReport](#), [CollateralAssignment](#), [CollateralInquiry](#), [CollateralInquiryAck](#), [CollateralReport](#), [CollateralRequest](#), [CollateralResponse](#), [Confirmation](#), [CrossOrderCancelReplaceRequest](#), [ExecutionReport](#), [MultilegOrderCancelReplace](#), [NewOrderCross](#), [NewOrderMultileg](#), [NewOrderSingle](#), [OrderCancelReplaceRequest](#), [PositionMaintenanceReport](#), [PositionMaintenanceRequest](#), [PositionReport](#), [Quote](#), [QuoteResponse](#), [QuoteStatusReport](#), [RequestForPositions](#), [TradeAggregationReport](#), [TradeCaptureReport](#), [TradeCaptureReportAck](#)



**170.2.4797 SettlDate2**

SettlDate (64) of the future part of a F/X swap order.

Type: [LocalMktDate](#)

Used in groups: [ListOrdGrp](#), [QuotEntryAckGrp](#), [QuotEntryGrp](#), [QuotReqGrp](#), [QuotReqRjctGrp](#)

Used in messages: [ExecutionReport](#), [NewOrderSingle](#), [OrderCancelReplaceRequest](#), [Quote](#), [QuoteResponse](#), [QuoteStatusReport](#)

**170.2.4798 SettlDeliveryType**

Identifies type of settlement

Type: [int](#)

Allowed values in SettlDeliveryTypeCodeSet:

Code	Name	Description
0	Versus	"Versus. Payment": Deliver (if Sell) or Receive (if Buy) vs. (Against) Payment
1	Free	"Free": Deliver (if Sell) or Receive (if Buy) Free
2	TriParty	Tri-Party
3	HoldInCustody	Hold In Custody

Used in components: [SettlInstructionsData](#)

**170.2.4799 SettlDetails**

Name	Mult.	Type	Description
<a href="#">NoSettlDetails</a>	[1..1]	NumInGroup	Number of settlement parties
<a href="#">SettlObligSource</a>	[0..1]	CodeSet	Indicates the Source of the Settlement Instructions
<a href="#">StandInstDbType</a>	[0..1]	CodeSet	
<a href="#">StandInstDbName</a>	[0..1]	String	
<a href="#">StandInstDbID</a>	[0..1]	String	
<a href="#">SettlParties</a>	[0..*]	Group	Carries settlement account information

Used in groups: [SettlObligationInstructions](#), [TrdCapRptAckSideGrp](#), [TrdCapRptSideGrp](#)

Used in messages: [PayManagementReport](#), [PayManagementRequest](#)

### **170.2.4800 Settldisruptionprovision**

Specifies the consequences of bullion settlement disruption events.

Type: [int](#)

Allowed values in SettldisruptionprovisionCodeSet:

Code	Name	Description
1	Negotiation	Negotiation
2	Cancellation	Cancellation and payment

Used in components: [Instrument](#)

### **170.2.4801 SettledEntityMatrixPublicationDate**

The publication date of the applicable version of the matrix. If not specified, the Standard Terms Supplement defines rules for which version of the matrix is applicable.

Type: [LocalMktDate](#)

Used in components: [Instrument](#)

### **170.2.4802 SettledEntityMatrixSource**

Relevant settled entity matrix source.

Type: [String](#)

Used in components: [Instrument](#)

### **170.2.4803 SettlementAmount**

The amount of settlement.

Type: [Amt](#)

Used in groups: [SettlementAmountGrp](#)

**170.2.4804 SettlementAmountCurrency**

The currency of the reported settlement amount.

Type: **Currency**

Used in groups: **SettlementAmountGrp**

**170.2.4805 SettlementAmountCurrencyCodeSource**

Identifies class or source of the SettlementAmountCurrency(1702) value.

Type: **String**

Allowed values in CurrencyCodeSourceCodeSet:

Code	Name	Description
1	CUSIP	CUSIP
2	SEDOL	SEDOL
4	ISINNumber	ISIN
6	ISOCurrencyCode	ISO Currency Code (ISO 4217)
S	FinancialInstrumentGlobalIdentifier	Financial Instrument Global Identifier. An Object Management Group (OMG) standard. Also referred to as FIGI. Formerly known as "Bloomberg Open Symbology BBGID".
Y	DigitalTokenIdentifier	Digital Token Identifier (ISO 24165)

Used in groups: **SettlementAmountGrp**

**170.2.4806 SettlementAmountGrp**

The Settlement Amount Group component block is a repeating group of settlement amounts for an account

Name	Mult.	Type	Description
<b>NoSettlementAmounts</b>	[1..1]	NumInGroup	
<b>SettlementAmount</b>	[0..1]	Amt	Required if NoSettlementAmounts > 0.
<b>SettlementAmountCurrency</b>	[0..1]	Currency	
<b>SettlementAmountCurrencyCodeSource</b>	[0..1]	CodeSet	

Used in messages: [AccountSummaryReport](#)

### **170.2.4807 SettlementCycleNo**

Settlement cycle in which the settlement obligation was generated

Type: [int](#)

Used in messages: [SettlementObligationReport](#)

### **170.2.4808 SettleOnOpenFlag**

Indicator to determine if instrument is settle on open

Type: [String](#)

Used in components: [Instrument](#)

### **170.2.4809 SettlForwardPoints**

FX forward points added to SettlPrice(730). The value is expressed in decimal form and may be a negative.

Type: [PriceOffset](#)

Used in messages: [PositionReport](#)

### **170.2.4810 SettlInstGrp**

---

<b>Name</b>	<b>Mult.</b>	<b>Type</b>	<b>Description</b>
<a href="#">NoSettlInst</a>	[1..1]	NumInGroup	Required except where SettlInstMode is 5=Reject SSI request
<a href="#">SettlInstID</a>	[0..1]	String	Unique ID for this settlement instruction. Required except where SettlInstMode is 5=Reject SSI request
<a href="#">SettlInstTransType</a>	[0..1]	CodeSet	New, Replace, Cancel or Restate. Required except where SettlInstMode is 5=Reject SSI request
<a href="#">SettlInstRefID</a>	[0..1]	String	Required where SettlInstTransType is Cancel or Replace

Name	Mult.	Type	Description
Parties	[0..*]	Group	Insert here the set of "Parties" (firm identification) fields defined in "Common Components of Application Messages". Used here for settlement location. Also used for executing broker for CIV settlement instructions
Side	[0..1]	CodeSet	Can be used for SettleInstMode 1 if SSIs are being provided for a particular side.
Product	[0..1]	CodeSet	Can be used for SettleInstMode 1 if SSIs are being provided for a particular product.
SecurityType	[0..1]	CodeSet	Can be used for SettleInstMode 1 if SSIs are being provided for a particular security type (as alternative to CFICode).
CFICode	[0..1]	String	Can be used for SettleInstMode 1 if SSIs are being provided for a particular CFI (as identified by CFI code).
UPICode	[0..1]	String	Can be used for SettleInstMode 1 if SSIs are being provided for a particular UPI (as identified by UPI code).
SettlCurrency	[0..1]	Currency	Can be used for SettleInstMode 1 if SSIs are being provided for a particular settlement currency
SettlCurrencyCodeSource	[0..1]	CodeSet	
EffectiveTime	[0..1]	UTCTimestamp	Effective (start) date/time for this settlement instruction. Required except where SettleInstMode is 5=Reject SSI request
ExpireTime	[0..1]	UTCTimestamp	Termination date/time for this settlement instruction.
LastUpdateTime	[0..1]	UTCTimestamp	Date/time this settlement instruction was last updated (or created if not updated since creation). Required except where SettleInstMode is 5=Reject SSI request
SettleInstructionsData	[0..1]	Component	Insert here the set of "SettleInstructionsData" fields defined in "Common Components of Application Messages"
PaymentMethod	[0..1]	CodeSet	For use with CIV settlement instructions
PaymentRef	[0..1]	String	For use with CIV settlement instructions
CardHolderName	[0..1]	String	For use with CIV settlement instructions
CardNumber	[0..1]	String	For use with CIV settlement instructions
CardStartDate	[0..1]	LocalMktDate	For use with CIV settlement instructions
CardExpDate	[0..1]	LocalMktDate	For use with CIV settlement instructions

Name	Mult.	Type	Description
CardIssNum	[0..1]	String	For use with CIV settlement instructions
PaymentDate	[0..1]	LocalMktDate	For use with CIV settlement instructions
PaymentRemitterID	[0..1]	String	For use with CIV settlement instructions

Used in messages: [SettlementInstructions](#)

### 170.2.4811 SettlInstID

Unique identifier for Settlement Instruction.

Type: [String](#)

Used in groups: [SettlInstGrp](#)

### 170.2.4812 SettlInstMode

Indicates mode used for Settlement Instructions message. \*\*\* SOME VALUES HAVE BEEN REPLACED - See "Replaced Features and Supported Approach" \*\*\*

Type: [char](#)

Allowed values in SettlInstModeCodeSet:

Code	Name	Description
0	Default	Default (Replaced)
1	StandingInstructionsProvided	Standing Instructions Provided
2	SpecificAllocationAccountOverriding	Specific Allocation Account Overriding (Replaced)
3	SpecificAllocationAccountStanding	Specific Allocation Account Standing (Replaced)
4	SpecificOrderForASingleAccount	Specific Order for a single account (for CIV)
5	RequestReject	Request reject

Used in groups: [ListOrdGrp](#)

Used in messages: [SettlementInstructions](#)

**170.2.4813 SettlInstMsgID**

Unique identifier for Settlement Instruction message.

Type: **String**

Used in messages: **SettlementInstructions**

**170.2.4814 SettlInstRefID**

Reference identifier for the SettlInstID (162) with Cancel and Replace SettlInstTransType (163) transaction types.

Type: **String**

Used in groups: **SettlInstGrp**

**170.2.4815 SettlInstReqID**

Unique ID of settlement instruction request message

Type: **String**

Used in messages: **SettlementInstructionRequest, SettlementInstructions**

**170.2.4816 SettlInstReqRejCode**

Identifies reason for rejection (of a settlement instruction request message).

Type: **int**

Allowed values in SettlInstReqRejCodeCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	UnableToProcessRequest	Unable to process request
1	UnknownAccount	Unknown account
2	NoMatchingSettlementInstructions-Found	No matching settlement instructions found
99	Other	Other

---

Used in messages: **SettlementInstructions**

**170.2.4817 SettlInstructionsData**

The SettlInstructionsData component block is used to convey key information regarding standing settlement and delivery instructions. It also provides a reference to standing settlement details regarding the source, delivery instructions, and settlement parties

Name	Mult.	Type	Description
SettlDeliveryType	[0..1]	CodeSet	Required if AllocSettlInstType = 1 or 2
StandInstDbType	[0..1]	CodeSet	Required if AllocSettlInstType = 3 (should not be populated otherwise)
StandInstDbName	[0..1]	String	Required if AllocSettlInstType = 3 (should not be populated otherwise)
StandInstDbID	[0..1]	String	Identifier used within the StandInstDbType. Required if AllocSettlInstType = 3 (should not be populated otherwise)
DlvInstGrp	[0..*]	Group	Required (and must be > 0) if AllocSettlInstType = 2 (should not be populated otherwise)

Used in components: [SettlTradeDetails](#)

Used in groups: [AllocGrp](#), [SettlInstGrp](#)

Used in messages: [CollateralAssignment](#), [CollateralInquiry](#), [CollateralReport](#), [Confirmation](#)

**170.2.4818 SettlInstSource**

Indicates source of Settlement Instructions

Type: [char](#)

Allowed values in SettlInstSourceCodeSet:

Code	Name	Description
1	BrokerCredit	Broker's Instructions
2	Institution	Institution's Instructions
3	Investor	Investor (e.g. CIV use)

Used in groups: [DlvInstGrp](#)



**170.2.4819 SettlInstTransType**

Settlement Instructions message transaction type

Type: **char**

Allowed values in SettlInstTransTypeCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
N	New	New
C	Cancel	Cancel
R	Replace	Replace
T	Restate	Restate

---

Used in groups: **SettlInstGrp**

**170.2.4820 SettlMethod**

Settlement method for a contract or instrument. Additional values may be used with bilateral agreement.

Type: **String**

Allowed values in SettlMethodCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
C	CashSettlementRequired	Cash settlement required
P	PhysicalSettlementRequired	Physical settlement required
E	Election	Election at exercise. The settlement method will be elected at the time of contract exercise.

---

Used in components: **Instrument**

**170.2.4821 SettlMethodElectingPartySide**

Side value of the party electing the settlement method.

Type: **int**

Allowed values in PaymentPaySideCodeSet:

Code	Name	Description
1	Buy	Buy
2	Sell	Sell

Used in components: [OptionExercise](#)

### 170.2.4822 **SettlMethodElectionDateAdjusted**

The adjusted settlement method election date.

Type: [LocalMktDate](#)

Used in components: [SettlMethodElectionDate](#)

### 170.2.4823 **SettlMethodElectionDateBusinessCenter**

The business center calendar used for date adjustment of the settlement method election unadjusted or relative date, e.g. "GBLO".

See <http://www.fpml.org/coding-scheme/business-center> for standard 4-character code values.

Type: [String](#)

Used in groups: [SettlMethodElectionDateBusinessCenterGrp](#)

### 170.2.4824 **SettlMethodElectionDateBusinessCenterGrp**

[SettlMethodElectionDateBusinessCenterGrp](#) is a repeating subcomponent within the [SettlMethodElectionDate](#) component. It is used to specify the set of business centers whose calendars drive the date adjustment. Used only to override the business centers defined in the [DateAdjustment](#) component in [Instrument](#).

Name	Mult.	Type	Description
<a href="#">NoSettlMethodElectionDateBusinessCenters</a>	[1..1]	NumInGroup	
<a href="#">SettlMethodElectionDateBusinessCenter</a>	[0..1]	String	Required if <a href="#">NoSettlMethodElectionDateBusinessCenters(42775) &gt; 0</a> .

Used in components: [SettlMethodElectionDate](#)

**170.2.4825 SettlMethodElectionDateBusinessDayConvention**

The settlement method election date adjustment business day convention.

Type: **int**

Allowed values in BusinessDayConventionCodeSet:

Code	Name	Description
0	NotApplicable	Not applicable. Business day convention is not applicable.
1	None	None (current day)
2	FollowingDay	Following day. The following business day.
3	FloatingRateNote	Floating rate note. The FRN business day convention.
4	ModifiedFollowingDay	Modified following day. The modified following business day.
5	PrecedingDay	Preceding day. The preceding business day.
6	ModifiedPrecedingDay	Modified preceding day. The modified preceding business day.
7	NearestDay	Nearest day. The nearest applicable business day.

Used in components: **SettlMethodElectionDate**

**170.2.4826 SettlMethodElectionDate**

The SettlMethodElectionDate component is a subcomponent within the OptionExercise component used to report the settlement method election date.

Name	Mult.	Type	Description
<b>SettlMethodElectionDateUnadjusted</b>	[0..1]	LocalMktDate	
<b>SettlMethodElectionDateBusinessDay-Convention</b>	[0..1]	CodeSet	When specified, this overrides the business day convention defined in the DateAdjustment component in Instrument. The specified value would be specific to OptionExercise.
<b>SettlMethodElectionDateBusinessCenterGrp</b>	[0..*]	Group	When specified, this overrides the business centers defined in the DateAdjustment component in Instrument. The specified values would be specific to OptionExercise.
<b>SettlMethodElectionDateRelativeTo</b>	[0..1]	int	
<b>SettlMethodElectionDateOffsetPeriod</b>	[0..1]	int	Conditionally required when SettlMethodElectionDateOffsetUnit(42781) is specified.

Name	Mult.	Type	Description
SettlMethodElectionDateOffsetUnit	[0..1]	CodeSet	Conditionally required when SettlMethodElectionDateOffsetPeriod(42780) is specified.
SettlMethodElectionDateOffsetDay- Type	[0..1]	CodeSet	
SettlMethodElectionDateAdjusted	[0..1]	LocalMktDate	

Used in components: [OptionExercise](#)

### 170.2.4827 SettlMethodElectionDateOffsetDayType

Specifies the day type of the relative settlement method election date offset.

Type: [int](#)

Allowed values in PaymentStreamPaymentDateOffsetDayTypeCodeSet:

Code	Name	Description
0	Business	Business
1	Calendar	Calendar
2	CommodityBusiness	Commodity business
3	CurrencyBusiness	Currency business
4	ExchangeBusiness	Exchange business
5	ScheduledTradingDay	Scheduled trading day

Used in components: [SettlMethodElectionDate](#)

### 170.2.4828 SettlMethodElectionDateOffsetPeriod

Time unit multiplier for the relative settlement method election date offset.

Type: [int](#)

Used in components: [SettlMethodElectionDate](#)

**170.2.4829 SettlMethodElectionDateOffsetUnit**

Time unit associated with the relative settlement method election date offset.

Type: **String**

Allowed values in PaymentStreamPaymentDateOffsetUnitCodeSet:

---

Code	Name	Description
D	Day	Day
Wk	Week	Week
Mo	Month	Month
Yr	Year	Year

---

Used in components: **SettlMethodElectionDate**

**170.2.4830 SettlMethodElectionDateRelativeTo**

Specifies the anchor date when the settlement method election date is relative to an anchor date.

See [http://www.fixtradingcommunity.org/codelists#Relative\\_To\\_Date](http://www.fixtradingcommunity.org/codelists#Relative_To_Date) for values.

Type: **int**

Used in components: **SettlMethodElectionDate**

**170.2.4831 SettlMethodElectionDateUnadjusted**

The unadjusted settlement method election date.

Type: **LocalMktDate**

Used in components: **SettlMethodElectionDate**

**170.2.4832 SettlObligationInstructions**

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Name	Mult.	Type	Description
<b>NoSettlOblig</b>	[1..1]	NumInGroup	Number of Settlement Obligations
<b>NetGrossInd</b>	[0..1]	CodeSet	

---

Name	Mult.	Type	Description
SettlObligID	[0..1]	String	Unique ID for this settlement instruction
SettlObligTransType	[0..1]	CodeSet	New, Replace, Cancel, or Restate
SettlObligRefID	[0..1]	String	Required where SettlObligTransType(1162) is Cancel or Replace. The SettlObligID(1161) of the settlement obligation being canceled or replaced.
CcyAmt	[0..1]	Amt	Net flow of currency 1
SettlCurrAmt	[0..1]	Amt	Net flow of currency 2
Currency	[0..1]	Currency	Currency 1 in the stated currency pair, the dealt currency
CurrencyCodeSource	[0..1]	CodeSet	
SettlCurrency	[0..1]	Currency	Currency 2 in the stated currency pair, the contra currency
SettlCurrencyCodeSource	[0..1]	CodeSet	
SettlCurrFxRate	[0..1]	float	Derived rate of Ccy2 per Ccy1 based on netting
SettlDate	[0..1]	LocalMktDate	Value Date
Instrument	[0..1]	Component	Used to express the instrument in which settlement is taking place
Parties	[0..*]	Group	
EffectiveTime	[0..1]	UTCTimestamp	Effective (start) date/time for this settlement instruction
ExpireTime	[0..1]	UTCTimestamp	Termination date/time for this settlement instruction.
LastUpdateTime	[0..1]	UTCTimestamp	Date/time this settlement instruction was last updated (or created if not updated since creation).
SettlDetails	[0..*]	Group	Conveys settlement account details reported as part of obligation

Used in messages: [SettlementObligationReport](#)

### 170.2.4833 SettlObligID

Unique ID for this settlement instruction.

Type: [String](#)

Used in groups: [SettlObligationInstructions](#)

**170.2.4834 SettlObligMode**

Used to identify the reporting mode of the settlement obligation which is either preliminary or final

Type: **int**

Allowed values in SettlObligModeCodeSet:

---

Code	Name	Description
1	Preliminary	Preliminary
2	Final	Final

---

Used in messages: **SettlementObligationReport**

**170.2.4835 SettlObligMsgID**

Message identifier for Settlement Obligation Report

Type: **String**

Used in messages: **SettlementObligationReport**

**170.2.4836 SettlObligRefID**

Required where SettlInstTransType is Cancel or Replace

Type: **String**

Used in groups: **SettlObligationInstructions**

**170.2.4837 SettlObligSource**

Used to identify whether these delivery instructions are for the buy side or the sell side.

Type: **char**

Allowed values in SettlObligSourceCodeSet:

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Code	Name	Description
1	InstructionsOfBroker	Instructions of Broker
2	InstructionsForInstitution	Instructions for Institution

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Code	Name	Description
3	Investor	Investor
4	BuyersSettlementInstructions	Buyer's settlement instructions
5	SellersSettlementInstructions	Seller's settlement instructions

Used in groups: [SettlDetails](#)

### 170.2.4838 SettlObligTransType

Transaction Type - required except where SettlInstMode is 5=Reject SSI request

Type: [char](#)

Allowed values in SettlObligTransTypeCodeSet:

Code	Name	Description
C	Cancel	Cancel
N	New	New
R	Replace	Replace
T	Restate	Restate

Used in groups: [SettlObligationInstructions](#)

### 170.2.4839 SettlParties

The SettlParties component block is used in a similar manner as Parties Block within the context of settlement instruction messages to distinguish between parties involved in the settlement and parties who are expected to execute the settlement process.

Name	Mult.	Type	Description
<a href="#">NoSettlPartyIDs</a>	[1..1]	NumInGroup	Repeating group below should contain unique combinations of SettlPartyID, SettlPartyIDSource, and SettlPartyRole
<a href="#">SettlPartyID</a>	[0..1]	String	Used to identify source of SettlPartyID. Required if SettlPartyIDSource is specified. Required if NoSettlPartyIDs > 0.



Name	Mult.	Type	Description
SettlPartyIDSource	[0..1]	CodeSet	Used to identify class source of SettlPartyID value (e.g. BIC). Required if SettlPartyID is specified. Required if NoSettlPartyIDs > 0.
SettlPartyRole	[0..1]	CodeSet	Identifies the type of SettlPartyID (e.g. Executing Broker). Required if NoSettlPartyIDs > 0.
SettlPartyRoleQualifier	[0..1]	CodeSet	
SettlPtysSubGrp	[0..*]	Group	Repeating group of SettlParty sub-identifiers.

Used in groups: [DlvyInstGrp](#), [SettlDetails](#)

### 170.2.4840 SettlPartyID

PartyID value within a settlement parties component. Nested repeating group.

Same values as PartyID (448)

Type: [String](#)

Used in groups: [SettlParties](#)

### 170.2.4841 SettlPartyIDSource

PartyIDSource value within a settlement parties component.

Same values as PartyIDSource (447)

Type: [char](#)

Allowed values in PartyIDSourceCodeSet:

Code	Name	Description
1	KoreanInvestorID	Korean Investor ID
6	UKNationalInsuranceOrPension-Number	UK National Insurance or Pension Number
B	BIC	BIC (Bank Identification Code - SWIFT managed) code (ISO9362 - See "Appendix 6-B")
I	ISITCAcronym	Directed broker three character acronym as defined in ISITC "ETC Best Practice" guidelines document
2	TaiwaneseForeignInvestorID	Taiwanese Qualified Foreign Investor ID QFII/FID

Code	Name	Description
7	USSocialSecurityNumber	US Social Security Number
C	GeneralIdentifier	Generally accepted market participant identifier (e.g. NASD mnemonic)
3	TaiwaneseTradingAcct	Taiwanese Trading Acct
8	USEmployerOrTaxIDNumber	US Employer or Tax ID Number
D	Proprietary	Proprietary / Custom code. Custom ID schema used between counterparties, trading platforms and repositories.
4	MalaysianCentralDepository	Malaysian Central Depository (MCD) number
9	AustralianBusinessNumber	Australian Business Number
E	ISOCountryCode	ISO Country Code
5	ChineseInvestorID	Chinese Investor ID
A	AustralianTaxFileNumber	Australian Tax File Number
F	SettlementEntityLocation	Settlement Entity Location (note if Local Market Settlement use "E=ISO Country Code") (see "Appendix 6-G" for valid values)
G	MIC	Market Identifier Code (ISO 10383) MIC
J	TaxID	Tax ID
H	CSDParticipant	CSD participant/member code (e.g. Euroclear, DTC, CREST or Kassenverein number)
K	AustralianCompanyNumber	Australian Company Number
L	AustralianRegisteredBodyNumber	Australian Registered Body Number
M	CFTCReportingFirmIdentifier	CFTC reporting firm identifier
N	LegalEntityIdentifier	Legal Entity Identifier (ISO 17442) LEI
O	InterimIdentifier	Interim identifier. An interim entity identifier assigned by a regulatory agency prior to an LEI (ISO 17442) being assigned.
P	ShortCodeIdentifier	Short code identifier. A generic means for trading venues, brokers, investment managers to convey a bilaterally agreed upon "short hand" code for an identifier that is a reference to a mapping between the parties.
Q	NationalIDNaturalPerson	National ID of natural person. An identification number generally assigned by a government authority or agency to a natural person which is unique to the person it is assigned to. Examples include, but not limited to, "social security number", "pension number".
R	IndiaPermanentAccountNumber	India Permanent Account Number. Also referred to as PAN ID. An identifier issued by the Income Tax Department of India.

Code	Name	Description
S	FDID	Firm designated identifier. Also referred to as FDID. A unique identifier required by the SEC for each trading account designated by Industry Members for purposes of reporting to CAT (Consolidated Audit Trail).
T	SPSAID	Special Segregated Account ID. Also referred to as SPSA ID. The Special Segregated Account identifier issued by Hong Kong Exchanges and Clearing.
U	MasterSPSAID	Master Special Segregated Account ID. Also referred to as Master SPSA ID. The master identifier issued by Hong Kong Exchanges and Clearing for the aggregation of SPSA IDs.

Used in groups: [SettlParties](#)

### 170.2.4842 SettlPartyRole

PartyRole value within a settlement parties component.

Same values as PartyRole (452)

Type: [int](#)

Allowed values in PartyRoleCodeSet:

Code	Name	Description
1	ExecutingFirm	Executing Firm (formerly FIX 4.2 ExecBroker)
2	BrokerOfCredit	Broker of Credit (formerly FIX 4.2 BrokerOfCredit)
3	ClientID	Client ID (formerly FIX 4.2 ClientID)
4	ClearingFirm	Clearing Firm (formerly FIX 4.2 ClearingFirm)
5	InvestorID	Investor ID
6	IntroducingFirm	Introducing Firm
7	EnteringFirm	Entering Firm
8	Locate	Locate / Lending Firm (for short-sales)
9	FundManagerClientID	Fund Manager Client ID (for CIV)
10	SettlementLocation	Settlement Location (formerly FIX 4.2 SettlLocation)
11	OrderOriginationTrader	Order Origination Trader (associated with Order Origination Firm - i.e. trader who initiates/submits the order)
12	ExecutingTrader	Executing Trader (associated with Executing Firm - actually executes)

<b>Code</b>	<b>Name</b>	<b>Description</b>
13	OrderOriginationFirm	Order Origination Firm (e.g. buy-side firm)
14	GiveupClearingFirmDepr	Giveup Clearing Firm (firm to which trade is given up)
15	CorrespondantClearingFirm	Correspondant Clearing Firm
16	ExecutingSystem	Executing System
17	ContraFirm	Contra Firm
18	ContraClearingFirm	Contra Clearing Firm
19	SponsoringFirm	Sponsoring Firm
20	UnderlyingContraFirm	Underlying Contra Firm
21	ClearingOrganization	Clearing Organization
22	Exchange	Exchange. Identify using PartyIDSource(tag 447) = G (Market Identifier Code) if the MIC exists.
24	CustomerAccount	Customer Account
25	CorrespondentClearingOrganization	Correspondent Clearing Organization
26	CorrespondentBroker	Correspondent Broker
27	Buyer	Buyer/Seller (Receiver/Deliverer)
28	Custodian	Custodian
29	Intermediary	Intermediary
30	Agent	Agent
31	SubCustodian	Sub-custodian
32	Beneficiary	Beneficiary
33	InterestedParty	Interested party
34	RegulatoryBody	Regulatory body. In the context of regulatory reporting, this identifies the regulator the trade is being reported to.
35	LiquidityProvider	Liquidity provider
36	EnteringTrader	Entering trader
37	ContraTrader	Contra trader
38	PositionAccount	Position account. The account which positions are maintained. Typically represents the aggregation of one or more customer accounts.
39	ContraInvestorID	Contra Investor ID
40	TransferToFirm	Transfer to Firm
41	ContraPositionAccount	Contra Position Account
42	ContraExchange	Contra Exchange
43	InternalCarryAccount	Internal Carry Account
44	OrderEntryOperatorID	Order Entry Operator ID

<b>Code</b>	<b>Name</b>	<b>Description</b>
45	SecondaryAccountNumber	Secondary Account Number
46	ForeignFirm	Foreign Firm
47	ThirdPartyAllocationFirm	Third Party Allocation Firm
48	ClaimingAccount	Claiming Account
49	AssetManager	Asset Manager
50	PledgorAccount	Pledgor Account
51	PledgeeAccount	Pledgee Account
52	LargeTraderReportableAccount	Large Trader Reportable Account
53	TraderMnemonic	Trader mnemonic
54	SenderLocation	Sender Location
55	SessionID	Session ID
56	AcceptableCounterparty	Acceptable Counterparty
57	UnacceptableCounterparty	Unacceptable Counterparty
58	EnteringUnit	Entering Unit
59	ExecutingUnit	Executing Unit
60	IntroducingBroker	Introducing Broker
61	QuoteOriginator	Quote originator
62	ReportOriginator	Report originator
63	SystematicInternaliser	Systematic internaliser (SI)
64	MultilateralTradingFacility	Multilateral Trading Facility (MTF). Identify using PartyIDSource(tag 447) = G (Market Identifier Code) if the MIC exists.
65	RegulatedMarket	Regulated Market (RM). Identify using PartyIDSource(tag 447) = G (Market Identifier Code) if the MIC exists.
66	MarketMaker	Market Maker
67	InvestmentFirm	Investment Firm
68	HostCompetentAuthority	Host Competent Authority (Host CA)
69	HomeCompetentAuthority	Home Competent Authority (Home CA)
70	CompetentAuthorityLiquidity	Competent Authority of the most relevant market in terms of liquidity (CAL)
71	CompetentAuthorityTransactionVenue	Competent Authority of the Transaction (Execution) Venue (CATV)
72	ReportingIntermediary	Reporting intermediary. The medium or vendor used to report to a regulator, non-regulatory agency or data repository.
73	ExecutionVenue	Execution Venue. Identify using PartyIDSource(tag 447) = G (Market Identifier Code) if the MIC exists.

<b>Code</b>	<b>Name</b>	<b>Description</b>
74	MarketDataEntryOriginator	Market data entry originator
75	LocationID	Location ID
76	DeskID	Desk ID
77	MarketDataMarket	Market data market
78	AllocationEntity	Allocation Entity
79	PrimeBroker	Prime Broker providing General Trade Services
80	StepOutFirm	Step-Out Firm (Prime Broker)
81	BrokerClearingID	Broker clearing identifier
82	CentralRegistrationDepository	Central Registration Depository (CRD)
83	ClearingAccount	Clearing Account
84	AcceptableSettlingCounterparty	Acceptable Settling Counterparty
85	UnacceptableSettlingCounterparty	Unacceptable Settling Counterparty
86	CLSMemberBank	CLS Member Bank
87	InConcertGroup	In Concert Group
88	InConcertControllingEntity	In Concert Controlling Entity
89	LargePositionsReportingAccount	Large Positions Reporting Account
90	SettlementFirm	Settlement Firm
91	SettlementAccount	Settlement account. The account to which individual payment obligations are aggregated for netting and funds movement. Typically represents the aggregation of many margin (performance bond) accounts.
92	ReportingMarketCenter	Reporting Market Center
93	RelatedReportingMarketCenter	Related Reporting Market Center
94	AwayMarket	Away Market. Identify using PartyIDSource(tag 447) = G (Market Identifier Code) if the MIC exists.
95	GiveupTradingFirm	Give-up (trading) firm
96	TakeupTradingFirm	Take-up (trading) firm
97	GiveupClearingFirm	Give-up clearing firm
98	TakeupClearingFirm	Take-up clearing firm
99	OriginatingMarket	Originating Market. Identifies the Market using PartyIDSource(tag 447) = G (Market Identifier Code) where an order originated in the event that the order is sent to an alternative market for execution. Serves as an inverse of an away market.

<b>Code</b>	<b>Name</b>	<b>Description</b>
100	MarginAccount	Margin account. Also referred to as "performance bond account". The margin account is the calculated margin requirements. Typically represents the aggregation of one or more position accounts.
101	CollateralAssetAccount	Collateral asset account. The account at which individual collateral assets are maintained. Typically, although not always, one-for-one with the settlement account.
102	DataRepository	Data repository. Multiple instances of this PartyRole may appear for reporting purposes.
103	CalculationAgent	Calculation agent
104	ExerciseNoticeSender	Sender of exercise notice
105	ExerciseNoticeReceiver	Receiver of exercise notice
106	RateReferenceBank	Rate reference bank. The bank providing the reference rate. Multiple instance of this PartyRole may appear.
107	Correspondent	Correspondent
109	BeneficiaryBank	Beneficiary's bank or depository institution. The institution in which the beneficiary, a person or an entity, has their account with. The institution may be a bank or non-bank institution.
110	Borrower	Borrower
111	PrimaryObligator	Primary obligator
112	Guarantor	Guarantor
113	ExcludedReferenceEntity	Excluded reference entity
114	DeterminingParty	Determining party
115	HedgingParty	Hedging party
116	ReportingEntity	Reporting entity. The entity that is reporting the information.
117	SalesPerson	Sales person. The person who is involved in the sales activities for their firm.
118	Operator	Operator. The person who has the capabilities and authorization to take certain actions; for example, setting entitlements, etc.
119	CSD	Central Securities Depository (CSD)
120	ICSD	International Central Securities Depository (ICSD)
121	TradingSubAccount	Trading sub-account. Example of sub-accounts include a clearing account that has multiple trading sub-accounts, a trading account that has multiple trading sub-accounts belonging to different trading firms.

Code	Name	Description
122	InvestmentDecisionMaker	Investment decision maker. In the context of ESMA RTS reporting, this is used to specify party responsible for the investment decision. See RTS 24, Annex, Table 2, Field 4.
123	PublishingIntermediary	Publishing intermediary. The medium or vendor used to publish to the market.
124	CSDParticipant	Central Securities Depository (CSD) Participant. In the context of EU SFTR reporting the identifier of the CSD participant or indirect participant of the reporting counterparty. Where both the CSD participant and indirect participant are involved in the transaction this should identify the indirect participant.
125	Issuer	Issuer. The issuer of the security.
126	ContraCustomerAccount	Contra Customer Account. Same as PartyRole(452) = 24 (Customer Account) but for the counterparty. Can be used whenever the parties component is not nested in a repeating group representing both sides.
127	ContraInvestmentDecisionMaker	Contra Investment Decision Maker. Same as PartyRole(452) = 122 (Investment Decision Maker) but for the counterparty. Can be used whenever the parties component is not nested in a repeating group representing both sides.

Used in groups: [SettlParties](#)

### 170.2.4843 SettlPartyRoleQualifier

Used to further qualify the value of SettlPartyRole(784).

Type: [int](#)

Allowed values in PartyDetailRoleQualifierCodeSet:

Code	Name	Description
0	Agency	Agency
1	Principal	Principal
2	RisklessPrincipal	Riskless principal
3	GeneralClearingMember	General clearing member
30	ExchangeOrderSubmitter	Exchange order submitter. Used to identify original or initial exchange order submitting broker when party role "1" (Executing Firm) appears more than once.



<b>Code</b>	<b>Name</b>	<b>Description</b>
4	IndividualClearingMember	Individual clearing member
5	PreferredMarketMaker	Preferred market maker. Market maker getting a part of the matched quantity before primary or default market maker.
6	DirectedMarketMaker	Directed market maker. Single market maker to handle the order provided.
7	Bank	Bank
8	Hub	Hub. Indicates that the Intermediary party is a hub system or service provider.
9	PrimaryTrdRepository	Primary trade repository. Used to differentiate the principal trade repository from the Original or Additional trade repositories when there are multiple trade repositories being reported.
10	OrigTrdRepository	Original trade repository. Used to identify the trade repository to which the trade was originally reported if different from the current repository to which the trade is being reported.
11	AddtnlIntlTrdRepository	Additional international trade repository. Used with InternationalSwapIndicator(2526) to identify the trade repository that is in addition to the local swaps data repository as required by U.S. law.
12	AddtnlDomesticTrdRepository	Additional domestic trade repository. Used with MixedSwapIndicator(1929) to identify the trade repository that is in addition to the current trade repository when the assets in the swap are subject to two different domestic regulators.
13	RelatedExchange	Related exchange
14	OptionsExchange	Options exchange
15	SpecifiedExchange	Specified exchange
16	ConstituentExchange	Constituent exchange.
17	ExemptFromTradeReporting	Exempt from trade reporting. In the context of FINRA TRACE reporting requirements, this is used to indicate the ATS has been granted a regulatory exemption from reporting.
18	Current	Current. Can be used to convey an existing party identifier for the same party role in a single message.
19	New	New. Can be used to convey a future party identifier for the same party role in a single message.
20	DesignatedSponsor	Designated sponsor. Market maker jointly providing liquidity for the same security with other market makers.
21	Specialist	Specialist. Market maker being the only one providing liquidity for a security.
22	Algorithm	Algorithm

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Code	Name	Description
23	FirmOrLegalEntity	Firm or legal entity
24	NaturalPerson	Natural person
25	RegularTrader	Regular trader. Standard trader profile.
26	HeadTrader	Head trader. Senior trader leading a group of regular traders.
27	Supervisor	Supervisor. Administrative user that has only limited rights for normal trading but possibly special rights for emergency actions.
28	TriParty	Tri-party. In the context of EU SFTR reporting, identifies the third party, not necessarily the custodian, to which the reporting counterparty has outsourced the post-trade processing of an SFT (if applicable).
29	Lender	Lender. In the context of EU SFTR reporting, identifies the agent lender involved in the securities lending transaction.

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Used in groups: [SettlParties](#)

#### **170.2.4844 SettlPartySubID**

PartySubID value within a settlement parties component.

Same values as PartySubID (523)

Type: [String](#)

Used in groups: [SettlPtysSubGrp](#)

#### **170.2.4845 SettlPartySubIDType**

Type of SettlPartySubID (785) value.

Same values as PartySubIDType (803)

Type: [int](#)

Allowed values in PartySubIDTypeCodeSet:

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Code	Name	Description
1	Firm	Firm
2	Person	Person

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<b>Code</b>	<b>Name</b>	<b>Description</b>
3	System	System
4	Application	Application
5	FullLegalNameOfFirm	Full legal name of firm
6	PostalAddress	Postal address
7	PhoneNumber	Phone number
8	EmailAddress	Email address
9	ContactName	Contact name
10	SecuritiesAccountNumber	Securities account number (for settlement instructions)
11	RegistrationNumber	Registration number (for settlement instructions and confirmations)
12	RegisteredAddressForConfirmation	Registered address (for confirmation purposes)
13	RegulatoryStatus	Regulatory status (for confirmation purposes)
14	RegistrationName	Registration name (for settlement instructions)
15	CashAccountNumber	Cash account number (for settlement instructions)
16	BIC	BIC
17	CSDParticipantMemberCode	CSD participant member code
18	RegisteredAddress	Registered address
19	FundAccountName	Fund account name
20	TelexNumber	Telex number
21	FaxNumber	Fax number
22	SecuritiesAccountName	Securities account name
23	CashAccountName	Cash account name
24	Department	Department
25	LocationDesk	Location desk
26	PositionAccountType	Position account type
27	SecurityLocateID	Security locate ID
28	MarketMaker	Market maker
29	EligibleCounterparty	Eligible counterparty
30	ProfessionalClient	Professional client
31	Location	Location
32	ExecutionVenue	Execution venue
33	CurrencyDeliveryIdentifier	Currency delivery identifier
34	AddressCity	Address City
35	AddressStateOrProvince	Address State/Province

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Code	Name	Description
36	AddressPostalCode	Address Postal Code
37	AddressStreet	Address Street
38	AddressISOCountryCode	Address Country (ISO country code)
39	ISOCountryCode	ISO country code
40	MarketSegment	Market segment
41	CustomerAccountType	Customer account type
42	OmnibusAccount	Omnibus account
43	FundsSegregationType	Funds segregation type
44	GuaranteeFund	Guarantee fund. Identifies a guarantee fund related to an account. Used when one account has multiple funds of collateral, each guaranteeing different positions. Can be used for PartyRole(452) = Customer Account(24).
45	SwapDealer	Swap dealer. The US regulator's defined term for identifying the trade counterparty as "any person who holds itself out as a dealer in swaps, makes a market in swaps, regularly enters into swaps with counterparties as an ordinary course of business for its own account, or engages in activity causing itself to be commonly known in the trade as a dealer or market maker in swaps".
46	MajorParticipant	Major participant. When PartySubID(523)=Y the counterparty is not the swap dealer but is a major swap participant as defined in the regulations.
47	FinancialEntity	Financial entity. When PartySubID(523)=Y the counterparty is neither a swap dealer nor a major swap participant but is a financial entity as defined in the regulations.
48	USPerson	U.S. person. A legal term referring to any U.S. person or legal entity anywhere in the world that should be taxed under U.S. law.
49	ReportingEntityIndicator	Reporting entity indicator. Indicates the entity obligated or delegated to report to their regulator, a non-regulatory agency or data repository. Set PartySubID(523)=Y if true.
50	ElectedClearingRequirementException	Elected clearing requirement exception
51	BusinessCenter	Business center.
52	ReferenceText	Reference text
53	ShortMarkingExemptAccount	Short-marking exempt account
54	ParentFirmIdentifier	Parent firm identifier. Implementation-specific identifier of this party's parent entity.
55	ParentFirmName	Parent firm name. Full name of this party's parent entity.

Code	Name	Description
56	DealIdentifier	Deal identifier. The internal identifier assigned to the trade by this party, particularly by a Clearing Organization.
57	SystemTradeID	System trade identifier
58	SystemTradeSubID	System trade sub-identifier
59	FCMCode	Futures Commission Merchant (FCM) code. The FCM's code or identifier in relation to the PartyRole(452). For example, if PartyRole(452) is the exchange or clearinghouse, the FCM code/ID specified in PartySubID(523) is the FCM's identifier at the exchange or clearinghouse.
60	DlvryTrmlCode	Delivery terminal customer account/code. Usually used for gas delivery to identify whose account the gas is allocated to at the delivery terminal. Often referred to as "HUB" code.
61	VolntyRptEntity	Voluntary reporting entity. The entity voluntarily reporting the trade to the regulator. Set PartySubID(523)=Y if true.
62	RptObligJurisdiction	Reporting obligation jurisdiction. For a trade that falls under multiple jurisdictions this may be used to identify, through PartySubID(523), the reporting jurisdiction to which the party is obligated to report.
63	VolntyRptJurisdiction	Voluntary reporting jurisdiction. For a trade that falls under multiple jurisdictions this may be used to identify, through PartySubID(523), the regulatory jurisdiction to which the party is submitting a voluntary report.
64	CompanyActivities	Company activities. For regulatory reporting. ID values include: A = Assurance undertaking authorized in accordance with Directive 2002/83/EC C = Credit institution authorized in accordance with Directive 2006/48/EC F = Investment firm in accordance with Directive 2004/39/EC I = Insurance undertaking authorized in accordance with Directive 73/239/EC L = Alternative investment fund managed by AIFMs authorized or registered in accordance with Directive 2011/61/EC O = Institution for occupational retirement provision within the meaning of Article 6(a) of Directive 2003/41/EC R = Reinsurance undertaking authorized in accordance with Directive 2005/68/EC U = UCITS and its management company, authorized in accordance with Directive 2009/65/EC or blank in case of coverage by LEI or in case of non-financial counterparties. In the context of EU SFTR reporting use the appropriate 4- or 1-character code noted in the regulations. See SFTR ITS "Commission Implementing Regulation (EU) 2019/363" Annexes 1 and 2 for values.
65	EEAreaDomiciled	European Economic Area domiciled. ID values: Y or N

<b>Code</b>	<b>Name</b>	<b>Description</b>
66	ContractLinked	Contract linked to commercial or treasury financing for this counterparty. ID values: Y or N
67	ContractAbove	Contract above clearing threshold for this counterparty. ID values: Y or N
68	VolntyRptPty	Voluntary reporting party. When PartySubID(523)=Y, identifies that the trading party is reporting voluntarily when VoluntaryRegulatoryReport(1935)=Y.
69	EndUser	End user. When PartySubID(523)=Y, the counterparty is neither the swap dealer, major swap participant nor financial entity as defined in the regulations.
70	LocationOrJurisdiction	Location or jurisdiction. One or more instances may be used in combination with PartySubIDType(803) = 49 (Reporting entity indicator) or 102 (Data repository) to identify the jurisdiction, countries, regions or provinces for which the party is a reporting entity or data repository when that characteristic is ambiguous or where there are multiple locations. The party sub-ID value is either a jurisdiction acronym, a 2-character ISO 3166 country code, or a hyphenated combination of the country code and the standard post-office abbreviation for province, state or region if necessary. E.g. "US" for United States or "CA-QC" for Quebec Canada.
71	DerivativesDealer	Derivatives dealer. Indicates whether the party is a derivatives dealer or not (Y/N). The Canadian regulator's defined term for identifying the trade counterparty as "a person or company engaging in or holding himself, herself or itself out as engaging in the business of trading in derivatives in Ontario as principal or agent".
72	Domicile	Domicile. Country and optionally province, state or region of domicile. The party sub-ID value is either a 2-character ISO 3166 country code or a hyphenated combination of the country code and the standard post-office abbreviation of province, state or region if necessary. E.g. "US" for United States or "CA-QC" for Quebec Canada.
73	ExemptFromRecognition	Exempt from recognition. Used with party role 21 "Clearing Organization" to indicate exemption (Y/N). Identifies a clearing agency as exempt from oversight in Ontario, i.e. one that 1) only provides limited services and does not present significant risks or 2) is foreign-based, intends to operate in Ontario but is subject to regulatory oversight in another jurisdiction.

Code	Name	Description
74	Payer	Payer. Identifies the party as the payer of a particular payment stream or bullet payment by quoting the stream's StreamDesc(40051) (or LegStreamDesc(40243) or UnderlyingStreamDesc(40542)) or payment's PaymentDesc(43087) in the associated party sub-identifier field.
75	Receiver	Receiver. Identifies the party as the receiver of a particular payment stream or bullet payment by quoting the stream's StreamDesc(40051) (or LegStreamDesc(40243) or UnderlyingStreamDesc(40542)) or payment's PaymentDesc(43087) in the associated party sub-identifier field.
76	SystematicInternaliser	Systematic Internaliser (SI). In the context of ESMA reporting, this is used to indicate whether the specified party is a Systematic Internaliser or not for the security defined in the Instrument component (Y/N).
77	PublishingEntityIndicator	Publishing entity indicator. Indicates the entity obligated or delegated to publish to the market. Set PartySubID(523)=Y if true.
78	FirstName	First name. The first name(s) of a natural person. If multiple names, separate entries by a comma.
79	Surname	Surname. The surname(s) or lastname(s) of a natural person. If multiple names, separate entries by a comma.
80	DateOfBirth	Date of birth. The date of birth of a natural person in the format YYYYMMDD.
81	OrderTransmittingFirm	Order transmitting firm. Identifies whether the party specified in PartyID(448) is the firm that transmitted the order. In the context of RTS 22 Article 4, when "true" the PartySubID(523)=Y shall be set "by the transmitting firm within the transmitting firm's report where conditions for transmission specified in Article 4 were not satisfied."
82	OrderTransmittingFirmBuyer	Order transmitting firm for buyer. Identifies the firm that transmitted the order for the buyer. In the context of ESMA RTS 22, PartySubID(523)=Y is used to indicate the firm identified in PartyID(448) is the firm that transmitted the order for the buyer. "This shall be populated by the receiving firm within the receiving firm's report with the identification code provided by the transmitting firm."

Code	Name	Description
83	OrderTransmitterSeller	Order transmitter for seller. Identifies the order transmitting firm for the seller. In the context of ESMA RTS 22, PartySubID(523)=Y is used to indicate the firm identified in PartyID(448) is the firm that transmitted the order for the seller. "This shall be populated by the receiving firm within the receiving firm's report with the identification code provided by the transmitting firm."
84	LegalEntityIdentifier	Legal Entity Identifier (ISO 17442) LEI
85	SubSectorClassification	Sub-sector classification. Supplemental to party sub-ID type "64" (Company activities) for regulatory reporting. For EU SFTR reporting use the appropriate 4-character code noted in the regulations applying the conditional association rules. See SFTR ITS "Commission Implementing Regulation (EU) 2019/363" Annexes 1 and 2 for values.
86	PartySide	Party side. May be used, when appropriate, to explicitly indicate the transaction side of the party, e.g. Buyer, Seller, Lender, Borrower, Maker, Taker, etc. in the ID. In the context of EU SFTR reporting, use values as required by SFTR, "GIVE" and "TAKE" in the ID, to identify collateral giver and taker.
87	LegalRegistrationCountry	Legal registration country. ISO Country Code where the registered office of the party is located as specified in the LEI reference data.

Used in groups: [SettlPtysSubGrp](#)

### 170.2.4846 **SettlPrice**

Settlement price

Type: [Price](#)

Used in messages: [AdjustedPositionReport](#), [AssignmentReport](#), [PositionReport](#), [SecurityStatus](#)

### 170.2.4847 **SettlPriceDeterminationMethod**

Calculation method used to determine settlement price.

Type: [int](#)

Allowed values in [SettlPriceDeterminationMethodCodeSet](#):



Code	Name	Description
0	Unknown	Unknown
1	LastTradePrice	Last trade price
2	LastBidPrice	Last bid price
3	LastOfferPrice	Last offer price
4	MidPrice	Mid price. The price at the mid-point between last bid and last offer price.
5	AverageLastTradePrice	Average last trade price. The average price across a bi-laterally agreed number of trades, e.g. last five trades.
6	AverageLastTradePeriod	Average last trade period. Average price across bi-laterally agreed time period, e.g. last minute of trading.
7	UnderlyingPrice	Underlying price. Based on price of underlying instrument.
8	CalculatedPrice	Calculated price. Other calculation method, e.g. theoretical price.
9	ManualPrice	Manual price. Manually entered price.

Used in groups: [MDFullGrp](#), [MDIncGrp](#)

Used in messages: [SecurityStatus](#)

#### 170.2.4848 SettlPriceFxRateCalc

Specifies whether LastPx(31) [TradeCaptureReport](#) or SettlPrice(730) [PositionReport](#) should be multiplied or divided.

Type: [char](#)

Allowed values in SettlCurrFxRateCalcCodeSet:

Code	Name	Description
M	Multiply	Multiply
D	Divide	Divide

Used in messages: [PositionReport](#), [TradeCaptureReport](#)

#### 170.2.4849 SettlPriceIncrement

Settlement price increment for stated price range.

Type: **Price**

Used in groups: **TickRules**

### **170.2.4850 SettlPriceSecondaryIncrement**

Secondary settlement price increment for stated price range. The meaning of secondary is left to bilateral agreement, e.g. it may refer to final settlement for a contract.

Type: **Price**

Used in groups: **TickRules**

### **170.2.4851 SettlPriceType**

Type of settlement price

Type: **int**

Allowed values in SettlPriceTypeCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
1	Final	Final
2	Theoretical	Theoretical

---

Used in groups: **MDFullGrp**, **MDIncGrp**

Used in messages: **AssignmentReport**, **PositionReport**, **SecurityStatus**

### **170.2.4852 SettlPriceUnitOfMeasure**

Used to express the unit of measure of the settlement price if different from the contract.

Type: **String**

Allowed values in UnitOfMeasureCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
Alw	Allowances	Allowances
Bcf	BillionCubicFeet	Billion cubic feet
Bbl	Barrels	Barrels. Equal to 42 US gallons

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
CBM	CubicMeters	Cubic Meters
BDFT	BoardFeet	Board feet. Equal to 144 cubic inches
GJ	Gigajoules	gigajoules
Bu	Bushels	Bushels
kHR	HeatRate	Heat rate. The number of BTUs required to produce one kilowatt hour of electricity, typically 3,412.14 BTUs per 1 kWh.
Ccy	Currency	Amount of currency
kWh	KilowattHours	Kilowatt hours
CDD	CoolingDegreeDay	Cooling degree day
MHR	MegaHeatRate	Mega heat rate. The number of million BTUs required to produce one megawatt hour of electricity, typically 3.41214 million BTUs per 1 MWh.
CER	CertifiedEmissionsReduction	Certified emissions reduction
MMBtu	OneMillionBTU	One Million BTU
CPD	CriticalPrecipDay	Critical precipitation day
MWh	MegawattHours	Megawatt hours
CRT	ClimateReserveTonnes	Climate reserve tonnes
thm	Therms	therms. Equal to 100,000 BTU
cwt	Hundredweight	Hundredweight(US). Equal to 100 lbs
tnCO2	TonsOfCarbonDioxide	Tons of carbon dioxide
day	Day	Days
dt	DryMetricTons	Dry metric tons
EnvAllwnc	EnvAllwncCert	Environmental allowance certificates
EnvCrd	EnvironmentalCredit	Environmental credit
EnvOfst	EnvironmentalOffset	Environmental Offset
g	Grams	Grams
Gal	Gallons	Gallons
GT	GrossTons	Gross tons. Also known as long tons or imperial tons, equal to 2240 lbs
HDD	HeatingDegreeDay	Heating degree day
IPNT	IndexPoint	Index point
kg	Kilograms	Kilograms
kL	Kiloliters	kiloliters
kW-a	KilowattYear	Kilowatt year (electrical capacity)
kW-d	KilowattDay	Kilowatt day (electrical capacity)

<b>Code</b>	<b>Name</b>	<b>Description</b>
kW-h	KilowattHour	Kilowatt hour (electrical capacity)
kW-M	KilowattMonth	Kilowatt month (electrical capacity)
kW-min	KilowattMinute	Kilowatt-Minute (electrical capacity)
L	Liters	liters
lbs	Pounds	pounds
MW-a	MegawattYear	Megawatt year (electrical capacity)
MW-d	MegawattDay	Megawatt day (electrical capacity)
MW-h	MegawattHour	Megawatt hour (electrical capacity)
MW-M	MegawattMonth	Megawatt month (electrical capacity)
MW-min	MegawattMinute	Megawatt minute (electrical capacity)
oz_tr	TroyOunces	Troy ounces
PRINC	PrincipalWithRelationToDebtInstrument	Principal with relation to debt instrument
t	MetricTons	Metric tons. Also known as Tonnes, equal to 1000 kg
tn	Tons	Tons (US). Equal to 2000 lbs
a	Are	Are
ac	Acre	Acre
cL	Centiliter	Centiliter
cM	Centimeter	Centimeter
DGE	DieselGallonEquivalent	Diesel gallon equivalent
ft	Foot	Foot
Gal_gb	GBGallon	GB Gallon
GGE	GasolineGallonEquivalent	Gasonline gallon equivalent
ha	Hectare	Hectare
in	Inch	Inch
kM	Kilometer	Kilometer
M	Meter	Meter
mi	Mile	Mile
mL	Milliliter	Milliliter
mM	Millimeter	Millimeter
oz	USOunce	US ounce
pc	Piece	Piece
pt	USPint	US Pint
pt_gb	GBPint	GB pint

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
qt	USQuart	US Quart
qt_gb	GBQuart	GB Quart
SqcM	SquareCentimeter	Square centimeter
Sqft	SquareFoot	Square foot
Sqin	SquareInch	Square inch
SqkM	SquareKilometer	Square kilometer
SqM	SquareMeter	Square meter
Sqmi	SquareMile	Square mile
SqmM	SquareMillimeter	Square millimeter
Sqyd	SquareYard	Square yard
yd	Yard	Yard
MMbbl	MillionBarrels	Million Barrels
USD	USDollars	US Dollars

---

Used in messages: [PositionReport](#)

#### **170.2.4853 SettlPriceUnitOfMeasureCurrency**

Indicates the currency of the settlement price unit of measure if expressed in another currency than the base currency.

Conditionally required when SettlPriceUnitOfMeasure(1886)=Ccy.

Type: [Currency](#)

Used in messages: [PositionReport](#)

#### **170.2.4854 SettlPriceUnitOfMeasureCurrencyCodeSource**

Identifies the class or source of the SettlPriceUnitOfMeasureCurrency(1887) value.

Type: [String](#)

Allowed values in CurrencyCodeSourceCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
1	CUSIP	CUSIP

---

Code	Name	Description
2	SEDOL	SEDOL
4	ISINNumber	ISIN
6	ISOCurrencyCode	ISO Currency Code (ISO 4217)
S	FinancialInstrumentGlobalIdentifier	Financial Instrument Global Identifier. An Object Management Group (OMG) standard. Also referred to as FIGI. Formerly known as "Bloomberg Open Symbology BBGID".
Y	DigitalTokenIdentifier	Digital Token Identifier (ISO 24165)

Used in messages: [PositionReport](#)

### 170.2.4855 SettlPtysSubGrp

Name	Mult.	Type	Description
<a href="#">NoSettlPartySubIDs</a>	[1..1]	NumInGroup	
<a href="#">SettlPartySubID</a>	[0..1]	String	
<a href="#">SettlPartySubIDType</a>	[0..1]	CodeSet	

Used in groups: [SettlParties](#)

### 170.2.4856 SettlRateDisruptionFallbackGrp

The [SettlRateDisruptionsFallbackGrp](#) is a repeating subcomponent of the [PaymentStreamNonDeliverableSettlTermGrp](#) component used to specify the method, prioritized by the order it is listed, to get a replacement rate for a disrupted settlement rate option for a non-deliverable settlement currency.

Name	Mult.	Type	Description
<a href="#">NoSettlRateFallbacks</a>	[1..1]	NumInGroup	
<a href="#">SettlRatePostponementMaximumDays</a>	[0..1]	int	Required if <a href="#">NoSettlRateFallbacks(40085)</a> > 0.
<a href="#">SettlRateFallbackRateSource</a>	[0..1]	Component	
<a href="#">SettlRatePostponementSurvey</a>	[0..1]	Boolean	
<a href="#">SettlRatePostponementCalculationAgent</a>	[0..1]	CodeSet	

Used in components: [PaymentStreamNonDeliverableSettlTerms](#)

**170.2.4857 SettlRateFallbackRateSource**

Identifies the source of rate information.

Type: **int**

Allowed values in RateSourceCodeSet:

Code	Name	Description
0	Bloomberg	Bloomberg
1	Reuters	Reuters
2	Telerate	Telerate
3	ISDARateOption	ISDA Settlement Rate Option. The source of the currency conversion as specified by the ISDA terms in Annex A to the 1998 FX and Currency Option Definitions. See <a href="http://www.fpml.org/coding-scheme/settlement-rate-option">http://www.fpml.org/coding-scheme/settlement-rate-option</a>
99	Other	Other

Used in components: **SettlRateFallbackRateSource**

**170.2.4858 SettlRateFallbackRateSource**

SettlRateFallbackRateSource is a subcomponent of the SettlRateDisruptionFallbackGrp component used to specify the rate source in the event of rate disruption fallback.

Name	Mult.	Type	Description
<b>SettlRateFallbackRateSource</b>	[0..1]	CodeSet	
<b>SettlRateFallbackReferencePage</b>	[0..1]	String	Conditionally required when SettlRateFallbackRateSource(40373) = 3 (ISDA Settlement Rate Option) or 99 (Other).

Used in groups: **SettlRateDisruptionFallbackGrp**

**170.2.4859 SettlRateFallbackReferencePage**

Identifies the reference "page" from the rate source.

When `SettlRateFallbackRateSource(40373) = 3` (ISDA Settlement Rate Option) this contains the value from the scheme that reflects the terms of the Annex A to the ISDA 1998 FX and Currency Option Definitions. See: <http://www.fpml.org/coding-scheme/settlement-rate-option>

Type: **String**

Used in components: **SettlRateFallbackRateSource**

### **170.2.4860 SettlRateIndex**

In an outright or forward commodity trade that is cash settled this is the index used to determine the cash payment.

Type: **String**

Used in components: **Instrument**

### **170.2.4861 SettlRateIndexLocation**

This is an optional qualifying attribute of `SettlRateIndex(1577)` such as the delivery zone for an electricity contract.

Type: **String**

Used in components: **Instrument**

### **170.2.4862 SettlRatePostponementCalculationAgent**

Used to identify the settlement rate postponement calculation agent.

Type: **int**

Allowed values in `ProvisionCalculationAgentCodeSet`:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	ExercisingParty	Exercising party
1	NonExercisingParty	Non-exercising party
2	MasterAgreement	As specified in the master agreement
3	Supplement	As specified in the standard terms supplement

---

Used in groups: **SettlRateDisruptionFallbackGrp**



**170.2.4863 SettlRatePostponementMaximumDays**

The maximum number of days to wait for a quote from the disrupted settlement rate option before proceeding to this method.

Type: **int**

Used in groups: **SettlRateDisruptionFallbackGrp**

**170.2.4864 SettlRatePostponementSurvey**

Indicates whether to request a settlement rate quote from the market.

Type: **Boolean**

Used in groups: **SettlRateDisruptionFallbackGrp**

**170.2.4865 SettlSessID**

Identifies a specific settlement session

Type: **String**

Allowed values in SettlSessIDCodeSet:

<b>Code</b>	<b>Name</b>	<b>Description</b>
ITD	Intraday	Intraday
RTH	RegularTradingHours	Regular Trading Hours
ETH	ElectronicTradingHours	Electronic Trading Hours
EOD	EndOfDay	End Of Day

Used in messages: **AccountSummaryReport, AdjustedPositionReport, AssignmentReport, CollateralAssignment, CollateralInquiry, CollateralInquiryAck, CollateralReport, CollateralRequest, MarginRequirementInquiry, MarginRequirementInquiryAck, MarginRequirementReport, PositionMaintenanceReport, PositionMaintenanceRequest, PositionReport, RequestForPositions, RequestForPositionsAck, TradeCaptureReport, TradeCaptureReportAck**

**170.2.4866 SettlSessSubID**

SubID value associated with SettlSessID(716)

Type: **String**

Used in messages: **AccountSummaryReport**, **AssignmentReport**, **CollateralAssignment**, **CollateralInquiry**, **CollateralInquiryAck**, **CollateralReport**, **CollateralRequest**, **MarginRequirementInquiry**, **MarginRequirementInquiryAck**, **MarginRequirementReport**, **PositionMaintenanceReport**, **PositionMaintenanceRequest**, **PositionReport**, **RequestForPositions**, **RequestForPositionsAck**, **TradeCaptureReport**, **TradeCaptureReportAck**

### **170.2.4867 SettlStatus**

The settlement status of the identified trade.

Type: **String**

Used in messages: **SettlementStatusReport**

### **170.2.4868 SettlStatusReason**

Used to provide additional reason or qualify the reason for the settlement status specified in **SettlStatus(2968)**.

Type: **String**

Used in messages: **SettlementStatusReport**

### **170.2.4869 SettlStatusReasonText**

Text description associated with **SettlStatusReason(2969)**.

Type: **String**

Used in messages: **SettlementStatusReport**

### **170.2.4870 SettlStatusReportID**

Unique identifier of the **SettlementStatusReport(35=EE)**.

Type: **String**

Used in messages: **SettlementStatusReport**, **SettlementStatusReportAck**

**170.2.4871 SettlStatusReportStatus**

Status of the report being responded to.

Type: **int**

Allowed values in SettlStatusReportStatusCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	Received	Received, not yet processed
1	Accepted	Accepted
2	Rejected	Rejected. Rejection reason provided in RejectText(1328).

---

Used in messages: **SettlementStatusReportAck**

**170.2.4872 SettlStatusRequestID**

Unique identifier of the SettlementStatusRequest(35=EC).

Type: **String**

Used in messages: **SettlementStatusReport, SettlementStatusRequest, SettlementStatusRequestAck**

**170.2.4873 SettlStatusRequestStatus**

Status of the SettlementStatusRequest(35=EC) message being responded to.

Type: **int**

Allowed values in SettlStatusRequestStatusCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	Received	Received, not yet processed
1	Accepted	Accepted
2	Rejected	Rejected. Rejection reason provided in RejectText(1328).

---

Used in messages: **SettlementStatusRequestAck**

**170.2.4874 SettlSubMethod**

Specifies a suitable settlement sub-method for a given settlement method.

Type: **int**

Allowed values in SettlSubMethodCodeSet:

Code	Name	Description
1	Shares	Shares.
2	Derivatives	Derivatives.
3	PaymentVsPayment	Payment vs payment.
4	Notional	Notional.
5	Cascade	Cascade.
6	Repurchase	Repurchase.
99	Other	Other.

Used in components: **Instrument**

**170.2.4875 SettlTradeDetails**

SettlTradeDetails component is used to provide the details which can be used to look up a single trade.

Name	Mult.	Type	Description
<b>ConfirmID</b>	[0..1]	String	May be used to identify the trade via the known Confirmation(35=AK) message.
<b>AllocID</b>	[0..1]	String	May be used to identify the trade via the known AllocationInstruction(35=J) message.
<b>IndividualAllocID</b>	[0..1]	String	May be used to identify the trade via a specific allocated account instance of an AllocationInstruction(35=J) this IndividualAllocID(467) is part of. If specified AllocID(70) should be specified.
<b>SecondaryAllocID</b>	[0..1]	String	May be used to identify the trade via a specific allocated account instance of an AllocationInstruction(35=J) this SecondaryAllocID(793) is part of. If specified AllocID(70) should be specified.

Name	Mult.	Type	Description
AllocAccount	[0..1]	String	
TradeDate	[0..1]	LocalMktDate	
Instrument	[0..1]	Component	
AllocQty	[0..1]	Qty	
Side	[0..1]	CodeSet	
AvgPx	[0..1]	Price	
PriceType	[0..1]	CodeSet	
AvgParPx	[0..1]	Price	
GrossTradeAmt	[0..1]	Amt	
NetMoney	[0..1]	Amt	
Currency	[0..1]	Currency	
CurrencyCodeSource	[0..1]	CodeSet	
QtyType	[0..1]	CodeSet	
NestedParties	[0..*]	Group	
SettlDate	[0..1]	LocalMktDate	
SettlCurrAmt	[0..1]	Amt	
SettlCurrency	[0..1]	Currency	
SettlCurrencyCodeSource	[0..1]	CodeSet	
SettlInstructionsData	[0..1]	Component	

Used in messages: [SettlementStatusReport](#), [SettlementStatusRequest](#)

### 170.2.4876 SettlType

Indicates order settlement period. If present, SettlDate (64) overrides this field. If both SettlType (63) and SettlDate (64) are omitted, the default for SettlType (63) is 0 (Regular)

Regular is defined as the default settlement period for the particular security on the exchange of execution.

In Fixed Income the contents of this field may influence the instrument definition if the SecurityID (48) is ambiguous. In the US an active Treasury offering may be re-opened, and for a time one CUSIP will apply to both the current and "when-issued" securities. Supplying a value of "7" clarifies the instrument description; any other value or the absence of this field should cause the respondent to default to the active issue.

Additionally the following patterns may be used as well as enum values

Dx = FX tenor expression for "days", e.g. "D5", where "x" is any integer > 0

Mx = FX tenor expression for "months", e.g. "M3", where "x" is any integer > 0

Wx = FX tenor expression for "weeks", e.g. "W13", where "x" is any integer > 0

Yx = FX tenor expression for "years", e.g. "Y1", where "x" is any integer > 0

Noted that for FX the tenors expressed using Dx, Mx, Wx, and Yx values do not denote business days, but calendar days.

Type: **String**

Allowed values in SettlTypeCodeSet:

Code	Name	Description
0	Regular	Regular / FX Spot settlement (T+1 or T+2 depending on currency)
1	Cash	Cash (TOD / T+0)
2	NextDay	Next Day (TOM / T+1)
3	TPlus2	T+2
4	TPlus3	T+3
5	TPlus4	T+4
6	Future	Future
7	WhenAndIfIssued	When And If Issued
8	SellersOption	Sellers Option
9	TPlus5	T+5
B	BrokenDate	Broken date. Use within FX to specify a non-standard tenor. The use of SettlDate(64) is required to specify the actual settlement date when SettlType(63) = B (Broken date).
C	FXSpotNextSettlement	FX Spot Next settlement (Spot+1, aka next day)

Used in groups: **BidCompReqGrp**, **BidCompRspGrp**, **InstrmtMDReqGrp**, **ListOrdGrp**, **MDFullGrp**, **MDIncGrp**, **QuotReqGrp**, **QuotReqRjctGrp**, **StrmAsgnReqInstrmtGrp**, **StrmAsgnRptInstrmtGrp**

Used in messages: **AllocationInstruction**, **AllocationInstructionAlert**, **AllocationReport**, **Confirmation**, **CrossOrderCancelReplaceRequest**, **ExecutionReport**, **MultilegOrderCancelReplace**, **NewOrderCross**, **NewOrderMultileg**, **NewOrderSingle**, **OrderCancelReplaceRequest**, **Quote**, **QuoteResponse**, **QuoteStatusReport**, **TradeCaptureReport**, **TradeCaptureReportAck**

**170.2.4877 SharedCommission**

Commission to be shared with a third party, e.g. as part of a directed brokerage commission sharing arrangement.

Type: **Amt**

Used in messages: **Confirmation**

**170.2.4878 ShortMarkingExemptIndicator**

Indicates whether the originating account is exempt (Y) from marking orders as short or not (N). This designation may be used on both buy and sell orders.

Type: **Boolean**

Used in groups: **ListOrdGrp, SideCrossOrdModGrp, TrdCapRptSideGrp**

Used in messages: **ExecutionReport, MultilegOrderCancelReplace, NewOrderMultileg, NewOrderSingle, OrderCancelReplaceRequest**

**170.2.4879 ShortQty**

Short quantity.

Type: **Qty**

Used in groups: **PositionQty, TradePositionQty**

**170.2.4880 ShortSaleExemptionReason**

Indicates the reason a short sale order is exempted from applicable regulation (e.g. Reg SHO addendum (b)(1) in the U.S.).

Type: **int**

Allowed values in ShortSaleExemptionReasonCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	ExemptionReasonUnknown	Exemption reason unknown. An exemption reason not provided or received.

---

Code	Name	Description
1	IncomingSSE	Income sell short exempt. Agency broker has the customer's exemption reason, which is not explicitly provided to executing broker.
2	AboveNationalBestBid	Above national best bid (broker/dealer provision). Broker / dealer responsible for enforcing exemption rule has determined that the order is priced one or more ticks above the nation best bid of the security to be traded.
3	DelayedDelivery	Delayed delivery. The broker-dealer has a reasonable basis to believe the seller owns the covered security (pursuant to Rule 200 in the U.S.), but is subject to restrictions on delivery, provided that the seller intends to deliver the security as soon as all restrictions on delivery have been removed.
4	OddLot	Odd lot. The broker-dealer has a reasonable basis to believe the sale is by a market maker to offset customer odd-lot orders or to liquidate an odd-lot position that changes such broker's or dealer's position by no more than a unit of trading.
5	DomesticArbitrage	Domestic arbitrage. The sale is connected to a bona-fide domestic arbitrage transaction.
6	InternationalArbitrage	International arbitrage. The sale is connected to an international arbitrage transaction.
7	UnderwriterOrSyndicateDistribution	Underwriter or syndicate distribution. The short sale is (i) by an underwriter or member of a syndicate or group participating in the distribution of a security in connection with an over-allotment of securities; or (ii) is for purposes of a lay-off sale by an underwriter or member of a syndicate or group in connection with a distribution of securities through a rights or standby underwriting commitment.
8	RisklessPrincipal	Riskless principal. The short sale is by a broker or dealer effecting the execution of a customer purchase or the execution of a customer "long" sale on a riskless principal basis.
9	VWAP	VWAP. The short sale order is for the sale of a covered security at the volume weighted average price (VWAP) meeting certain criteria.

Used in groups: [ListOrdGrp](#)

Used in messages: [ExecutionReport](#), [NewOrderSingle](#), [OrderCancelReplaceRequest](#)



**170.2.4881 ShortSaleReason**

Reason for short sale.

Type: **int**

Allowed values in ShortSaleReasonCodeSet:

Code	Name	Description
0	DealerSoldShort	Dealer Sold Short
1	DealerSoldShortExempt	Dealer Sold Short Exempt
2	SellingCustomerSoldShort	Selling Customer Sold Short
3	SellingCustomerSoldShortExempt	Selling Customer Sold Short Exempt
4	QualifiedServiceRepresentative	Qualified Service Representative (QSR) or Automatic Give-up (AGU) Contra Side Sold Short
5	QSRorAGUContraSideSoldShortExempt	QSR or AGU Contra Side Sold Short Exempt

Used in messages: **TradeCaptureReport**, **TradeCaptureReportAck**

**170.2.4882 ShortSaleRestriction**

Indicates whether a restriction applies to short selling a security.

Type: **int**

Allowed values in ShortSaleRestrictionCodeSet:

Code	Name	Description
0	NoRestrictions	No restrictions
1	SecurityNotShortable	Security is not shortable
2	SecurityNotShortableAtOrBelowBestBid	Security not shortable at or below the best bid
3	SecurityNotShortableWithoutPre-Borrow	Security is not shortable without pre-borrow

Used in components: **Instrument**

**170.2.4883 Side**

Side of order (see Volume : "Glossary" for value definitions)

Type: **char**

Allowed values in SideCodeSet:

Code	Name	Description
1	Buy	Buy. For Securities Financing indicates the receipt of securities or collateral.
2	Sell	Sell. For Securities Financing indicates the delivery of securities or collateral.
3	BuyMinus	Buy minus
4	SellPlus	Sell plus
5	SellShort	Sell short
6	SellShortExempt	Sell short exempt
7	Undisclosed	Undisclosed
8	Cross	Cross (orders where counterparty is an exchange, valid for all messages except IOIs)
9	CrossShort	Cross short
A	CrossShortExempt	Cross short exempt
B	AsDefined	"As Defined" (for use with multileg instruments)
C	Opposite	"Opposite" (for use with multileg instruments)
D	Subscribe	Subscribe (e.g. CIV)
E	Redeem	Redeem (e.g. CIV)
F	Lend	Lend (FINANCING - identifies direction of collateral)
G	Borrow	Borrow (FINANCING - identifies direction of collateral)
H	SellUndisclosed	Sell undisclosed. In the context of ESMA RTS 22, this allows for reporting of transactions where the investment firm (broker) is not able to determine whether the sell is a short sale transaction. Corresponds to RTS 22 "short selling indicator" value of 'UNDI'.

Used in components: **MDStatisticParameters, SettlTradeDetails**

Used in groups: **BidCompReqGrp, BidCompRspGrp, InstrmtStrkPxGrp, ListOrdGrp, OrderEntryAckGrp, OrderEntryGrp, QuotReqGrp, QuotReqRjctGrp, SettlInstGrp, SideCrossOrdCxlGrp, SideCrossOrdModGrp, TrdCapRptAckSideGrp, TrdCapRptSideGrp, TrdMatchSideGrp**

Used in messages: [AllocationInstruction](#), [AllocationInstructionAlert](#), [AllocationReport](#), [CollateralAssignment](#), [CollateralInquiry](#), [CollateralReport](#), [CollateralRequest](#), [CollateralResponse](#), [Confirmation](#), [DontKnowTrade](#), [ExecutionAck](#), [ExecutionReport](#), [IOI](#), [MultilegOrderCancelReplace](#), [NewOrderMultileg](#), [NewOrderSingle](#), [OrderCancelReplaceRequest](#), [OrderCancelRequest](#), [OrderMassActionReport](#), [OrderMassActionRequest](#), [OrderMassCancelReport](#), [OrderMassCancelRequest](#), [OrderMassStatusRequest](#), [OrderStatusRequest](#), [PartyRiskLimitCheckRequest](#), [PartyRiskLimitCheckRequestAck](#), [Quote](#), [QuoteResponse](#), [QuoteStatusReport](#), [SettlementInstructionRequest](#), [TradeAggregationReport](#), [TradeAggregationRequest](#), [TradeCaptureReportRequest](#)

### **170.2.4884 SideAvgPx**

Calculated average price for this side of the trade.

Type: [Price](#)

Used in groups: [TrdCapRptAckSideGrp](#), [TrdCapRptSideGrp](#)

### **170.2.4885 SideAvgPxGroupID**

The identifier for the average price group for the trade side. See also [AvgPxGroupID\(1731\)](#).

Type: [String](#)

Used in groups: [TrdCapRptAckSideGrp](#), [TrdCapRptSideGrp](#)

### **170.2.4886 SideAvgPxIndicator**

Used to indicate whether a trade or a sub-allocation should be allocated at the trade price (e.g. no average pricing), or whether it should be grouped with other trades/sub-allocations and allocated at the average price of the group.

Type: [int](#)

Allowed values in [AvgPxIndicatorCodeSet](#):

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	NoAveragePricing	No average pricing
1	Trade	Trade is part of an average price group identified by the <a href="#">AvgPxGroupID(1731)</a>
2	LastTrade	Last trade of the average price group identified by the <a href="#">AvgPxGroupID(1731)</a>

---

Code	Name	Description
3	NotionalValueAveragePxGroupTrade	Trade is part of a notional value average price group. A notional value average price (NVAP) group is effectively closed and available for allocation as long as the NVAP of the group is non-zero.
4	AveragePricedTrade	Trade is average priced

Used in groups: [TrdCapRptAckSideGrp](#), [TrdCapRptSideGrp](#)

### 170.2.4887 SideClearingTradePrice

Alternate clearing price for the side being reported.

Type: [Price](#)

Used in groups: [TrdCapRptSideGrp](#), [TrdMatchSideGrp](#)

### 170.2.4888 SideClearingTradePriceType

Indicates to recipient whether trade is clearing at execution prices LastPx(tag 31) or alternate clearing prices SideClearingTradePrice(tag 1597).

Type: [int](#)

Allowed values in SideClearingTradePriceTypeCodeSet:

Code	Name	Description
0	TradeClearingAtExecutionPrice	Trade Clearing at Execution Price
1	TradeClearingAtAlternateClearing-Price	Trade Clearing at Alternate Clearing Price

Used in groups: [TrdCapRptSideGrp](#), [TrdMatchSideGrp](#)

### 170.2.4889 SideCollateralAmountGrp

The SideCollateralAmountGrp component block is a repeating group that provides the current value of the collateral type on deposit for a side of the trade report. The currency of the collateral value may be optionally included.

Name	Mult.	Type	Description
NoSideCollateralAmounts	[1..1]	NumInGroup	
SideCurrentCollateralAmount	[0..1]	Amt	Required if NoSideCollateralAmounts(2691) > 0.
SideCollateralCurrency	[0..1]	Currency	Can be used to specify the currency of SideCollateralAmount(2702) if Currency(15) is not specified or is not the same.
SideCollateralCurrencyCodeSource	[0..1]	CodeSet	
SideCollateralAmountType	[0..1]	CodeSet	
SideCollateralFXRate	[0..1]	float	
SideCollateralFXRateCalc	[0..1]	CodeSet	
SideCollateralType	[0..1]	String	
SideCollateralAmountMarketSegmentID	[0..1]	String	
SideCollateralAmountMarketID	[0..1]	String	
SideHaircutIndicator	[0..1]	Boolean	
SideCollateralPortfolioID	[0..1]	String	
SideCollateralPercentOverage	[0..1]	Percentage	
SideCollateralMarketPrice	[0..1]	Price	
SideCollateralReinvestmentRate	[0..1]	Percentage	When multiple instances of the SideCollateralReinvestmentGrp component are present this field specifies the average reinvestment rate.
SideCollateralReinvestmentGrp	[0..*]	Group	
SideUnderlyingRefID	[0..1]	String	May be used to indicate that this entry applies to the underlying collateral instrument being referenced by the value in UnderlyingID(2874).

Used in groups: [TrdCapRptSideGrp](#)

### 170.2.4890 SideCollateralAmountMarketID

Market associated with the collateral amount.

Type: [String](#)

Used in groups: [SideCollateralAmountGrp](#)

**170.2.4891 SideCollateralAmountMarketSegmentID**

Market segment associated with the collateral amount.

Type: **String**

Used in groups: **SideCollateralAmountGrp**

**170.2.4892 SideCollateralAmountType**

The type of value in CurrentCollateralAmount(1704).

Type: **int**

Allowed values in CollateralAmountTypeCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	MarketValuation	Market valuation (the default)
1	PortfolioValue	Portfolio value before processing pledge request
2	ValueConfirmed	Value confirmed as "locked-up" for processing a pledge request
3	CollateralCreditValue	Credit value of collateral at CCP processing a pledge request
4	AdditionalCollateralValue	Additional collateral value. Additional collateral deposited by the collateral provider at trade or post-trade. CollateralPercentOverage(2690) gives the overage percent
5	EstimatedMarketValuation	Estimated market valuation. Estimated market valuation of collateral. In the context of EU SFTR this may be used for value of re-use of collateral.

---

Used in groups: **SideCollateralAmountGrp**

**170.2.4893 SideCollateralCurrency**

Specifies the currency of the collateral; optional, defaults to settlement currency if not specified.

SideCollateralCurrencyCodeSource(2930) may be used to disambiguate the code source scheme used, and ISO 4217 is the default scheme if absent.

Type: **Currency**

Used in groups: **SideCollateralAmountGrp**

**170.2.4894 SideCollateralCurrencyCodeSource**

Identifies class or source of the SideCollateralCurrency(2695) value.

Type: **String**

Allowed values in CurrencyCodeSourceCodeSet:

---

Code	Name	Description
1	CUSIP	CUSIP
2	SEDOL	SEDOL
4	ISINNumber	ISIN
6	ISOCurrencyCode	ISO Currency Code (ISO 4217)
S	FinancialInstrumentGlobalIdentifier	Financial Instrument Global Identifier. An Object Management Group (OMG) standard. Also referred to as FIGI. Formerly known as "Bloomberg Open Symbology BBGID".
Y	DigitalTokenIdentifier	Digital Token Identifier (ISO 24165)

---

Used in groups: **SideCollateralAmountGrp**

**170.2.4895 SideCollateralFXRate**

Foreign exchange rate used to compute the SideCurrentCollateralAmount(2702) from the SideCollateralCurrency(2695) and the Currency(15).

Type: **float**

Used in groups: **SideCollateralAmountGrp**

**170.2.4896 SideCollateralFXRateCalc**

Specifies whether or not SideCollateralFXRate(2696) should be multiplied or divided.

Type: **char**

Allowed values in UnderlyingFXRateCalcCodeSet:

---

Code	Name	Description
D	Divide	Divide
M	Multiply	Multiply

---

Used in groups: [SideCollateralAmountGrp](#)

#### **170.2.4897 SideCollateralMarketPrice**

Market price of the collateral, either from market sources or pre-agreed by the counterparties.

Type: [Price](#)

Used in groups: [SideCollateralAmountGrp](#)

#### **170.2.4898 SideCollateralPercentOverage**

Percentage of over-collateralization particularly when SideCollateralAmountType(2694) = 4 (Additional collateral value).

Type: [Percentage](#)

Used in groups: [SideCollateralAmountGrp](#)

#### **170.2.4899 SideCollateralPortfolioID**

Identifier of the collateral portfolio when reporting on a portfolio basis.

Type: [String](#)

Used in groups: [SideCollateralAmountGrp](#)

#### **170.2.4900 SideCollateralReinvestmentAmount**

The cash amount of the specified re-investment type.

Type: [Amt](#)

Used in groups: [SideCollateralReinvestmentGrp](#)

#### **170.2.4901 SideCollateralReinvestmentCurrency**

The currency denomination of the re-invested cash amount.

SideCollateralReinvestmentCurrencyCodeSource(2932) may be used to disambiguate the code source scheme used, and ISO 4217 is the default scheme if absent.

Type: [Currency](#)

Used in groups: [SideCollateralReinvestmentGrp](#)



**170.2.4902 SideCollateralReinvestmentCurrencyCodeSource**

Identifies class or source of the SideCollateralReinvestmentCurrency(2866) value.

Type: **String**

Allowed values in CurrencyCodeSourceCodeSet:

Code	Name	Description
1	CUSIP	CUSIP
2	SEDOL	SEDOL
4	ISINNumber	ISIN
6	ISOCurrencyCode	ISO Currency Code (ISO 4217)
S	FinancialInstrumentGlobalIdentifier	Financial Instrument Global Identifier. An Object Management Group (OMG) standard. Also referred to as FIGI. Formerly known as "Bloomberg Open Symbology BBGID".
Y	DigitalTokenIdentifier	Digital Token Identifier (ISO 24165)

Used in groups: **SideCollateralReinvestmentGrp**

**170.2.4903 SideCollateralReinvestmentGrp**

The SideCollateralReinvestmentGrp component block is a repeating group that may be used to provide a breakdown of the cash collateral's reinvestment types and amounts (e.g. SideCollateralType(2701)="CASH").

Name	Mult.	Type	Description
NoSideCollateralReinvestments	[1..1]	NumInGroup	
SideCollateralReinvestmentType	[0..1]	CodeSet	Required if NoSideCollateralReinvestments(2864) > 0.
SideCollateralReinvestmentAmount	[0..1]	Amt	
SideCollateralReinvestmentCurrency	[0..1]	Currency	
SideCollateralReinvestmentCurrency-CodeSource	[0..1]	CodeSet	

Used in groups: **SideCollateralAmountGrp**

**170.2.4904 SideCollateralReinvestmentRate**

Interest rate received for collateral reinvestment.

Type: **Percentage**

Used in groups: **SideCollateralAmountGrp**

**170.2.4905 SideCollateralReinvestmentType**

Indicates the type of investment the cash collateral is re-invested in.

Type: **int**

Allowed values in CollateralReinvestmentTypeCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	MoneyMarketFund	Money market fund. Registered money market fund. In the context of EU SFTR reporting this corresponds to code "MMFT".
1	OtherComingledPool	Other comingled pool. Any comingled pool other than money market fund. In the context of EU SFTR reporting this corresponds to code "OCMP".
2	RepoMarket	Repo market. The repurchase agreement market. In the context of EU SFTR reporting this corresponds to code "REPM".
3	DirectPurchaseOfSecurities	Direct purchase of securities. In the context of EU SFTR reporting this corresponds to code "SDPU".
4	OtherInvestments	Other investments. In the context of EU SFTR reporting this corresponds to code "OTHR".

---

Used in groups: **SideCollateralReinvestmentGrp**

**170.2.4906 SideCollateralType**

Type of collateral on deposit being reported.

Type: **String**

Used in groups: **SideCollateralAmountGrp**

**170.2.4907 SideComplianceID**

ID within repeating group of sides which is used to represent this transaction for compliance purposes (e.g. OATS reporting).

Type: **String**

Used in groups: **SideCrossOrdModGrp**

**170.2.4908 SideCrossLegGrp**

Repeating group that is similar to LegOrdGrp component in order to support leg level information per side of cross orders and is part of SideCrossOrdModGrp component. LegOrdGrp component cannot be re-used for this purpose as it contains the component blocks InstrumentLeg component and NestedParties component which are already part of the cross messages. The difference to LegOrdGrp component is that SideCrossLegGrp component does not have an InstrumentLeg component to describe the legs, it only has a single reference field to identify the leg which can be defined by the InstrumentLeg component which is present on a higher level of the message and outside of the side group.

Name	Mult.	Type	Description
NoCrossLegs	[1..1]	NumInGroup	
LegRefID	[0..1]	String	Required if NoCrossLegs(1829) > 0.
LegOrderQty	[0..1]	Qty	Quantity ordered for this leg as provided during order entry.
LegSwapType	[0..1]	CodeSet	
LegStipulations	[0..*]	Group	
LegAllocID	[0..1]	String	
LegPreAllocGrp	[0..*]	Group	
LegClearingAccountType	[0..1]	CodeSet	Provide if different from the value specified for the overall multileg security in ClearingAccountType(1816) in the Instrument component.
LegPositionEffect	[0..1]	CodeSet	Provide if different from the value specified for the overall multileg security in PositionEffect(77) in the Instrument component.
LegCoveredOrUncovered	[0..1]	CodeSet	Provide if different from the value specified for the overall multileg security in CoveredOrUncovered(203) in the Instrument component.

Name	Mult.	Type	Description
NestedParties3	[0..*]	Group	
LegSettlType	[0..1]	CodeSet	
LegSettlDate	[0..1]	LocalMktDate	
LegSettlCurrency	[0..1]	Currency	
LegSettlCurrencyCodeSource	[0..1]	CodeSet	
LegVolatility	[0..1]	float	
LegDividendYield	[0..1]	Percentage	
LegCurrencyRatio	[0..1]	float	
LegExecInst	[0..1]	CodeSet	
LegShortSaleExemptionReason	[0..1]	CodeSet	Available for optional use when LegSide(624) = 6(Sell short exempt) in InstrumentLeg component.

Used in groups: [SideCrossOrdModGrp](#)

#### 170.2.4909 SideCrossOrdCxlGrp

Name	Mult.	Type	Description
NoSides	[1..1]	CodeSet	Must be 1 or 2
Side	[1..1]	CodeSet	
OrigCxlOrdID	[0..1]	String	Required when referring to orders that were electronically submitted over FIX or otherwise assigned a CxlOrdID(11).
CxlOrdID	[1..1]	String	Unique identifier of the order as assigned by institution or by the intermediary with closest association with the investor.
SecondaryCxlOrdID	[0..1]	String	
CxlOrdLinkID	[0..1]	String	
OrigOrdModTime	[0..1]	UTCTimestamp	
Parties	[0..*]	Group	Insert here the set of "Parties" (firm identification) fields defined in "Common Components of Application Messages"
TradeOriginationDate	[0..1]	LocalMktDate	
TradeDate	[0..1]	LocalMktDate	
OrderQtyData	[1..1]	Component	

Name	Mult.	Type	Description
ComplianceID	[0..1]	String	
ComplianceText	[0..1]	String	
EncodedComplianceTextLen	[0..1]	Length	Must be set if EncodedComplianceText(2352) field is specified and must immediately precede it.
EncodedComplianceText	[0..1]	data	Encoded (non-ASCII characters) representation of the ComplianceText(2404) field in the encoded format specified via the MessageEncoding(347) field.
Text	[0..1]	String	
EncodedTextLen	[0..1]	Length	Must be set if EncodedText field is specified and must immediately precede it.
EncodedText	[0..1]	data	Encoded (non-ASCII characters) representation of the Text field in the encoded format specified via the MessageEncoding field.

Used in messages: [CrossOrderCancelRequest](#)

#### 170.2.4910 SideCrossOrdModGrp

Name	Mult.	Type	Description
NoSides	[1..1]	CodeSet	Must be 1 or 2 if CrossType(549)=1(All-or-none Cross), 2 otherwise.
Side	[1..1]	CodeSet	Required if NoSides(552) > 0.
ShortMarkingExemptIndicator	[0..1]	Boolean	
OrigCOrdID	[0..1]	String	Required when referring to orders that were electronically submitted over FIX or otherwise assigned a COrdID(11)
COrdID	[1..1]	String	Unique identifier of the order as assigned by institution or by the intermediary with closest association with the investor.
SecondaryCOrdID	[0..1]	String	
COrdLinkID	[0..1]	String	
OrigOrdModTime	[0..1]	UTCTimestamp	
Parties	[0..*]	Group	
SideCrossLegGrp	[0..*]	Group	

Name	Mult.	Type	Description
SideShortSaleExemptionReason	[0..1]	CodeSet	Available for optional use when Side(54) = 6 (Sell short exempt).
TradeOriginationDate	[0..1]	LocalMktDate	
TradeDate	[0..1]	LocalMktDate	
Account	[0..1]	String	
AcctIDSource	[0..1]	CodeSet	
AccountType	[0..1]	CodeSet	
DayBookingInst	[0..1]	CodeSet	
BookingUnit	[0..1]	CodeSet	
PreallocMethod	[0..1]	CodeSet	
AllocID	[0..1]	String	Use to assign an identifier to the block of preallocations
PreAllocGrp	[0..*]	Group	
QtyType	[0..1]	CodeSet	
OrderQtyData	[1..1]	Component	
CommissionData	[0..1]	Component	
CommissionDataGrp	[0..*]	Group	Use as an alternative to CommissionData if multiple commissions or enhanced attributes are needed.
OrderCapacity	[0..1]	CodeSet	
OrderRestrictions	[0..1]	CodeSet	
OrderOrigination	[0..1]	CodeSet	
OriginatingDeptID	[0..1]	String	
ReceivingDeptID	[0..1]	String	
RoutingArrangementIndicator	[0..1]	CodeSet	
PreTradeAnonymity	[0..1]	Boolean	
CustOrderCapacity	[0..1]	CodeSet	
ForexReq	[0..1]	CodeSet	Indicates that broker is requested to execute a Forex accommodation trade in conjunction with the security trade.
SettlCurrency	[0..1]	Currency	Conditionally required when ForexReq(121) = "Y".
SettlCurrencyCodeSource	[0..1]	CodeSet	
BookingType	[0..1]	CodeSet	Method for booking out this order. Used when notifying a broker that an order to be settled by that broker is to be booked out as an OTC derivative (e.g. CFD or similar). Absence of this field implies regular booking.

Name	Mult.	Type	Description
Text	[0..1]	String	
EncodedTextLen	[0..1]	Length	Must be set if EncodedText field is specified and must immediately precede it.
EncodedText	[0..1]	data	Encoded (non-ASCII characters) representation of the Text field in the encoded format specified via the MessageEncoding field.
ClearingAccountType	[0..1]	CodeSet	
PositionEffect	[0..1]	CodeSet	For use in derivatives omnibus accounting
CoveredOrUncovered	[0..1]	CodeSet	For use with derivatives, such as options
CashMargin	[0..1]	CodeSet	
ClearingFeeIndicator	[0..1]	CodeSet	
SolicitedFlag	[0..1]	CodeSet	
SideComplianceID	[0..1]	String	
SideTimeInForce	[0..1]	UTCTimestamp	Specifies how long the order as specified in the side stays in effect. Absence of this field indicates Day order.

Used in messages: [CrossOrderCancelReplaceRequest](#), [NewOrderCross](#)

### 170.2.4911 SideCurrency

Used to identify the trading currency on the Trade Capture Report Side

Type: [Currency](#)

Used in groups: [TrdCapRptAckSideGrp](#), [TrdCapRptSideGrp](#), [TrdMatchSideGrp](#)

### 170.2.4912 SideCurrencyCodeSource

Identifies class or source of the SideCurrency(1154) value.

Type: [String](#)

Allowed values in CurrencyCodeSourceCodeSet:

Code	Name	Description
1	CUSIP	CUSIP

Code	Name	Description
2	SEDOL	SEDOL
4	ISINNumber	ISIN
6	ISOCurrencyCode	ISO Currency Code (ISO 4217)
S	FinancialInstrumentGlobalIdentifier	Financial Instrument Global Identifier. An Object Management Group (OMG) standard. Also referred to as FIGI. Formerly known as "Bloomberg Open Symbology BBGID".
Y	DigitalTokenIdentifier	Digital Token Identifier (ISO 24165)

Used in groups: [TrdCapRptAckSideGrp](#), [TrdCapRptSideGrp](#), [TrdMatchSideGrp](#)

#### **170.2.4913 SideCurrentCollateralAmount**

Currency value currently attributed to the collateral.

Type: [Amt](#)

Used in groups: [SideCollateralAmountGrp](#)

#### **170.2.4914 SideExecID**

When reporting trades, used to reference the identifier of the execution (ExecID) being reported if different ExecIDs were assigned to each side of the trade.

Type: [String](#)

Used in groups: [TrdCapRptAckSideGrp](#), [TrdCapRptSideGrp](#), [TrdMatchSideGrp](#)

#### **170.2.4915 SideExecRefID**

Used to reference the value from SideExecID(1427).

Type: [String](#)

Used in groups: [TrdMatchSideGrp](#)

#### **170.2.4916 SideFillStationCd**

Used on a multi-sided trade to convey order routing information



Type: **String**

Used in groups: **TrdCapRptAckSideGrp**, **TrdCapRptSideGrp**, **TrdMatchSideGrp**

#### **170.2.4917 SideGrossTradeAmt**

The gross trade amount for this side of the trade. See also **GrossTradeAmt** (381) for additional definition.

Type: **Amt**

Used in groups: **TrdCapRptAckSideGrp**, **TrdCapRptSideGrp**, **TrdMatchSideGrp**

#### **170.2.4918 SideHaircutIndicator**

Indicates, if "Y", that a stated valuation includes a haircut, e.g. that the stated value reflects the subtraction of the haircut. Note that a value of "N" does not imply a haircut is not applicable, only that the haircut (if any) is not reflected in the stated valuation.

Type: **Boolean**

Used in groups: **SideCollateralAmountGrp**

#### **170.2.4919 SideLastQty**

Used to indicate the quantity on one side of a multi-sided trade.

Type: **Qty**

Used in groups: **TrdCapRptAckSideGrp**, **TrdCapRptSideGrp**, **TrdMatchSideGrp**

#### **170.2.4920 SideLiquidityInd**

Indicator to identify whether this fill was a result of a liquidity provider providing or liquidity taker taking the liquidity. Applicable only for **OrdStatus** of **Partial** or **Filled**.

Type: **int**

Allowed values in **LastLiquidityIndCodeSet**:

Code	Name	Description
0	NeitherAddedNorRemovedLiquidity	Neither added nor removed liquidity. May be used by venues where market rules do not define "add" or "remove" liquidity. In the context of the SEC amendment of Regulation NMS Rule 606(b), may be used to identify executions that are only reported as part of total shares executed and not as part of shares providing or removing liquidity (see <a href="https://www.sec.gov/rules/final/2018/34-84528.pdf">https://www.sec.gov/rules/final/2018/34-84528.pdf</a> for details).
1	AddedLiquidity	Added Liquidity
2	RemovedLiquidity	Removed Liquidity
3	LiquidityRoutedOut	Liquidity Routed Out
4	Auction	Auction execution
5	TriggeredStopOrder	Triggered stop order. Fill was the result of a stop order being triggered and immediately executed.
6	TriggeredContingencyOrder	Triggered contingency order. Fill was the result of a contingency order (OCO, OTO, OUO) becoming active (after cancelling or updating another order) and being immediately executed.
7	TriggeredMarketOrder	Triggered market order. Fill was the result of a market order being triggered due to an executable orderbook situation.
8	RemovedLiquidityAfterFirmOrder-Commitment	Removed liquidity after firm order commitment. An order that was submitted for continuous trading that required a firm order commit prior to execution. "Conditional order" is an alternate term used for such orders.
9	AuctionExecutionAfterFirmOrder-Commitment	Auction execution after firm order commitment. An order that was submitted for auction trading that required a firm order commit prior to execution. "Conditional order" is an alternate term used for such orders.
10	Unknown	Unknown. The liquidity indicator of the execution cannot be determined or was not provided upon execution.
11	Other	Other. None of the existing liquidity indicators are applicable for the execution (e.g. due to a venue's new order type that does not fit existing values).

Used in groups: **TrdCapRptSideGrp**

### 170.2.4921 SideMarketSegmentID

Identifies the market segment of the side.

Type: **String**

Used in groups: [TrdMatchSideGrp](#)

### **170.2.4922 SideMultiLegReportingType**

Used to indicate if the side being reported on Trade Capture Report represents a leg of a multileg instrument or a single security.

Type: [int](#)

Allowed values in SideMultiLegReportingTypeCodeSet:

Code	Name	Description
1	SingleSecurity	Single Security (default if not specified)
2	IndividualLegOfAMultilegSecurity	Individual leg of a multileg security
3	MultilegSecurity	Multileg Security

Used in groups: [TrdCapRptAckSideGrp](#), [TrdCapRptSideGrp](#)

### **170.2.4923 SideOrigTradeID**

Used to capture the original trade id for each side of a trade undergoing novation to a standardized model.

Type: [String](#)

Used in groups: [TrdCapRptAckSideGrp](#), [TrdCapRptSideGrp](#)

### **170.2.4924 SidePriceDifferential**

Price Differential between the front and back leg of a spread or complex instrument.

Type: [Price](#)

Used in groups: [TrdCapRptSideGrp](#), [TrdMatchSideGrp](#)

### **170.2.4925 SideReasonCd**

Used on a multi-sided trade to convey reason for execution

Type: [String](#)

Used in groups: [TrdCapRptAckSideGrp](#), [TrdCapRptSideGrp](#), [TrdMatchSideGrp](#)

**170.2.4926 SideRegulatoryLegRefID**

Identifies the leg of the trade the entry applies to by referencing the leg's LegID(1788).

Type: **String**

Used in groups: **SideRegulatoryTradeIDGrp**

**170.2.4927 SideRegulatoryTradeID**

Trade identifier required by government regulators or other regulatory organizations for regulatory reporting purposes. For example, unique swap identifier (USI) as required by the U.S. Commodity Futures Trading Commission.

Type: **String**

Used in groups: **SideRegulatoryTradeIDGrp**

**170.2.4928 SideRegulatoryTradeIDEvent**

Identifies the event which caused origination of the identifier in SideRegulatoryTradeID(1972). When more than one event is the cause, use the higher enumeration value. For example, if the identifier is originated due to an allocated trade which was cleared and reported, use the enumeration value 2 (Clearing).

Type: **int**

Allowed values in RegulatoryTradeIDEventCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	InitialBlockTrade	Initial block trade.
1	Allocation	Allocation. Determination that the block trade will not be further allocated.
2	Clearing	Clearing
3	Compression	Compression
4	Novation	Novation
5	Termination	Termination
6	PostTrdVal	Post-trade valuation

---

Used in groups: **SideRegulatoryTradeIDGrp**

**170.2.4929 SideRegulatoryTradeIDGrp**

The SideRegulatoryTradeIDGrp is a repeating component within the TrdCapRptSideGrp component used to report the source, value and relationship of multiple trade identifiers for the same trade side.

This component can be used to meet regulatory trade reporting requirements where identifiers such as the Unique Swaps Identifier (USI) are required to be reported, showing the chaining of these identifiers as needed.

Name	Mult.	Type	Description
NoSideRegulatoryTradeIDs	[1..1]	NumInGroup	
SideRegulatoryTradeID	[0..1]	String	Required if NoSideRegulatoryTradeIDs(1971) > 0.
SideRegulatoryTradeIDSource	[0..1]	CodeSet	
SideRegulatoryTradeIDEvent	[0..1]	CodeSet	
SideRegulatoryTradeIDType	[0..1]	CodeSet	
SideRegulatoryLegRefID	[0..1]	String	This field may be is used for multi-leg trades sent as a single message to indicate that the entry applies only to a specific leg.
SideRegulatoryTradeIDScope	[0..1]	CodeSet	

Used in groups: [TrdCapRptSideGrp](#)

**170.2.4930 SideRegulatoryTradeIDScope**

Specifies the scope to which the SideRegulatoryTradeID(1972) applies. Used when a trade must be assigned more than one identifier, e.g. one for the clearing member and another for the client on a cleared trade as with the principal model in Europe.

Type: [int](#)

Allowed values in RegulatoryTradeIDScopeCodeSet:

Code	Name	Description
1	ClearingMember	Clearing member
2	Client	Client

Used in groups: [SideRegulatoryTradeIDGrp](#)

**170.2.4931 SideRegulatoryTradeIDSource**

Identifies the reporting entity that originated the value in RegulatoryTradeID(1903). The reporting entity identifier may be assigned by a regulator or from a supported standard identifier source scheme.

Type: **String**

Allowed values in RegulatoryTradeIDSourceCodeSet:

---

Code	Name	Description
1	UniqueTransactionIdentifier	Unique Transaction Identifier (ISO 23897)

---

Used in groups: **SideRegulatoryTradeIDGrp**

**170.2.4932 SideRegulatoryTradeIDType**

Specifies the type of trade identifier provided in SideRegulatoryTradeID(1972), within the context of the hierarchy of trade events.

Type: **int**

Allowed values in RegulatoryTradeIDTypeCodeSet:

---

Code	Name	Description
0	Current	Current. The default if not specified.
1	Previous	Previous. The previous trade's identifier when reporting a cleared trade or novation of a previous trade.
2	Block	Block. The block trade's identifier when reporting an allocated subtrade.
3	Related	Related. The related trade identifier when reporting a mixed swap.
4	ClearedBlockTrade	Cleared block trade. Assigned by the CCP to a bunched order/trade when it needs to be cleared with the standby clearing firm prior to post-trade allocation.

Code	Name	Description
5	TradingVenueTransactionIdentifier	Trading venue transaction identifier. Assigned by the trading venue to a transaction. In the context of ESMA RTS 22 and RTS 24, this is a unique transaction identification "number generated by trading venues and disseminated to both the buying and selling parties in accordance with Article 12 of [RTS 24 on the maintenance of relevant data relating to orders in financial instruments under Article 25 of Regulation 600/2014 EU]." (quoted text from RTS 22). "Uniqueness" may be defined per relevant regulations.
6	ReportTrackingNumber	Report tracking number. In the context of EMIR Refit this is a "unique code assigned to the execution of an order and common for a group of reports related to the same execution" (see Q28 in <a href="https://www.esma.europa.eu/sites/default/files/library/esma74-362-2281_final_report_guidelines_emir_refit.pdf">https://www.esma.europa.eu/sites/default/files/library/esma74-362-2281_final_report_guidelines_emir_refit.pdf</a> ). Also referred to as the RTN.

Used in groups: [SideRegulatoryTradeIDGrp](#)

### 170.2.4933 SideRiskLimitCheckStatus

Indicates the status of the risk limit check performed on the side of a trade.

Type: [int](#)

Allowed values in RiskLimitCheckStatusCodeSet:

Code	Name	Description
0	Accepted	Accepted. For use when none of the more specific status enumerations apply.
1	Rejected	Rejected. For use when none of the more specific status enumerations apply.
2	ClaimRequired	Claim required. Indicates that the clearing firm is required to accept or decline the trade.
3	PreDefinedLimitCheckSucceeded	Pre-defined limit check succeeded. Indicates a check enforced automatically by the clearing house.
4	PreDefinedLimitCheckFailed	Pre-defined limit check failed. Indicates a check enforced automatically by the clearing house.

Code	Name	Description
5	PreDefinedAutoAcceptRuleInvoked	Pre-defined auto-accept rule invoked. Indicates that the clearing firm is required to accept or decline the trade because no limit or rule applies.
6	PreDefinedAutoRejectRuleInvoked	Pre-defined auto-reject rule invoked. Indicates a check enforced automatically by the clearing house. Note that clearing house rules of engagement may still require a clearing firm accept or reject the trade.
7	AcceptedByClearingFirm	Accepted by clearing firm. Indicates that explicit action by the clearing firm, and not an automatic check by the clearing house, was the basis for accepting the trade.
8	RejectedByClearingFirm	Rejected by clearing firm. Indicates that explicit action by the clearing firm, and not an automatic check by the clearing house, was the basis for rejecting the trade.
9	Pending	Pending. Indicates that one or more side level risk checks are in progress.
10	AcceptedByCreditHub	Accepted by credit hub. Indicates that a credit hub accepted the trade. An identifier assigned by the credit hub may appear in the appropriate RefRiskLimitCheckID(2334) field.
11	RejectedByCreditHub	Rejected by credit hub. Indicates that a credit hub rejected the trade.
12	PendingCreditHubCheck	Pending credit hub check. Indicates that a check is pending at a credit hub.
13	AcceptedByExecVenue	Accepted by execution venue. Indicates acceptance by an execution venue, such as a SEF.
14	RejectedByExecVenue	Rejected by execution venue. Indicates that the trade was rejected by an execution venue, such as a SEF.

Used in groups: [TrdCapRptAckSideGrp](#), [TrdCapRptSideGrp](#)

### 170.2.4934 SideSettlCurrency

Used to identify the settlement currency on the Trade Capture Report Side

Type: [Currency](#)

Used in groups: [TrdCapRptAckSideGrp](#), [TrdCapRptSideGrp](#), [TrdMatchSideGrp](#)



**170.2.4935 SideSettlCurrencyCodeSource**

Identifies class or source of the SideSettlCurrency(1155) value.

Type: **String**

Allowed values in CurrencyCodeSourceCodeSet:

Code	Name	Description
1	CUSIP	CUSIP
2	SEDOL	SEDOL
4	ISINNumber	ISIN
6	ISOCurrencyCode	ISO Currency Code (ISO 4217)
S	FinancialInstrumentGlobalIdentifier	Financial Instrument Global Identifier. An Object Management Group (OMG) standard. Also referred to as FIGI. Formerly known as "Bloomberg Open Symbology BBGID".
Y	DigitalTokenIdentifier	Digital Token Identifier (ISO 24165)

Used in groups: **TrdCapRptAckSideGrp**, **TrdCapRptSideGrp**, **TrdMatchSideGrp**

**170.2.4936 SideShortSaleExemptionReason**

Indicates the reason a short sale is exempted from applicable regulation (e.g. Reg SHO addendum (b)(1) in the U.S.)

Type: **int**

Allowed values in ShortSaleExemptionReasonCodeSet:

Code	Name	Description
0	ExemptionReasonUnknown	Exemption reason unknown. An exemption reason not provided or received.
1	IncomingSSE	Income sell short exempt. Agency broker has the customer's exemption reason, which is not explicitly provided to executing broker.
2	AboveNationalBestBid	Above national best bid (broker/dealer provision). Broker / dealer responsible for enforcing exemption rule has determined that the order is priced one or more ticks above the nation best bid of the security to be traded.

Code	Name	Description
3	DelayedDelivery	Delayed delivery. The broker-dealer has a reasonable basis to believe the seller owns the covered security (pursuant to Rule 200 in the U.S.), but is subject to restrictions on delivery, provided that the seller intends to deliver the security as soon as all restrictions on delivery have been removed.
4	OddLot	Odd lot. The broker-dealer has a reasonable basis to believe the sale is by a market maker to offset customer odd-lot orders or to liquidate an odd-lot position that changes such broker's or dealer's position by no more than a unit of trading.
5	DomesticArbitrage	Domestic arbitrage. The sale is connected to a bona-fide domestic arbitrage transaction.
6	InternationalArbitrage	International arbitrage. The sale is connected to an international arbitrage transaction.
7	UnderwriterOrSyndicateDistribution	Underwriter or syndicate distribution. The short sale is (i) by an underwriter or member of a syndicate or group participating in the distribution of a security in connection with an over-allotment of securities; or (ii) is for purposes of a lay-off sale by an underwriter or member of a syndicate or group in connection with a distribution of securities through a rights or standby underwriting commitment.
8	RisklessPrincipal	Riskless principal. The short sale is by a broker or dealer effecting the execution of a customer purchase or the execution of a customer "long" sale on a riskless principal basis.
9	VWAP	VWAP. The short sale order is for the sale of a covered security at the volume weighted average price (VWAP) meeting certain criteria.

Used in groups: [SideCrossOrdModGrp](#), [TrdCapRptSideGrp](#), [TrdMatchSideGrp](#)

### 170.2.4937 SideTimeInForce

Indicates how long the order as specified in the side stays in effect. SideTimeInForce allows a two-sided cross order to specify order behavior separately for each side. Absence of this field indicates that TimeInForce should be referenced. SideTimeInForce will override TimeInForce if both are provided.

Type: [UTCTimestamp](#)

Used in groups: [SideCrossOrdModGrp](#)

**170.2.4938 SideTradeID**

Used to represent the trade ID for each side of the trade assigned by an intermediary.

Type: **String**

Used in groups: **TrdCapRptAckSideGrp, TrdCapRptSideGrp, TrdMatchSideGrp**

**170.2.4939 SideTradeReportID**

Used on a multi-sided trade to designate the ReportID

Type: **String**

Used in groups: **TrdCapRptAckSideGrp, TrdCapRptSideGrp, TrdMatchSideGrp**

**170.2.4940 SideTradeReportingIndicator**

Used between parties to convey trade reporting status.

Type: **int**

Allowed values in TradeReportingIndicatorCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	NotReported	Trade has not (yet) been reported. Depending on the regulatory regime the trade is reportable and the recipient may be responsible for reporting.
1	OnBook	Trade has been or will be reported by a trading venue as an "on-book" trade
2	SISeller	Trade has or will be reported as a seller trade by the authorised reporter
3	SIBuyer	Trade has or will be reported as a buyer trade by the authorised reporter
4	NonSISeller	Trade has or will be reported as a seller trade by an entity other than the authorised reporter
5	SubDelegationByFirm	Trade has been or will be reported under a sub-delegation arrangement by an investment firm to a reporting facility (e.g. APA) on behalf of another investment firm
6	Reportable	Trade has been or will be reported. Depending on the regulatory regime the recipient is not responsible for reporting.

---

Code	Name	Description
7	NonSIBuyer	Trade has been or will be reported as a buyer trade by an entity other than the authorised reporter
8	OffBook	Trade has been or will be reported by a trading venue as an "off-book" trade
9	NotReportable	Trade is not reportable. The (non-equity) instrument does not need to be reported by any party, e.g. because it is not deemed to have been traded on a trading venue.

Used in groups: [TrdCapRptAckSideGrp](#), [TrdCapRptSideGrp](#)

#### **170.2.4941 SideTrdRegTimestamp**

Will be used in a multi-sided message.

Traded Regulatory timestamp value Use to store time information required by government regulators or self regulatory organizations such as an exchange or clearing house

Type: [UTCTimestamp](#)

Used in groups: [SideTrdRegTS](#)

#### **170.2.4942 SideTrdRegTimestampSrc**

Same as TrdRegTimestampOrigin

Text which identifies the origin i.e. system which was used to generate the time stamp for the Traded Regulatory timestamp value

Type: [String](#)

Used in groups: [SideTrdRegTS](#)

#### **170.2.4943 SideTrdRegTimestampType**

Same as TrdRegTimeStampType

Type: [int](#)

Allowed values in TrdRegTimestampTypeCodeSet:

<b>Code</b>	<b>Name</b>	<b>Description</b>
1	ExecutionTime	Execution time. Timestamp for the order execution. In the context of US futures markets (CFTC regulated) this is the non-qualified reporting time of order execution.
2	TimeIn	Time in. Timestamp for receiving an order, quote or trade. In the context of US futures markets (CFTC) this is the timestamp of when the order was received on the trading floor (booth).
3	TimeOut	Time out. Timestamp for sending an order, quote or trade. In the context of US futures markets (CFTC) this is the timestamp when the trade was received from the pit.
4	BrokerReceipt	Broker receipt. Timestamp for a broker receiving an order, quote or trade. In the context of US futures markets (CFTC) this is the time at which the broker received the order.
5	BrokerExecution	Broker execution. Timestamp for the broker executing an order. In the context of US futures markets (CFTC regulated) this is the time at which a broker executed the order for another broker.
6	DeskReceipt	Desk receipt. Timestamp for the transmission of an order to an internal desk or department on the same day the firm received the order.
7	SubmissionToClearing	Submission to clearing. The timestamp when the trade was officially acknowledged by the Clearing House.
8	TimePriority	Time priority. A timestamp (manually or electronically) assigned by a market to specify time priority for an order or quote.
9	OrderbookEntryTime	Orderbook entry time. Timestamp for an order representing the time it was entered in the orderbook of the execution venue. The orderbook entry time cannot change during the lifetime of the order.
10	OrderSubmissionTime	Order submission time. Time the order was sent by the submitter.
11	PubliclyReported	Publicly reported. In the context of MiFID II, this is used to identify the time at which the transaction was first published to the market.
12	PublicReportUpdated	Public report updated. In the context of MiFID II, this is used to identify the time at which the transaction's publication to the market was last updated
13	NonPubliclyReported	Non-publicly reported
14	NonPublicReportUpdated	Non-public report updated
15	SubmittedForConfirmation	Submitted for confirmation
16	UpdatedForConfirmation	Updated for confirmation
17	Confirmed	Confirmed

Code	Name	Description
18	UpdatedForClearing	Updated for clearing
19	Cleared	Cleared
20	AllocationsSubmitted	Allocations submitted
21	AllocationsUpdated	Allocations updated
22	AllocationsCompleted	Allocations completed
23	SubmittedToRepository	Submitted to repository
24	PostTrdContntnEvnt	Post-trade continuation event
25	PostTradeValuation	Post-trade valuation
26	PreviousTimePriority	Previous time priority. Can be used in conjunction with TrdRegTimestampType(770) = 8 (Time priority) to provide the current and last priority timestamp in a single message.
27	IdentifierAssigned	Identifier assigned. Timestamp for the assignment of a (unique) identifier to an entity (e.g. order, quote, trade).
28	PreviousIdentifierAssigned	Previous identifier assigned. Timestamp of previous assignment of a (unique) identifier to an entity (e.g. order, quote, trade).
29	OrderCancellationTime	Order cancellation time. Timestamp for the cancellation of an order or quote.
30	OrderModificationTime	Order modification time. Timestamp for the modification of an order or quote.
31	OrderRoutingTime	Order routing time. Timestamp for the routing of an order to another broker or electronic execution venue.
32	TradeCancellationTime	Trade cancellation time. Timestamp for the cancellation of an execution (ExecType(150) = H (Trade Cancel)) or trade (TradeReportType(856) = 6 (Trade Report Cancel)).
33	TradeModificationTime	Trade modification time. Timestamp for the modification of an execution (ExecType(150) = G (Trade Correct)) or trade (TradeReportType(856) = 5 (No/Was)).
34	ReferenceTimeForNBBO	Reference time for NBBO. Timestamp for an NBBO reference price.

Used in groups: [SideTrdRegTS](#)

### 170.2.4944 SideTrdRegTS

The SideTrdRegTS component block is used to convey trading or regulatory timestamps associated with one side of a multi-sided trade event.

Name	Mult.	Type	Description
NoSideTrdRegTS	[1..1]	NumInGroup	
SideTrdRegTimestamp	[0..1]	UTCTimestamp	
SideTrdRegTimestampType	[0..1]	CodeSet	
SideTrdRegTimestampSrc	[0..1]	String	

Used in groups: [TrdCapRptAckSideGrp](#), [TrdCapRptSideGrp](#)

### 170.2.4945 SideTrdSubType

Used on a multi-sided trade to specify the type of trade for a given side. Same values as TrdSubType (829).

Type: [int](#)

Allowed values in TrdSubTypeCodeSet:

Code	Name	Description
0	CMTA	CMTA
1	InternalTransferOrAdjustment	Internal transfer or adjustment
2	ExternalTransferOrTransferOfAccount	External transfer or transfer of account
3	RejectForSubmittingSide	Reject for submitting side
4	AdvisoryForContraSide	Advisory for contra side
5	OffsetDueToAnAllocation	Offset due to an allocation
6	OnsetDueToAnAllocation	Onset due to an allocation
7	DifferentialSpread	Differential spread
8	ImpliedSpreadLegExecutedAgainstAnOutright	Implied spread leg executed against an outright
9	TransactionFromExercise	Transaction from exercise
10	TransactionFromAssignment	Transaction from assignment
11	ACATS	ACATS
14	AI	AI (Automated input facility disabled in response to an exchange request.)

<b>Code</b>	<b>Name</b>	<b>Description</b>
15	B	B (Transaction between two member firms where neither member firm is registered as a market maker in the security in question and neither is a designated fund manager. Also used by broker dealers when dealing with another broker which is not a member firm. Non-order book securities only.)
16	K	K (Transaction using block trade facility.)
17	LC	LC (Correction submitted more than three days after publication of the original trade report.)
18	M	M (Transaction, other than a transaction resulting from a stock swap or stock switch, between two market makers registered in that security including IDB or a public display system trades. Non-order book securities only.)
19	N	N (Non-protected portfolio transaction or a fully disclosed portfolio transaction)
20	NM	NM ( i) transaction where Exchange has granted permission for non-publication. ii)IDB is reporting as seller. iii) submitting a transaction report to the Exchange, where the transaction report is not also a trade report.)
21	NR	NR (Non-risk transaction in a SEATS security other than an AIM security)
22	P	P (Protected portfolio transaction or a worked principal agreement to effect a portfolio transaction which includes order book securities)
23	PA	PA (Protected transaction notification)
24	PC	PC (Contra trade for transaction which took place on a previous day and which was automatically executed on the Exchange trading system)
25	PN	PN (Worked principal notification for a portfolio transaction which includes order book securities)



<b>Code</b>	<b>Name</b>	<b>Description</b>
26	R	R ( (i) riskless principal transaction between non-members where the buying and selling transactions are executed at different prices or on different terms (requires a trade report with trade type indicator R for each transaction). (ii) market maker is reporting all the legs of a riskless principal transaction where the buying and selling transactions are executed at different prices (requires a trade report with trade type indicator R for each transaction)or. (iii) market maker is reporting the onward leg of a riskless principal transaction where the legs are executed at different prices, and another market maker has submitted a trade report using trade type indicator M for the first leg (this requires a single trade report with trade type indicator R).)
27	RO	RO (Transaction which resulted from the exercise of a traditional option or a stock-settled covered warrant)
28	RT	RT (Risk transaction in a SEATS security, (excluding AIM security) reported by a market maker registered in that security)
29	SW	SW (Transactions resulting from stock swap or a stock switch (one report is required for each line of stock))
30	T	T (If reporting a single protected transaction)
31	WN	WN (Worked principal notification for a single order book security)
32	WT	WT (Worked principal transaction (other than a portfolio transaction))
33	OffHoursTrade	Off Hours Trade
34	OnHoursTrade	On Hours Trade
35	OTCQuote	OTC Quote
36	ConvertedSWAP	Converted SWAP
37	CrossedTrade	Crossed Trade (X)
38	InterimProtectedTrade	Interim Protected Trade (I)
39	LargeInScale	Large in Scale (L)
40	WashTrade	Wash Trade
41	TradeAtSettlement	Trade at Settlement (TAS). Identifies a trade that will be priced using the settlement price.
42	AuctionTrade	Auction Trade. Mutually exclusive with TrdSubType(829) = 50 (Balancing).

Code	Name	Description
43	TradeAtMarker	Trade at Marker (TAM). Posted at a specific time each day and used to price the consummated trade for the product/month/strip executed (+/- and differentials). Closely related to TAS trades in function and trade practice.
44	CreditDefault	Default (Credit Event)
45	CreditRestructuring	Restructuring (credit event)
46	Merger	Merger (succession event)
47	SpinOff	Spin-off (succession event)
48	MultilateralCompression	Multilateral compression. Used to identify a special case of compression between multiple parties, e.g. for netted or portfolio trades.
50	Balancing	Balancing. Identifies an additional trade distributed to auction participants meant to resolve an imbalance between bids and offers. Mutually exclusive with TrdSubType(829) = 42 =(Auction).
51	BasisTradeIndexClose	Basis Trade index Close (BTIC). The marketplace name given to Trade at Marker (TAM) transactions in equity index futures.
52	TradeAtCashOpen	Trade At Cash Open (TACO). The marketplace name given to trading futures based on an opening quote of the underlying cash market.
53	TrdSubmitVenueClrSettl	Trade submitted to venue for clearing and settlement. Identifies trades brought on a trading venue purely for clearing and settlement purposes.
54	BilateralCompression	Bilateral compression. Used to identify a special case of compression between two parties, e.g. for netted or portfolio trades.

Used in groups: [TrdCapRptAckSideGrp](#), [TrdCapRptSideGrp](#), [TrdMatchSideGrp](#)

### 170.2.4946 SideUnderlyingRefID

Identifies the underlying instrument the entity applies to by referencing the underlying instrument's UnderlyingID(2874).

Type: [String](#)

Used in groups: [SideCollateralAmountGrp](#)

**170.2.4947 SideValue1**

Amounts in currency

Type: **Amt**

Used in messages: **BidRequest**

**170.2.4948 SideValue2**

Amounts in currency

Type: **Amt**

Used in messages: **BidRequest**

**170.2.4949 SideValueInd**

Code to identify which "SideValue" the value refers to. SideValue1 and SideValue2 are used as opposed to Buy or Sell so that the basket can be quoted either way as Buy or Sell.

Type: **int**

Allowed values in SideValueIndCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
1	SideValue1	Side Value 1
2	SideValue2	Side Value 2

---

Used in groups: **BidDescReqGrp**, **ListOrdGrp**

**170.2.4950 SideVenueType**

Identifies the type of venue where the trade was executed for the side.

Type: **char**

Allowed values in VenueTypeCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
E	Electronic	Electronic exchange

---

Code	Name	Description
P	Pit	Pit
X	ExPit	Ex-pit
C	ClearingHouse	Clearinghouse
R	RegisteredMarket	Registered market. Markets registered with regulators such as exchange, multilateral trading facility (MTF), swap execution facility (SEF). In the context of regulatory reporting (e.g. CFTC reporting), this is used for regulated markets, e.g. swap markets.
O	OffMarket	Off-market. Off-book, off-facility. In the context of regulatory reporting (e.g. CFTC reporting) this identifies trades conducted away from a regulated market.
B	CentralLimitOrderBook	Central limit order book
Q	QuoteDrivenMarket	Quote driven market
D	DarkOrderBook	Dark order book
A	AuctionDrivenMarket	Auction driven market. Markets where matching occurs only in scheduled auctions.
N	QuoteNegotiation	Quote negotiation. Discretionary quoting on request or "request for quote" market.
V	VoiceNegotiation	Voice negotiation. A trading system where transactions between members are arranged through voice negotiation.
H	HybridMarket	Hybrid market. A hybrid system falling into two or more types of trading systems. In the context of ESMA reporting, this is for "Hybrid system." In the context of FCA reporting, this is for "Any other, including hybrid."
z	OtherMarket	Other market (lowercase "z"). A market that does not fall under any of the market types defined for VenueType(1430). In the context of ESMA reporting, this is for "Any other, excluding hybrid."

Used in groups: [TrdMatchSideGrp](#)

### 170.2.4951 Signature

Electronic signature

Type: [data](#)

Used in components: [StandardTrailer](#)

**170.2.4952 SignatureLength**

Number of bytes in signature field

Type: **Length**

Used in components: **StandardTrailer**

**170.2.4953 SingleQuoteIndicator**

Used to indicate whether the quoting system allows only one quote to be active at a time for the quote issuer or market maker.

Type: **Boolean**

Allowed values in SingleQuoteIndicatorCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
N	MultipleQuotesAllowed	Multiple quotes allowed
Y	OnlyOneQuoteAllowed	Only one quote allowed

---

Used in messages: **Quote**

**170.2.4954 SolicitedFlag**

Indicates whether or not the order was solicited.

Type: **Boolean**

Allowed values in SolicitedFlagCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
N	WasNotSolicited	Was not solicited
Y	WasSolicited	Was solicited

---

Used in groups: **ListOrdGrp, SideCrossOrdModGrp, TrdCapRptAckSideGrp, TrdCapRptSideGrp, Trd-MatchSideGrp**

Used in messages: **ExecutionReport, MultilegOrderCancelReplace, NewOrderMultileg, NewOrderSingle, OrderCancelReplaceRequest, Quote**

**170.2.4955 SpecialDividendsIndicator**

Indicates whether special dividends are applicable.

Type: **Boolean**

Used in components: **DividendConditions**

**170.2.4956 Spread**

For Fixed Income. Either Swap Spread or Spread to Benchmark depending upon the order type.

Spread to Benchmark: Basis points relative to a benchmark. To be expressed as count of basis points (vs. an absolute value). E.g. High Grade Corporate Bonds may express price as basis points relative to benchmark (the BenchmarkCurveName(221) field). Note: Basis points can be negative.

Swap Spread: Target spread for a swap.

Type: **PriceOffset**

Used in components: **SpreadOrBenchmarkCurveData**

**170.2.4957 SpreadOrBenchmarkCurveData**

The SpreadOrBenchmarkCurveData component block is primarily used for Fixed Income to convey spread to a benchmark security or curve.

---

<b>Name</b>	<b>Mult.</b>	<b>Type</b>	<b>Description</b>
<b>Spread</b>	[0..1]	PriceOffset	For Fixed Income
<b>BenchmarkCurveCurrency</b>	[0..1]	Currency	
<b>BenchmarkCurveCurrencyCodeSource</b>	[0..1]	CodeSet	
<b>BenchmarkCurveName</b>	[0..1]	CodeSet	
<b>BenchmarkCurvePoint</b>	[0..1]	String	
<b>BenchmarkPrice</b>	[0..1]	Price	
<b>BenchmarkPriceType</b>	[0..1]	CodeSet	Must be present if BenchmarkPrice is used.
<b>BenchmarkSecurityID</b>	[0..1]	String	The identifier of the benchmark security, e.g. Treasury against Corporate bond.
<b>BenchmarkSecurityIDSource</b>	[0..1]	CodeSet	Source of BenchmarkSecurityID. If not specified, then ID Source is understood to be the same as that in the Instrument block.

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Used in groups: [InstrmtMDReqGrp](#), [ListOrdGrp](#), [MDFullGrp](#), [MDIncGrp](#), [QuotReqGrp](#), [QuotReqRjctGrp](#), [SecListGrp](#), [SecLstUpdRelSymGrp](#)

Used in messages: [AllocationInstruction](#), [AllocationInstructionAlert](#), [AllocationReport](#), [CollateralAssignment](#), [CollateralInquiry](#), [CollateralReport](#), [CollateralRequest](#), [CollateralResponse](#), [Confirmation](#), [CrossOrderCancelReplaceRequest](#), [ExecutionReport](#), [IOI](#), [NewOrderCross](#), [NewOrderSingle](#), [OrderCancelReplaceRequest](#), [Quote](#), [QuoteResponse](#), [QuoteStatusReport](#), [SecurityDefinition](#), [SecurityDefinitionRequest](#), [SecurityDefinitionUpdateReport](#), [TradeCaptureReport](#)

### 170.2.4958 StandardHeader

The standard FIX message header

Name	Mult.	Type	Description
<a href="#">BeginString</a>	[1..1]	CodeSet	FIXT.1.1 (Always unencrypted, must be first field in message)
<a href="#">BodyLength</a>	[1..1]	Length	(Always unencrypted, must be second field in message)
<a href="#">MsgType</a>	[1..1]	CodeSet	(Always unencrypted, must be third field in message)
<a href="#">ApplVerID</a>	[0..1]	CodeSet	Indicates application version using a service pack identifier. The ApplVerID applies to a specific message occurrence.
<a href="#">ApplExtID</a>	[0..1]	int	
<a href="#">CstmApplVerID</a>	[0..1]	String	Used to support bilaterally agreed custom functionality
<a href="#">SenderCompID</a>	[1..1]	String	(Always unencrypted)
<a href="#">TargetCompID</a>	[1..1]	String	(Always unencrypted)
<a href="#">OnBehalfOfCompID</a>	[0..1]	String	Trading partner company ID used when sending messages via a third party (Can be embedded within encrypted data section.)
<a href="#">DeliverToCompID</a>	[0..1]	String	Trading partner company ID used when sending messages via a third party (Can be embedded within encrypted data section.)
<a href="#">SecureDataLen</a>	[0..1]	Length	Required to identify length of encrypted section of message. (Always unencrypted)
<a href="#">SecureData</a>	[0..1]	data	Required when message body is encrypted. Always immediately follows SecureDataLen field.
<a href="#">MsgSeqNum</a>	[1..1]	SeqNum	(Can be embedded within encrypted data section.)

<b>Name</b>	<b>Mult.</b>	<b>Type</b>	<b>Description</b>
SenderSubID	[0..1]	String	(Can be embedded within encrypted data section.)
SenderLocationID	[0..1]	String	Sender's LocationID (i.e. geographic location and/or desk) (Can be embedded within encrypted data section.)
TargetSubID	[0..1]	String	"ADMIN" reserved for administrative messages not intended for a specific user. (Can be embedded within encrypted data section.)
TargetLocationID	[0..1]	String	Trading partner LocationID (i.e. geographic location and/or desk) (Can be embedded within encrypted data section.)
OnBehalfOfSubID	[0..1]	String	Trading partner SubID used when delivering messages via a third party. (Can be embedded within encrypted data section.)
OnBehalfOfLocationID	[0..1]	String	Trading partner LocationID (i.e. geographic location and/or desk) used when delivering messages via a third party. (Can be embedded within encrypted data section.)
DeliverToSubID	[0..1]	String	Trading partner SubID used when delivering messages via a third party. (Can be embedded within encrypted data section.)
DeliverToLocationID	[0..1]	String	Trading partner LocationID (i.e. geographic location and/or desk) used when delivering messages via a third party. (Can be embedded within encrypted data section.)
PossDupFlag	[0..1]	CodeSet	Always required for retransmitted messages, whether prompted by the sending system or as the result of a resend request. (Can be embedded within encrypted data section.)
PossResend	[0..1]	CodeSet	Required when message may be duplicate of another message sent under a different sequence number. (Can be embedded within encrypted data section.)
SendingTime	[1..1]	UTCTimestamp	(Can be embedded within encrypted data section.)
OrigSendingTime	[0..1]	UTCTimestamp	Required for message resent as a result of a ResendRequest. If data is not available set to same value as SendingTime (Can be embedded within encrypted data section.)
XmlDataLen	[0..1]	Length	Required when specifying XmlData to identify the length of a XmlData message block. (Can be embedded within encrypted data section.)



Name	Mult.	Type	Description
<a href="#">XmlData</a>	[0..1]	XMLData	Can contain a XML formatted message block (e.g. FIXML). Always immediately follows XmlDataLen field. (Can be embedded within encrypted data section.). See Volume 1: FIXML Support
<a href="#">MessageEncoding</a>	[0..1]	String	Type of message encoding (non-ASCII characters) used in a message's "Encoded" fields. Required if any "Encoding" fields are used.
<a href="#">LastMsgSeqNumProcessed</a>	[0..1]	SeqNum	The last MsgSeqNum value received by the FIX engine and processed by downstream application, such as trading system or order routing system. Can be specified on every message sent. Useful for detecting a backlog with a counterparty.
<a href="#">HopGrp</a>	[0..*]	Group	Number of repeating groups of historical "hop" information. Only applicable if OnBehalfOfCompID is used, however, its use is optional. Note that some market regulations or counterparties may require tracking of message hops.

Used in messages: [AccountSummaryReport](#), [AdjustedPositionReport](#), [Advertisement](#), [AllocationInstruction](#), [AllocationInstructionAck](#), [AllocationInstructionAlert](#), [AllocationInstructionAlertRequest](#), [AllocationInstructionAlertRequestAck](#), [AllocationReport](#), [AllocationReportAck](#), [ApplicationMessageReport](#), [ApplicationMessageRequest](#), [ApplicationMessageRequestAck](#), [AssignmentReport](#), [BidRequest](#), [BidResponse](#), [BusinessMessageReject](#), [CollateralAssignment](#), [CollateralInquiry](#), [CollateralInquiryAck](#), [CollateralReport](#), [CollateralReportAck](#), [CollateralRequest](#), [CollateralResponse](#), [Confirmation](#), [ConfirmationAck](#), [ConfirmationRequest](#), [ContraryIntentionReport](#), [CrossOrderCancelReplaceRequest](#), [CrossOrderCancelRequest](#), [CrossRequest](#), [CrossRequestAck](#), [DerivativeSecurityList](#), [DerivativeSecurityListRequest](#), [DerivativeSecurityListUpdateReport](#), [DontKnowTrade](#), [Email](#), [ExecutionAck](#), [ExecutionReport](#), [Heartbeat](#), [IOI](#), [ListCancelRequest](#), [ListExecute](#), [ListStatus](#), [ListStatusRequest](#), [ListStrikePrice](#), [Logon](#), [Logout](#), [MarginRequirementInquiry](#), [MarginRequirementInquiryAck](#), [MarginRequirementReport](#), [MarketDataIncrementalRefresh](#), [MarketDataReport](#), [MarketDataRequest](#), [MarketDataRequestReject](#), [MarketDataSnapshotFullRefresh](#), [MarketDataStatisticsReport](#), [MarketDataStatisticsRequest](#), [MarketDefinition](#), [MarketDefinitionRequest](#), [MarketDefinitionUpdateReport](#), [MassOrder](#), [MassOrderAck](#), [MassQuote](#), [MassQuoteAck](#), [MultilegOrderCancelReplace](#), [NetworkCounterpartySystemStatusRequest](#), [NetworkCounterpartySystemStatusResponse](#), [NewOrderCross](#), [NewOrderList](#), [NewOrderMultileg](#), [NewOrderSingle](#), [News](#), [OrderCancelReject](#), [OrderCancelReplaceRequest](#), [OrderCancelRequest](#), [OrderMassActionReport](#), [OrderMassActionRequest](#), [OrderMassCancelReport](#), [OrderMassCancelRequest](#), [OrderMassSta-](#)

tusRequest, OrderStatusRequest, PartyActionReport, PartyActionRequest, PartyDetailsDefinitionRequest, PartyDetailsDefinitionRequestAck, PartyDetailsListReport, PartyDetailsListRequest, PartyDetailsListUpdateReport, PartyEntitlementsDefinitionRequest, PartyEntitlementsDefinitionRequestAck, PartyEntitlementsReport, PartyEntitlementsRequest, PartyEntitlementsUpdateReport, PartyRiskLimitCheckRequest, PartyRiskLimitCheckRequestAck, PartyRiskLimitsDefinitionRequest, PartyRiskLimitsDefinitionRequestAck, PartyRiskLimitsReport, PartyRiskLimitsReportAck, PartyRiskLimitsRequest, PartyRiskLimitsUpdateReport, PayManagementReport, PayManagementReportAck, PayManagementRequest, PayManagementRequestAck, PositionMaintenanceReport, PositionMaintenanceRequest, PositionReport, PositionTransferInstruction, PositionTransferInstructionAck, PositionTransferReport, Quote, QuoteAck, QuoteCancel, QuoteRequest, QuoteRequestReject, QuoteResponse, QuoteStatusReport, QuoteStatusRequest, RFQRequest, RegistrationInstructions, RegistrationInstructionsResponse, Reject, RequestForPositions, RequestForPositionsAck, ResendRequest, SecurityDefinition, SecurityDefinitionRequest, SecurityDefinitionUpdateReport, SecurityList, SecurityListRequest, SecurityListUpdateReport, SecurityMassStatus, SecurityMassStatusRequest, SecurityStatus, SecurityStatusRequest, SecurityTypeRequest, SecurityTypes, SequenceReset, SettlementInstructionRequest, SettlementInstructions, SettlementObligationReport, SettlementStatusReport, SettlementStatusReportAck, SettlementStatusRequest, SettlementStatusRequestAck, StreamAssignmentReport, StreamAssignmentReportAck, StreamAssignmentRequest, TestRequest, TradeAggregationReport, TradeAggregationRequest, TradeCaptureReport, TradeCaptureReportAck, TradeCaptureReportRequest, TradeCaptureReportRequestAck, TradeMatchReport, TradeMatchReportAck, TradingSessionList, TradingSessionListRequest, TradingSessionListUpdateReport, TradingSessionStatus, TradingSessionStatusRequest, UserNotification, UserRequest, UserResponse, XMLnonFIX

### 170.2.4959 StandardTrailer

The standard FIX message trailer

Name	Mult.	Type	Description
SignatureLength	[0..1]	Length	Required when trailer contains signature. Note: Not to be included within SecureData field
Signature	[0..1]	data	Note: Not to be included within SecureData field
Checksum	[1..1]	String	(Always unencrypted, always last field in message)

Used in messages: AccountSummaryReport, AdjustedPositionReport, Advertisement, AllocationInstruction, AllocationInstructionAck, AllocationInstructionAlert, AllocationInstructionAlertRequest, AllocationInstructionAlertRequestAck, AllocationReport, AllocationReportAck, ApplicationMessageReport, ApplicationMessageRequest, ApplicationMessageRequestAck, AssignmentReport, BidRequest,

BidResponse, BusinessMessageReject, CollateralAssignment, CollateralInquiry, CollateralInquiryAck, CollateralReport, CollateralReportAck, CollateralRequest, CollateralResponse, Confirmation, ConfirmationAck, ConfirmationRequest, ContraryIntentionReport, CrossOrderCancelReplaceRequest, CrossOrderCancelRequest, CrossRequest, CrossRequestAck, DerivativeSecurityList, DerivativeSecurityListRequest, DerivativeSecurityListUpdateReport, DontKnowTrade, Email, ExecutionAck, ExecutionReport, Heartbeat, IOI, ListCancelRequest, ListExecute, ListStatus, ListStatusRequest, ListStrikePrice, Logon, Logout, MarginRequirementInquiry, MarginRequirementInquiryAck, MarginRequirementReport, MarketDataIncrementalRefresh, MarketDataReport, MarketDataRequest, MarketDataRequestReject, MarketDataSnapshotFullRefresh, MarketDataStatisticsReport, MarketDataStatisticsRequest, MarketDefinition, MarketDefinitionRequest, MarketDefinitionUpdateReport, MassOrder, MassOrderAck, MassQuote, MassQuoteAck, MultilegOrderCancelReplace, NetworkCounterpartySystemStatusRequest, NetworkCounterpartySystemStatusResponse, NewOrderCross, NewOrderList, NewOrderMultileg, NewOrderSingle, News, OrderCancelReject, OrderCancelReplaceRequest, OrderCancelRequest, OrderMassActionReport, OrderMassActionRequest, OrderMassCancelReport, OrderMassCancelRequest, OrderMassStatusRequest, OrderStatusRequest, PartyActionReport, PartyActionRequest, PartyDetailsDefinitionRequest, PartyDetailsDefinitionRequestAck, PartyDetailsListReport, PartyDetailsListRequest, PartyDetailsListUpdateReport, PartyEntitlementsDefinitionRequest, PartyEntitlementsDefinitionRequestAck, PartyEntitlementsReport, PartyEntitlementsRequest, PartyEntitlementsUpdateReport, PartyRiskLimitCheckRequest, PartyRiskLimitCheckRequestAck, PartyRiskLimitsDefinitionRequest, PartyRiskLimitsDefinitionRequestAck, PartyRiskLimitsReport, PartyRiskLimitsReportAck, PartyRiskLimitsRequest, PartyRiskLimitsUpdateReport, PayManagementReport, PayManagementReportAck, PayManagementRequest, PayManagementRequestAck, PositionMaintenanceReport, PositionMaintenanceRequest, PositionReport, PositionTransferInstruction, PositionTransferInstructionAck, PositionTransferReport, Quote, QuoteAck, QuoteCancel, QuoteRequest, QuoteRequestReject, QuoteResponse, QuoteStatusReport, QuoteStatusRequest, RFQRequest, RegistrationInstructions, RegistrationInstructionsResponse, Reject, RequestForPositions, RequestForPositionsAck, ResendRequest, SecurityDefinition, SecurityDefinitionRequest, SecurityDefinitionUpdateReport, SecurityList, SecurityListRequest, SecurityListUpdateReport, SecurityMassStatus, SecurityMassStatusRequest, SecurityStatus, SecurityStatusRequest, SecurityTypeRequest, SecurityTypes, SequenceReset, SettlementInstructionRequest, SettlementInstructions, SettlementObligationReport, SettlementStatusReport, SettlementStatusReportAck, SettlementStatusRequest, SettlementStatusRequestAck, StreamAssignmentReport, StreamAssignmentReportACK, StreamAssignmentRequest, TestRequest, TradeAggregationReport, TradeAggregationRequest, TradeCaptureReport, TradeCaptureReportAck, TradeCaptureReportRequest, TradeCaptureReportRequestAck, TradeMatchReport, TradeMatchReportAck, TradingSessionList, TradingSessionListRequest, TradingSessionListUpdateReport, TradingSessionStatus, TradingSessionStatusRequest, UserNotification, UserRequest, UserResponse, XMLnonFIX

### **170.2.4960 StandardVariance**

Standard variance (over the lifetime of an instrument) or initial variance used to calculate settlement prices, e.g. for variance futures.

Type: **float**

Used in groups: **ClearingPriceParametersGrp**

### **170.2.4961 StandInstDbID**

Unique identifier used on the Standing Instructions database for the Standing Instructions to be referenced.

Type: **String**

Used in components: **SettlInstructionsData**

Used in groups: **SettlDetails**

Used in messages: **SettlementInstructionRequest**

### **170.2.4962 StandInstDbName**

Name of the Standing Instruction database represented with StandInstDbType (169) (i.e. the Global Custodian's name).

Type: **String**

Used in components: **SettlInstructionsData**

Used in groups: **SettlDetails**

Used in messages: **SettlementInstructionRequest**

### **170.2.4963 StandInstDbType**

Identifies the Standing Instruction database used

Type: **int**

Allowed values in StandInstDbTypeCodeSet:

---

Code	Name	Description
0	Other	Other
1	DTCSID	DTC SID
2	ThomsonALERT	Thomson ALERT
3	AGlobalCustodian	A Global Custodian (StandInstDBName (70) must be provided)
4	AccountNet	AccountNet

---

Used in components: [SettlInstructionsData](#)

Used in groups: [SettlDetails](#)

Used in messages: [SettlementInstructionRequest](#)

#### **170.2.4964 StartCash**

Starting dirty cash consideration of a financing deal, i.e. paid to the seller on the Start Date.

Type: [Amt](#)

Used in groups: [TrdCapRptAckSideGrp](#), [TrdCapRptSideGrp](#)

Used in messages: [AllocationInstruction](#), [AllocationInstructionAlert](#), [AllocationReport](#), [CollateralAssignment](#), [CollateralInquiry](#), [CollateralReport](#), [CollateralRequest](#), [CollateralResponse](#), [Confirmation](#), [ExecutionReport](#)

#### **170.2.4965 StartDate**

Start date of a financing deal, i.e. the date the buyer pays the seller cash and takes control of the collateral

Type: [LocalMktDate](#)

Used in components: [FinancingDetails](#)

#### **170.2.4966 StartMaturityMonthYear**

Starting maturity month year for an option class

Type: [MonthYear](#)

Used in groups: [MaturityRules](#)

**170.2.4967 StartPriceRange**

Lower boundary for price range.

Type: [Price](#)

Used in groups: [PriceRangeRuleGrp](#)

**170.2.4968 StartStrikePxRange**

Starting price for the range to which the StrIKEIncrement applies. Price refers to the price of the underlying

Type: [Price](#)

Used in groups: [StrikeRules](#)

**170.2.4969 StartTickPriceRange**

Starting price range for specified tick increment

Type: [Price](#)

Used in groups: [TickRules](#)

**170.2.4970 StateOrProvinceOfIssue**

A two-character state or province abbreviation.

Type: [String](#)

Used in components: [Instrument](#)

**170.2.4971 StatsIndGrp**

---

Name	Mult.	Type	Description
<a href="#">NoStatsIndicators</a>	[1..1]	NumInGroup	Number of statistics indicators
<a href="#">StatsType</a>	[0..1]	CodeSet	Indicates that the MD Entry is eligible for inclusion in the type of statistic specified by the StatsType. Must be provided if NoStatsIndicators greater than 0.

---

Used in groups: [MDIncGrp](#)

**170.2.4972 StatsType**

Type of statistics

Type: **int**

Allowed values in StatsTypeCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
1	ExchangeLast	Exchange Last
2	High	High / Low Price
3	AveragePrice	Average Price (VWAP, TWAP .. )
4	Turnover	Turnover (Price * Qty)

---

Used in groups: **StatsIndGrp**

**170.2.4973 StatusText**

A text description associated with a network status.

Type: **String**

Used in groups: **CompIDStatGrp**

**170.2.4974 StatusValue**

Indicates the status of a network connection

Type: **int**

Allowed values in StatusValueCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
1	Connected	Connected
2	NotConnectedUnexpected	Not Connected - down expected up
3	NotConnectedExpected	Not Connected - down expected down
4	InProcess	In Process

---

Used in groups: **CompIDStatGrp**

## 170.2.4975 Stipulations

The Stipulations component block is used in Fixed Income to provide additional information on a given security. These additional information are usually not considered static data information.

Name	Mult.	Type	Description
NoStipulations	[1..1]	NumInGroup	
StipulationType	[0..1]	CodeSet	Required if NoStipulations >0
StipulationValue	[0..1]	String	

Used in groups: ListOrdGrp, QuotReqGrp, QuotReqRjctGrp, SecListGrp, SecLstUpdRelSymGrp, TrdCapRptAckSideGrp, TrdCapRptSideGrp

Used in messages: AllocationInstruction, AllocationInstructionAlert, AllocationReport, CollateralAssignment, CollateralInquiry, CollateralReport, CollateralRequest, CollateralResponse, Confirmation, CrossOrderCancelReplaceRequest, ExecutionReport, IOI, NewOrderCross, NewOrderSingle, OrderCancelReplaceRequest, Quote, QuoteResponse, QuoteStatusReport, SecurityDefinition, SecurityDefinitionRequest, SecurityDefinitionUpdateReport

## 170.2.4976 StipulationType

For Fixed Income.

Type of Stipulation.

Other types may be used by mutual agreement of the counterparties.

(Note tag # was reserved in FIX 4.1, added in FIX 4.3)

Type: **String**

Allowed values in StipulationTypeCodeSet:

Code	Name	Description
ABS	AbsolutePrepaymentSpeed	Absolute Prepayment Speed
AMT	AlternativeMinimumTax	Alternative Minimum Tax (Y/N)



<b>Code</b>	<b>Name</b>	<b>Description</b>
INCURRCVY	IncurredRecovery	Incurred recovery (Y/N). Specifies whether incurred recovery is applicable (Y) or not (N). Outstanding Swap Notional Amount is defined at any time on any day, as the greater of: (a) Zero; If Incurred Recovery Amount Applicable: (b) The Original Swap Notional Amount minus the sum of all Incurred Loss Amounts and all Incurred Recovery Amounts (if any) determined under this Confirmation at or prior to such time. Incurred Recovery Amount not populated: (b) The Original Swap Notional Amount minus the sum of all Incurred Loss Amounts determined under this Confirmation at or prior to such time. 2009 CDX Tranche Terms.
ADDTRM	AdditionalTerm	Additional term. Used for representing information contained in the Additional Terms field of the 2003 Master Credit Derivatives confirm.
AUTOREINV	AutoReinvestment	Auto Reinvestment at <rate> or better
CPP	ConstantPrepaymentPenalty	Constant Prepayment Penalty
BANKQUAL	BankQualified	Bank qualified (Y/N)
CPR	ConstantPrepaymentRate	Constant Prepayment Rate
MODEQTYDLVY	ModifiedEquityDelivery	Modified equity delivery. Indicates whether delivery of selected obligations having an amount greater than the reference entity notional amount is allowed (Y) or (N). 2005 iTraxx tranching Transactions Standard Terms Supplement.
BGNCON	BargainConditions	Bargain conditions (see StipulationValue (234) for values)
CPY	ConstantPrepaymentYield	Constant Prepayment Yield
NOREFOBLIG	NoReferenceObligation	No reference obligation (Y/N). When specified as "Y" this indicates that there is no Reference Obligation associated with this Credit Default Swap and that there will never be one. 2003 ISDA Credit Derivatives Definitions.
COUPON	CouponRange	Coupon range
HEP	FinalCPRofHomeEquityPrepaymentCurve	final CPR of Home Equity Prepayment Curve
UNKREFOBLIG	UnknownReferenceObligation	Unknown reference obligation (Y/N). When specified as "Y" this indicates that the Reference obligation associated with the Credit Default Swap is currently not known. This is not valid for Legal Confirmation purposes, but is valid for earlier stages in the trade life cycle (e.g. Broker Confirmation). 2003 FpML-CD-4.0.

<b>Code</b>	<b>Name</b>	<b>Description</b>
ALLGUARANTEES	AllGuarantees	All guarantees (Y/N). Indicates whether an obligation of the Reference Entity, guaranteed by the Reference Entity on behalf of a non-Affiliate, is to be considered an Obligation for the purpose of the transaction (Y) or (N). ISDA 2003 Term: All Guarantees.
CURRENCY	ISOCurrencyCode	ISO Currency Code
MHP	PercentOfManufacturedHousingPrepaymentCurve	Percent of Manufactured Housing Prepayment Curve
CUSTOMDATE	CustomStart	Custom start/end date
MPR	MonthlyPrepaymentRate	Monthly Prepayment Rate
REFPX	ReferencePrice	Reference price (Y/N). Specifies the reference price expressed as a percentage between 0 and 1 (e.g. 0.05 is 5%). The reference price is used to determine (a) for physically settled trades, the Physical Settlement Amount, which equals the Floating Rate Payer Calculation Amount times the Reference Price and (b) for cash settled trades, the Cash Settlement Amount, which equals the greater of (i) the difference between the Reference Price and the Final Price and (ii) zero. ISDA 2003 Term: Reference Price.
GEOG	Geographics	Geographics and % range (ex. 234=CA 0-80 [minimum of 80% California assets])
PPC	PercentOfProspectusPrepaymentCurve	Percent of Prospectus Prepayment Curve
REFPOLICY	ReferencePolicy	Reference policy (Y/N). Indicates whether the reference obligation is guaranteed (Y), or not (N), under a reference policy. If the Reference Obligation is guaranteed under a Reference Policy, and such Reference Policy by its terms excludes any component of the Expected Principal Amount for purposes of determining the liability of the relevant Insurer, or the Insurer is otherwise not required to pay any such amounts under the terms of the Reference Policy, the relevant component or amount shall also be excluded for purposes of determining the Expected Principal Amount with respect to any determination of Principal Shortfall hereunder. 2006 ISDA CDS on MBS Terms.
HAIRCUT	ValuationDiscount	Valuation Discount
PSA	PercentOfBMAPrepaymentCurve	Percent of BMA Prepayment Curve

<b>Code</b>	<b>Name</b>	<b>Description</b>
SECRDLIST	SecuredList	Secured list (Y/N). Specifies whether a list of Syndicated Secured Obligations (also known as the Relevant Secured List) exists (Y), or not (N), for the Reference Entity. With respect to any day, the list of Syndicated Secured Obligations of the Designated Priority of the Reference Entity published by Markit Group Limited or any successor thereto appointed by the Specified Dealers (the "Secured List Publisher") on or most recently before such day, which list is currently available at [ <a href="http://www.markit.com">http://www.markit.com</a> ]. ISDA 2003 Term: Relevant Secured List.
INSURED	Insured	Insured (Y/N)
SMM	SingleMonthlyMortality	Single Monthly Mortality
ISSUE	IssueDate	Year Or Year/Month of Issue (ex. 234=2002/09)
ISSUER	Issuer	Issuer's ticker
ISSUESIZE	IssueSizeRange	issue size range
LOOKBACK	LookbackDays	Lookback Days
LOT	ExplicitLotIdentifier	Explicit lot identifier
LOTVAR	LotVariance	Lot Variance (value in percent maximum over- or under-allocation allowed)
MAT	MaturityYearAndMonth	Maturity Year And Month
MATURITY	MaturityRange	Maturity range
MAXSUBS	MaximumSubstitutions	Maximum substitutions (Repo)
MINDNOM	MinimumDenomination	Minimum denomination
MININCR	MinimumIncrement	Minimum increment
MINQTY	MinimumQuantity	Minimum quantity
PAYFREQ	PaymentFrequency	Payment frequency, calendar
PIECES	NumberOfPieces	Number Of Pieces
PMAX	PoolsMaximum	Pools Maximum
PPL	PoolsPerLot	Pools per Lot
PPM	PoolsPerMillion	Pools per Million
PPT	PoolsPerTrade	Pools per Trade
PRICE	PriceRange	Price Range
PRICEFREQ	PricingFrequency	Pricing frequency
PROD	ProductionYear	Production Year
PROTECT	CallProtection	Call protection
PURPOSE	Purpose	Purpose

<b>Code</b>	<b>Name</b>	<b>Description</b>
PXSOURCE	BenchmarkPriceSource	Benchmark price source
RATING	RatingSourceAndRange	Rating source and range
REDEMPTION	TypeOfRedemption	Type Of Redemption - values are: NonCallable, Prefunded, EscrowedToMaturity, Puttable, Convertible
RESTRICTED	Restricted	Restricted (Y/N)
SECTOR	MarketSector	Market Sector
SECTYPE	SecurityTypeIncludedOrExcluded	Security Type included or excluded
STRUCT	Structure	Structure
SUBSFREQ	SubstitutionsFrequency	Substitutions frequency (Repo)
SUBSLEFT	SubstitutionsLeft	Substitutions left (Repo)
TEXT	FreeformText	Freeform Text
TRDVAR	TradeVariance	Trade Variance (value in percent maximum over- or under-allocation allowed)
WAC	WeightedAverageCoupon	Weighted Average Coupon - value in percent (exact or range) plus "Gross" or "Net" of servicing spread (the default) (ex. 234=6.5-Net [minimum of 6.5% net of servicing fee])
WAL	WeightedAverageLifeCoupon	Weighted Average Life Coupon - value in percent (exact or range)
WALA	WeightedAverageLoanAge	Weighted Average Loan Age - value in months (exact or range)
WAM	WeightedAverageMaturity	Weighted Average Maturity - value in months (exact or range)
WHOLE	WholePool	Whole Pool (Y/N)
YIELD	YieldRange	Yield Range
AVFICO	AverageFICOScore	Average FICO Score
ORIGAMT	OriginalAmount	Original amount. The original issued amount of a mortgage backed security or other loan/asset backed security.
AVSIZE	AverageLoanSize	Average Loan Size
POOLEFFDT	PoolEffectiveDate	Pool effective date
MAXBAL	MaximumLoanBalance	Maximum Loan Balance

<b>Code</b>	<b>Name</b>	<b>Description</b>
POOLINITFCTR	PoolInitialFactor	Pool initial factor. For mortgage backed securities, the part of the mortgage that is outstanding on trade inception, i.e. has not been repaid yet as principal. It is expressed as a multiplier factor to the mortgage: where 1 means that the whole mortgage amount is outstanding, 0.8 means that 80% remains to be repaid and 20% has been repaid.
POOL	PoolIdentifier	Pool Identifier
TRANCHE	Tranche	Tranche identifier. Identifies the tranche of a mortgage backed security, loan, collateralized mortgage obligation or similar securities that can be split into different risk or maturity (for example) classes.
ROLLTYPE	TypeOfRollTrade	Type of Roll trade
SUBSTITUTION	Substitution	Substitution (Y/N). Indicates whether substitution is applicable (Y) or (N).
MULTEXCHFLLBCK	MULTEXCHFLLBCK	Multiple exchange fallback (Y/N). For an index option transaction, indicates whether a relevant "Multiple Exchange Index Annex" is applicable (Y) to the transaction or not (N). This annex defines additional provisions which are applicable where an index is comprised of component securities that are traded on multiple exchanges.
REFTRADE	ReferenceToRollingOrClosing-Trade	Reference to rolling or closing trade
COMPSECFLBCK	COMPSECFLBCK	Component security fallback (Y/N). For an index option transaction, indicates whether a relevant "Component Security Index Annex" is applicable (Y) to the transaction or not (N).
REFPRIN	PrincipalOfRollingOrClosing-Trade	Principal to rolling or closing trade
LOCLJRSCTN	LOCLJRSCTN	Local jurisdiction (Y/N). "Local Jurisdiction" is used in the AEJ Master Confirmation to determine applicability (Y), or not (N), of local taxes (including taxes, duties, and similar charges) imposed by the taxing authority of the local jurisdiction.
REFINT	InterestOfRollingOrClosingTrade	Interest of rolling or closing trade
AVAILQTY	AvailableOfferQuantity-ToBeShownToTheStreet	Available offer quantity to be shown to the street

Code	Name	Description
RELVJRS DCTN	RELVJRS DCTN	Relevant jurisdiction (Y/N). "Relevant Jurisdiction" is used in the AEJ Master Confirmation to determine applicability (Y), or not (N), of local taxes (including taxes, duties and similar charges) that would be imposed by the taxing authority of the "country of underlier" on a "hypothetical broker dealer" assuming that the applicable hedge positions are held by its office in the Relevant Jurisdiction.
BROKERCREDIT	BrokerCredit	Broker's sales credit
INTERNALPX	OfferPriceToBeShownToInternalBrokers	Offer price to be shown to internal brokers
INTERNALQTY	OfferQuantityToBeShownToInternalBrokers	Offer quantity to be shown to internal brokers
LEAVEQTY	TheMinimumResidualOfferQuantity	The minimum residual offer quantity
MAXORDQTY	MaximumOrderSize	Maximum order size
ORDRINCR	OrderQuantityIncrement	Order quantity increment
PRIMARY	PrimaryOrSecondaryMarketIndicator	Primary or Secondary market indicator
SALESCREDITOVR	BrokerSalesCreditOverride	Broker sales credit override
TRADERCREDIT	TraderCredit	Trader's credit
DISCOUNT	DiscountRate	Discount Rate (when price is denominated in percent of par)
YTM	YieldToMaturity	Yield to Maturity (when YieldType(235) and Yield(236) show a different yield)
PAYOFF	InterestPayoffOfRollingOrAmendingTrade	Interest payoff of rolling or amending trade

Used in groups: [Stipulations](#)

### 170.2.4977 StipulationValue

For Fixed Income. Value of stipulation.

The expression can be an absolute single value or a combination of values and logical operators:

< value

> value

<= value

>= value

value

value - value2

value OR value2

value AND value2

YES

NO

Bargain conditions recognized by the London Stock Exchange - to be used when StipulationType is "BGNCON".

CD = Special cum Dividend

XD = Special ex Dividend

CC = Special cum Coupon

XC = Special ex Coupon

CB = Special cum Bonus

XB = Special ex Bonus

CR = Special cum Rights

XR = Special ex Rights

CP = Special cum Capital Repayments

XP = Special ex Capital Repayments

CS = Cash Settlement

SP = Special Price

TR = Report for European Equity Market Securities in accordance with Chapter 8 of the Rules.

GD = Guaranteed Delivery

Values for StipulationType = "PXSOURCE":

BB GENERIC

BB FAIRVALUE

BROKERTEC

ESPEED

GOVPX

HILLIARD FARBER

ICAP

TRADEWEB

TULLETT LIBERTY

If a particular side of the market is wanted append /BID /OFFER or /MID.

plus appropriate combinations of the above and other expressions by mutual agreement of the counterparties.

Examples: ">=60", ".25", "ORANGE OR CONTRACOSTA", etc.

(Note tag # was reserved in FIX 4.1, added in FIX 4.3)

Type: **String**

Used in groups: **Stipulations**

#### **170.2.4978 StopPx**

Price per unit of quantity (e.g. per share)

Type: **Price**

Used in components: **TradeReportOrderDetail**

Used in groups: **ListOrdGrp**

Used in messages: **CrossOrderCancelReplaceRequest, ExecutionReport, MultilegOrderCancelReplace, NewOrderCross, NewOrderMultileg, NewOrderSingle, OrderCancelReplaceRequest**

#### **170.2.4979 StrategyLinkID**

Identifies the multileg strategy (e.g. spread) to which the trade belongs. This links together trade legs executed as part of a strategy during a single match event.

Type: **String**

Used in groups: **MDFullGrp, MDIncGrp, TrdCapRptAckSideGrp, TrdCapRptSideGrp**



**170.2.4980 StrategyParameterName**

Name of parameter

Type: **String**

Used in groups: **StrategyParametersGrp**

**170.2.4981 StrategyParametersGrp**

---

<b>Name</b>	<b>Mult.</b>	<b>Type</b>	<b>Description</b>
<b>NoStrategyParameters</b>	[1..1]	NumInGroup	Indicates number of strategy parameters
<b>StrategyParameterName</b>	[0..1]	String	Name of parameter
<b>StrategyParameterType</b>	[0..1]	CodeSet	Datatype of the parameter.
<b>StrategyParameterValue</b>	[0..1]	String	Value of the parameter

---

Used in groups: **ListOrdGrp**

Used in messages: **CrossOrderCancelReplaceRequest**, **ExecutionReport**, **MultilegOrderCancelReplace**, **NewOrderCross**, **NewOrderMultileg**, **NewOrderSingle**, **OrderCancelReplaceRequest**

**170.2.4982 StrategyParameterType**

Datatype of the parameter

Type: **int**

Allowed values in StrategyParameterTypeCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
1	Int	Int
2	Length	Length
3	NumInGroup	NumInGroup
4	SeqNum	SeqNum
5	TagNum	TagNum
6	Float	float
7	Qty	Qty
8	Price	Price

---

Code	Name	Description
9	PriceOffset	PriceOffset
10	Amt	Amt
11	Percentage	Percentage
12	Char	Char
13	Boolean	Boolean
14	String	String
15	MultipleCharValue	MultipleCharValue
16	Currency	Currency
17	Exchange	Exchange
18	MonthYear	MonthYear
19	UTCTimestamp	UTCTimestamp
20	UTCTimeOnly	UTCTimeOnly
21	LocalMktDate	LocalMktDate
22	UTCDateOnly	UTCDateOnly
23	Data	data
24	MultipleStringValue	MultipleStringValue
25	Country	Country
26	Language	Language
27	TZTimeOnly	TZTimeOnly
28	TZTimestamp	TZTimestamp
29	Tenor	Tenor

---

Used in groups: [StrategyParametersGrp](#)

#### **170.2.4983 StrategyParameterValue**

Value of the parameter

Type: [String](#)

Used in groups: [StrategyParametersGrp](#)

#### **170.2.4984 StrategyType**

Specifies the type of trade strategy.

Type: **String**

Allowed values in StrategyTypeCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
STD	Straddle	Straddle
STG	Strangle	Strangle
BF	Butterfly	Butterfly
CNDR	Condor	Condor
CISN	CallableInversibleSnowball	Callable inversible snowball
OTHER	Other	Other

---

Used in components: **Instrument**

#### **170.2.4985 StreamAsgnAckType**

Type of acknowledgement.

Type: **int**

Allowed values in StreamAsgnAckTypeCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	AssignmentAccepted	Assignment Accepted
1	AssignmentRejected	Assignment Rejected

---

Used in messages: **StreamAssignmentReportACK**

#### **170.2.4986 StreamAsgnRejReason**

Reason code for stream assignment request reject.

Type: **int**

Allowed values in StreamAsgnRejReasonCodeSet:

---

Code	Name	Description
0	UnknownClient	Unknown client
1	ExceedsMaximumSize	Exceeds maximum size
2	UnknownOrInvalidCurrencyPair	Unknown or Invalid currency pair
3	NoAvailableStream	No available stream
99	Other	Other

---

Used in groups: [StrmAsgnRptInstrmtGrp](#)

Used in messages: [StreamAssignmentReportACK](#)

#### **170.2.4987 StreamAsgnReqID**

Unique identifier for the stream assignment request provided by the requester.

Type: [String](#)

Used in messages: [StreamAssignmentReport](#), [StreamAssignmentRequest](#)

#### **170.2.4988 StreamAsgnReqType**

Type of stream assignment request.

Type: [int](#)

Allowed values in StreamAsgnReqTypeCodeSet:

---

Code	Name	Description
1	StreamAssignmentForNewCustomer	Stream assignment for new customer(s)
2	StreamAssignmentForExistingCustomer	Stream assignment for existing customer(s)

---

Used in messages: [StreamAssignmentReport](#), [StreamAssignmentRequest](#)

#### **170.2.4989 StreamAsgnRptID**

Unique identifier of the stream assignment report provided by the respondent.

Type: [String](#)

Used in messages: [StreamAssignmentReport](#), [StreamAssignmentReportACK](#)

**170.2.4990 StreamAsgnType**

The type of assignment being affected in the Stream Assignment Report.

Type: **int**

Allowed values in StreamAsgnTypeCodeSet:

---

Code	Name	Description
1	Assignment	Assignment
2	Rejected	Rejected
3	Terminate	Terminate/Unassign

---

Used in groups: **StrmAsgnRptInstrmtGrp**

**170.2.4991 StreamAssetAttributeGrp**

The StreamAssetAttributeGrp is a repeating subcomponent of the StreamCommodity component used to detail commodity attributes, quality standards and reject limits.

---

Name	Mult.	Type	Description
<b>NoStreamAssetAttributes</b>	[1..1]	NumInGroup	
<b>StreamAssetAttributeType</b>	[0..1]	String	Required if NoStreamAssetAttributes(41237) > 0.
<b>StreamAssetAttributeValue</b>	[0..1]	String	
<b>StreamAssetAttributeLimit</b>	[0..1]	String	

---

Used in components: **StreamCommodity**

**170.2.4992 StreamAssetAttributeLimit**

Limit or lower acceptable value of the attribute.

Type: **String**

Used in groups: **StreamAssetAttributeGrp**

#### **170.2.4993 StreamAssetAttributeType**

Specifies the name of the attribute.

See [http://www.fixtradingcommunity.org/codelists#Asset\\_Attribute\\_Types](http://www.fixtradingcommunity.org/codelists#Asset_Attribute_Types) for code list of applicable asset attribute types.

Type: **String**

Used in groups: **StreamAssetAttributeGrp**

#### **170.2.4994 StreamAssetAttributeValue**

Specifies the value of the attribute.

Type: **String**

Used in groups: **StreamAssetAttributeGrp**

#### **170.2.4995 StreamCalculationBalanceOfFirstPeriod**

When specified and set to 'Y', it indicates that the first calculation period should run from the effective date to the end of the calendar period in which the effective date falls (e.g. Jan 15 - Jan 31 if the calculation periods are one month long and effective date is Jan 15.). If 'N' or not specified, it indicates that the first calculation period should run from the effective date for one whole period (e.g. Jan 15 to Feb 14 if the calculation periods are one month long and the effective date is Jan 15.).

Type: **Boolean**

Used in components: **StreamCalculationPeriodDates**

#### **170.2.4996 StreamCalculationCorrectionPeriod**

Time unit multiplier for the length of time after the publication of the data when corrections can be made.

Type: **int**

Used in components: **StreamCalculationPeriodDates**

**170.2.4997 StreamCalculationCorrectionUnit**

Time unit associated with the length of time after the publication of the data when corrections can be made.

Type: **String**

Allowed values in ProtectionTermEventUnitCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
D	Day	Day
Wk	Week	Week
Mo	Month	Month
Yr	Year	Year

---

Used in components: **StreamCalculationPeriodDates**

**170.2.4998 StreamCalculationFrequencyPeriod**

Time unit multiplier for the frequency at which calculation period end dates occur.

Type: **int**

Used in components: **StreamCalculationPeriodDates**

**170.2.4999 StreamCalculationFrequencyUnit**

Time unit associated with the frequency at which calculation period end dates occur.

Type: **String**

Allowed values in CouponFrequencyUnitCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
D	Day	Day
Wk	Week	Week
Mo	Month	Month
Yr	Year	Year
H	Hour	Hour
Min	Minute	Minute

---

Code	Name	Description
S	Second	Second
T	Term	Term

Used in components: [StreamCalculationPeriodDates](#)

### 170.2.5000 StreamCalculationPeriodBusinessCenter

The business center calendar used to adjust calculation periods, e.g. "GBLO".

See <http://www.fpml.org/coding-scheme/business-center> for standard 4-character code values.

Type: [String](#)

Used in groups: [StreamCalculationPeriodBusinessCenterGrp](#)

### 170.2.5001 StreamCalculationPeriodBusinessCenterGrp

StreamCalculationPeriodBusinessCenterGrp is a repeating subcomponent within the StreamCalculationPeriodDates component. It is used to specify the set of business centers whose calendars drive the date adjustment. Used only to override the business centers defined in the DateAdjustment component in Instrument.

Name	Mult.	Type	Description
<a href="#">NoStreamCalculationPeriodBusinessCenters</a>	[1..1]	NumInGroup	
<a href="#">StreamCalculationPeriodBusinessCenter</a>	[0..1]	String	Required if <a href="#">NoStreamCalculationPeriodBusinessCenters(40958)</a> > 0.

Used in components: [StreamCalculationPeriodDates](#)

### 170.2.5002 StreamCalculationPeriodBusinessDayConvention

The business day convention used to adjust calculation periods. Used only to override the business day convention specified in the DateAdjustment component within the Instrument component.

Type: [int](#)

Allowed values in [BusinessDayConventionCodeSet](#):



Code	Name	Description
0	NotApplicable	Not applicable. Business day convention is not applicable.
1	None	None (current day)
2	FollowingDay	Following day. The following business day.
3	FloatingRateNote	Floating rate note. The FRN business day convention.
4	ModifiedFollowingDay	Modified following day. The modified following business day.
5	PrecedingDay	Preceding day. The preceding business day.
6	ModifiedPrecedingDay	Modified preceding day. The modified preceding business day.
7	NearestDay	Nearest day. The nearest applicable business day.

Used in components: [StreamCalculationPeriodDates](#)

### 170.2.5003 StreamCalculationPeriodDate

The adjusted or unadjusted fixed calculation period date.

Type: [LocalMktDate](#)

Used in groups: [StreamCalculationPeriodDateGrp](#)

### 170.2.5004 StreamCalculationPeriodDateGrp

The StreamCalculationPeriodDateGrp is a repeating subcomponent of the StreamCalculationPeriodDates component used to detail fixed dates for the swap stream.

Name	Mult.	Type	Description
<a href="#">NoStreamCalculationPeriodDates</a>	[1..1]	NumInGroup	
<a href="#">StreamCalculationPeriodDate</a>	[0..1]	LocalMktDate	Required if <a href="#">NoStreamCalculationPeriodDates(41241)</a> > 0.
<a href="#">StreamCalculationPeriodDateType</a>	[0..1]	CodeSet	When specified it applies not only to the current date but to all subsequent dates in the group until overridden with a new type.

Used in components: [StreamCalculationPeriodDates](#)

**170.2.5005 StreamCalculationPeriodDates**

StreamCalculationPeriodDates is a subcomponent of the StreamGrp component used to specify the calculation period dates of the stream.

Name	Mult.	Type	Description
StreamCalculationPeriodDatesXID	[0..1]	XID	
StreamCalculationPeriodDatesXIDRef	[0..1]	XIDREF	
StreamCalculationPeriodBusinessDayConvention	[0..1]	CodeSet	When specified, this overrides the business day convention defined in the DateAdjustment component in Instrument. The specified value would be specific to this instance of the calculation period dates of the stream.
StreamCalculationPeriodBusinessCenterGrp	[0..*]	Group	When specified, this overrides the business centers defined in the DateAdjustment component in Instrument. The specified values would be specific to this instance of the calculation period dates of the stream.
StreamCalculationPeriodDateGrp	[0..*]	Group	
StreamFirstPeriodStartDateUnadjusted	[0..1]	LocalMktDate	
StreamFirstPeriodStartDateBusinessDayConvention	[0..1]	CodeSet	When specified, this overrides the business day convention defined in the DateAdjustment component in Instrument. The specified value would be specific to this instance of the calculation period dates of the stream.
StreamFirstPeriodStartDateBusinessCenterGrp	[0..*]	Group	When specified, this overrides the business centers defined in the DateAdjustment component in Instrument. The specified values would be specific to this instance of the calculation period dates of the stream.
StreamFirstPeriodStartDateAdjusted	[0..1]	LocalMktDate	
StreamFirstRegularPeriodStartDateUnadjusted	[0..1]	LocalMktDate	
StreamFirstCompoundingPeriodEndDateUnadjusted	[0..1]	LocalMktDate	
StreamLastRegularPeriodEndDateUnadjusted	[0..1]	LocalMktDate	
StreamCalculationFrequencyPeriod	[0..1]	int	Conditionally required when StreamCalculationFrequencyUnit(40083) is specified.

Name	Mult.	Type	Description
<a href="#">StreamCalculationFrequencyUnit</a>	[0..1]	CodeSet	Conditionally required when <a href="#">StreamCalculationFrequencyPeriod(40082)</a> is specified.
<a href="#">StreamCalculationRollConvention</a>	[0..1]	CodeSet	When specified, this overrides the date roll convention defined in the DateAdjustment component in Instrument. The specified values would be specific to this instance of the stream calculation dates.
<a href="#">StreamCalculationBalanceOfFirstPeriod</a>	[0..1]	Boolean	
<a href="#">StreamCalculationCorrectionPeriod</a>	[0..1]	int	Conditionally required when <a href="#">StreamCalculationCorrectionUnit(41248)</a> is specified.
<a href="#">StreamCalculationCorrectionUnit</a>	[0..1]	CodeSet	Conditionally required when <a href="#">StreamCalculationCorrectionPeriod(41247)</a> is specified.

---

Used in groups: [StreamGrp](#)

#### **170.2.5006 StreamCalculationPeriodDatesXID**

Identifier of this calculation period for cross referencing elsewhere in the message.

Type: [XID](#)

Used in components: [StreamCalculationPeriodDates](#)

#### **170.2.5007 StreamCalculationPeriodDatesXIDRef**

Cross reference to another calculation period for duplicating its properties.

Type: [XIDREF](#)

Used in components: [StreamCalculationPeriodDates](#)

#### **170.2.5008 StreamCalculationPeriodDateType**

Specifies the type of fixed calculation period date. When specified it applies not only to the current date but to all subsequent dates in the group until overridden with a new type.

Type: **int**

Allowed values in OptionExerciseDateTypeCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	Unadjusted	Unadjusted
1	Adjusted	Adjusted

---

Used in groups: **StreamCalculationPeriodDateGrp**

### **170.2.5009 StreamCalculationRollConvention**

The convention for determining the sequence of end dates. It is used in conjunction with a specified frequency. Used only to override the roll convention specified in the DateAdjustment component within the Instrument component.

Type: **String**

Allowed values in DateRollConventionCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
1	FirstDay	1st day of the month
2	SecondDay	2nd day of the month
3	ThirdDay	3rd day of the month
4	FourthDay	4th day of the month
5	FifthDay	5th day of the month
6	SixthDay	6th day of the month
7	SeventhDay	7th day of the month
8	EighthDay	8th day of the month
9	NinthDay	9th day of the month
10	TenthDay	10th day of the month
11	EleventhDay	11th day of the month
12	TwelvthDay	12th day of the month
13	ThirteenthDay	13th day of the month
14	ForteenthDay	14th day of the month
15	FifteenthDay	15th day of the month
16	SixteenthDay	16th day of the month

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
17	SeventeenthDay	17th day of the month
18	EighteenthDay	18th day of the month
19	NineteenthDay	19th day of the month
20	TwentiethDay	20th day of the month
21	TwentyFirstDay	21st day of the month
22	TwentySecondDay	22nd day of the month
23	TwentyThirdDay	23rd day of the month
24	TwentyFourthDay	24th day of the month
25	TwentyFifthDay	25th day of the month
26	TwentySixthDay	26th day of the month
27	TwentySeventhDay	27th day of the month
28	TwentyEighthDay	28th day of the month
29	TwentyNinthDay	29th day of the month
30	ThirtiethDay	30th day of the month
EOM	EOM	The end of the month. Use EOM for 31st day of the month.
FRN	FRN	The floating rate note convention or Eurodollar convention.
IMM	IMM	The International Money Market settlement date, i.e. the 3rd Wednesday of the month.
IMMCAD	IMMCAD	The last trading day/expiration day of the Canadian Derivatives Exchange.
IMMAUD	IMMAUD	The last trading day of the Sydney Futures Exchange Australian 90-day bank accepted bill futures contract.
IMMNZD	IMMNZD	The last trading day of the Sydney Futures Exchange New Zealand 90-day bank bill futures contract.
SFE	SFE	The Sydney Futures Exchange 90-day bank accepted bill futures settlement dates.
NONE	NONE	No adjustment
TBILL	TBILL	The 13-week and 26-week U.S. Treasury Bill auction dates.
MON	MON	Monday
TUE	TUE	Tuesday
WED	WED	Wednesday
THU	THU	Thursday
FRI	FRI	Friday
SAT	SAT	Saturday
SUN	SUN	Sunday

Used in components: [StreamCalculationPeriodDates](#)

### **170.2.5010 StreamCommodityAltID**

Alternate security identifier value for the commodity.

Type: [String](#)

Used in groups: [StreamCommodityAltIDGrp](#)

### **170.2.5011 StreamCommodityAltIDGrp**

StreamCommodityAltIDGrp is a subcomponent of the StreamCommodity component used to specify alternate identifiers.

<b>Name</b>	<b>Mult.</b>	<b>Type</b>	<b>Description</b>
<a href="#">NoStreamCommodityAltIDs</a>	[1..1]	NumInGroup	
<a href="#">StreamCommodityAltID</a>	[0..1]	String	Required if NoStreamCommodityAltIDs(41277) > 0.
<a href="#">StreamCommodityAltIDSource</a>	[0..1]	String	Required if NoStreamCommodityAltIDs(41277) > 0.

Used in components: [StreamCommodity](#)

### **170.2.5012 StreamCommodityAltIDSource**

Identifies the class or source of the alternate commodity security identifier.

Type: [String](#)

Used in groups: [StreamCommodityAltIDGrp](#)

### **170.2.5013 StreamCommodityBase**

Specifies the general base type of the commodity traded. Where possible, this should follow the naming convention used in the 2005 ISDA Commodity Definitions.

Type: [String](#)

Used in components: [StreamCommodity](#)

**170.2.5014 StreamCommodity**

StreamCommodity is a subcomponent of the Stream component used to identify and describe the underlying commodity.

Name	Mult.	Type	Description
StreamCommodityBase	[0..1]	String	
StreamCommodityType	[0..1]	String	
StreamCommoditySecurityID	[0..1]	String	Conditionally required when StreamCommoditySecurityIDSource(41254) is specified.
StreamCommoditySecurityIDSource	[0..1]	CodeSet	Conditionally required when StreamCommoditySecurityID(41253) is specified.
StreamCommodityAltIDGrp	[0..*]	Group	
StreamCommodityDesc	[0..1]	String	
EncodedStreamCommodityDescLen	[0..1]	Length	Must be set if EncodedCommodityDesc(41257) field is specified and must immediately precede it.
EncodedStreamCommodityDesc	[0..1]	data	Encoded (non-ASCII characters) representation of the StreamCommodityDesc(41255) field in the encoded format specified via the MessageEncoding(347) field.
StreamCommodityDeliveryPricingRegion	[0..1]	String	May be used to specify the delivery or pricing region of a non-standard commodity swap contract (e.g. when InstrAttribType(871)=38 (US standard contract indicator) and InstrAttribValue(872)=N).
StreamAssetAttributeGrp	[0..*]	Group	
StreamCommodityUnitOfMeasure	[0..1]	CodeSet	
StreamCommodityCurrency	[0..1]	Currency	
StreamCommodityExchange	[0..1]	Exchange	
StreamCommodityRateSource	[0..1]	int	
StreamCommodityRateReferencePage	[0..1]	String	
StreamCommodityRateReferencePageHeading	[0..1]	String	
StreamDataProvider	[0..1]	String	
StreamCommodityDataSourceGrp	[0..*]	Group	
StreamCommodityPricingType	[0..1]	String	

Name	Mult.	Type	Description
<a href="#">StreamCommodityNearbySettlDayPeriod</a>	[0..1]	int	Conditionally required when <a href="#">StreamCommodityNearbySettlDayUnit(41267)</a> is specified.
<a href="#">StreamCommodityNearbySettlDayUnit</a>	[0..1]	CodeSet	Conditionally required when <a href="#">StreamCommodityNearbySettlDayPeriod(41266)</a> is specified.
<a href="#">StreamCommoditySettlDateUnadjusted</a>	[0..1]	LocalMktDate	
<a href="#">StreamCommoditySettlDateBusinessDayConvention</a>	[0..1]	CodeSet	When specified, this overrides the business day convention defined in the DateAdjustment component in Instrument. The specified value would be specific to this instance of settlement dates.
<a href="#">StreamCommoditySettlBusinessCenterGrp</a>	[0..*]	Group	When specified, this overrides the business centers defined in the DateAdjustment component in Instrument. The specified values would be specific to this instance of settlement dates.
<a href="#">StreamCommoditySettlDateAdjusted</a>	[0..1]	LocalMktDate	
<a href="#">StreamCommoditySettlMonth</a>	[0..1]	int	
<a href="#">StreamCommoditySettlDateRollPeriod</a>	[0..1]	int	Conditionally required when <a href="#">StreamCommoditySettlDateRollUnit(41273)</a> is specified.
<a href="#">StreamCommoditySettlDateRollUnit</a>	[0..1]	CodeSet	Conditionally required when <a href="#">StreamCommoditySettlDateRollPeriod(41272)</a> is specified.
<a href="#">StreamCommoditySettlDayType</a>	[0..1]	CodeSet	
<a href="#">StreamCommoditySettlPeriodGrp</a>	[0..*]	Group	
<a href="#">StreamCommodityXID</a>	[0..1]	XID	
<a href="#">StreamCommodityXIDRef</a>	[0..1]	XIDREF	

Used in groups: [StreamGrp](#)

### 170.2.5015 [StreamCommodityCurrency](#)

Identifies the currency of the commodity asset. Uses ISO 4217 currency codes.

Type: [Currency](#)

Used in components: [StreamCommodity](#)



**170.2.5016 StreamCommodityDataSourceGrp**

StreamCommodityDataSourceGrp is a subcomponent of the StreamCommodity component used to specify sources of data, e.g. weather stations. The order of entry determines priority – first is the main source, second is fallback, third is second fallback.

Name	Mult.	Type	Description
NoStreamCommodityDataSources	[1..1]	NumInGroup	
StreamCommodityDataSourceID	[0..1]	String	Required if NoStreamCommodityDataSources(41280) > 0.
StreamCommodityDataSourceIDType	[0..1]	CodeSet	Required if NoStreamCommodityDataSources(41280) > 0.

Used in components: [StreamCommodity](#)

**170.2.5017 StreamCommodityDataSourceID**

Data source identifier.

Type: [String](#)

Used in groups: [StreamCommodityDataSourceGrp](#)

**170.2.5018 StreamCommodityDataSourceIDType**

Type of data source identifier.

Type: [int](#)

Allowed values in StreamCommodityDataSourceIDTypeCodeSet:

Code	Name	Description
0	City	City (4 character business center code)
1	Airport	Airport (IATA standard)
2	WeatherStation	Weather station WBAN (Weather Bureau Army Navy)
3	WeatherIndex	Weather index WMO (World Meteorological Organization)

Used in groups: [StreamCommodityDataSourceGrp](#)

### **170.2.5019 StreamCommodityDeliveryPricingRegion**

The delivery or pricing region associated with the commodity swap. See [http://www.ecfr.gov/cgi-bin/text-idx?SID=660d6a40f836aa6ddf213cba080c5b22&node=ap17.2.43\\_17.e&rgn=div9](http://www.ecfr.gov/cgi-bin/text-idx?SID=660d6a40f836aa6ddf213cba080c5b22&node=ap17.2.43_17.e&rgn=div9) for the external code list.

Type: **String**

Used in components: **StreamCommodity**

### **170.2.5020 StreamCommodityDesc**

Description of the commodity asset.

Type: **String**

Used in components: **StreamCommodity**

### **170.2.5021 StreamCommodityExchange**

Identifies the exchange where the commodity is traded.

Type: **Exchange**

Used in components: **StreamCommodity**

### **170.2.5022 StreamCommodityNearbySettlDayPeriod**

Time unit multiplier for the nearby settlement day.

Type: **int**

Used in components: **StreamCommodity**

### **170.2.5023 StreamCommodityNearbySettlDayUnit**

Time unit associated with the nearby settlement day.

Type: **String**

Allowed values in StreamCommodityNearbySettlDayUnitCodeSet:

---

Code	Name	Description
Wk	Week	Week
Mo	Month	Month

---

Used in components: [StreamCommodity](#)

#### **170.2.5024 StreamCommodityPricingType**

Specifies how the pricing or rate setting of the trade is to be determined or based upon.

See [http://www.fixtradingcommunity.org/codelists#Commodity\\_Rate\\_Pricing\\_Type](http://www.fixtradingcommunity.org/codelists#Commodity_Rate_Pricing_Type) for code list of applicable commodity pricing types.

Type: [String](#)

Used in components: [StreamCommodity](#)

#### **170.2.5025 StreamCommodityRateReferencePage**

Identifies the reference "page" from the rate source.

Type: [String](#)

Used in components: [StreamCommodity](#)

#### **170.2.5026 StreamCommodityRateReferencePageHeading**

Identifies the page heading from the rate source.

Type: [String](#)

Used in components: [StreamCommodity](#)

#### **170.2.5027 StreamCommodityRateSource**

Identifies the source of rate information used for commodities.

See [http://www.fixtradingcommunity.org/codelists#Commodity\\_Rate\\_Source](http://www.fixtradingcommunity.org/codelists#Commodity_Rate_Source) for code list of applicable sources.

Type: [int](#)

Used in components: [StreamCommodity](#)

**170.2.5028 StreamCommoditySecurityID**

Specifies the market identifier for the commodity.

Type: **String**

Used in components: **StreamCommodity**

**170.2.5029 StreamCommoditySecurityIDSource**

Identifies the class or source of the StreamCommoditySecurityIDSource(41253) value.

Type: **String**

Allowed values in SecurityIDSourceCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
1	CUSIP	CUSIP
2	SEDOL	SEDOL
3	QUIK	QUIK
4	ISINNumber	ISIN
5	RICCode	RIC
6	ISOCurrencyCode	ISO Currency Code (ISO 4217)
7	ISOCountryCode	ISO Country Code
8	ExchangeSymbol	Exchange symbol
9	ConsolidatedTapeAssociation	Consolidated Tape Association (CTA) Symbol (SIAC CTS/CQS line format)
A	BloombergSymbol	Bloomberg Symbol
B	Wertpapier	Wertpapier
C	Dutch	Dutch
D	Valoren	Valoren
E	Sicovam	Sicovam
F	Belgian	Belgian
G	Common	"Common" (Clearstream and Euroclear)
H	ClearingHouse	Clearing house / Clearing organization
I	ISDAFpMLSpecification	ISDA/FpML product specification (XML in SecurityXML(1185))
J	OptionPriceReportingAuthority	Option Price Reporting Authority
K	ISDAFpMLURL	ISDA/FpML product URL (URL in SecurityID(48))
L	LetterOfCredit	Letter of credit

---

Code	Name	Description
M	MarketplaceAssignedIdentifier	Marketplace-assigned Identifier
N	MarkitREDEntityCLIP	Markit RED entity CLIP
P	MarkitREDPairCLIP	Markit RED pair CLIP
Q	CFTCCommodityCode	CFTC commodity code
R	ISDACommodityReferencePrice	ISDA Commodity Reference Price
S	FinancialInstrumentGlobalIdentifier	Financial Instrument Global Identifier. An Object Management Group (OMG) standard. Also referred to as FIGI. Formerly known as "Bloomberg Open Symbology BBGID".
T	LegalEntityIdentifier	Legal entity identifier
U	Synthetic	Synthetic. Used to specify that the security identifier is synthetic for linking nested underliers when there is no market identifier for the collection.
V	FidessaInstrumentMnemonic	Fidessa Instrument Mnemonic (FIM)
W	IndexName	Index name. Standard name of the index or rate index, e.g. "LIBOR" or "iTraxx Australia".
X	UniformSymbol	Uniform Symbol (UMTF Symbol)
Y	DigitalTokenIdentifier	Digital Token Identifier (ISO 24165)

Used in components: [StreamCommodity](#)

#### 170.2.5030 StreamCommoditySettlBusinessCenter

The business center calendar used to adjust the commodity delivery date, e.g. "GBLO".

See <http://www.fpml.org/coding-scheme/business-center> for standard 4-character code values.

Type: [String](#)

Used in groups: [StreamCommoditySettlBusinessCenterGrp](#)

#### 170.2.5031 StreamCommoditySettlBusinessCenterGrp

StreamCommoditySettlBusinessCenterGrp is a repeating subcomponent of the StreamCommodity component used to specify the set of business centers whose calendars drive date adjustment. Used only to override the business centers defined in the DateAdjustment component in Instrument.

Name	Mult.	Type	Description
NoStreamCommoditySettlBusinessCenters	[1..1]	NumInGroup	
StreamCommoditySettlBusinessCenter	[0..1]	String	Required if NoStreamCommoditySettlBusinessCenters(41249) > 0.

Used in components: [StreamCommodity](#)

### 170.2.5032 StreamCommoditySettlCountry

Specifies the country where delivery takes place. Uses ISO 3166 2-character country code.

Type: [Country](#)

Used in groups: [StreamCommoditySettlPeriodGrp](#)

### 170.2.5033 StreamCommoditySettlDateAdjusted

The adjusted commodity delivery date.

Type: [LocalMktDate](#)

Used in components: [StreamCommodity](#)

### 170.2.5034 StreamCommoditySettlDateBusinessDayConvention

The business day convention used to adjust the commodity delivery date. Used only to override the business day convention specified in the DateAdjustment component within the Instrument component.

Type: [int](#)

Allowed values in BusinessDayConventionCodeSet:

Code	Name	Description
0	NotApplicable	Not applicable. Business day convention is not applicable.
1	None	None (current day)
2	FollowingDay	Following day. The following business day.
3	FloatingRateNote	Floating rate note. The FRN business day convention.

---

Code	Name	Description
4	ModifiedFollowingDay	Modified following day. The modified following business day.
5	PrecedingDay	Preceding day. The preceding business day.
6	ModifiedPrecedingDay	Modified preceding day. The modified preceding business day.
7	NearestDay	Nearest day. The nearest applicable business day.

---

Used in components: [StreamCommodity](#)

#### **170.2.5035 StreamCommoditySettlDateRollPeriod**

Time unit multiplier for the commodity delivery date roll.

Type: [int](#)

Used in components: [StreamCommodity](#)

#### **170.2.5036 StreamCommoditySettlDateRollUnit**

Time unit associated with the commodity delivery date roll.

Type: [String](#)

Allowed values in StreamCommoditySettlDateRollUnitCodeSet:

---

Code	Name	Description
D	Day	Day

---

Used in components: [StreamCommodity](#)

#### **170.2.5037 StreamCommoditySettlDateUnadjusted**

The unadjusted commodity delivery date.

Type: [LocalMktDate](#)

Used in components: [StreamCommodity](#)

**170.2.5038 StreamCommoditySettlDay**

Specifies the day or group of days for delivery.

Type: [int](#)

Allowed values in DeliveryScheduleSettlDayCodeSet:

---

Code	Name	Description
1	Monday	Monday
2	Tuesday	Tuesday
3	Wednesday	Wednesday
4	Thursday	Thursday
5	Friday	Friday
6	Saturday	Saturday
7	Sunday	Sunday
8	AllWeekdays	All weekdays
9	AllDays	All days
10	AllWeekends	All weekends

---

Used in groups: [StreamCommoditySettlDayGrp](#)

**170.2.5039 StreamCommoditySettlDayGrp**

The StreamCommoditySettlDayGrp is a repeating subcomponent of the StreamCommoditySettlPeriodGrp component used to define the settlement days associated with the commodity contract.

---

Name	Mult.	Type	Description
<a href="#">NoStreamCommoditySettlDays</a>	[1..1]	NumInGroup	
<a href="#">StreamCommoditySettlDay</a>	[0..1]	CodeSet	Required if NoStreamCommoditySettlDays(41283) > 0.
<a href="#">StreamCommoditySettlTotalHours</a>	[0..1]	int	
<a href="#">StreamCommoditySettlTimeGrp</a>	[0..*]	Group	

---

Used in groups: [StreamCommoditySettlPeriodGrp](#)



**170.2.5040 StreamCommoditySettlDayType**

Specifies the commodity delivery roll day type.

Type: **int**

Allowed values in ComplexEventDateOffsetDayTypeCodeSet:

---

Code	Name	Description
0	Business	Business
1	Calendar	Calendar
2	CommodityBusiness	Commodity business
3	CurrencyBusiness	Currency business
4	ExchangeBusiness	Exchange business
5	ScheduledTradingDay	Scheduled trading day

---

Used in components: **StreamCommodity**

**170.2.5041 StreamCommoditySettlEnd**

The end time for commodities settlement where delivery occurs over time. The time format is specified by the settlement time type.

Type: **String**

Used in groups: **StreamCommoditySettlTimeGrp**

**170.2.5042 StreamCommoditySettlFlowType**

Specifies the commodity delivery flow type.

Type: **int**

Allowed values in DeliveryScheduleSettlFlowTypeCodeSet:

---

Code	Name	Description
0	AllTimes	All times
1	OnPeak	On peak
2	OffPeak	Off peak

---

---

Code	Name	Description
3	Base	Base
4	BlockHours	Block hours
5	Other	Other

---

Used in groups: [StreamCommoditySettlPeriodGrp](#)

### 170.2.5043 StreamCommoditySettlHolidaysProcessingInstruction

Indicates whether holidays are included in the settlement periods. Required for electricity contracts.

Type: [int](#)

Allowed values in DeliveryScheduleSettlHolidaysProcessingInstructionCodeSet:

---

Code	Name	Description
0	DoNotIncludeHolidays	Do not include holidays
1	IncludeHolidays	Include holidays

---

Used in groups: [StreamCommoditySettlPeriodGrp](#)

### 170.2.5044 StreamCommoditySettlMonth

Specifies a fixed single month for commodity delivery.

Type: [int](#)

Used in components: [StreamCommodity](#)

### 170.2.5045 StreamCommoditySettlPeriodFrequencyPeriod

Time unit multiplier for the settlement period frequency.

Type: [int](#)

Used in groups: [StreamCommoditySettlPeriodGrp](#)

**170.2.5046 StreamCommoditySettlPeriodFrequencyUnit**

Time unit associated with the settlement period frequency.

Type: **String**

Allowed values in ProtectionTermEventUnitCodeSet:

Code	Name	Description
D	Day	Day
Wk	Week	Week
Mo	Month	Month
Yr	Year	Year

Used in groups: **StreamCommoditySettlPeriodGrp**

**170.2.5047 StreamCommoditySettlPeriodGrp**

The StreamCommoditySettlPeriodGrp is a repeating subcomponent of the StreamCommodity component used to define the settlement period details associated with the commodity contract.

Name	Mult.	Type	Description
NoStreamCommoditySettlPeriods	[1..1]	NumInGroup	
StreamCommoditySettlCountry	[0..1]	Country	Required if NoStreamCommoditySettlPeriods(41289) > 0.
StreamCommoditySettlTimeZone	[0..1]	String	
StreamCommoditySettlFlowType	[0..1]	CodeSet	
StreamCommoditySettlPeriodNotional	[0..1]	Qty	
StreamCommoditySettlPeriodNotionalUnitOfMeasure	[0..1]	CodeSet	
StreamCommoditySettlPeriodFrequencyPeriod	[0..1]	int	Conditionally required when StreamCommoditySettlFrequencyUnit(41296) is specified.
StreamCommoditySettlPeriodFrequencyUnit	[0..1]	CodeSet	Conditionally required when StreamCommoditySettlFrequencyPeriod(41295) is specified.
StreamCommoditySettlPeriodPrice	[0..1]	Price	

Name	Mult.	Type	Description
StreamCommoditySettlPeriodPriceUnitOfMeasure	[0..1]	CodeSet	
StreamCommoditySettlPeriodPriceCurrency	[0..1]	Currency	
StreamCommoditySettlHolidaysProcessingInstruction	[0..1]	CodeSet	
StreamCommoditySettlDayGrp	[0..*]	Group	
StreamCommoditySettlPeriodXID	[0..1]	XID	
StreamCommoditySettlPeriodXIDRef	[0..1]	XIDREF	

Used in components: [StreamCommodity](#)

#### 170.2.5048 StreamCommoditySettlPeriodNotional

Specifies the delivery quantity associated with this settlement period.

Type: [Qty](#)

Used in groups: [StreamCommoditySettlPeriodGrp](#)

#### 170.2.5049 StreamCommoditySettlPeriodNotionalUnitOfMeasure

Specifies the unit of measure (UOM) of the delivery quantity associated with this settlement period.

Type: [String](#)

Allowed values in UnitOfMeasureCodeSet:

Code	Name	Description
Alw	Allowances	Allowances
Bcf	BillionCubicFeet	Billion cubic feet
Bbl	Barrels	Barrels. Equal to 42 US gallons
CBM	CubicMeters	Cubic Meters
BDFT	BoardFeet	Board feet. Equal to 144 cubic inches
GJ	Gigajoules	gigajoules
Bu	Bushels	Bushels

<b>Code</b>	<b>Name</b>	<b>Description</b>
kHR	HeatRate	Heat rate. The number of BTUs required to produce one kilowatt hour of electricity, typically 3,412.14 BTUs per 1 kWh.
Ccy	Currency	Amount of currency
kWh	KilowattHours	Kilowatt hours
CDD	CoolingDegreeDay	Cooling degree day
MHR	MegaHeatRate	Mega heat rate. The number of million BTUs required to produce one megawatt hour of electricity, typically 3.41214 million BTUs per 1 MWh.
CER	CertifiedEmissionsReduction	Certified emissions reduction
MMBtu	OneMillionBTU	One Million BTU
CPD	CriticalPrecipDay	Critical precipitation day
MWh	MegawattHours	Megawatt hours
CRT	ClimateReserveTonnes	Climate reserve tonnes
thm	Therms	therms. Equal to 100,000 BTU
cwt	Hundredweight	Hundredweight(US). Equal to 100 lbs
tnCO2	TonsOfCarbonDioxide	Tons of carbon dioxide
day	Day	Days
dt	DryMetricTons	Dry metric tons
EnvAllwnc	EnvAllwncCert	Environmental allowance certificates
EnvCrd	EnvironmentalCredit	Environmental credit
EnvOfst	EnvironmentalOffset	Environmental Offset
g	Grams	Grams
Gal	Gallons	Gallons
GT	GrossTons	Gross tons. Also known as long tons or imperial tons, equal to 2240 lbs
HDD	HeatingDegreeDay	Heating degree day
IPNT	IndexPoint	Index point
kg	Kilograms	Kilograms
kL	Kiloliters	kiloliters
kW-a	KilowattYear	Kilowatt year (electrical capacity)
kW-d	KilowattDay	Kilowatt day (electrical capacity)
kW-h	KilowattHour	Kilowatt hour (electrical capacity)
kW-M	KilowattMonth	Kilowatt month (electrical capacity)
kW-min	KilowattMinute	Kilowatt-Minute (electrical capacity)
L	Liters	liters

<b>Code</b>	<b>Name</b>	<b>Description</b>
lbs	Pounds	pounds
MW-a	MegawattYear	Megawatt year (electrical capacity)
MW-d	MegawattDay	Megawatt day (electrical capacity)
MW-h	MegawattHour	Megawatt hour (electrical capacity)
MW-M	MegawattMonth	Megawatt month (electrical capacity)
MW-min	MegawattMinute	Megawatt minute (electrical capacity)
oz_tr	TroyOunces	Troy ounces
PRINC	PrincipalWithRelationToDebtInstrument	Principal with relation to debt instrument
t	MetricTons	Metric tons. Also known as Tonnes, equal to 1000 kg
tn	Tons	Tons (US). Equal to 2000 lbs
a	Are	Are
ac	Acre	Acre
cL	Centiliter	Centiliter
cM	Centimeter	Centimeter
DGE	DieselGallonEquivalent	Diesel gallon equivalent
ft	Foot	Foot
Gal_gb	GBGallon	GB Gallon
GGE	GasolineGallonEquivalent	Gasonline gallon equivalent
ha	Hectare	Hectare
in	Inch	Inch
kM	Kilometer	Kilometer
M	Meter	Meter
mi	Mile	Mile
mL	Milliliter	Milliliter
mM	Millimeter	Millimeter
oz	USOunce	US ounce
pc	Piece	Piece
pt	USPint	US Pint
pt_gb	GBPint	GB pint
qt	USQuart	US Quart
qt_gb	GBQuart	GB Quart
SqcM	SquareCentimeter	Square centimeter
Sqft	SquareFoot	Square foot

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
Sqin	SquareInch	Square inch
SqkM	SquareKilometer	Square kilometer
SqM	SquareMeter	Square meter
Sqmi	SquareMile	Square mile
SqmM	SquareMillimeter	Square millimeter
Sqyd	SquareYard	Square yard
yd	Yard	Yard
MMbbl	MillionBarrels	Million Barrels
USD	USDollars	US Dollars

---

Used in groups: [StreamCommoditySettlPeriodGrp](#)

#### **170.2.5050 StreamCommoditySettlPeriodPrice**

The settlement period price.

Type: [Price](#)

Used in groups: [StreamCommoditySettlPeriodGrp](#)

#### **170.2.5051 StreamCommoditySettlPeriodPriceCurrency**

The currency of the settlement period price. Uses ISO 4217 currency codes.

Type: [Currency](#)

Used in groups: [StreamCommoditySettlPeriodGrp](#)

#### **170.2.5052 StreamCommoditySettlPeriodPriceUnitOfMeasure**

Specifies the settlement period price unit of measure (UOM).

Type: [String](#)

Allowed values in UnitOfMeasureCodeSet:

<b>Code</b>	<b>Name</b>	<b>Description</b>
Alw	Allowances	Allowances
Bcf	BillionCubicFeet	Billion cubic feet
Bbl	Barrels	Barrels. Equal to 42 US gallons
CBM	CubicMeters	Cubic Meters
BDFT	BoardFeet	Board feet. Equal to 144 cubic inches
GJ	Gigajoules	gigajoules
Bu	Bushels	Bushels
kHR	HeatRate	Heat rate. The number of BTUs required to produce one kilowatt hour of electricity, typically 3,412.14 BTUs per 1 kWh.
Ccy	Currency	Amount of currency
kWh	KilowattHours	Kilowatt hours
CDD	CoolingDegreeDay	Cooling degree day
MHR	MegaHeatRate	Mega heat rate. The number of million BTUs required to produce one megawatt hour of electricity, typically 3.41214 million BTUs per 1 MWh.
CER	CertifiedEmissionsReduction	Certified emissions reduction
MMBtu	OneMillionBTU	One Million BTU
CPD	CriticalPrecipDay	Critical precipitation day
MWh	MegawattHours	Megawatt hours
CRT	ClimateReserveTonnes	Climate reserve tonnes
thm	Therms	therms. Equal to 100,000 BTU
cwt	Hundredweight	Hundredweight(US). Equal to 100 lbs
tnCO2	TonsOfCarbonDioxide	Tons of carbon dioxide
day	Day	Days
dt	DryMetricTons	Dry metric tons
EnvAllwnc	EnvAllwncCert	Environmental allowance certificates
EnvCrd	EnvironmentalCredit	Environmental credit
EnvOfst	EnvironmentalOffset	Environmental Offset
g	Grams	Grams
Gal	Gallons	Gallons
GT	GrossTons	Gross tons. Also known as long tons or imperial tons, equal to 2240 lbs
HDD	HeatingDegreeDay	Heating degree day
IPNT	IndexPoint	Index point
kg	Kilograms	Kilograms



<b>Code</b>	<b>Name</b>	<b>Description</b>
kL	Kiloliters	kiloliters
kW-a	KilowattYear	Kilowatt year (electrical capacity)
kW-d	KilowattDay	Kilowatt day (electrical capacity)
kW-h	KilowattHour	Kilowatt hour (electrical capacity)
kW-M	KilowattMonth	Kilowatt month (electrical capacity)
kW-min	KilowattMinute	Kilowatt-Minute (electrical capacity)
L	Liters	liters
lbs	Pounds	pounds
MW-a	MegawattYear	Megawatt year (electrical capacity)
MW-d	MegawattDay	Megawatt day (electrical capacity)
MW-h	MegawattHour	Megawatt hour (electrical capacity)
MW-M	MegawattMonth	Megawatt month (electrical capacity)
MW-min	MegawattMinute	Megawatt minute (electrical capacity)
oz_tr	TroyOunces	Troy ounces
PRINC	PrincipalWithRelationToDebtInstrument	Principal with relation to debt instrument
t	MetricTons	Metric tons. Also known as Tonnes, equal to 1000 kg
tn	Tons	Tons (US). Equal to 2000 lbs
a	Are	Are
ac	Acre	Acre
cL	Centiliter	Centiliter
cM	Centimeter	Centimeter
DGE	DieselGallonEquivalent	Diesel gallon equivalent
ft	Foot	Foot
Gal_gb	GBGallon	GB Gallon
GGE	GasolineGallonEquivalent	Gasonline gallon equivalent
ha	Hectare	Hectare
in	Inch	Inch
kM	Kilometer	Kilometer
M	Meter	Meter
mi	Mile	Mile
mL	Milliliter	Milliliter
mM	Millimeter	Millimeter
oz	USOunce	US ounce

<b>Code</b>	<b>Name</b>	<b>Description</b>
pc	Piece	Piece
pt	USPint	US Pint
pt_gb	GBPint	GB pint
qt	USQuart	US Quart
qt_gb	GBQuart	GB Quart
SqcM	SquareCentimeter	Square centimeter
Sqft	SquareFoot	Square foot
Sqin	SquareInch	Square inch
SqkM	SquareKilometer	Square kilometer
SqM	SquareMeter	Square meter
Sqmi	SquareMile	Square mile
SqmM	SquareMillimeter	Square millimeter
Sqyd	SquareYard	Square yard
yd	Yard	Yard
MMbbl	MillionBarrels	Million Barrels
USD	USDollars	US Dollars

---

Used in groups: [StreamCommoditySettlPeriodGrp](#)

#### **170.2.5053 StreamCommoditySettlPeriodXID**

Identifier of this settlement period for cross referencing elsewhere in the message.

Type: [XID](#)

Used in groups: [StreamCommoditySettlPeriodGrp](#)

#### **170.2.5054 StreamCommoditySettlPeriodXIDRef**

Cross reference to another settlement period for duplicating its properties.

Type: [XIDREF](#)

Used in groups: [StreamCommoditySettlPeriodGrp](#)

**170.2.5055 StreamCommoditySettlStart**

The start time for commodities settlement where delivery occurs over time. The time format is specified by the settlement time type.

Type: **String**

Used in groups: **StreamCommoditySettlTimeGrp**

**170.2.5056 StreamCommoditySettlTimeGrp**

The StreamCommoditySettlTimeGrp is a repeating subcomponent of the StreamCommoditySettlDayGrp component used to define the settlement time periods associated with the commodity contract.

Name	Mult.	Type	Description
NoStreamCommoditySettlTimes	[1..1]	NumInGroup	
StreamCommoditySettlStart	[0..1]	String	Required if NoStreamCommoditySettlTimes(41286) > 0.
StreamCommoditySettlEnd	[0..1]	String	Required if NoStreamCommoditySettlTimes(41286) > 0.
StreamCommoditySettlTimeType	[0..1]	CodeSet	May be defaulted to market convention or bilaterally agreed if not specified.

Used in groups: **StreamCommoditySettlDayGrp**

**170.2.5057 StreamCommoditySettlTimeType**

Specifies the format of the commodities settlement start and end times.

Type: **int**

Allowed values in DeliveryScheduleSettlTimeTypeCodeSet:

Code	Name	Description
0	Hour	Hour of the day. Applicable for electricity contracts. Time value is expressed as an integer hour of the day (1-24). The delivery start/end hour is specified as the end of the included hour. For example, a start hour of "4" begins at 3 a.m.; an end hour of "20" ends at 8 p.m.; a start hour of "1" and end hour of "24" indicates midnight to midnight delivery.

Code	Name	Description
1	Timestamp	HH:MM time format. Applicable for gas contracts. Time value is expressed using a 24-hour time format. For example, a time value of "13:30" is 1:30 p.m.

Used in groups: [StreamCommoditySettlTimeGrp](#)

#### **170.2.5058 StreamCommoditySettlTimeZone**

Commodity delivery timezone specified as "prevailing" rather than "standard" or "daylight".

See [http://www.fixtradingcommunity.org/codelists#Prevailing\\_Timezones](http://www.fixtradingcommunity.org/codelists#Prevailing_Timezones) for code list of applicable prevailing timezones.

Type: [String](#)

Used in groups: [StreamCommoditySettlPeriodGrp](#)

#### **170.2.5059 StreamCommoditySettlTotalHours**

Sum of the hours specified in [StreamCommoditySettlTimeGrp](#).

Type: [int](#)

Used in groups: [StreamCommoditySettlDayGrp](#)

#### **170.2.5060 StreamCommodityType**

Specifies the type of commodity product.

For coal see <http://www.fpml.org/coding-scheme/commodity-coal-product-type> for values.

For metals see <http://www.fpml.org/coding-scheme/commodity-metal-product-type> for values.

For bullion see [http://www.fixtradingcommunity.org/codelists#Bullion\\_Types](http://www.fixtradingcommunity.org/codelists#Bullion_Types) for the external code list of bullion types.

Type: [String](#)

Used in components: [StreamCommodity](#)

**170.2.5061 StreamCommodityUnitOfMeasure**

The unit of measure (UOM) of the commodity asset.

Type: **String**

Allowed values in UnitOfMeasureCodeSet:

Code	Name	Description
Alw	Allowances	Allowances
Bcf	BillionCubicFeet	Billion cubic feet
Bbl	Barrels	Barrels. Equal to 42 US gallons
CBM	CubicMeters	Cubic Meters
BDFT	BoardFeet	Board feet. Equal to 144 cubic inches
GJ	Gigajoules	gigajoules
Bu	Bushels	Bushels
kHR	HeatRate	Heat rate. The number of BTUs required to produce one kilowatt hour of electricity, typically 3,412.14 BTUs per 1 kWh.
Ccy	Currency	Amount of currency
kWh	KilowattHours	Kilowatt hours
CDD	CoolingDegreeDay	Cooling degree day
MHR	MegaHeatRate	Mega heat rate. The number of million BTUs required to produce one megawatt hour of electricity, typically 3.41214 million BTUs per 1 MWh.
CER	CertifiedEmissionsReduction	Certified emissions reduction
MMBtu	OneMillionBTU	One Million BTU
CPD	CriticalPrecipDay	Critical precipitation day
MWh	MegawattHours	Megawatt hours
CRT	ClimateReserveTonnes	Climate reserve tonnes
thm	Therms	therms. Equal to 100,000 BTU
cwt	Hundredweight	Hundredweight(US). Equal to 100 lbs
tnCO2	TonsOfCarbonDioxide	Tons of carbon dioxide
day	Day	Days
dt	DryMetricTons	Dry metric tons
EnvAllwnc	EnvAllwncCert	Environmental allowance certificates
EnvCrd	EnvironmentalCredit	Environmental credit
EnvOfst	EnvironmentalOffset	Environmental Offset
g	Grams	Grams

<b>Code</b>	<b>Name</b>	<b>Description</b>
Gal	Gallons	Gallons
GT	GrossTons	Gross tons. Also known as long tons or imperial tons, equal to 2240 lbs
HDD	HeatingDegreeDay	Heating degree day
IPNT	IndexPoint	Index point
kg	Kilograms	Kilograms
kL	Kiloliters	kiloliters
kW-a	KilowattYear	Kilowatt year (electrical capacity)
kW-d	KilowattDay	Kilowatt day (electrical capacity)
kW-h	KilowattHour	Kilowatt hour (electrical capacity)
kW-M	KilowattMonth	Kilowatt month (electrical capacity)
kW-min	KilowattMinute	Kilowatt-Minute (electrical capacity)
L	Liters	liters
lbs	Pounds	pounds
MW-a	MegawattYear	Megawatt year (electrical capacity)
MW-d	MegawattDay	Megawatt day (electrical capacity)
MW-h	MegawattHour	Megawatt hour (electrical capacity)
MW-M	MegawattMonth	Megawatt month (electrical capacity)
MW-min	MegawattMinute	Megawatt minute (electrical capacity)
oz_tr	TroyOunces	Troy ounces
PRINC	PrincipalWithRelationToDebtInstrument	Principal with relation to debt instrument
t	MetricTons	Metric tons. Also known as Tonnes, equal to 1000 kg
tn	Tons	Tons (US). Equal to 2000 lbs
a	Are	Are
ac	Acre	Acre
cL	Centiliter	Centiliter
cM	Centimeter	Centimeter
DGE	DieselGallonEquivalent	Diesel gallon equivalent
ft	Foot	Foot
Gal_gb	GBGallon	GB Gallon
GGE	GasolineGallonEquivalent	Gasonline gallon equivalent
ha	Hectare	Hectare
in	Inch	Inch
kM	Kilometer	Kilometer

Code	Name	Description
M	Meter	Meter
mi	Mile	Mile
mL	Milliliter	Milliliter
mM	Millimeter	Millimeter
oz	USOunce	US ounce
pc	Piece	Piece
pt	USPint	US Pint
pt_gb	GBPint	GB pint
qt	USQuart	US Quart
qt_gb	GBQuart	GB Quart
SqcM	SquareCentimeter	Square centimeter
Sqft	SquareFoot	Square foot
Sqin	SquareInch	Square inch
SqkM	SquareKilometer	Square kilometer
SqM	SquareMeter	Square meter
Sqmi	SquareMile	Square mile
SqmM	SquareMillimeter	Square millimeter
Sqyd	SquareYard	Square yard
yd	Yard	Yard
MMbbl	MillionBarrels	Million Barrels
USD	USDollars	US Dollars

---

Used in components: [StreamCommodity](#)

#### **170.2.5062 StreamCommodityXID**

Identifier of this stream commodity for cross referencing elsewhere in the message.

Type: [XID](#)

Used in components: [StreamCommodity](#)

#### **170.2.5063 StreamCommodityXIDRef**

Reference to a stream commodity elsewhere in the message.

Type: **XIDREF**

Used in components: **StreamCommodity**

#### **170.2.5064 StreamCurrency**

Specifies the currency the StreamNotional(40054) is denominated in. Uses ISO 4217 currency codes.

Type: **Currency**

Used in groups: **StreamGrp**

#### **170.2.5065 StreamDataProvider**

Specifies the commodity data or information provider.

See <http://www.fpml.org/coding-scheme/commodity-information-provider> for values.

Type: **String**

Used in components: **StreamCommodity**

#### **170.2.5066 StreamDesc**

A short descriptive name given to the payment stream. Eg. CDS, Fixed, Float, Float2, GBP. The description has no intrinsic meaning but should be arbitrarily chosen by the remitter as reference.

Type: **String**

Used in groups: **StreamGrp**

#### **170.2.5067 StreamEffectiveDateAdjusted**

The adjusted effective date.

Type: **LocalMktDate**

Used in components: **StreamEffectiveDate**



**170.2.5068 StreamEffectiveDateBusinessCenter**

The business center calendar used to adjust the instrument's stream's effective, or relative effective, date, e.g. "GBLO".

See <http://www.fpml.org/coding-scheme/business-center> for standard 4-character code values.

Type: **String**

Used in groups: **StreamEffectiveDateBusinessCenterGrp**

**170.2.5069 StreamEffectiveDateBusinessCenterGrp**

StreamEffectiveDateBusinessCenterGrp is a repeating subcomponent of the StreamEffectiveDate component used to specify the set of business centers whose calendars drive date adjustment. Used only to override the business centers defined in the DateAdjustment component in Instrument.

Name	Mult.	Type	Description
NoStreamEffectiveDateBusinessCenters	[1..1]	NumInGroup	
StreamEffectiveDateBusinessCenter	[0..1]	String	Required if NoStreamEffectiveDateBusinessCenters(40960) > 0.

Used in components: **StreamEffectiveDate**

**170.2.5070 StreamEffectiveDateBusinessDayConvention**

The business day convention used to adjust the instrument's stream's effective, or relative effective, date. Used only to override the business day convention specified in the DateAdjustment component within the Instrument component.

Type: **int**

Allowed values in BusinessDayConventionCodeSet:

Code	Name	Description
0	NotApplicable	Not applicable. Business day convention is not applicable.
1	None	None (current day)
2	FollowingDay	Following day. The following business day.

Code	Name	Description
3	FloatingRateNote	Floating rate note. The FRN business day convention.
4	ModifiedFollowingDay	Modified following day. The modified following business day.
5	PrecedingDay	Preceding day. The preceding business day.
6	ModifiedPrecedingDay	Modified preceding day. The modified preceding business day.
7	NearestDay	Nearest day. The nearest applicable business day.

Used in components: [StreamEffectiveDate](#)

### 170.2.5071 StreamEffectiveDate

StreamEffectiveDate is a subcomponent of the StreamGrp component used to specify the effective date of the stream.

Name	Mult.	Type	Description
<a href="#">StreamEffectiveDateUnadjusted</a>	[0..1]	LocalMktDate	
<a href="#">StreamEffectiveDateBusinessDayConvention</a>	[0..1]	CodeSet	When specified, this overrides the business day convention defined in the DateAdjustment component in Instrument. The specified value would be specific to this instance of the effective date of the stream.
<a href="#">StreamEffectiveDateBusinessCenterGrp</a>	[0..*]	Group	When specified, this overrides the business centers defined in the DateAdjustment component in Instrument. The specified values would be specific to this instance of the effective date of the stream.
<a href="#">StreamEffectiveDateRelativeTo</a>	[0..1]	int	
<a href="#">StreamEffectiveDateOffsetPeriod</a>	[0..1]	int	Conditionally required when StreamEffectiveDateOffsetUnit(40912) is specified.
<a href="#">StreamEffectiveDateOffsetUnit</a>	[0..1]	CodeSet	Conditionally required when StreamEffectiveDateOffsetPeriod(40911) is specified.
<a href="#">StreamEffectiveDateOffsetDayType</a>	[0..1]	CodeSet	
<a href="#">StreamEffectiveDateAdjusted</a>	[0..1]	LocalMktDate	

Used in groups: [StreamGrp](#)

**170.2.5072 StreamEffectiveDateOffsetDayType**

Specifies the day type of the relative effective date offset.

Type: **int**

Allowed values in PaymentStreamPaymentDateOffsetDayTypeCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	Business	Business
1	Calendar	Calendar
2	CommodityBusiness	Commodity business
3	CurrencyBusiness	Currency business
4	ExchangeBusiness	Exchange business
5	ScheduledTradingDay	Scheduled trading day

---

Used in components: **StreamEffectiveDate**

**170.2.5073 StreamEffectiveDateOffsetPeriod**

Time unit multiplier for the relative effective date offset.

Type: **int**

Used in components: **StreamEffectiveDate**

**170.2.5074 StreamEffectiveDateOffsetUnit**

Time unit associated with the relative effective date offset.

Type: **String**

Allowed values in PaymentStreamPaymentDateOffsetUnitCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
D	Day	Day
Wk	Week	Week
Mo	Month	Month
Yr	Year	Year

---

Used in components: **StreamEffectiveDate**

#### **170.2.5075 StreamEffectiveDateRelativeTo**

Specifies the anchor date when the effective date is relative to an anchor date.

See [http://www.fixtradingcommunity.org/codelists#Relative\\_To\\_Date](http://www.fixtradingcommunity.org/codelists#Relative_To_Date) for values.

Type: **int**

Used in components: **StreamEffectiveDate**

#### **170.2.5076 StreamEffectiveDateUnadjusted**

The unadjusted effective date.

Type: **LocalMktDate**

Used in components: **StreamEffectiveDate**

#### **170.2.5077 StreamFirstCompoundingPeriodEndDateUnadjusted**

The unadjusted end date of the initial compounding period.

Type: **LocalMktDate**

Used in components: **StreamCalculationPeriodDates**

#### **170.2.5078 StreamFirstPeriodStartDateAdjusted**

The adjusted first calculation period start date, if it is before the effective date.

Type: **LocalMktDate**

Used in components: **StreamCalculationPeriodDates**

#### **170.2.5079 StreamFirstPeriodStartDateBusinessCenter**

The business center calendar used to adjust the instrument's stream's first calculation period start date, e.g. "GBLO".

See <http://www.fpml.org/coding-scheme/business-center> for standard 4-character code values.

Type: **String**

Used in groups: **StreamFirstPeriodStartDateBusinessCenterGrp**

**170.2.5080 StreamFirstPeriodStartDateBusinessCenterGrp**

StreamFirstPeriodStartDateBusinessCenterGrp is a repeating subcomponent within the StreamCalculationPeriodDates component. It is used to specify the set of business centers whose calendars drive the date adjustment. Used only to override the business centers defined in the DateAdjustment component in Instrument.

Name	Mult.	Type	Description
NoStreamFirstPeriodStartDateBusinessCenters	[1..1]	NumInGroup	
StreamFirstPeriodStartDateBusinessCenter	[0..1]	String	Required if NoStreamFirstPeriodStartDateBusinessCenters(40959) > 0.

Used in components: [StreamCalculationPeriodDates](#)

**170.2.5081 StreamFirstPeriodStartDateBusinessDayConvention**

The business day convention used to adjust the instrument's stream's first calculation period start date. Used only to override the business day convention specified in the DateAdjustment component within the Instrument component.

Type: [int](#)

Allowed values in BusinessDayConventionCodeSet:

Code	Name	Description
0	NotApplicable	Not applicable. Business day convention is not applicable.
1	None	None (current day)
2	FollowingDay	Following day. The following business day.
3	FloatingRateNote	Floating rate note. The FRN business day convention.
4	ModifiedFollowingDay	Modified following day. The modified following business day.
5	PrecedingDay	Preceding day. The preceding business day.
6	ModifiedPrecedingDay	Modified preceding day. The modified preceding business day.
7	NearestDay	Nearest day. The nearest applicable business day.

Used in components: [StreamCalculationPeriodDates](#)

**170.2.5082 StreamFirstPeriodStartDateUnadjusted**

The unadjusted first calculation period start date if before the effective date.

Type: [LocalMktDate](#)

Used in components: [StreamCalculationPeriodDates](#)

**170.2.5083 StreamFirstRegularPeriodStartDateUnadjusted**

The unadjusted first start date of the regular calculation period, if there is an initial stub period.

Type: [LocalMktDate](#)

Used in components: [StreamCalculationPeriodDates](#)

**170.2.5084 StreamGrp**

The StreamGrp is a repeating subcomponent of the Instrument component used to detail the swap streams associated with the instrument.

Name	Mult.	Type	Description
<a href="#">NoStreams</a>	[1..1]	NumInGroup	
<a href="#">StreamType</a>	[0..1]	CodeSet	Required if NoStreams(40049) > 0.
<a href="#">StreamXID</a>	[0..1]	XID	
<a href="#">StreamDesc</a>	[0..1]	String	
<a href="#">StreamVersion</a>	[0..1]	String	
<a href="#">StreamVersionEffectiveDate</a>	[0..1]	LocalMktDate	
<a href="#">StreamPaySide</a>	[0..1]	CodeSet	
<a href="#">StreamReceiveSide</a>	[0..1]	CodeSet	
<a href="#">StreamNotionalXIDRef</a>	[0..1]	XIDREF	
<a href="#">StreamNotional</a>	[0..1]	Amt	
<a href="#">StreamCurrency</a>	[0..1]	Currency	
<a href="#">StreamNotionalDeterminationMethod</a>	[0..1]	String	
<a href="#">StreamNotionalAdjustments</a>	[0..1]	CodeSet	
<a href="#">StreamNotionalFrequencyPeriod</a>	[0..1]	int	Conditionally required when StreamNotionalFrequencyUnit(41307) is specified.
<a href="#">StreamNotionalFrequencyUnit</a>	[0..1]	CodeSet	Conditionally required when StreamNotionalFrequencyPeriod(41306) is specified.

Name	Mult.	Type	Description
StreamNotionalCommodityFrequency	[0..1]	CodeSet	
StreamNotionalUnitOfMeasure	[0..1]	CodeSet	
StreamTotalNotional	[0..1]	Qty	
StreamTotalNotionalUnitOfMeasure	[0..1]	CodeSet	
StreamCommodity	[0..1]	Component	
StreamEffectiveDate	[0..1]	Component	
StreamTerminationDate	[0..1]	Component	
StreamCalculationPeriodDates	[0..1]	Component	
PaymentStream	[0..1]	Component	
PaymentScheduleGrp	[0..*]	Group	
PaymentStubGrp	[0..*]	Group	
DeliveryStream	[0..1]	Component	
DeliveryScheduleGrp	[0..*]	Group	
StreamText	[0..1]	String	
EncodedStreamTextLen	[0..1]	Length	Must be set if EncodedStreamText(40983) field is specified and must immediately precede it.
EncodedStreamText	[0..1]	data	Encoded (non-ASCII characters) representation of the StreamText(40056) field in the encoded format specified via the MessageEncoding(347) field.

Used in components: [Instrument](#)

### 170.2.5085 StreamLastRegularPeriodEndDateUnadjusted

The unadjusted last regular period end date if there is a final stub period.

Type: [LocalMktDate](#)

Used in components: [StreamCalculationPeriodDates](#)

### 170.2.5086 StreamNotional

Notional, or initial notional value for the payment stream. Use the PaymentScheduleGrp component to specify the rate steps.

Type: [Amt](#)

Used in groups: [StreamGrp](#)

**170.2.5087 StreamNotionalAdjustments**

For equity swaps this specifies the conditions that govern the adjustment to the number of units of the swap.

Type: **int**

Allowed values in StreamNotionalAdjustmentsCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	Execution	Execution. The adjustments to the number of units are governed by an execution clause.
1	PortfolioRebalancing	Portfolio rebalancing. The adjustments to the number of units are governed by a portfolio rebalancing clause.
2	Standard	Standard. The adjustments to the number of units are not governed by any specific clause.

---

Used in groups: **StreamGrp**

**170.2.5088 StreamNotionalCommodityFrequency**

The commodity's notional or quantity delivery frequency.

Type: **int**

Allowed values in StreamNotionalCommodityFrequencyCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	Term	Term
1	PerBusinessDay	Per business day
2	PerCalculationPeriod	Per calculation period
3	PerSettlPeriod	Per settlement period
4	PerCalendarDay	Per calendar day
5	PerHour	Per hour
6	PerMonth	Per month

---

Used in groups: **StreamGrp**



**170.2.5089 StreamNotionalDeterminationMethod**

Specifies the method for determining the floating notional value for equity swaps.

See <http://www.fpml.org/coding-scheme/determination-method> for values.

Type: **String**

Used in groups: **StreamGrp**

**170.2.5090 StreamNotionalFrequencyPeriod**

Time unit multiplier for the swap stream's notional frequency.

Type: **int**

Used in groups: **StreamGrp**

**170.2.5091 StreamNotionalFrequencyUnit**

Time unit associated with the swap stream's notional frequency.

Type: **String**

Allowed values in TimeUnitCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
H	Hour	Hour
Min	Minute	Minute
S	Second	Second
D	Day	Day
Wk	Week	Week
Mo	Month	Month
Yr	Year	Year
Q	Quarter	Quarter
EOM	EndOfMonth	End of Month. End of Month identifies a relative time unit, e.g. until the third Friday of each month.
F	Flexible	Flexible. A flexible time unit indicates that a specific time unit for the contract is currently undetermined.

---

Used in groups: **StreamGrp**

**170.2.5092 StreamNotionalUnitOfMeasure**

Specifies the delivery stream quantity unit of measure (UOM).

Type: **String**

Allowed values in UnitOfMeasureCodeSet:

<b>Code</b>	<b>Name</b>	<b>Description</b>
Alw	Allowances	Allowances
Bcf	BillionCubicFeet	Billion cubic feet
Bbl	Barrels	Barrels. Equal to 42 US gallons
CBM	CubicMeters	Cubic Meters
BDFT	BoardFeet	Board feet. Equal to 144 cubic inches
GJ	Gigajoules	gigajoules
Bu	Bushels	Bushels
kHR	HeatRate	Heat rate. The number of BTUs required to produce one kilowatt hour of electricity, typically 3,412.14 BTUs per 1 kWh.
Ccy	Currency	Amount of currency
kWh	KilowattHours	Kilowatt hours
CDD	CoolingDegreeDay	Cooling degree day
MHR	MegaHeatRate	Mega heat rate. The number of million BTUs required to produce one megawatt hour of electricity, typically 3.41214 million BTUs per 1 MWh.
CER	CertifiedEmissionsReduction	Certified emissions reduction
MMBtu	OneMillionBTU	One Million BTU
CPD	CriticalPrecipDay	Critical precipitation day
MWh	MegawattHours	Megawatt hours
CRT	ClimateReserveTonnes	Climate reserve tonnes
thm	Therms	therms. Equal to 100,000 BTU
cwt	Hundredweight	Hundredweight(US). Equal to 100 lbs
tnCO2	TonsOfCarbonDioxide	Tons of carbon dioxide
day	Day	Days
dt	DryMetricTons	Dry metric tons
EnvAllwnc	EnvAllwncCert	Environmental allowance certificates
EnvCrd	EnvironmentalCredit	Environmental credit
EnvOfst	EnvironmentalOffset	Environmental Offset
g	Grams	Grams

<b>Code</b>	<b>Name</b>	<b>Description</b>
Gal	Gallons	Gallons
GT	GrossTons	Gross tons. Also known as long tons or imperial tons, equal to 2240 lbs
HDD	HeatingDegreeDay	Heating degree day
IPNT	IndexPoint	Index point
kg	Kilograms	Kilograms
kL	Kiloliters	kiloliters
kW-a	KilowattYear	Kilowatt year (electrical capacity)
kW-d	KilowattDay	Kilowatt day (electrical capacity)
kW-h	KilowattHour	Kilowatt hour (electrical capacity)
kW-M	KilowattMonth	Kilowatt month (electrical capacity)
kW-min	KilowattMinute	Kilowatt-Minute (electrical capacity)
L	Liters	liters
lbs	Pounds	pounds
MW-a	MegawattYear	Megawatt year (electrical capacity)
MW-d	MegawattDay	Megawatt day (electrical capacity)
MW-h	MegawattHour	Megawatt hour (electrical capacity)
MW-M	MegawattMonth	Megawatt month (electrical capacity)
MW-min	MegawattMinute	Megawatt minute (electrical capacity)
oz_tr	TroyOunces	Troy ounces
PRINC	PrincipalWithRelationToDebtInstrument	Principal with relation to debt instrument
t	MetricTons	Metric tons. Also known as Tonnes, equal to 1000 kg
tn	Tons	Tons (US). Equal to 2000 lbs
a	Are	Are
ac	Acre	Acre
cL	Centiliter	Centiliter
cM	Centimeter	Centimeter
DGE	DieselGallonEquivalent	Diesel gallon equivalent
ft	Foot	Foot
Gal_gb	GBGallon	GB Gallon
GGE	GasolineGallonEquivalent	Gasonline gallon equivalent
ha	Hectare	Hectare
in	Inch	Inch
kM	Kilometer	Kilometer

<b>Code</b>	<b>Name</b>	<b>Description</b>
M	Meter	Meter
mi	Mile	Mile
mL	Milliliter	Milliliter
mM	Millimeter	Millimeter
oz	USOunce	US ounce
pc	Piece	Piece
pt	USPint	US Pint
pt_gb	GBPint	GB pint
qt	USQuart	US Quart
qt_gb	GBQuart	GB Quart
SqcM	SquareCentimeter	Square centimeter
Sqft	SquareFoot	Square foot
Sqin	SquareInch	Square inch
SqkM	SquareKilometer	Square kilometer
SqM	SquareMeter	Square meter
Sqmi	SquareMile	Square mile
SqmM	SquareMillimeter	Square millimeter
Sqyd	SquareYard	Square yard
yd	Yard	Yard
MMbbl	MillionBarrels	Million Barrels
USD	USDollars	US Dollars

---

Used in groups: [StreamGrp](#)

#### **170.2.5093 StreamNotionalXIDRef**

Cross reference to another Stream notional for duplicating its properties.

Type: [XIDREF](#)

Used in groups: [StreamGrp](#)

#### **170.2.5094 StreamPaySide**

The side of the party paying the stream.

Type: **int**

Allowed values in PaymentPaySideCodeSet:

Code	Name	Description
1	Buy	Buy
2	Sell	Sell

Used in groups: **StreamGrp**

#### **170.2.5095 StreamReceiveSide**

The side of the party receiving the stream.

Type: **int**

Allowed values in PaymentPaySideCodeSet:

Code	Name	Description
1	Buy	Buy
2	Sell	Sell

Used in groups: **StreamGrp**

#### **170.2.5096 StreamTerminationDateAdjusted**

The adjusted termination date.

Type: **LocalMktDate**

Used in components: **StreamTerminationDate**

#### **170.2.5097 StreamTerminationDateBusinessCenter**

The business center calendar used to adjust the instrument's stream's termination, or relative termination, date, e.g. "GBLO".

See <http://www.fpml.org/coding-scheme/business-center> for standard 4-character code values.

Type: **String**

Used in groups: **StreamTerminationDateBusinessCenterGrp**

**170.2.5098 StreamTerminationDateBusinessCenterGrp**

StreamTerminationDateBusinessCenterGrp is a repeating subcomponent within the StreamTerminationDate component. It is used to specify the set of business centers whose calendars drive the date adjustment. Used only to override the business centers defined in the DateAdjustment component in the Instrument component.

Name	Mult.	Type	Description
NoStreamTerminationDateBusinessCenters	[1..1]	NumInGroup	
StreamTerminationDateBusinessCenter	[0..1]	String	Required if NoStreamTerminationDateBusinessCenters(40961) > 0.

Used in components: [StreamTerminationDate](#)

**170.2.5099 StreamTerminationDateBusinessDayConvention**

The business day convention used to adjust the instrument's stream's termination, or relative termination, date. Used only to override the business day convention specified in the DateAdjustment component within the Instrument component.

Type: [int](#)

Allowed values in BusinessDayConventionCodeSet:

Code	Name	Description
0	NotApplicable	Not applicable. Business day convention is not applicable.
1	None	None (current day)
2	FollowingDay	Following day. The following business day.
3	FloatingRateNote	Floating rate note. The FRN business day convention.
4	ModifiedFollowingDay	Modified following day. The modified following business day.
5	PrecedingDay	Preceding day. The preceding business day.
6	ModifiedPrecedingDay	Modified preceding day. The modified preceding business day.
7	NearestDay	Nearest day. The nearest applicable business day.

Used in components: [StreamTerminationDate](#)

**170.2.5100 StreamTerminationDate**

StreamTerminationDate is a subcomponent of the StreamGrp component used to specify the termination date of the stream.

Name	Mult.	Type	Description
StreamTerminationDateUnadjusted	[0..1]	LocalMktDate	
StreamTerminationDateBusinessDayConvention	[0..1]	CodeSet	When specified, this overrides the business day convention defined in the DateAdjustment component in Instrument. The specified value would be specific to this instance of the termination date of the stream.
StreamTerminationDateBusinessCenterGrp	[0..*]	Group	When specified, this overrides the business centers defined in the DateAdjustment component in Instrument. The specified values would be specific to this instance of the termination date of the stream.
StreamTerminationDateRelativeTo	[0..1]	int	
StreamTerminationDateOffsetPeriod	[0..1]	int	Conditionally required when StreamTerminationDateOffsetUnit(40070) is specified.
StreamTerminationDateOffsetUnit	[0..1]	CodeSet	Conditionally required when StreamTerminationDateOffsetPeriod(40069) is specified.
StreamTerminationDateOffsetDayType	[0..1]	CodeSet	
StreamTerminationDateAdjusted	[0..1]	LocalMktDate	

Used in groups: [StreamGrp](#)

**170.2.5101 StreamTerminationDateOffsetDayType**

Specifies the day type of the relative termination date offset.

Type: [int](#)

Allowed values in PaymentStreamPaymentDateOffsetDayTypeCodeSet:

Code	Name	Description
0	Business	Business
1	Calendar	Calendar

---

Code	Name	Description
2	CommodityBusiness	Commodity business
3	CurrencyBusiness	Currency business
4	ExchangeBusiness	Exchange business
5	ScheduledTradingDay	Scheduled trading day

---

Used in components: [StreamTerminationDate](#)

#### **170.2.5102 StreamTerminationDateOffsetPeriod**

Time unit multiplier for the relative termination date offset.

Type: [int](#)

Used in components: [StreamTerminationDate](#)

#### **170.2.5103 StreamTerminationDateOffsetUnit**

Time unit associated with the relative termination date offset.

Type: [String](#)

Allowed values in PaymentStreamPaymentDateOffsetUnitCodeSet:

---

Code	Name	Description
D	Day	Day
Wk	Week	Week
Mo	Month	Month
Yr	Year	Year

---

Used in components: [StreamTerminationDate](#)

#### **170.2.5104 StreamTerminationDateRelativeTo**

Specifies the anchor date when the termination date is relative to an anchor date.

See [http://www.fixtradingcommunity.org/codelists#Relative\\_To\\_Date](http://www.fixtradingcommunity.org/codelists#Relative_To_Date) for values.

Type: [int](#)

Used in components: [StreamTerminationDate](#)



**170.2.5105 StreamTerminationDateUnadjusted**

The unadjusted termination date.

Type: [LocalMktDate](#)

Used in components: [StreamTerminationDate](#)

**170.2.5106 StreamText**

Free form text to specify additional information or enumeration description when a standard value does not apply.

Type: [String](#)

Used in groups: [StreamGrp](#)

**170.2.5107 StreamTotalNotional**

Total notional or delivery quantity over the term of the contract.

Type: [Qty](#)

Used in groups: [StreamGrp](#)

**170.2.5108 StreamTotalNotionalUnitOfMeasure**

Specifies the unit of measure (UOM) for the total notional or delivery quantity over the term of the contract.

Type: [String](#)

Allowed values in UnitOfMeasureCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
Alw	Allowances	Allowances
Bcf	BillionCubicFeet	Billion cubic feet
Bbl	Barrels	Barrels. Equal to 42 US gallons
CBM	CubicMeters	Cubic Meters
BDFT	BoardFeet	Board feet. Equal to 144 cubic inches
GJ	Gigajoules	gigajoules
Bu	Bushels	Bushels

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
kHR	HeatRate	Heat rate. The number of BTUs required to produce one kilowatt hour of electricity, typically 3,412.14 BTUs per 1 kWh.
Ccy	Currency	Amount of currency
kWh	KilowattHours	Kilowatt hours
CDD	CoolingDegreeDay	Cooling degree day
MHR	MegaHeatRate	Mega heat rate. The number of million BTUs required to produce one megawatt hour of electricity, typically 3.41214 million BTUs per 1 MWh.
CER	CertifiedEmissionsReduction	Certified emissions reduction
MMBtu	OneMillionBTU	One Million BTU
CPD	CriticalPrecipDay	Critical precipitation day
MWh	MegawattHours	Megawatt hours
CRT	ClimateReserveTonnes	Climate reserve tonnes
thm	Therms	therms. Equal to 100,000 BTU
cwt	Hundredweight	Hundredweight(US). Equal to 100 lbs
tnCO2	TonsOfCarbonDioxide	Tons of carbon dioxide
day	Day	Days
dt	DryMetricTons	Dry metric tons
EnvAllwnc	EnvAllwncCert	Environmental allowance certificates
EnvCrd	EnvironmentalCredit	Environmental credit
EnvOfst	EnvironmentalOffset	Environmental Offset
g	Grams	Grams
Gal	Gallons	Gallons
GT	GrossTons	Gross tons. Also known as long tons or imperial tons, equal to 2240 lbs
HDD	HeatingDegreeDay	Heating degree day
IPNT	IndexPoint	Index point
kg	Kilograms	Kilograms
kL	Kiloliters	kiloliters
kW-a	KilowattYear	Kilowatt year (electrical capacity)
kW-d	KilowattDay	Kilowatt day (electrical capacity)
kW-h	KilowattHour	Kilowatt hour (electrical capacity)
kW-M	KilowattMonth	Kilowatt month (electrical capacity)
kW-min	KilowattMinute	Kilowatt-Minute (electrical capacity)
L	Liters	liters

<b>Code</b>	<b>Name</b>	<b>Description</b>
lbs	Pounds	pounds
MW-a	MegawattYear	Megawatt year (electrical capacity)
MW-d	MegawattDay	Megawatt day (electrical capacity)
MW-h	MegawattHour	Megawatt hour (electrical capacity)
MW-M	MegawattMonth	Megawatt month (electrical capacity)
MW-min	MegawattMinute	Megawatt minute (electrical capacity)
oz_tr	TroyOunces	Troy ounces
PRINC	PrincipalWithRelationToDebtInstrument	Principal with relation to debt instrument
t	MetricTons	Metric tons. Also known as Tonnes, equal to 1000 kg
tn	Tons	Tons (US). Equal to 2000 lbs
a	Are	Are
ac	Acre	Acre
cL	Centiliter	Centiliter
cM	Centimeter	Centimeter
DGE	DieselGallonEquivalent	Diesel gallon equivalent
ft	Foot	Foot
Gal_gb	GBGallon	GB Gallon
GGE	GasolineGallonEquivalent	Gasonline gallon equivalent
ha	Hectare	Hectare
in	Inch	Inch
kM	Kilometer	Kilometer
M	Meter	Meter
mi	Mile	Mile
mL	Milliliter	Milliliter
mM	Millimeter	Millimeter
oz	USOunce	US ounce
pc	Piece	Piece
pt	USPint	US Pint
pt_gb	GBPint	GB pint
qt	USQuart	US Quart
qt_gb	GBQuart	GB Quart
SqcM	SquareCentimeter	Square centimeter
Sqft	SquareFoot	Square foot

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
Sqin	SquareInch	Square inch
SqkM	SquareKilometer	Square kilometer
SqM	SquareMeter	Square meter
Sqmi	SquareMile	Square mile
SqmM	SquareMillimeter	Square millimeter
Sqyd	SquareYard	Square yard
yd	Yard	Yard
MMbbl	MillionBarrels	Million Barrels
USD	USDollars	US Dollars

---

Used in groups: [StreamGrp](#)

### **170.2.5109 StreamType**

Type of swap stream.

Type: [int](#)

Allowed values in StreamTypeCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	PaymentCashSettlement	Payment / cash settlement
1	PhysicalDelivery	Physical delivery

---

Used in groups: [StreamGrp](#)

### **170.2.5110 StreamVersion**

The stream version identifier when there have been modifications to the contract over time. Helps signal when there are embedded changes.

Type: [String](#)

Used in groups: [StreamGrp](#)

**170.2.5111 StreamVersionEffectiveDate**

The effective date of the StreamVersion(42784).

Type: [LocalMktDate](#)

Used in groups: [StreamGrp](#)

**170.2.5112 StreamXID**

Identifier of this Stream for cross referencing elsewhere in the message.

Type: [XID](#)

Used in groups: [StreamGrp](#)

**170.2.5113 StrikeCurrency**

Currency in which the StrikePrice is denominated.

Type: [Currency](#)

Used in components: [Instrument](#)

**170.2.5114 StrikeCurrencyCodeSource**

Identifies class or source of the StrikeCurrency(947) value.

Type: [String](#)

Allowed values in CurrencyCodeSourceCodeSet:

---

Code	Name	Description
1	CUSIP	CUSIP
2	SEDOL	SEDOL
4	ISINNumber	ISIN
6	ISOCurrencyCode	ISO Currency Code (ISO 4217)
S	FinancialInstrumentGlobalIdentifier	Financial Instrument Global Identifier. An Object Management Group (OMG) standard. Also referred to as FIGI. Formerly known as "Bloomberg Open Symbology BBGID".
Y	DigitalTokenIdentifier	Digital Token Identifier (ISO 24165)

---

Used in components: [Instrument](#)

**170.2.5115 StrikeExerciseStyle**

Expiration Style for an option class:

Type: **int**

Allowed values in ExerciseStyleCodeSet:

Code	Name	Description
0	European	European
1	American	American
2	Bermuda	Bermuda
99	Other	Other

Used in groups: **StrikeRules**

**170.2.5116 StrikeIncrement**

Value by which strike price should be incremented within the specified price range.

Type: **float**

Used in groups: **StrikeRules**

**170.2.5117 StrikeIndex**

Specifies the index used to calculate the strike price.

Type: **String**

Used in components: **Instrument**

**170.2.5118 StrikeIndexCurvePoint**

The point on the floating rate index curve. Sample values:

M = combination of a number between 1-12 and an "M" for month, e.g. 3M

Y = combination of number between 1-100 and a "Y" for year, e.g. 10Y

10Y-OLD = see above, then add "-OLD" when appropriate

INTERPOLATED = the point is mathematically derived

2/2031 5 3/8 = the point is stated via a combination of maturity month / year and coupon.

Type: **String**

Used in components: **Instrument**

### **170.2.5119 StrikeIndexQuote**

The quote side from which the index price is to be determined.

Type: **int**

Allowed values in StrikeIndexQuoteCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	Bid	Bid.
1	Mid	Mid
2	Offer	Offer

---

Used in components: **Instrument**

### **170.2.5120 StrikeIndexSpread**

Specifies the strike price offset from the named index.

Type: **PriceOffset**

Used in components: **Instrument**

### **170.2.5121 StrikeMultiplier**

Used for derivatives. Multiplier applied to the strike price for the purpose of calculating the settlement value.

Type: **float**

Used in components: **Instrument**

**170.2.5122 StrikePrice**

Strike Price for an Option.

Type: **Price**

Used in components: **Instrument**

**170.2.5123 StrikePriceBoundaryMethod**

Specifies the boundary condition to be used for the strike price relative to the underlying price at the point of option exercise.

Type: **int**

Allowed values in StrikePriceBoundaryMethodCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
1	LessThan	Less than underlying price is in-the-money (ITM)
2	LessThanOrEqual	Less than or equal to the underlying price is in-the-money(ITM)
3	Equal	Equal to the underlying price is in-the-money(ITM)
4	GreaterThanOrEqual	Greater than or equal to underlying price is in-the-money(ITM)
5	GreaterThan	Greater than underlying is in-the-money(ITM)

---

Used in components: **Instrument**

**170.2.5124 StrikePriceBoundaryPrecision**

Used in combination with StrikePriceBoundaryMethod to specify the percentage of the strike price in relation to the underlying price. The percentage is generally 100 or greater for puts and 100 or less for calls.

Type: **Percentage**

Used in components: **Instrument**

**170.2.5125 StrikePriceDeterminationMethod**

Specifies how the strike price is determined at the point of option exercise. The strike may be fixed throughout the life of the option, set at expiration to the value of the underlying, set to the average value of the underlying , or set to the optimal value of the underlying.



Type: **int**

Allowed values in StrikePriceDeterminationMethodCodeSet:

---

Code	Name	Description
1	FixedStrike	Fixed strike (default if not specified)
2	StrikeSetAtExpiration	Strike set at expiration to underlying or other value (lookback floating)
3	StrikeSetToAverageAcrossLife	Strike set to average of underlying settlement price across the life of the option
4	StrikeSetToOptimalValue	Strike set to optimal value

---

Used in components: **Instrument**

#### **170.2.5126 StrikePricePrecision**

Specifies the number of decimal places for exercise price.

Type: **int**

Used in components: **Instrument**

#### **170.2.5127 StrikeRuleID**

Allows strike rule to be referenced via an identifier so that rules do not need to be explicitly enumerated

Type: **String**

Used in groups: **StrikeRules**

#### **170.2.5128 StrikeRules**

---

Name	Mult.	Type	Description
<b>NoStrikeRules</b>	[1..1]	NumInGroup	Number of strike rule entries. This block specifies the rules for determining how new strikes should be listed within the stated price range of the underlying instrument

---

Name	Mult.	Type	Description
StrikeRuleID	[0..1]	String	Allows strike rule to be referenced via an identifier so that rules do not need to be explicitly enumerated
StartStrikePxRange	[0..1]	Price	Starting price for the range to which the StrikeIncrement applies. Price refers to the price of the underlying
EndStrikePxRange	[0..1]	Price	Ending price of the range to which the StrikeIncrement applies. Price refers to the price of the underlying
StrikeIncrement	[0..1]	float	Value by which strike price should be incremented within the specified price
StrikeExerciseStyle	[0..1]	CodeSet	Enumeration that represents the exercise style for a class of options. Same values as ExerciseStyle
MaturityRules	[0..*]	Group	Describes the maturity rules for a given set of strikes as defined by StrikeRules

---

Used in groups: [MarketSegmentGrp](#), [SecListGrp](#), [SecLstUpdRelSymGrp](#)

### 170.2.5129 StrikeTime

The time at which current market prices are used to determine the value of a basket.

In negotiation workflows where a spread-to-benchmark price is negotiated, this is the pre-determined time at which the benchmark is to be spotted.

Type: [UTCTimestamp](#)

Used in groups: [QuotReqGrp](#), [QuotReqRjctGrp](#)

Used in messages: [BidRequest](#), [Quote](#), [QuoteResponse](#), [QuoteStatusReport](#)

### 170.2.5130 StrikeUnitOfMeasure

Used to express the unit of measure (UOM) of the price if different from the contract.

Type: [String](#)

Allowed values in UnitOfMeasureCodeSet:

<b>Code</b>	<b>Name</b>	<b>Description</b>
Alw	Allowances	Allowances
Bcf	BillionCubicFeet	Billion cubic feet
Bbl	Barrels	Barrels. Equal to 42 US gallons
CBM	CubicMeters	Cubic Meters
BDFT	BoardFeet	Board feet. Equal to 144 cubic inches
GJ	Gigajoules	gigajoules
Bu	Bushels	Bushels
kHR	HeatRate	Heat rate. The number of BTUs required to produce one kilowatt hour of electricity, typically 3,412.14 BTUs per 1 kWh.
Ccy	Currency	Amount of currency
kWh	KilowattHours	Kilowatt hours
CDD	CoolingDegreeDay	Cooling degree day
MHR	MegaHeatRate	Mega heat rate. The number of million BTUs required to produce one megawatt hour of electricity, typically 3.41214 million BTUs per 1 MWh.
CER	CertifiedEmissionsReduction	Certified emissions reduction
MMBtu	OneMillionBTU	One Million BTU
CPD	CriticalPrecipDay	Critical precipitation day
MWh	MegawattHours	Megawatt hours
CRT	ClimateReserveTonnes	Climate reserve tonnes
thm	Therms	therms. Equal to 100,000 BTU
cwt	Hundredweight	Hundredweight(US). Equal to 100 lbs
tnCO2	TonsOfCarbonDioxide	Tons of carbon dioxide
day	Day	Days
dt	DryMetricTons	Dry metric tons
EnvAllwnc	EnvAllwncCert	Environmental allowance certificates
EnvCrd	EnvironmentalCredit	Environmental credit
EnvOfst	EnvironmentalOffset	Environmental Offset
g	Grams	Grams
Gal	Gallons	Gallons
GT	GrossTons	Gross tons. Also known as long tons or imperial tons, equal to 2240 lbs
HDD	HeatingDegreeDay	Heating degree day
IPNT	IndexPoint	Index point
kg	Kilograms	Kilograms

<b>Code</b>	<b>Name</b>	<b>Description</b>
kL	Kiloliters	kiloliters
kW-a	KilowattYear	Kilowatt year (electrical capacity)
kW-d	KilowattDay	Kilowatt day (electrical capacity)
kW-h	KilowattHour	Kilowatt hour (electrical capacity)
kW-M	KilowattMonth	Kilowatt month (electrical capacity)
kW-min	KilowattMinute	Kilowatt-Minute (electrical capacity)
L	Liters	liters
lbs	Pounds	pounds
MW-a	MegawattYear	Megawatt year (electrical capacity)
MW-d	MegawattDay	Megawatt day (electrical capacity)
MW-h	MegawattHour	Megawatt hour (electrical capacity)
MW-M	MegawattMonth	Megawatt month (electrical capacity)
MW-min	MegawattMinute	Megawatt minute (electrical capacity)
oz_tr	TroyOunces	Troy ounces
PRINC	PrincipalWithRelationToDebtInstrument	Principal with relation to debt instrument
t	MetricTons	Metric tons. Also known as Tonnes, equal to 1000 kg
tn	Tons	Tons (US). Equal to 2000 lbs
a	Are	Are
ac	Acre	Acre
cL	Centiliter	Centiliter
cM	Centimeter	Centimeter
DGE	DieselGallonEquivalent	Diesel gallon equivalent
ft	Foot	Foot
Gal_gb	GBGallon	GB Gallon
GGE	GasolineGallonEquivalent	Gasonline gallon equivalent
ha	Hectare	Hectare
in	Inch	Inch
kM	Kilometer	Kilometer
M	Meter	Meter
mi	Mile	Mile
mL	Milliliter	Milliliter
mM	Millimeter	Millimeter
oz	USOunce	US ounce

Code	Name	Description
pc	Piece	Piece
pt	USPint	US Pint
pt_gb	GBPint	GB pint
qt	USQuart	US Quart
qt_gb	GBQuart	GB Quart
SqcM	SquareCentimeter	Square centimeter
Sqft	SquareFoot	Square foot
Sqin	SquareInch	Square inch
SqkM	SquareKilometer	Square kilometer
SqM	SquareMeter	Square meter
Sqmi	SquareMile	Square mile
SqmM	SquareMillimeter	Square millimeter
Sqyd	SquareYard	Square yard
yd	Yard	Yard
MMbbl	MillionBarrels	Million Barrels
USD	USDollars	US Dollars

Used in components: [Instrument](#)

### 170.2.5131 StrikeValue

Used for derivatives. The number of shares/units for the financial instrument involved in the option trade.

Type: [float](#)

Used in components: [Instrument](#)

### 170.2.5132 StrmAsgnReqGrp

Name	Mult.	Type	Description
<a href="#">NoAsgnReqs</a>	[1..1]	NumInGroup	Stream Assignment Requests.
<a href="#">Parties</a>	[0..*]	Group	
<a href="#">StrmAsgnReqInstrmtGrp</a>	[0..*]	Group	

Used in messages: [StreamAssignmentRequest](#)

### 170.2.5133 StrmAsgnReqInstrmtGrp

---

Name	Mult.	Type	Description
<a href="#">NoRelatedSym</a>	[1..1]	NumInGroup	
<a href="#">Instrument</a>	[0..1]	Component	
<a href="#">SettlType</a>	[0..1]	CodeSet	
<a href="#">MDEntrySize</a>	[0..1]	Qty	
<a href="#">MDStreamID</a>	[0..1]	String	

---

Used in groups: [StrmAsgnReqGrp](#)

### 170.2.5134 StrmAsgnRptGrp

---

Name	Mult.	Type	Description
<a href="#">NoAsgnReqs</a>	[1..1]	NumInGroup	Stream Assignment Reports.
<a href="#">Parties</a>	[0..*]	Group	
<a href="#">StrmAsgnRptInstrmtGrp</a>	[0..*]	Group	

---

Used in messages: [StreamAssignmentReport](#)

### 170.2.5135 StrmAsgnRptInstrmtGrp

---

Name	Mult.	Type	Description
<a href="#">NoRelatedSym</a>	[1..1]	NumInGroup	
<a href="#">Instrument</a>	[0..1]	Component	
<a href="#">SettlType</a>	[0..1]	CodeSet	
<a href="#">StreamAsgnType</a>	[0..1]	CodeSet	
<a href="#">MDStreamID</a>	[0..1]	String	
<a href="#">StreamAsgnRejReason</a>	[0..1]	CodeSet	
<a href="#">Text</a>	[0..1]	String	

---

---

Name	Mult.	Type	Description
EncodedTextLen	[0..1]	Length	
EncodedText	[0..1]	data	

---

Used in groups: [StrmAsgnRptGrp](#)

### 170.2.5136 Subject

The subject of an Email message

Type: [String](#)

Used in messages: [Email](#)

### 170.2.5137 SubscriptionRequestType

Subscription Request Type

Type: [char](#)

Allowed values in SubscriptionRequestTypeCodeSet:

---

Code	Name	Description
0	Snapshot	Snapshot
1	SnapshotAndUpdates	Snapshot + Updates (Subscribe)
2	DisablePreviousSnapshot	Disable previous Snapshot + Update Request (Unsubscribe)

---

Used in messages: [CollateralInquiry](#), [DerivativeSecurityListRequest](#), [MarginRequirementInquiry](#), [MarginRequirementInquiryAck](#), [MarketDataRequest](#), [MarketDataStatisticsRequest](#), [MarketDefinitionRequest](#), [PartyDetailsListRequest](#), [PartyEntitlementsRequest](#), [PartyRiskLimitsRequest](#), [PositionReport](#), [QuoteStatusRequest](#), [RFQRequest](#), [RequestForPositions](#), [RequestForPositionsAck](#), [SecurityDefinitionRequest](#), [SecurityListRequest](#), [SecurityMassStatusRequest](#), [SecurityStatusRequest](#), [SecurityTypes](#), [SettlementStatusRequest](#), [TradeCaptureReport](#), [TradeCaptureReportAck](#), [TradeCaptureReportRequest](#), [TradeCaptureReportRequestAck](#), [TradingSessionListRequest](#), [TradingSessionStatusRequest](#)

**170.2.5138 SwapClass**

The classification or type of swap. Additional values may be used by mutual agreement of the counterparties.

Type: **String**

Allowed values in SwapClassCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
BS	BasisSwap	Basis swap
IX	IndexSwap	Index swap
BB	BroadBasedSecuritySwap	Broad-based security swap
SK	BasketSwap	Basket swap

---

Used in components: **Instrument**

**170.2.5139 SwapPoints**

For FX Swap, this is used to express the differential between the far leg's bid/offer and the near leg's bid/offer. Value can be negative. Expressed in decimal form. For example, 61.99 points is expressed and sent as 0.006199

Type: **PriceOffset**

Used in messages: **MultilegOrderCancelReplace, NewOrderMultileg**

**170.2.5140 SwapSubClass**

The sub-classification or notional schedule type of the swap.

Type: **String**

Allowed values in SwapSubClassCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
AMTZ	Amortizing	Amortizing notional schedule
COMP	Compounding	Compounding
CNST	ConstantNotionalSchedule	Constant notional schedule
ACRT	AccretingNotionalSchedule	Accreting notional schedule

---



---

Code	Name	Description
CUST	CustomNotionalSchedule	Custom notional schedule

---

Used in components: [Instrument](#)

### 170.2.5141 Symbol

Ticker symbol. Common, "human understood" representation of the security. SecurityID (48) value can be specified if no symbol exists (e.g. non-exchange traded Collective Investment Vehicles)

Use "[N/A]" for products which do not have a symbol.

Type: [String](#)

Used in components: [Instrument](#)

### 170.2.5142 SymbolPositionNumber

Reference to the first or second currency or digital asset in Symbol(55) for FX-style trading.

Conditionally required when one or both symbols in Symbol(55) represent a digital asset.

Type: [int](#)

Used in groups: [SecAltIDGrp](#)

### 170.2.5143 SymbolSfx

Additional information about the security (e.g. preferred, warrants, etc.). Note also see SecurityType (167).

As defined in the NYSE Stock and bond Symbol Directory and in the AMEX Fitch Directory.

Type: [String](#)

Allowed values in SymbolSfxCodeSet:

---

Code	Name	Description
CD	EUCPWithLumpSumInterest	EUCP with lump-sum interest rather than discount price
WI	WhenIssued	"When Issued" for a security to be reissued under an old CUSIP or ISIN

---

Used in components: [Instrument](#)

#### **170.2.5144 TargetCompID**

Assigned value used to identify receiving firm.

Type: [String](#)

Used in components: [StandardHeader](#)

#### **170.2.5145 TargetLocationID**

Assigned value used to identify specific message destination's location (i.e. geographic location and/or desk, trader)

Type: [String](#)

Used in components: [StandardHeader](#)

#### **170.2.5146 TargetMarketSegmentGrp**

Convey a list of market segments upon which an action is to be taken.

---

<b>Name</b>	<b>Mult.</b>	<b>Type</b>	<b>Description</b>
<a href="#">NoTargetMarketSegments</a>	[1..1]	NumInGroup	
<a href="#">TargetMarketSegmentID</a>	[0..1]	String	Required when NoTargetMarketSegments(1789) > 0.

---

Used in messages: [OrderMassActionReport](#), [OrderMassActionRequest](#)

#### **170.2.5147 TargetMarketSegmentID**

Market segment within a target market segment repeating group.

Type: [String](#)

Used in groups: [TargetMarketSegmentGrp](#)

**170.2.5148 TargetParties**

Name	Mult.	Type	Description
NoTargetPartyIDs	[1..1]	NumInGroup	Repeating group below should contain unique combinations of TargetPartyID, TargetPartyIDSource, and TargetPartyRole.
TargetPartyID	[0..1]	String	Required if NoTargetPartyIDs(1461) > 0. Used to identify the party targeted for the action specified in the message.
TargetPartyIDSource	[0..1]	CodeSet	Used to identify source of target party identifier.
TargetPartyRole	[0..1]	CodeSet	Used to identify the role of source party identifier.
TargetPartyRoleQualifier	[0..1]	CodeSet	Used to further qualify the role of the target party role.
TargetPtysSubGrp	[0..*]	Group	Repeating group of target party sub-identifiers.

Used in messages: ExecutionReport, MassQuoteAck, MultilegOrderCancelReplace, NewOrderMultileg, NewOrderSingle, OrderCancelReplaceRequest, OrderMassActionReport, OrderMassActionRequest, OrderMassCancelReport, OrderMassCancelRequest, OrderMassStatusRequest, PositionTransferInstruction, PositionTransferInstructionAck, PositionTransferReport, QuoteCancel, QuoteStatusReport, QuoteStatusRequest

**170.2.5149 TargetPartyID**

PartyID value within an target party repeating group.

Type: String

Used in groups: TargetParties

**170.2.5150 TargetPartyIDSource**

PartyIDSource value within an target party repeating group.

Same values as PartyIDSource (447)

Type: char

Allowed values in PartyIDSourceCodeSet:

Code	Name	Description
1	KoreanInvestorID	Korean Investor ID
6	UKNationalInsuranceOrPension-Number	UK National Insurance or Pension Number
B	BIC	BIC (Bank Identification Code - SWIFT managed) code (ISO9362 - See "Appendix 6-B")
I	ISITCAcronym	Directed broker three character acronym as defined in ISITC "ETC Best Practice" guidelines document
2	TaiwaneseForeignInvestorID	Taiwanese Qualified Foreign Investor ID QFII/FID
7	USSocialSecurityNumber	US Social Security Number
C	GeneralIdentifier	Generally accepted market participant identifier (e.g. NASD mnemonic)
3	TaiwaneseTradingAcct	Taiwanese Trading Acct
8	USEmployerOrTaxIDNumber	US Employer or Tax ID Number
D	Proprietary	Proprietary / Custom code. Custom ID schema used between counterparties, trading platforms and repositories.
4	MalaysianCentralDepository	Malaysian Central Depository (MCD) number
9	AustralianBusinessNumber	Australian Business Number
E	ISOCountryCode	ISO Country Code
5	ChineseInvestorID	Chinese Investor ID
A	AustralianTaxFileNumber	Australian Tax File Number
F	SettlementEntityLocation	Settlement Entity Location (note if Local Market Settlement use "E=ISO Country Code") (see "Appendix 6-G" for valid values)
G	MIC	Market Identifier Code (ISO 10383) MIC
J	TaxID	Tax ID
H	CSDParticipant	CSD participant/member code (e.g. Euroclear, DTC, CREST or Kassenverein number)
K	AustralianCompanyNumber	Australian Company Number
L	AustralianRegisteredBodyNumber	Australian Registered Body Number
M	CFTCReportingFirmIdentifier	CFTC reporting firm identifier
N	LegalEntityIdentifier	Legal Entity Identifier (ISO 17442) LEI
O	InterimIdentifier	Interim identifier. An interim entity identifier assigned by a regulatory agency prior to an LEI (ISO 17442) being assigned.
P	ShortCodeIdentifier	Short code identifier. A generic means for trading venues, brokers, investment managers to convey a bilaterally agreed upon "short hand" code for an identifier that is a reference to a mapping between the parties.

Code	Name	Description
Q	NationalIDNaturalPerson	National ID of natural person. An identification number generally assigned by a government authority or agency to a natural person which is unique to the person it is assigned to. Examples include, but not limited to, "social security number", "pension number".
R	IndiaPermanentAccountNumber	India Permanent Account Number. Also referred to as PAN ID. An identifier issued by the Income Tax Department of India.
S	FDID	Firm designated identifier. Also referred to as FDID. A unique identifier required by the SEC for each trading account designated by Industry Members for purposes of reporting to CAT (Consolidated Audit Trail).
T	SPSAID	Special Segregated Account ID. Also referred to as SPSA ID. The Special Segregated Account identifier issued by Hong Kong Exchanges and Clearing.
U	MasterSPSAID	Master Special Segregated Account ID. Also referred to as Master SPSA ID. The master identifier issued by Hong Kong Exchanges and Clearing for the aggregation of SPSA IDs.

Used in groups: [TargetParties](#)

### 170.2.5151 TargetPartyRole

PartyRole value within an target party repeating group.

Same values as PartyRole (452)

Type: [int](#)

Allowed values in PartyRoleCodeSet:

Code	Name	Description
1	ExecutingFirm	Executing Firm (formerly FIX 4.2 ExecBroker)
2	BrokerOfCredit	Broker of Credit (formerly FIX 4.2 BrokerOfCredit)
3	ClientID	Client ID (formerly FIX 4.2 ClientID)
4	ClearingFirm	Clearing Firm (formerly FIX 4.2 ClearingFirm)
5	InvestorID	Investor ID
6	IntroducingFirm	Introducing Firm
7	EnteringFirm	Entering Firm

<b>Code</b>	<b>Name</b>	<b>Description</b>
8	Locate	Locate / Lending Firm (for short-sales)
9	FundManagerClientID	Fund Manager Client ID (for CIV)
10	SettlementLocation	Settlement Location (formerly FIX 4.2 SettlLocation)
11	OrderOriginationTrader	Order Origination Trader (associated with Order Origination Firm - i.e. trader who initiates/submits the order)
12	ExecutingTrader	Executing Trader (associated with Executing Firm - actually executes)
13	OrderOriginationFirm	Order Origination Firm (e.g. buy-side firm)
14	GiveupClearingFirmDepr	Giveup Clearing Firm (firm to which trade is given up)
15	CorrespondantClearingFirm	Correspondant Clearing Firm
16	ExecutingSystem	Executing System
17	ContraFirm	Contra Firm
18	ContraClearingFirm	Contra Clearing Firm
19	SponsoringFirm	Sponsoring Firm
20	UnderlyingContraFirm	Underlying Contra Firm
21	ClearingOrganization	Clearing Organization
22	Exchange	Exchange. Identify using PartyIDSource(tag 447) = G (Market Identifier Code) if the MIC exists.
24	CustomerAccount	Customer Account
25	CorrespondentClearingOrganization	Correspondent Clearing Organization
26	CorrespondentBroker	Correspondent Broker
27	Buyer	Buyer/Seller (Receiver/Deliverer)
28	Custodian	Custodian
29	Intermediary	Intermediary
30	Agent	Agent
31	SubCustodian	Sub-custodian
32	Beneficiary	Beneficiary
33	InterestedParty	Interested party
34	RegulatoryBody	Regulatory body. In the context of regulatory reporting, this identifies the regulator the trade is being reported to.
35	LiquidityProvider	Liquidity provider
36	EnteringTrader	Entering trader
37	ContraTrader	Contra trader
38	PositionAccount	Position account. The account which positions are maintained. Typically represents the aggregation of one or more customer accounts.

<b>Code</b>	<b>Name</b>	<b>Description</b>
39	ContraInvestorID	Contra Investor ID
40	TransferToFirm	Transfer to Firm
41	ContraPositionAccount	Contra Position Account
42	ContraExchange	Contra Exchange
43	InternalCarryAccount	Internal Carry Account
44	OrderEntryOperatorID	Order Entry Operator ID
45	SecondaryAccountNumber	Secondary Account Number
46	ForeignFirm	Foreign Firm
47	ThirdPartyAllocationFirm	Third Party Allocation Firm
48	ClaimingAccount	Claiming Account
49	AssetManager	Asset Manager
50	PledgorAccount	Pledgor Account
51	PledgeeAccount	Pledgee Account
52	LargeTraderReportableAccount	Large Trader Reportable Account
53	TraderMnemonic	Trader mnemonic
54	SenderLocation	Sender Location
55	SessionID	Session ID
56	AcceptableCounterparty	Acceptable Counterparty
57	UnacceptableCounterparty	Unacceptable Counterparty
58	EnteringUnit	Entering Unit
59	ExecutingUnit	Executing Unit
60	IntroducingBroker	Introducing Broker
61	QuoteOriginator	Quote originator
62	ReportOriginator	Report originator
63	SystematicInternaliser	Systematic internaliser (SI)
64	MultilateralTradingFacility	Multilateral Trading Facility (MTF). Identify using PartyIDSource(tag 447) = G (Market Identifier Code) if the MIC exists.
65	RegulatedMarket	Regulated Market (RM). Identify using PartyIDSource(tag 447) = G (Market Identifier Code) if the MIC exists.
66	MarketMaker	Market Maker
67	InvestmentFirm	Investment Firm
68	HostCompetentAuthority	Host Competent Authority (Host CA)
69	HomeCompetentAuthority	Home Competent Authority (Home CA)

<b>Code</b>	<b>Name</b>	<b>Description</b>
70	CompetentAuthorityLiquidity	Competent Authority of the most relevant market in terms of liquidity (CAL)
71	CompetentAuthorityTransactionVenue	Competent Authority of the Transaction (Execution) Venue (CATV)
72	ReportingIntermediary	Reporting intermediary. The medium or vendor used to report to a regulator, non-regulatory agency or data repository.
73	ExecutionVenue	Execution Venue. Identify using PartyIDSource(tag 447) = G (Market Identifier Code) if the MIC exists.
74	MarketDataEntryOriginator	Market data entry originator
75	LocationID	Location ID
76	DeskID	Desk ID
77	MarketDataMarket	Market data market
78	AllocationEntity	Allocation Entity
79	PrimeBroker	Prime Broker providing General Trade Services
80	StepOutFirm	Step-Out Firm (Prime Broker)
81	BrokerClearingID	Broker clearing identifier
82	CentralRegistrationDepository	Central Registration Depository (CRD)
83	ClearingAccount	Clearing Account
84	AcceptableSettlingCounterparty	Acceptable Settling Counterparty
85	UnacceptableSettlingCounterparty	Unacceptable Settling Counterparty
86	CLSMemberBank	CLS Member Bank
87	InConcertGroup	In Concert Group
88	InConcertControllingEntity	In Concert Controlling Entity
89	LargePositionsReportingAccount	Large Positions Reporting Account
90	SettlementFirm	Settlement Firm
91	SettlementAccount	Settlement account. The account to which individual payment obligations are aggregated for netting and funds movement. Typically represents the aggregation of many margin (performance bond) accounts.
92	ReportingMarketCenter	Reporting Market Center
93	RelatedReportingMarketCenter	Related Reporting Market Center
94	AwayMarket	Away Market. Identify using PartyIDSource(tag 447) = G (Market Identifier Code) if the MIC exists.
95	GiveupTradingFirm	Give-up (trading) firm
96	TakeupTradingFirm	Take-up (trading) firm
97	GiveupClearingFirm	Give-up clearing firm



<b>Code</b>	<b>Name</b>	<b>Description</b>
98	TakeupClearingFirm	Take-up clearing firm
99	OriginatingMarket	Originating Market. Identifies the Market using PartyIDSource(tag 447) = G (Market Identifier Code) where an order originated in the event that the order is sent to an alternative market for execution. Serves as an inverse of an away market.
100	MarginAccount	Margin account. Also referred to as "performance bond account". The margin account is the calculated margin requirements. Typically represents the aggregation of one or more position accounts.
101	CollateralAssetAccount	Collateral asset account. The account at which individual collateral assets are maintained. Typically, although not always, one-for-one with the settlement account.
102	DataRepository	Data repository. Multiple instances of this PartyRole may appear for reporting purposes.
103	CalculationAgent	Calculation agent
104	ExerciseNoticeSender	Sender of exercise notice
105	ExerciseNoticeReceiver	Receiver of exercise notice
106	RateReferenceBank	Rate reference bank. The bank providing the reference rate. Multiple instance of this PartyRole may appear.
107	Correspondent	Correspondent
109	BeneficiaryBank	Beneficiary's bank or depository institution. The institution in which the beneficiary, a person or an entity, has their account with. The institution may be a bank or non-bank institution.
110	Borrower	Borrower
111	PrimaryObligator	Primary obligator
112	Guarantor	Guarantor
113	ExcludedReferenceEntity	Excluded reference entity
114	DeterminingParty	Determining party
115	HedgingParty	Hedging party
116	ReportingEntity	Reporting entity. The entity that is reporting the information.
117	SalesPerson	Sales person. The person who is involved in the sales activities for their firm.
118	Operator	Operator. The person who has the capabilities and authorization to take certain actions; for example, setting entitlements, etc.
119	CSD	Central Securities Depository (CSD)
120	ICSD	International Central Securities Depository (ICSD)

Code	Name	Description
121	TradingSubAccount	Trading sub-account. Example of sub-accounts include a clearing account that has multiple trading sub-accounts, a trading account that has multiple trading sub-accounts belonging to different trading firms.
122	InvestmentDecisionMaker	Investment decision maker. In the context of ESMA RTS reporting, this is used to specify party responsible for the investment decision. See RTS 24, Annex, Table 2, Field 4.
123	PublishingIntermediary	Publishing intermediary. The medium or vendor used to publish to the market.
124	CSDParticipant	Central Securities Depository (CSD) Participant. In the context of EU SFTR reporting the identifier of the CSD participant or indirect participant of the reporting counterparty. Where both the CSD participant and indirect participant are involved in the transaction this should identify the indirect participant.
125	Issuer	Issuer. The issuer of the security.
126	ContraCustomerAccount	Contra Customer Account. Same as PartyRole(452) = 24 (Customer Account) but for the counterparty. Can be used whenever the parties component is not nested in a repeating group representing both sides.
127	ContraInvestmentDecisionMaker	Contra Investment Decision Maker. Same as PartyRole(452) = 122 (Investment Decision Maker) but for the counterparty. Can be used whenever the parties component is not nested in a repeating group representing both sides.

Used in groups: [TargetParties](#)

### 170.2.5152 TargetPartyRoleQualifier

Qualifies the value of TargetPartyRole (1464).

Type: [int](#)

Allowed values in PartyDetailRoleQualifierCodeSet:

Code	Name	Description
0	Agency	Agency
1	Principal	Principal
2	RisklessPrincipal	Riskless principal
3	GeneralClearingMember	General clearing member

Code	Name	Description
30	ExchangeOrderSubmitter	Exchange order submitter. Used to identify original or initial exchange order submitting broker when party role "1" (Executing Firm) appears more than once.
4	IndividualClearingMember	Individual clearing member
5	PreferredMarketMaker	Preferred market maker. Market maker getting a part of the matched quantity before primary or default market maker.
6	DirectedMarketMaker	Directed market maker. Single market maker to handle the order provided.
7	Bank	Bank
8	Hub	Hub. Indicates that the Intermediary party is a hub system or service provider.
9	PrimaryTrdRepository	Primary trade repository. Used to differentiate the principal trade repository from the Original or Additional trade repositories when there are multiple trade repositories being reported.
10	OrigTrdRepository	Original trade repository. Used to identify the trade repository to which the trade was originally reported if different from the current repository to which the trade is being reported.
11	AddnlIntlTrdRepository	Additional international trade repository. Used with InternationalSwapIndicator(2526) to identify the trade repository that is in addition to the local swaps data repository as required by U.S. law.
12	AddnlDomesticTrdRepository	Additional domestic trade repository. Used with MixedSwapIndicator(1929) to identify the trade repository that is in addition to the current trade repository when the assets in the swap are subject to two different domestic regulators.
13	RelatedExchange	Related exchange
14	OptionsExchange	Options exchange
15	SpecifiedExchange	Specified exchange
16	ConstituentExchange	Constituent exchange.
17	ExemptFromTradeReporting	Exempt from trade reporting. In the context of FINRA TRACE reporting requirements, this is used to indicate the ATS has been granted a regulatory exemption from reporting.
18	Current	Current. Can be used to convey an existing party identifier for the same party role in a single message.
19	New	New. Can be used to convey a future party identifier for the same party role in a single message.
20	DesignatedSponsor	Designated sponsor. Market maker jointly providing liquidity for the same security with other market makers.

Code	Name	Description
21	Specialist	Specialist. Market maker being the only one providing liquidity for a security.
22	Algorithm	Algorithm
23	FirmOrLegalEntity	Firm or legal entity
24	NaturalPerson	Natural person
25	RegularTrader	Regular trader. Standard trader profile.
26	HeadTrader	Head trader. Senior trader leading a group of regular traders.
27	Supervisor	Supervisor. Administrative user that has only limited rights for normal trading but possibly special rights for emergency actions.
28	TriParty	Tri-party. In the context of EU SFTR reporting, identifies the third party, not necessarily the custodian, to which the reporting counterparty has outsourced the post-trade processing of an SFT (if applicable).
29	Lender	Lender. In the context of EU SFTR reporting, identifies the agent lender involved in the securities lending transaction.

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Used in groups: [TargetParties](#)

#### **170.2.5153 TargetPartySubID**

Party sub-identifier value within a target party repeating group.

Type: [String](#)

Used in groups: [TargetPtysSubGrp](#)

#### **170.2.5154 TargetPartySubIDType**

Type of TargetPartySubID(2434) value.

Type: [int](#)

Allowed values in PartySubIDTypeCodeSet:

Code	Name	Description
1	Firm	Firm
2	Person	Person

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<b>Code</b>	<b>Name</b>	<b>Description</b>
3	System	System
4	Application	Application
5	FullLegalNameOfFirm	Full legal name of firm
6	PostalAddress	Postal address
7	PhoneNumber	Phone number
8	EmailAddress	Email address
9	ContactName	Contact name
10	SecuritiesAccountNumber	Securities account number (for settlement instructions)
11	RegistrationNumber	Registration number (for settlement instructions and confirmations)
12	RegisteredAddressForConfirmation	Registered address (for confirmation purposes)
13	RegulatoryStatus	Regulatory status (for confirmation purposes)
14	RegistrationName	Registration name (for settlement instructions)
15	CashAccountNumber	Cash account number (for settlement instructions)
16	BIC	BIC
17	CSDParticipantMemberCode	CSD participant member code
18	RegisteredAddress	Registered address
19	FundAccountName	Fund account name
20	TelexNumber	Telex number
21	FaxNumber	Fax number
22	SecuritiesAccountName	Securities account name
23	CashAccountName	Cash account name
24	Department	Department
25	LocationDesk	Location desk
26	PositionAccountType	Position account type
27	SecurityLocateID	Security locate ID
28	MarketMaker	Market maker
29	EligibleCounterparty	Eligible counterparty
30	ProfessionalClient	Professional client
31	Location	Location
32	ExecutionVenue	Execution venue
33	CurrencyDeliveryIdentifier	Currency delivery identifier
34	AddressCity	Address City
35	AddressStateOrProvince	Address State/Province

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Code	Name	Description
36	AddressPostalCode	Address Postal Code
37	AddressStreet	Address Street
38	AddressISOCountryCode	Address Country (ISO country code)
39	ISOCountryCode	ISO country code
40	MarketSegment	Market segment
41	CustomerAccountType	Customer account type
42	OmnibusAccount	Omnibus account
43	FundsSegregationType	Funds segregation type
44	GuaranteeFund	Guarantee fund. Identifies a guarantee fund related to an account. Used when one account has multiple funds of collateral, each guaranteeing different positions. Can be used for PartyRole(452) = Customer Account(24).
45	SwapDealer	Swap dealer. The US regulator's defined term for identifying the trade counterparty as "any person who holds itself out as a dealer in swaps, makes a market in swaps, regularly enters into swaps with counterparties as an ordinary course of business for its own account, or engages in activity causing itself to be commonly known in the trade as a dealer or market maker in swaps".
46	MajorParticipant	Major participant. When PartySubID(523)=Y the counterparty is not the swap dealer but is a major swap participant as defined in the regulations.
47	FinancialEntity	Financial entity. When PartySubID(523)=Y the counterparty is neither a swap dealer nor a major swap participant but is a financial entity as defined in the regulations.
48	USPerson	U.S. person. A legal term referring to any U.S. person or legal entity anywhere in the world that should be taxed under U.S. law.
49	ReportingEntityIndicator	Reporting entity indicator. Indicates the entity obligated or delegated to report to their regulator, a non-regulatory agency or data repository. Set PartySubID(523)=Y if true.
50	ElectedClearingRequirementException	Elected clearing requirement exception
51	BusinessCenter	Business center.
52	ReferenceText	Reference text
53	ShortMarkingExemptAccount	Short-marking exempt account
54	ParentFirmIdentifier	Parent firm identifier. Implementation-specific identifier of this party's parent entity.
55	ParentFirmName	Parent firm name. Full name of this party's parent entity.

Code	Name	Description
56	DealIdentifier	Deal identifier. The internal identifier assigned to the trade by this party, particularly by a Clearing Organization.
57	SystemTradeID	System trade identifier
58	SystemTradeSubID	System trade sub-identifier
59	FCMCode	Futures Commission Merchant (FCM) code. The FCM's code or identifier in relation to the PartyRole(452). For example, if PartyRole(452) is the exchange or clearinghouse, the FCM code/ID specified in PartySubID(523) is the FCM's identifier at the exchange or clearinghouse.
60	DlvryTrmlCode	Delivery terminal customer account/code. Usually used for gas delivery to identify whose account the gas is allocated to at the delivery terminal. Often referred to as "HUB" code.
61	VolntyRptEntity	Voluntary reporting entity. The entity voluntarily reporting the trade to the regulator. Set PartySubID(523)=Y if true.
62	RptObligJurisdiction	Reporting obligation jurisdiction. For a trade that falls under multiple jurisdictions this may be used to identify, through PartySubID(523), the reporting jurisdiction to which the party is obligated to report.
63	VolntyRptJurisdiction	Voluntary reporting jurisdiction. For a trade that falls under multiple jurisdictions this may be used to identify, through PartySubID(523), the regulatory jurisdiction to which the party is submitting a voluntary report.
64	CompanyActivities	Company activities. For regulatory reporting. ID values include: A = Assurance undertaking authorized in accordance with Directive 2002/83/EC C = Credit institution authorized in accordance with Directive 2006/48/EC F = Investment firm in accordance with Directive 2004/39/EC I = Insurance undertaking authorized in accordance with Directive 73/239/EC L = Alternative investment fund managed by AIFMs authorized or registered in accordance with Directive 2011/61/EC O = Institution for occupational retirement provision within the meaning of Article 6(a) of Directive 2003/41/EC R = Reinsurance undertaking authorized in accordance with Directive 2005/68/EC U = UCITS and its management company, authorized in accordance with Directive 2009/65/EC or blank in case of coverage by LEI or in case of non-financial counterparties. In the context of EU SFTR reporting use the appropriate 4- or 1-character code noted in the regulations. See SFTR ITS "Commission Implementing Regulation (EU) 2019/363" Annexes 1 and 2 for values.
65	EEAreaDomiciled	European Economic Area domiciled. ID values: Y or N

<b>Code</b>	<b>Name</b>	<b>Description</b>
66	ContractLinked	Contract linked to commercial or treasury financing for this counterparty. ID values: Y or N
67	ContractAbove	Contract above clearing threshold for this counterparty. ID values: Y or N
68	VolntyRptPty	Voluntary reporting party. When PartySubID(523)=Y, identifies that the trading party is reporting voluntarily when VoluntaryRegulatoryReport(1935)=Y.
69	EndUser	End user. When PartySubID(523)=Y, the counterparty is neither the swap dealer, major swap participant nor financial entity as defined in the regulations.
70	LocationOrJurisdiction	Location or jurisdiction. One or more instances may be used in combination with PartySubIDType(803) = 49 (Reporting entity indicator) or 102 (Data repository) to identify the jurisdiction, countries, regions or provinces for which the party is a reporting entity or data repository when that characteristic is ambiguous or where there are multiple locations. The party sub-ID value is either a jurisdiction acronym, a 2-character ISO 3166 country code, or a hyphenated combination of the country code and the standard post-office abbreviation for province, state or region if necessary. E.g. "US" for United States or "CA-QC" for Quebec Canada.
71	DerivativesDealer	Derivatives dealer. Indicates whether the party is a derivatives dealer or not (Y/N). The Canadian regulator's defined term for identifying the trade counterparty as "a person or company engaging in or holding himself, herself or itself out as engaging in the business of trading in derivatives in Ontario as principal or agent".
72	Domicile	Domicile. Country and optionally province, state or region of domicile. The party sub-ID value is either a 2-character ISO 3166 country code or a hyphenated combination of the country code and the standard post-office abbreviation of province, state or region if necessary. E.g. "US" for United States or "CA-QC" for Quebec Canada.
73	ExemptFromRecognition	Exempt from recognition. Used with party role 21 "Clearing Organization" to indicate exemption (Y/N). Identifies a clearing agency as exempt from oversight in Ontario, i.e. one that 1) only provides limited services and does not present significant risks or 2) is foreign-based, intends to operate in Ontario but is subject to regulatory oversight in another jurisdiction.



Code	Name	Description
74	Payer	Payer. Identifies the party as the payer of a particular payment stream or bullet payment by quoting the stream's StreamDesc(40051) (or LegStreamDesc(40243) or UnderlyingStreamDesc(40542)) or payment's PaymentDesc(43087) in the associated party sub-identifier field.
75	Receiver	Receiver. Identifies the party as the receiver of a particular payment stream or bullet payment by quoting the stream's StreamDesc(40051) (or LegStreamDesc(40243) or UnderlyingStreamDesc(40542)) or payment's PaymentDesc(43087) in the associated party sub-identifier field.
76	SystematicInternaliser	Systematic Internaliser (SI). In the context of ESMA reporting, this is used to indicate whether the specified party is a Systematic Internaliser or not for the security defined in the Instrument component (Y/N).
77	PublishingEntityIndicator	Publishing entity indicator. Indicates the entity obligated or delegated to publish to the market. Set PartySubID(523)=Y if true.
78	FirstName	First name. The first name(s) of a natural person. If multiple names, separate entries by a comma.
79	Surname	Surname. The surname(s) or lastname(s) of a natural person. If multiple names, separate entries by a comma.
80	DateOfBirth	Date of birth. The date of birth of a natural person in the format YYYYMMDD.
81	OrderTransmittingFirm	Order transmitting firm. Identifies whether the party specified in PartyID(448) is the firm that transmitted the order. In the context of RTS 22 Article 4, when "true" the PartySubID(523)=Y shall be set "by the transmitting firm within the transmitting firm's report where conditions for transmission specified in Article 4 were not satisfied."
82	OrderTransmittingFirmBuyer	Order transmitting firm for buyer. Identifies the firm that transmitted the order for the buyer. In the context of ESMA RTS 22, PartySubID(523)=Y is used to indicate the firm identified in PartyID(448) is the firm that transmitted the order for the buyer. "This shall be populated by the receiving firm within the receiving firm's report with the identification code provided by the transmitting firm."

Code	Name	Description
83	OrderTransmitterSeller	Order transmitter for seller. Identifies the order transmitting firm for the seller. In the context of ESMA RTS 22, PartySubID(523)=Y is used to indicate the firm identified in PartyID(448) is the firm that transmitted the order for the seller. "This shall be populated by the receiving firm within the receiving firm's report with the identification code provided by the transmitting firm."
84	LegalEntityIdentifier	Legal Entity Identifier (ISO 17442) LEI
85	SubSectorClassification	Sub-sector classification. Supplemental to party sub-ID type "64" (Company activities) for regulatory reporting. For EU SFTR reporting use the appropriate 4-character code noted in the regulations applying the conditional association rules. See SFTR ITS "Commission Implementing Regulation (EU) 2019/363" Annexes 1 and 2 for values.
86	PartySide	Party side. May be used, when appropriate, to explicitly indicate the transaction side of the party, e.g. Buyer, Seller, Lender, Borrower, Maker, Taker, etc. in the ID. In the context of EU SFTR reporting, use values as required by SFTR, "GIVE" and "TAKE" in the ID, to identify collateral giver and taker.
87	LegalRegistrationCountry	Legal registration country. ISO Country Code where the registered office of the party is located as specified in the LEI reference data.

Used in groups: [TargetPtysSubGrp](#)

### 170.2.5155 TargetPtysSubGrp

Repeating group of target party sub-identifiers.

Name	Mult.	Type	Description
<a href="#">NoTargetPartySubIDs</a>	[1..1]	NumInGroup	
<a href="#">TargetPartySubID</a>	[0..1]	String	Required when NoTargetPartySubIDs(2433) > 0.
<a href="#">TargetPartySubIDType</a>	[0..1]	CodeSet	Required when NoTargetPartySubIDs(2433) > 0.

Used in groups: [TargetParties](#)

**170.2.5156 TargetStrategy**

The target strategy of the order

1000+ = Reserved and available for bi-laterally agreed upon user defined values

Type: **int**

Allowed values in TargetStrategyCodeSet:

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Code	Name	Description
1	VWAP	VWAP
2	Participate	Participate (i.e. aim to be x percent of the market volume)
3	MinimizeMarketImpact	Minimize market impact

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Used in groups: **ListOrdGrp**

Used in messages: **CrossOrderCancelReplaceRequest**, **ExecutionReport**, **MultilegOrderCancelReplace**, **NewOrderCross**, **NewOrderMultileg**, **NewOrderSingle**, **OrderCancelReplaceRequest**

**170.2.5157 TargetStrategyParameters**

Field to allow further specification of the TargetStrategy - usage to be agreed between counterparties

Type: **String**

Used in groups: **ListOrdGrp**

Used in messages: **CrossOrderCancelReplaceRequest**, **ExecutionReport**, **MultilegOrderCancelReplace**, **NewOrderCross**, **NewOrderMultileg**, **NewOrderSingle**, **OrderCancelReplaceRequest**

**170.2.5158 TargetStrategyPerformance**

For communication of the performance of the order versus the target strategy

Type: **float**

Used in messages: **ExecutionReport**

**170.2.5159 TargetSubID**

Assigned value used to identify specific individual or unit intended to receive message. "ADMIN" reserved for administrative messages not intended for a specific user.

Type: **String**

Used in components: **StandardHeader**

**170.2.5160 TaxAdvantageType**

Identifies the type of tax exempt account in which purchases shares/units are to be held. Used for CIV.

Type: **int**

Allowed values in TaxAdvantageTypeCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	None	None/Not Applicable (default)
1	MaxiISA	Maxi ISA (UK)
2	TESSA	TESSA (UK)
3	MiniCashISA	Mini Cash ISA (UK)
4	MiniStocksAndSharesISA	Mini Stocks And Shares ISA (UK)
5	MiniInsuranceISA	Mini Insurance ISA (UK)
6	CurrentYearPayment	Current Year Payment (US)
7	PriorYearPayment	Prior Year Payment (US)
8	AssetTransfer	Asset Transfer (US)
9	EmployeePriorYear	Employee - prior year (US)
10	EmployeeCurrentYear	Employee - current year (US)
11	EmployerPriorYear	Employer - prior year (US)
12	EmployerCurrentYear	Employer - current year (US)
13	NonFundPrototypeIRA	Non-fund prototype IRA (US)
14	NonFundQualifiedPlan	Non-fund qualified plan (US)
15	DefinedContributionPlan	Defined contribution plan (US)
16	IRA	Individual Retirement Account (US)
17	IRARollover	Individual Retirement Account - Rollover (US)
18	KEOGH	KEOGH (US)
19	ProfitSharingPlan	Profit Sharing Plan (US)

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Code	Name	Description
20	US401K	401(k) (US)
21	SelfDirectedIRA	Self-directed IRA (US)
22	US403b	403(b) (US)
23	US457	457 (US)
24	RothIRAPrototype	Roth IRA (Fund Prototype) (US)
25	RothIRANonPrototype	Roth IRA (Non-prototype) (US)
26	RothConversionIRAPrototype	Roth Conversion IRA (Fund Prototype) (US)
27	RothConversionIRANonPrototype	Roth Conversion IRA (Non-prototype) (US)
28	EducationIRAPrototype	Education IRA (Fund Prototype) (US)
29	EducationIRANonPrototype	Education IRA (Non-prototype) (US)
999	Other	Other

Used in messages: [RegistrationInstructions](#)

### 170.2.5161 TaxonomyType

The type of identification taxonomy used to identify the security.

Type: **char**

Allowed values in TaxonomyTypeCodeSet:

Code	Name	Description
I	ISINOrAltInstrmtID	ISIN or Alternate instrument identifier plus CFI. Identified through use of SecurityID(48) and SecurityIDSource(22) of ISIN or another standard source plus CFICode(461).
E	InterimTaxonomy	Interim Taxonomy. Identified through use of AssetClass(1938) plus either Symbol(55) or SecurityID(48) and SecurityIDSource(22), and/or other additional instrument attributes.

Used in messages: [PositionReport](#), [TradeCaptureReport](#)

### 170.2.5162 TerminatedIndicator

Indicates if the position has been terminated.

Type: **Boolean**

Used in messages: **PositionMaintenanceReport**, **PositionReport**

### **170.2.5163 TerminationDate**

The date of a contract's early termination or other post-trade event when the event is prior to the contract natural end or maturity not defined as part of the security's reference data or contractual terms/agreement.

Type: **LocalMktDate**

Used in messages: **PositionReport**, **QuoteResponse**, **QuoteStatusReport**, **TradeCaptureReport**

### **170.2.5164 TerminationType**

Type of financing termination.

Type: **int**

Allowed values in TerminationTypeCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
1	Overnight	Overnight
2	Term	Term
3	Flexible	Flexible
4	Open	Open

---

Used in components: **FinancingDetails**

### **170.2.5165 TertiaryTrdType**

Type of trade assigned to a trade. Used in addition to TrdType(828) and SecondaryTrdType(855). Must not be used when only one additional trade type needs to be assigned.

Type: **int**

Allowed values in TrdTypeCodeSet:

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	RegularTrade	Regular trade
1	BlockTrade	Block trade
2	EFP	Exchange for physical (EFP)
3	Transfer	Transfer
4	LateTrade	Late trade
5	TTrade	T trade
6	WeightedAveragePriceTrade	Weighted average price trade
7	BunchedTrade	Bunched trade
8	LateBunchedTrade	Late bunched trade
9	PriorReferencePriceTrade	Prior reference price trade
10	AfterHoursTrade	After hours trade
11	ExchangeForRisk	Exchange for risk (EFR)
12	ExchangeForSwap	Exchange for swap (EFS)
13	ExchangeOfFuturesFor	Exchange of futures for in market futures (EFM). For example full sized for mini.
14	ExchangeOfOptionsForOptions	Exchange of options for options (EOO)
15	TradingAtSettlement	Trading at settlement
16	AllOrNone	All or none
17	FuturesLargeOrderExecution	Futures large order execution
18	ExchangeOfFuturesForFutures	Exchange of futures for external market futures (EFF)
19	OptionInterimTrade	Option interim trade
20	OptionCabinetTrade	Option cabinet trade
22	PrivatelyNegotiatedTrades	Privately negotiated trade
23	SubstitutionOfFuturesForForwards	Substitution of futures for forwards
24	ErrorTrade	Error trade
25	SpecialCumDividend	Special cum dividend (CD)
26	SpecialExDividend	Special ex dividend (XD)
27	SpecialCumCoupon	Special cum coupon (CC)
28	SpecialExCoupon	Special ex coupon (XC)
29	CashSettlement	Cash settlement (CS)
30	SpecialPrice	Special price (SP). Usually net or all-in price.
31	GuaranteedDelivery	Guaranteed delivery (GD)
32	SpecialCumRights	Special cum rights (CR)
33	SpecialExRights	Special ex rights (XR)

Code	Name	Description
34	SpecialCumCapitalRepayments	Special cum capital repayments (CP)
35	SpecialExCapitalRepayments	Special ex capital repayments (XP)
36	SpecialCumBonus	Special cum bonus (CB)
37	SpecialExBonus	Special ex bonus (XB)
38	LargeTrade	Block trade. The same as large trade.
39	WorkedPrincipalTrade	Worked principal trade
40	BlockTrades	Block trades
41	NameChange	Name change
42	PortfolioTransfer	Portfolio transfer
43	ProrogationBuy	Prorogation buy. Used by Euronext Paris only. Is used to defer settlement under French SRD (deferred settlement system). Trades must be reported as crosses at zero price.
44	ProrogationSell	Prorogation sell. See prorogation buy.
45	OptionExercise	Option exercise
46	DeltaNeutralTransaction	Delta neutral transaction
47	FinancingTransaction	Financing transaction
48	NonStandardSettlement	Non-standard settlement
49	DerivativeRelatedTransaction	Derivative related transaction
50	PortfolioTrade	Portfolio trade. Identifies a collection/basket of trades. In the context of bonds (e.g. corporate bonds) these are transacted as a single trade at an aggregate price for the entire portfolio and may be traded all-or-none or most-or-none depending on bilateral agreement. In the context of ESMA RTS 1 Article 2(b), may be used to refer to portfolio trades to distinguish between addressable and non-addressable volume. In the context of Market Model Typology (MMT), use of this value applies to SecondaryTrdType(855) or TertiaryTrdType(2896), and when used for MMT market data publication requires MDEntryType(269) = 2 (Trade).
51	VolumeWeightedAverageTrade	Volume weighted average trade
52	ExchangeGrantedTrade	Exchange granted trade
53	RepurchaseAgreement	Repurchase agreement
54	OTC	OTC. Trade executed off-market. In the context of CFTC regulatory reporting for swaps, it is a large notional off-facility swap. In the context of MiFID transparency reporting rules this is used to report, into an exchange, deals made outside exchange rules.
55	ExchangeBasisFacility	Exchange basis facility (EBF)



Code	Name	Description
56	OpeningTrade	Opening trade. Identifies a trade that resulted from the opening of a market. In the context of IIROC, this indicates a trade that occurred at the opening or the first trade of the day for a security.
57	NettedTrade	Netted trade
58	BlockSwapTrade	Block swap trade. Block trade executed off-market or on a registered market. In the context of CFTC regulatory reporting for swaps, it is a swap executed according to SEF or DCM rules.
59	CreditEventTrade	Credit event trade
60	SuccessionEventTrade	Succession event trade
61	GiveUpGiveInTrade	Give-up Give-in trade
62	DarkTrade	Dark trade. In the context of Market Model Typology (MMT), a dark trade might also come from a lit/hybrid book (e.g. when an aggressive lit order hits a resting dark order). The use of this value applies to TrdType(828), and when used for MMT market data publication requires MDEntryType(269) = 2 (Trade).
63	TechnicalTrade	Technical trade
64	Benchmark	Benchmark. In the context of ESMA RTS 1 Article 2(a), may be used to refer to benchmark trades. In the context of Market Model Typology (MMT), the "benchmark" price depends on a benchmark which has no current price but was derived from a time series such as a VWAP. The use of this value applies to SecondaryTrdType(855) or TertiaryTrdType(2896), and when used for MMT market data publication requires MDEntryType(269) = 2 (Trade).
65	PackageTrade	Package trade. May be used to identify the pseudo-trade of a stream or collection of trades to be transacted, cleared and be reported as an atomic unit. In the context of MiFIR RTS 1, this is the "CONT" flag. In the context of MiFIR RTS 2 Article 1(1)(b), may be used to refer to package transactions (excluding exchange for physicals). In the context of Market Model Typology (MMT), use of this value applies to SecondaryTrdType(855) or TertiaryTrdType(2896), and when used for MMT market data publication requires MDEntryType(269) = 2 (Trade).
66	RollTrade	Roll trade. Trade is a roll from one contract that is about to expire to a new contract.

---

Code	Name	Description
67	ClosingPriceTrade	Closing price trade. Identifies a trade that uses the closing price of a market without resulting from the closing of this market. In the context of FCA policy statement PS23/4, this indicates a benchmark transaction executed using the market closing price and is the "CLSE" flag.

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Used in groups: [MDFullGrp](#), [MDIncGrp](#)

Used in messages: [AllocationInstruction](#), [AllocationInstructionAlert](#), [AllocationReport](#), [TradeCaptureReport](#)

### 170.2.5166 TestMessageIndicator

Indicates whether or not this FIX Session is a "test" vs. "production" connection. Useful for preventing "accidents".

Type: [Boolean](#)

Allowed values in TestMessageIndicatorCodeSet:

---

Code	Name	Description
N	False	False (production)
Y	True	True (test)

---

Used in messages: [Logon](#)

### 170.2.5167 TestReqID

Identifier included in Test Request message to be returned in resulting Heartbeat

Type: [String](#)

Used in messages: [Heartbeat](#), [TestRequest](#)

### 170.2.5168 Text

Free format text string

(Note: this field does not have a specified maximum length)

Type: **String**

Used in groups: **BidCompRspGrp, InstrmtStrkPxGrp, LinesOfTextGrp, ListOrdGrp, MDFullGrp, MDIncGrp, OrdListStatGrp, RelSymDerivSecGrp, RelSymDerivSecUpdGrp, SecListGrp, SecLstUpdRelSymGrp, SecMassStatGrp, SideCrossOrdCxlGrp, SideCrossOrdModGrp, StrmAsgnRptInstrmtGrp, TrdCapRptSideGrp, TrdMatchSideGrp, TrdSessLstGrp**

Used in messages: **Advertisement, AllocationInstruction, AllocationInstructionAck, AllocationInstructionAlert, AllocationReport, AllocationReportAck, ApplicationMessageReport, ApplicationMessageRequest, ApplicationMessageRequestAck, AssignmentReport, BidRequest, BusinessMessageReject, CollateralAssignment, CollateralInquiry, CollateralInquiryAck, CollateralReport, CollateralReportAck, CollateralRequest, CollateralResponse, Confirmation, ConfirmationAck, ConfirmationRequest, ContraryIntentionReport, DerivativeSecurityListRequest, DontKnowTrade, ExecutionAck, ExecutionReport, IOI, ListCancelRequest, ListExecute, ListStatusRequest, Logon, Logout, MarginRequirementInquiry, MarginRequirementInquiryAck, MarginRequirementReport, MarketDataRequestReject, MarketDataStatisticsReport, MarketDataStatisticsRequest, MarketDefinition, MarketDefinitionUpdateReport, MassOrder, MassOrderAck, MassQuoteAck, MultilegOrderCancelReplace, NewOrderMultileg, NewOrderSingle, OrderCancelReject, OrderCancelReplaceRequest, OrderCancelRequest, OrderMassActionReport, OrderMassActionRequest, OrderMassCancelReport, OrderMassCancelRequest, PartyActionReport, PartyActionRequest, PartyDetailsDefinitionRequest, PartyDetailsDefinitionRequestAck, PartyDetailsListReport, PartyDetailsListRequest, PartyDetailsListUpdateReport, PartyEntitlementsDefinitionRequest, PartyEntitlementsDefinitionRequestAck, PartyEntitlementsReport, PartyEntitlementsRequest, PartyEntitlementsUpdateReport, PartyRiskLimitCheckRequest, PartyRiskLimitCheckRequestAck, PartyRiskLimitsDefinitionRequest, PartyRiskLimitsDefinitionRequestAck, PartyRiskLimitsReport, PartyRiskLimitsReportAck, PartyRiskLimitsRequest, PartyRiskLimitsUpdateReport, PayManagementReport, PayManagementRequest, PositionMaintenanceReport, PositionMaintenanceRequest, PositionReport, PositionTransferInstruction, PositionTransferInstructionAck, PositionTransferReport, Quote, QuoteAck, QuoteRequest, QuoteRequestReject, QuoteResponse, QuoteStatusReport, Reject, RequestForPositions, RequestForPositionsAck, SecurityDefinition, SecurityDefinitionRequest, SecurityDefinitionUpdateReport, SecurityListRequest, SecurityStatus, SecurityTypeRequest, SecurityTypes, SettlementInstructions, SettlementObligationReport, SettlementStatusReport, SettlementStatusRequest, StreamAssignmentReportACK, TradeCaptureReportAck, TradeCaptureReportRequest, TradeCaptureReportRequestAck, TradeMatchReportAck, TradingSessionStatus, UserNotification**

### **170.2.5169 ThresholdAmount**

Amount that a position has to be in the money before it is exercised.

Type: **PriceOffset**

Used in messages: [AssignmentReport](#), [PositionMaintenanceReport](#), [PositionMaintenanceRequest](#)

### 170.2.5170 ThrottleAction

Action to take should throttle limit be exceeded.

Type: [int](#)

Allowed values in ThrottleActionCodeSet:

---

Code	Name	Description
0	QueueInbound	Queue inbound
1	QueueOutbound	Queue outbound
2	Reject	Reject
3	Disconnect	Disconnect
4	Warning	Warning

---

Used in groups: [ThrottleParamsGrp](#)

### 170.2.5171 ThrottleCountIndicator

Indicates whether a message decrements the number of outstanding requests, e.g. one where ThrottleType = Outstanding Requests.

Type: [int](#)

Allowed values in ThrottleCountIndicatorCodeSet:

---

Code	Name	Description
0	OutstandingRequestsUnchanged	Outstanding requests unchanged
1	OutstandingRequestsDecreased	Outstanding requests decreased

---

Used in components: [ThrottleResponse](#)

### 170.2.5172 ThrottleInst

Describes action recipient should take if a throttle limit were exceeded.

Type: [int](#)

Allowed values in ThrottleInstCodeSet:

Code	Name	Description
0	RejectIfThrottleLimitExceeded	Reject if throttle limit exceeded
1	QueueIfThrottleLimitExceeded	Queue if throttle limit exceeded

Used in components: [ThrottleResponse](#)

Used in messages: [CrossOrderCancelReplaceRequest](#), [MassOrder](#), [MassQuote](#), [MultilegOrderCancelReplace](#), [NewOrderCross](#), [NewOrderList](#), [NewOrderMultileg](#), [NewOrderSingle](#), [OrderCancelReplaceRequest](#), [Quote](#)

### 170.2.5173 ThrottleMsgType

The MsgType (35) of the FIX message being referenced.

Type: [String](#)

Allowed values in MsgTypeCodeSet:

Code	Name	Description
0	Heartbeat	Heartbeat. The Heartbeat monitors the status of the communication link and identifies when the last of a string of messages was not received.
1	TestRequest	TestRequest. The test request message forces a heartbeat from the opposing application. The test request message checks sequence numbers or verifies communication line status. The opposite application responds to the Test Request with a Heartbeat containing the TestReqID.
2	ResendRequest	ResendRequest. The resend request is sent by the receiving application to initiate the retransmission of messages. This function is utilized if a sequence number gap is detected, if the receiving application lost a message, or as a function of the initialization process.
3	Reject	Reject. The reject message should be issued when a message is received but cannot be properly processed due to a session-level rule violation. An example of when a reject may be appropriate would be the receipt of a message with invalid basic data which successfully passes de-encryption, CheckSum and BodyLength checks.

<b>Code</b>	<b>Name</b>	<b>Description</b>
4	SequenceReset	SequenceReset. The sequence reset message is used by the sending application to reset the incoming sequence number on the opposing side.
5	Logout	Logout. The logout message initiates or confirms the termination of a FIX session. Disconnection without the exchange of logout messages should be interpreted as an abnormal condition.
6	IOI	IOI. Indication of interest messages are used to market merchandise which the broker is buying or selling in either a proprietary or agency capacity. The indications can be time bound with a specific expiration value. Indications are distributed with the understanding that other firms may react to the message first and that the merchandise may no longer be available due to prior trade. Indication messages can be transmitted in various transaction types; NEW, CANCEL, and REPLACE. All message types other than NEW modify the state of the message identified in IOIRefID.
7	Advertisement	Advertisement. Advertisement messages are used to announce completed transactions. The advertisement message can be transmitted in various transaction types; NEW, CANCEL and REPLACE. All message types other than NEW modify the state of a previously transmitted advertisement identified in AdvRefID.
8	ExecutionReport	ExecutionReport. The execution report message is used to: 1. confirm the receipt of an order. 2. confirm changes to an existing order (i.e. accept cancel and replace requests). 3. relay order status information. 4. relay fill information on working orders. 5. relay fill information on tradeable or restricted tradeable quotes. 6. reject orders. 7. report post-trade fees calculations associated with a trade
9	OrderCancelReject	OrderCancelReject. The order cancel reject message is issued by the broker upon receipt of a cancel request or cancel/replace request message which cannot be honored.
A	Logon	Logon. The logon message authenticates a user establishing a connection to a remote system. The logon message must be the first message sent by the application requesting to initiate a FIX session.
B	News	News. The news message is a general free format message between the broker and institution. The message contains flags to identify the news item's urgency and to allow sorting by subject company (symbol). The News message can be originated at either the broker or institution side, or exchanges and other marketplace venues.

<b>Code</b>	<b>Name</b>	<b>Description</b>
C	Email	Email. The email message is similar to the format and purpose of the News message, however, it is intended for private use between two parties.
D	NewOrderSingle	NewOrderSingle. The new order message type is used by institutions wishing to electronically submit securities and forex orders to a broker for execution. The New Order message type may also be used by institutions or retail intermediaries wishing to electronically submit Collective Investment Vehicle (CIV) orders to a broker or fund manager for execution.
E	NewOrderList	NewOrderList. The NewOrderList Message can be used in one of two ways depending on which market conventions are being followed.
F	OrderCancelRequest	OrderCancelRequest. The order cancel request message requests the cancellation of all of the remaining quantity of an existing order. Note that the Order Cancel/Replace Request should be used to partially cancel (reduce) an order).
G	OrderCancelReplaceRequest	OrderCancelReplaceRequest. The order cancel/replace request is used to change the parameters of an existing order. Do not use this message to cancel the remaining quantity of an outstanding order, use the Order Cancel Request message for this purpose.
H	OrderStatusRequest	OrderStatusRequest. The order status request message is used by the institution to generate an order status message back from the broker.
J	AllocationInstruction	AllocationInstruction. The Allocation Instruction message provides the ability to specify how an order or set of orders should be subdivided amongst one or more accounts. In versions of FIX prior to version 4.4, this same message was known as the Allocation message. Note in versions of FIX prior to version 4.4, the allocation message was also used to communicate fee and expense details from the Sellside to the Buyside. This role has now been removed from the Allocation Instruction and is now performed by the new (to version 4.4) Allocation Report and Confirmation messages.,The Allocation Report message should be used for the Sell-side Initiated Allocation role as defined in previous versions of the protocol.
K	ListCancelRequest	ListCancelRequest. The List Cancel Request message type is used by institutions wishing to cancel previously submitted lists either before or during execution.

<b>Code</b>	<b>Name</b>	<b>Description</b>
L	ListExecute	ListExecute. The List Execute message type is used by institutions to instruct the broker to begin execution of a previously submitted list. This message may or may not be used, as it may be mirroring a phone conversation.
M	ListStatusRequest	ListStatusRequest. The list status request message type is used by institutions to instruct the broker to generate status messages for a list.
N	ListStatus	ListStatus. The list status message is issued as the response to a List Status Request message sent in an unsolicited fashion by the sell-side. It indicates the current state of the orders within the list as they exist at the broker's site. This message may also be used to respond to the List Cancel Request.
P	AllocationInstructionAck	AllocationInstructionAck. In versions of FIX prior to version 4.4, this message was known as the Allocation ACK message. The Allocation Instruction Ack message is used to acknowledge the receipt of and provide status for an Allocation Instruction message.
Q	DontKnowTrade	DontKnowTrade. The Don't Know Trade (DK) message notifies a trading partner that an electronically received execution has been rejected. This message can be thought of as an execution reject message.
R	QuoteRequest	QuoteRequest. In some markets it is the practice to request quotes from brokers prior to placement of an order. The quote request message is used for this purpose. This message is commonly referred to as a Request For Quote (RFQ)
S	Quote	Quote. The Quote message is used as the response to a Quote Request or a Quote Response message in both indicative, tradeable, and restricted tradeable quoting markets.
T	SettlementInstructions	SettlementInstructions. The Settlement Instructions message provides the broker's, the institution's, or the intermediary's instructions for trade settlement. This message has been designed so that it can be sent from the broker to the institution, from the institution to the broker, or from either to an independent "standing instructions" database or matching system or, for CIV, from an intermediary to a fund manager.
V	MarketDataRequest	MarketDataRequest. Some systems allow the transmission of real-time quote, order, trade, trade volume, open interest, and/or other price information on a subscription basis. A MarketDataRequest(35=V) is a general request for market data on specific securities or forex quotes. The values in the fields provided within the request will serve as further filter criteria for the result set.



Code	Name	Description
W	MarketDataSnapshotFullRefresh	MarketDataSnapshotFullRefresh. The Market Data messages are used as the response to a Market Data Request message. In all cases, one Market Data message refers only to one Market Data Request. It can be used to transmit a 2-sided book of orders or list of quotes, a list of trades, index values, opening, closing, settlement, high, low, or VWAP prices, the trade volume or open interest for a security, or any combination of these.
X	MarketDataIncrementalRefresh	MarketDataIncrementalRefresh. The Market Data message for incremental updates may contain any combination of new, changed, or deleted Market Data Entries, for any combination of instruments, with any combination of trades, imbalances, quotes, index values, open, close, settlement, high, low, and VWAP prices, trade volume and open interest so long as the maximum FIX message size is not exceeded. All of these types of Market Data Entries can be changed and deleted.
Y	MarketDataRequestReject	MarketDataRequestReject. The Market Data Request Reject is used when the broker cannot honor the Market Data Request, due to business or technical reasons. Brokers may choose to limit various parameters, such as the size of requests, whether just the top of book or the entire book may be displayed, and whether Full or Incremental updates must be used.
Z	QuoteCancel	QuoteCancel. The Quote Cancel message is used by an originator of quotes to cancel quotes. The Quote Cancel message supports cancellation of: <ul style="list-style-type: none"> <li>• All quotes.</li> <li>• Quotes for a specific symbol or security ID.</li> <li>• All quotes for a security type.</li> <li>• All quotes for an underlying</li> </ul>
a	QuoteStatusRequest	QuoteStatusRequest. The quote status request message is used for the following purposes in markets that employ tradeable or restricted tradeable quotes: <ul style="list-style-type: none"> <li>• For the issuer of a quote in a market to query the status of that quote (using the QuoteID to specify the target quote).</li> <li>• To subscribe and unsubscribe for Quote Status Report messages for one or more securities.</li> </ul>
b	MassQuoteAck	MassQuoteAck. Mass Quote Acknowledgement is used as the application level response to a Mass Quote message.
c	SecurityDefinitionRequest	SecurityDefinitionRequest. The SecurityDefinitionRequest(35=c) message is used for the following: <ol style="list-style-type: none"> <li>1. Request a specific security to be traded with the second party. The requested security can be defined as a multileg security made up of one or more instrument legs.</li> <li>2. Request a set of individual securities for a single market segment.</li> <li>3. Request all securities, independent of market segment.</li> </ol>

<b>Code</b>	<b>Name</b>	<b>Description</b>
d	SecurityDefinition	SecurityDefinition. The SecurityDefinition(35=d) message is used for the following: 1. Accept the security defined in a SecurityDefinition(35=d) message. 2. Accept the security defined in a SecurityDefinition(35=d) message with changes to the definition and/or identity of the security. 3. Reject the security requested in a SecurityDefinition(35=d) message. 4. Respond to a request for securities within a specified market segment. 5. Convey comprehensive security definition for all market segments that the security participates in. 6. Convey the security's trading rules that differ from default rules for the market segment.
e	SecurityStatusRequest	SecurityStatusRequest. The Security Status Request message provides for the ability to request the status of a security. One or more Security Status messages are returned as a result of a Security Status Request message.
f	SecurityStatus	SecurityStatus. The Security Status message provides for the ability to report changes in status to a security. The Security Status message contains fields to indicate trading status, corporate actions, financial status of the company. The Security Status message is used by one trading entity (for instance an exchange) to report changes in the state of a security.
g	TradingSessionStatusRequest	TradingSessionStatusRequest. The Trading Session Status Request is used to request information on the status of a market. With the move to multiple sessions occurring for a given trading party (morning and evening sessions for instance) there is a need to be able to provide information on what product is trading on what market.
h	TradingSessionStatus	TradingSessionStatus. The Trading Session Status provides information on the status of a market. For markets multiple trading sessions on multiple-markets occurring (morning and evening sessions for instance), this message is able to provide information on what products are trading on what market during what trading session.
i	MassQuote	MassQuote. The Mass Quote message can contain quotes for multiple securities to support applications that allow for the mass quoting of an option series. Two levels of repeating groups have been provided to minimize the amount of data required to submit a set of quotes for a class of options (e.g. all option series for IBM).

Code	Name	Description
j	BusinessMessageReject	BusinessMessageReject. The Business Message Reject message can reject an application-level message which fulfills session-level rules and cannot be rejected via any other means. Note if the message fails a session-level rule (e.g. body length is incorrect), a session-level Reject message should be issued.
k	BidRequest	BidRequest. The BidRequest Message can be used in one of two ways depending on which market conventions are being followed. In the "Non disclosed" convention (e.g. US/European model) the BidRequest message can be used to request a bid based on the sector, country, index and liquidity information contained within the message itself. In the "Non disclosed" convention the entry repeating group is used to define liquidity of the program. See " Program/Basket/List Trading" for an example. In the "Disclosed" convention (e.g. Japanese model) the BidRequest message can be used to request bids based on the ListOrderDetail messages sent in advance of BidRequest message. In the "Disclosed" convention the list repeating group is used to define which ListOrderDetail messages a bid is being sort for and the directions of the required bids.
l	BidResponse	BidResponse. The Bid Response message can be used in one of two ways depending on which market conventions are being followed. In the "Non disclosed" convention the Bid Response message can be used to supply a bid based on the sector, country, index and liquidity information contained within the corresponding bid request message. See "Program/Basket/List Trading" for an example. In the "Disclosed" convention the Bid Response message can be used to supply bids based on the List Order Detail messages sent in advance of the corresponding Bid Request message.
m	ListStrikePrice	ListStrikePrice. The strike price message is used to exchange strike price information for principal trades. It can also be used to exchange reference prices for agency trades.
n	XMLnonFIX	XMLnonFIX.
o	RegistrationInstructions	RegistrationInstructions. The Registration Instructions message type may be used by institutions or retail intermediaries wishing to electronically submit registration information to a broker or fund manager (for CIV) for an order or for an allocation.
p	RegistrationInstructionsResponse	RegistrationInstructionsResponse. The Registration Instructions Response message type may be used by broker or fund manager (for CIV) in response to a Registration Instructions message submitted by an institution or retail intermediary for an order or for an allocation.

<b>Code</b>	<b>Name</b>	<b>Description</b>
q	OrderMassCancelRequest	OrderMassCancelRequest. The order mass cancel request message requests the cancellation of all of the remaining quantity of a group of orders matching criteria specified within the request. NOTE: This message can only be used to cancel order messages (reduce the full quantity).
r	OrderMassCancelReport	OrderMassCancelReport. The Order Mass Cancel Report is used to acknowledge an Order Mass Cancel Request. Note that each affected order that is canceled is acknowledged with a separate Execution Report or Order Cancel Reject message.
s	NewOrderCross	NewOrderCross. Used to submit a cross order into a market. The cross order contains two order sides (a buy and a sell). The cross order is identified by its CrossID.
t	CrossOrderCancelReplaceRequest	CrossOrderCancelReplaceRequest. Used to modify a cross order previously submitted using the New Order - Cross message. See Order Cancel Replace Request for details concerning message usage.
u	CrossOrderCancelRequest	CrossOrderCancelRequest. Used to fully cancel the remaining open quantity of a cross order.
v	SecurityTypeRequest	SecurityTypeRequest. The Security Type Request message is used to return a list of security types available from a counterparty or market.
w	SecurityTypes	SecurityTypes. The Security Type Request message is used to return a list of security types available from a counterparty or market.
x	SecurityListRequest	SecurityListRequest. The Security List Request message is used to return a list of securities from the counterparty that match criteria provided on the request
y	SecurityList	SecurityList. The Security List message is used to return a list of securities that matches the criteria specified in a Security List Request.
z	DerivativeSecurityListRequest	DerivativeSecurityListRequest. The Derivative Security List Request message is used to return a list of securities from the counterparty that match criteria provided on the request
AA	DerivativeSecurityList	DerivativeSecurityList. The Derivative Security List message is used to return a list of securities that matches the criteria specified in a Derivative Security List Request.
AB	NewOrderMultileg	NewOrderMultileg. The New Order - Multileg is provided to submit orders for securities that are made up of multiple securities, known as legs.

Code	Name	Description
AC	MultilegOrderCancelReplace	MultilegOrderCancelReplace. Used to modify a multileg order previously submitted using the New Order - Multileg message. See Order Cancel Replace Request for details concerning message usage.
AD	TradeCaptureReportRequest	TradeCaptureReportRequest. The Trade Capture Report Request can be used to: <ul style="list-style-type: none"> <li>• Request one or more trade capture reports based upon selection criteria provided on the trade capture report request.</li> <li>• Subscribe for trade capture reports based upon selection criteria provided on the trade capture report request.</li> </ul>
AE	TradeCaptureReport	TradeCaptureReport. The Trade Capture Report message can be: <ul style="list-style-type: none"> <li>- Used to report trades between counterparties.</li> <li>- Used to report trades to a trade matching system.</li> <li>- Sent unsolicited between counterparties.</li> <li>- Sent as a reply to a Trade Capture Report Request.</li> <li>- Used to report unmatched and matched trades.</li> </ul>
AF	OrderMassStatusRequest	OrderMassStatusRequest. The order mass status request message requests the status for orders matching criteria specified within the request.
AG	QuoteRequestReject	QuoteRequestReject. The Quote Request Reject message is used to reject Quote Request messages for all quoting models.
AH	RFQRequest	RFQRequest. In tradeable and restricted tradeable quoting markets – Quote Requests are issued by counterparties interested in ascertaining the market for an instrument. Quote Requests are then distributed by the market to liquidity providers who make markets in the instrument. The RFQ Request is used by liquidity providers to indicate to the market for which instruments they are interested in receiving Quote Requests. It can be used to register interest in receiving quote requests for a single instrument or for multiple instruments
AI	QuoteStatusReport	QuoteStatusReport. The quote status report message is used: <ul style="list-style-type: none"> <li>• as the response to a Quote Status Request message.</li> <li>• as a response to a Quote Cancel message.</li> <li>• as a response to a Quote Response message in a negotiation dialog (see Volume 7 – PRODUCT: FIXED INCOME and USER GROUP: EXCHANGES AND MARKETS)</li> </ul>
AJ	QuoteResponse	QuoteResponse. The QuoteResponse(35=AJ) message is used for the following purposes: <ol style="list-style-type: none"> <li>1. Respond to an IOI(35=6) message.</li> <li>2. Respond to a Quote(35=S) message.</li> <li>3. Counter a Quote.</li> <li>4. End a negotiation dialog.</li> <li>5. Follow-up or end a QuoteRequest(35=R) dialog that did not receive a response.</li> </ol>

<b>Code</b>	<b>Name</b>	<b>Description</b>
AK	Confirmation	Confirmation. The Confirmation messages are used to provide individual trade level confirmations from the sell side to the buy side. In versions of FIX prior to version 4.4, this role was performed by the allocation message. Unlike the allocation message, the confirmation message operates at an allocation account (trade) level rather than block level, allowing for the affirmation or rejection of individual confirmations.
AL	PositionMaintenanceRequest	PositionMaintenanceRequest. The Position Maintenance Request message allows the position owner to submit requests to the holder of a position which will result in a specific action being taken which will affect the position. Generally, the holder of the position is a central counter party or clearing organization but can also be a party providing investment services.
AM	PositionMaintenanceReport	PositionMaintenanceReport. The Position Maintenance Report message is sent by the holder of a position in response to a Position Maintenance Request and is used to confirm that a request has been successfully processed or rejected.
AN	RequestForPositions	RequestForPositions. The Request For Positions message is used by the owner of a position to request a Position Report from the holder of the position, usually the central counter party or clearing organization. The request can be made at several levels of granularity.
AO	RequestForPositionsAck	RequestForPositionsAck. The Request for Positions Ack message is returned by the holder of the position in response to a Request for Positions message. The purpose of the message is to acknowledge that a request has been received and is being processed.
AP	PositionReport	PositionReport. The Position Report message is returned by the holder of a position in response to a Request for Position message. The purpose of the message is to report all aspects of a position and may be provided on a standing basis to report end of day positions to an owner.

Code	Name	Description
AQ	TradeCaptureReportRequestAck	TradeCaptureReportRequestAck. The Trade Capture Request Ack message is used to: - Provide an acknowledgement to a Trade Capture Report Request in the case where the Trade Capture Report Request is used to specify a subscription or delivery of reports via an out-of-band ResponseTransmissionMethod. - Provide an acknowledgement to a Trade Capture Report Request in the case when the return of the Trade Capture Reports matching that request will be delayed or delivered asynchronously. This is useful in distributed trading system environments. - Indicate that no trades were found that matched the selection criteria specified on the Trade Capture Report Request or the Trade Capture Report Request was invalid for some business reason, such as request is not authorized, invalid or unknown instrument, party, trading session, etc.
AR	TradeCaptureReportAck	TradeCaptureReportAck. The Trade Capture Report Ack message can be: - Used to acknowledge trade capture reports received from a counterparty. - Used to reject a trade capture report received from a counterparty.
AS	AllocationReport	AllocationReport. Sent from sell-side to buy-side, sell-side to 3rd-party or 3rd-party to buy-side, the Allocation Report (Claim) provides account breakdown of an order or set of orders plus any additional follow-up front-office information developed post-trade during the trade allocation, matching and calculation phase. In versions of FIX prior to version 4.4, this functionality was provided through the Allocation message. Depending on the needs of the market and the timing of "confirmed" status, the role of Allocation Report can be taken over in whole or in part by the Confirmation message.
AT	AllocationReportAck	AllocationReportAck. The Allocation Report Ack message is used to acknowledge the receipt of and provide status for an Allocation Report message.
AU	ConfirmationAck	ConfirmationAck. The Confirmation Ack (aka Affirmation) message is used to respond to a Confirmation message.
AV	SettlementInstructionRequest	SettlementInstructionRequest. The Settlement Instruction Request message is used to request standing settlement instructions from another party.
AW	AssignmentReport	AssignmentReport. Assignment Reports are sent from a clearing house to counterparties, such as a clearing firm as a result of the assignment process.

Code	Name	Description
AX	CollateralRequest	CollateralRequest. An initiator that requires collateral from a respondent sends a Collateral Request. The initiator can be either counterparty to a trade in a two party model or an intermediary such as an ATS or clearinghouse in a three party model. A Collateral Assignment is expected as a response to a request for collateral.
AY	CollateralAssignment	CollateralAssignment. Used to assign collateral to cover a trading position. This message can be sent unsolicited or in reply to a Collateral Request message.
AZ	CollateralResponse	CollateralResponse. Used to respond to a Collateral Assignment message.
BA	CollateralReport	CollateralReport. Used to report collateral status when responding to a Collateral Inquiry message.
BB	CollateralInquiry	CollateralInquiry. Used to inquire for collateral status.
BC	NetworkCounterpartySystemStatus-Request	NetworkCounterpartySystemStatusRequest. This message is send either immediately after logging on to inform a network (counterparty system) of the type of updates required or to at any other time in the FIX conversation to change the nature of the types of status updates required. It can also be used with a NetworkRequestType of Snapshot to request a one-off report of the status of a network (or counterparty) system. Finally this message can also be used to cancel a request to receive updates into the status of the counterparties on a network by sending a NetworkRequestStatusMessage with a NetworkRequestType of StopSubscribing.
BD	NetworkCounterpartySystemStatus-Response	NetworkCounterpartySystemStatusResponse. This message is sent in response to a Network (Counterparty System) Status Request Message.
BE	UserRequest	UserRequest. This message is used to initiate a user action, logon, logout or password change. It can also be used to request a report on a user's status.
BF	UserResponse	UserResponse. This message is used to respond to a user request message, it reports the status of the user after the completion of any action requested in the user request message.
BG	CollateralInquiryAck	CollateralInquiryAck. Used to respond to a Collateral Inquiry in the following situations: <ul style="list-style-type: none"> <li>• When the CollateralInquiry will result in an out of band response (such as a file transfer).</li> <li>• When the inquiry is otherwise valid but no collateral is found to match the criteria specified on the Collateral Inquiry message.</li> <li>• When the Collateral Inquiry is invalid based upon the business rules of the counterparty.</li> </ul>



<b>Code</b>	<b>Name</b>	<b>Description</b>
BH	ConfirmationRequest	ConfirmationRequest. The Confirmation Request message is used to request a Confirmation message.
BO	ContraryIntentionReport	ContraryIntentionReport. The Contrary Intention Report is used for reporting of contrary expiration quantities for Saturday expiring options. This information is required by options exchanges for regulatory purposes.
BP	SecurityDefinitionUpdateReport	SecurityDefinitionUpdateReport. This message is used for reporting updates to a product security master file. Updates could be the result of corporate actions or other business events. Updates may include additions, modifications or deletions.
BK	SecurityListUpdateReport	SecurityListUpdateReport. The Security List Update Report is used for reporting updates to a Contract Security Masterfile. Updates could be due to Corporate Actions or other business events. Update may include additions, modifications and deletions.
BL	AdjustedPositionReport	AdjustedPositionReport. Used to report changes in position, primarily in equity options, due to modifications to the underlying due to corporate actions
BM	AllocationInstructionAlert	AllocationInstructionAlert. This message is used in a 3-party allocation model (buy-side and sell-side using a central clearing entity) where notification of group creation and group updates to counterparties is needed. The message will also carry trade information that comprised the group to the counterparties.
BN	ExecutionAck	ExecutionAck. The Execution Report Acknowledgement message is an optional message that provides dual functionality to notify a trading partner that an electronically received execution has either been accepted or rejected (DK'd).
BJ	TradingSessionList	TradingSessionList. The Trading Session List message is sent as a response to a Trading Session List Request. The Trading Session List should contain the characteristics of the trading session and the current state of the trading session.
BI	TradingSessionListRequest	TradingSessionListRequest. The Trading Session List Request is used to request a list of trading sessions available in a market place and the state of those trading sessions. A successful request will result in a response from the counterparty of a Trading Session List (MsgType=BJ) message that contains a list of zero or more trading sessions.
BQ	SettlementObligationReport	SettlementObligationReport. The Settlement Obligation Report message provides a central counterparty, institution, or individual counterparty with a capacity for reporting the final details of a currency settlement obligation.

<b>Code</b>	<b>Name</b>	<b>Description</b>
BR	DerivativeSecurityListUpdateReport	DerivativeSecurityListUpdateReport. The Derivative Security List Update Report message is used to send updates to an option family or the strikes that comprise an option family.
BS	TradingSessionListUpdateReport	TradingSessionListUpdateReport. The Trading Session List Update Report is used by marketplaces to provide intra-day updates of trading sessions when there are changes to one or more trading sessions.
BT	MarketDefinitionRequest	MarketDefinitionRequest. The Market Definition Request message is used to request for market structure information from the Respondent that receives this request.
BU	MarketDefinition	MarketDefinition. The MarketDefinition(35=BU) message is used to respond to MarketDefinitionRequest(35=BT). In a subscription, it will be used to provide the initial snapshot of the information requested. Subsequent updates are provided by the MarketDefinitionUpdateReport(35=BV).
BV	MarketDefinitionUpdateReport	MarketDefinitionUpdateReport. In a subscription for market structure information, this message is used once the initial snapshot of the information has been sent using the MarketDefinition(35=BU) message.
BW	ApplicationMessageRequest	ApplicationMessageRequest. This message is used to request a retransmission of a set of one or more messages generated by the application specified in RefApplID (1355).
BX	ApplicationMessageRequestAck	ApplicationMessageRequestAck. This message is used to acknowledge an Application Message Request providing a status on the request (i.e. whether successful or not). This message does not provide the actual content of the messages to be resent.
BY	ApplicationMessageReport	ApplicationMessageReport. This message is used for three difference purposes: to reset the ApplSeqNum (1181) of a specified ApplID (1180). to indicate that the last message has been sent for a particular ApplID, or as a keep-alive mechanism for ApplIDs with infrequent message traffic.
BZ	OrderMassActionReport	OrderMassActionReport. The Order Mass Action Report is used to acknowledge an Order Mass Action Request. Note that each affected order that is suspended or released or canceled is acknowledged with a separate Execution Report for each order.
CA	OrderMassActionRequest	OrderMassActionRequest. The Order Mass Action Request message can be used to request the suspension or release of a group of orders that match the criteria specified within the request. This is equivalent to individual Order Cancel Replace Requests for each order with or without adding "S" to the ExecInst values. It can also be used for mass order cancellation.

<b>Code</b>	<b>Name</b>	<b>Description</b>
CB	UserNotification	UserNotification. The User Notification message is used to notify one or more users of an event or information from the sender of the message. This message is usually sent unsolicited from a marketplace (e.g. Exchange, ECN) to a market participant.
CC	StreamAssignmentRequest	StreamAssignmentRequest. In certain markets where market data aggregators fan out to end clients the pricing streams provided by the price makers, the price maker may assign the clients to certain pricing streams that the price maker publishes via the aggregator. An example of this use is in the FX markets where clients may be assigned to different pricing streams based on volume bands and currency pairs.
CD	StreamAssignmentReport	StreamAssignmentReport. The StreamAssignmentReport message is in response to the StreamAssignmentRequest message. It provides information back to the aggregator as to which clients to assign to receive which price stream based on requested CCY pair. This message can be sent unsolicited to the Aggregator from the Price Maker.
CE	StreamAssignmentReportACK	StreamAssignmentReportACK. This message is used to respond to the Stream Assignment Report, to either accept or reject an unsolicited assignment.
CF	PartyDetailsListRequest	PartyDetailsListRequest. The PartyDetailsListRequest is used to request party detail information.
CG	PartyDetailsListReport	PartyDetailsListReport. The PartyDetailsListReport message is used to disseminate party details between counterparties. PartyDetailsListReport messages may be sent in response to a PartyDetailsListRequest message or sent unsolicited.

<b>Code</b>	<b>Name</b>	<b>Description</b>
CH	MarginRequirementInquiry	MarginRequirementInquiry. The purpose of this message is to initiate a margin requirement inquiry for a margin account. The inquiry may be submitted at the detail level or the summary level. It can also be used to inquire margin excess/deficit or net position information. Margin excess/deficit will provide information about the surplus or shortfall compared to the previous trading day or a more recent margin calculation. An inquiry for net position information will trigger one or more PositionReport messages instead of one or more MarginRequirementReport messages. If the inquiry is made at the detail level, an Instrument block must be provided with the desired level of detail. If the inquiry is made at the summary level, the Instrument block is not provided, implying a summary request is being made. For example, if the inquiring firm specifies the Security Type of "FUT" in the Instrument block, then a detail report will be generated containing the margin requirements for all futures positions for the inquiring account. Similarly, if the inquiry is made at the summary level, the report will contain the total margin requirement aggregated to the margin account level.
CI	MarginRequirementInquiryAck	MarginRequirementInquiryAck. Used to respond to a Margin Requirement Inquiry.
CJ	MarginRequirementReport	MarginRequirementReport. The Margin Requirement Report returns information about margin requirement either as an overview across all margin accounts or on a detailed level due to the inquiry making use of the optional Instrument component block. Application sequencing can be used to re-request a range of reports.
CK	PartyDetailsListUpdateReport	PartyDetailsListUpdateReport. The PartyDetailsListUpdateReport(35=CK) is used to disseminate updates to party detail information.
CL	PartyRiskLimitsRequest	PartyRiskLimitsRequest. The PartyRiskLimitsRequest message is used to request for risk information for specific parties, specific party roles or specific instruments.
CM	PartyRiskLimitsReport	PartyRiskLimitsReport. The PartyRiskLimitsReport message is used to communicate party risk limits. The message can either be sent as a response to the PartyRiskLimitsRequest message or can be published unsolicited.
CN	SecurityMassStatusRequest	SecurityMassStatusRequest.
CO	SecurityMassStatus	SecurityMassStatus.

Code	Name	Description
CQ	AccountSummaryReport	AccountSummaryReport. The AccountSummaryReport is provided by the clearinghouse to its clearing members on a daily basis. It contains margin, settlement, collateral and pay/collect data for each clearing member level account type. Clearing member account types will be described through use of the Parties component and PtysSubGrp sub-component. In certain usages, the clearing members can send the AccountSummaryReport message to the clearinghouse as needed. For example, clearing members can send this message to the clearinghouse to identify the value of collateral for each customer (to satisfy CFTC Legally Segregated Operationally Commingled (LSOC) regulatory reporting obligations). Clearing organizations can also send the AccountSummaryReport message to regulators to meet regulatory reporting obligations. For example, clearing organizations can use this message to submit daily reports for each clearing member ("CM") by house origin and by each customer origin for all futures, options, and swaps positions, and all securities positions held in a segregated account or pursuant to a cross margining agreement, to a regulator (e.g. to the CFTC to meet Part 39, Section 39.19 reporting obligations).
CR	PartyRiskLimitsUpdateReport	PartyRiskLimitsUpdateReport. The PartyRiskLimitsUpdateReport(35=CR) is used to convey incremental changes to risk limits. It is similar to the regular report but uses the PartyRiskLimitsUpdateGrp component instead of the PartyRiskLimitsGrp component to include an update action.
CS	PartyRiskLimitsDefinitionRequest	PartyRiskLimitsDefinitionRequest. PartyRiskLimitDefinitionRequest is used for defining new risk limits.
CT	PartyRiskLimitsDefinitionRequestAck	PartyRiskLimitsDefinitionRequestAck. PartyRiskLimitDefinitionRequestAck is used for accepting (with or without changes) or rejecting the definition of risk limits.
CU	PartyEntitlementsRequest	PartyEntitlementsRequest. The PartyEntitlementsRequest message is used to request for entitlement information for one or more party(-ies), specific party role(s), or specific instrument(s).
CV	PartyEntitlementsReport	PartyEntitlementsReport. The PartyEntitlementsReport is used to report entitlements for one or more parties, party role(s), or specific instrument(s).

<b>Code</b>	<b>Name</b>	<b>Description</b>
CW	QuoteAck	QuoteAck. The QuoteAck(35=CW) message is used to acknowledge a Quote(35=S) submittal or request to cancel an individual quote using the QuoteCancel(35=Z) message during a Quote/Negotiation dialog.
CX	PartyDetailsDefinitionRequest	PartyDetailsDefinitionRequest. The PartyDetailsDefinitionRequest(35=CX) is used for defining new parties and modifying or deleting existing parties information, including the relationships between parties. The recipient of the message responds with a PartyDetailsDefinitionRequestAck(35=CY) to indicate whether the request was accepted or rejected.
CY	PartyDetailsDefinitionRequestAck	PartyDetailsDefinitionRequestAck. The PartyDetailsDefinitionRequestAck(35=CY) is used as a response to the PartyDetailsDefinitionRequest(35=CX) message. The request can be accepted (with or without changes) or rejected.
CZ	PartyEntitlementsUpdateReport	PartyEntitlementsUpdateReport. The PartyEntitlementsUpdateReport(35=CZ) is used to convey incremental changes to party entitlements. It is similar to the PartyEntitlementsReport(35=CV). This message uses the PartyEntitlementsUpdateGrp component which includes the ability to specify an update action using ListUpdateAction(1324).
DA	PartyEntitlementsDefinitionRequest	PartyEntitlementsDefinitionRequest. The PartyEntitlementsDefinitionRequest(35=DA) is used for defining new entitlements, and modifying or deleting existing entitlements for the specified party(-ies).
DB	PartyEntitlementsDefinitionRequestAck	PartyEntitlementsDefinitionRequestAck. The PartyEntitlementsDefinitionRequestAck(35=DB) is used as a response to the PartyEntitlementsDefinitionRequest(35=DA) to accept (with or without changes) or reject the definition of party entitlements.
DC	TradeMatchReport	TradeMatchReport. The TradeMatchReport(35=DC) message is used by exchanges and ECN's to report matched trades to central counterparties (CCPs) as an atomic event. The message is used to express the one-to-one, one-to-many and many-to-many matches as well as implied matches in which more complex instruments can match with simpler instruments.
DD	TradeMatchReportAck	TradeMatchReportAck. The TradeMatchReportAck(35=DD) is used to respond to the TradeMatchReport(35=DC) message. It may be used to report on the status of the request (e.g. accepting the request or rejecting the request).

<b>Code</b>	<b>Name</b>	<b>Description</b>
DE	PartyRiskLimitsReportAck	PartyRiskLimitsReportAck. PartyRiskLimitsReportAck is an optional message used as a response to the PartyRiskLimitReport(35=CM) or PartyRiskLimitUpdateReport(35=CR) messages to acknowledge or reject those messages.
DF	PartyRiskLimitCheckRequest	PartyRiskLimitCheckRequest. PartyRiskLimitCheckRequest is used to request for approval of credit or risk limit amount intended to be used by a party in a transaction from another party that holds the information.
DG	PartyRiskLimitCheckRequestAck	PartyRiskLimitCheckRequestAck. PartyRiskLimitCheckRequestAck is used to acknowledge a PartyRiskLimitCheckRequest(35=DF) message and to respond whether the limit check request was approved or not. When used to accept the PartyRiskLimitCheckRequest(35=DF) message the Respondent may also include the limit amount that was approved.
DH	PartyActionRequest	PartyActionRequest. The PartyActionRequest message is used suspend or halt the specified party from further trading activities at the Respondent. The Respondent must respond with a PartyActionReport(35=DI) message.
DI	PartyActionReport	PartyActionReport. Used to respond to the PartyActionRequest(35=DH) message, indicating whether the request has been received, accepted or rejected. Can also be used in an unsolicited manner to report party actions, e.g. reinstatements after a manual intervention out of band.
DJ	MassOrder	MassOrder. The MassOrder(35=DJ) message can be used to add, modify or delete multiple unrelated orders with a single message. Apart from clearing related attributes, only the key order attributes for high performance trading are available.
DK	MassOrderAck	MassOrderAck. The mass order acknowledgement message is used to acknowledge the receipt of and the status for a MassOrder(35=DJ) message.
DL	PositionTransferInstruction	PositionTransferInstruction. The PositionTransferInstruction(35=DL) is sent by clearing firms to CCPs to initiate position transfers, or to accept or decline position transfers.
DM	PositionTransferInstructionAck	PositionTransferInstructionAck. The PositionTransferInstructionAck(35=DM) is sent by CCPs to clearing firms to acknowledge position transfer instructions, and to report errors processing position transfer instructions.

<b>Code</b>	<b>Name</b>	<b>Description</b>
DN	PositionTransferReport	PositionTransferReport. The PositionTransferReport(35=DN) is sent by CCPs to clearing firms indicating of positions that are to be transferred to the clearing firm, or to report on status of the transfer to the clearing firms involved in the transfer process.
DO	MarketDataStatisticsRequest	MarketDataStatisticsRequest. The MarketDataStatisticsRequest(35=DO) is used to request for statistical data. The simple form is to use an identifier (MDStatisticID(2475)) assigned by the market place which would denote a pre-defined statistical report. Alternatively, or also in addition, the request can define a number of parameters for the desired statistical information.
DP	MarketDataStatisticsReport	MarketDataStatisticsReport. The MarketDataStatisticsReport(35=DP) is used to provide unsolicited statistical information or in response to a specific request. Each report contains a set of statistics for a single entity which could be a market, a market segment, a security list or an instrument.
DQ	CollateralReportAck	CollateralReportAck. CollateralReportAck(35=DQ) is used as a response to the CollateralReport(35=BA). It can be used to reject a CollateralReport(35=BA) when the content of the report is invalid based on the business rules of the receiver. The message may also be used to acknowledge receipt of a valid CollateralReport(35=BA).
DR	MarketDataReport	MarketDataReport. The MarketDataReport(35=DR) message is used to provide delimiting references (e.g. start and end markers in a continuous broadcast) and details about the number of market data messages sent in a given distribution cycle.
DS	CrossRequest	CrossRequest. The CrossRequest(35=DS) message is used to indicate the submission of orders or quotes that may result in a crossed trade.
DT	CrossRequestAck	CrossRequestAck. The CrossRequestAck(35=DT) message is used to confirm the receipt of a CrossRequest(35=DS) message.
DU	AllocationInstructionAlertRequest	AllocationInstructionAlertRequest. This message is used in a clearinghouse 3-party allocation model to request for AllocationInstructionAlert(35=BM) from the clearinghouse. The request may be used to obtain a one-time notification of the status of an allocation group.



Code	Name	Description
DV	AllocationInstructionAlertRequestAck	AllocationInstructionAlertRequestAck. This message is used in a clearinghouse 3-party allocation model to acknowledge a AllocationInstructionAlertRequest(35=DU) message for an AllocationInstructionAlert(35=BM) message from the clearinghouse.
DW	TradeAggregationRequest	TradeAggregationRequest. TradeAggregationRequest(35=DW) is used to request that the identified trades between the initiator and respondent be aggregated together for further processing.
DX	TradeAggregationReport	TradeAggregationReport. TradeAggregationReport(35=DX) is used to respond to the TradeAggregationRequest(35=DW) message. It provides the status of the request (e.g. accepted or rejected) and may also provide additional information supplied by the respondent.
EA	PayManagementReport	PayManagementReport. PayManagementReport(35=EA) may be used to respond to the PayManagementRequest(35=DY) message. It provides the status of the request (e.g. accepted, disputed) and may provide additional information related to the request. PayManagementReport(35=EA) may also be sent unsolicited by the broker to a client. In which case the client may acknowledge and resolve disputes out-of-band or with a simple PayManagementReportAck(35=EB). PayManagementReport(35=EA) may also be sent unsolicited to report the progress status of the payment itself with PayReportTransType(2804)=2 (Status).
EB	PayManagementReportAck	PayManagementReportAck. PayManagementReportAck(35=EB) is used as a response to the PayManagementReport(35=EA) message. It may be used to accept, reject or dispute the details of the PayManagementReport(35=EA) depending on the business rules of the receiver. This message may also be used to acknowledge the receipt of a PayManagementReport(35=EA) message.
DY	PayManagementRequest	PayManagementRequest. PayManagementRequest(35=DY) message is used to communicate a future or expected payment to be made or received related to a trade or contract after its settlement.
DZ	PayManagementRequestAck	PayManagementRequestAck. PayManagementRequestAck(35=DZ) is used to acknowledge the receipt of the PayManagementRequest(35=DY) message (i.e. a technical acknowledgement of receipt). Acceptance or rejection of the request is reported in the corresponding PayManagementReport(35=EA).

Code	Name	Description
EC	SettlementStatusRequest	SettlementStatusRequest. SettlementStatusRequest(35=EC) is used to request for the settlement status of a trade.
ED	SettlementStatusRequestAck	SettlementStatusRequestAck. SettlementStatusRequestAck(35=ED) is used to respond to the SettlementStatusRequest(35=EC) to acknowledge the request and provide status for the request message.
EE	SettlementStatusReport	SettlementStatusReport. SettlementStatusReport(35=EE) is a response to the SettlementStatusRequest(35=EC) to provide settlement status for the requested trade. It may also be sent unsolicited without an explicit request message by the party able to provide the settlement status for the trade identified in the report message.
EF	SettlementStatusReportAck	SettlementStatusReportAck. SettlementStatusReportAck(35=EF) is used to respond to the SettlementStatusReport(35=EE) to acknowledge or reject the report.

Used in groups: [ThrottleMsgTypeGrp](#)

#### 170.2.5174 ThrottleMsgTypeGrp

Name	Mult.	Type	Description
NoThrottleMsgType	[1..1]	NumInGroup	
ThrottleMsgType	[0..1]	CodeSet	Required when NoThrottleMsgType > 0.

Used in groups: [ThrottleParamsGrp](#)

#### 170.2.5175 ThrottleNoMsgs

Maximum number of messages allowed by the throttle. May be a rate limit or a limit on the number of outstanding requests.

Type: [int](#)

Used in groups: [ThrottleParamsGrp](#)

**170.2.5176 ThrottleParamsGrp**

Name	Mult.	Type	Description
NoThrottles	[1..1]	NumInGroup	Indicates number of throttles to follow.
ThrottleAction	[0..1]	CodeSet	Required when NoThrottles > 0.
ThrottleType	[0..1]	CodeSet	Required when NoThrottles > 0.
ThrottleNoMsgs	[0..1]	int	Number of messages per time interval, or number of outstanding requests. Required when NoThrottles > 0.
ThrottleTimeInterval	[0..1]	int	Can be used only when ThrottleType = Inbound Rate. Indicates, along with ThrottleTimeUnit, the interval of time in which ThrottleNoMsgs may be sent. Default is 1.
ThrottleTimeUnit	[0..1]	CodeSet	Can be used only when ThrottleType = Inbound Rate. Indicates, along with ThrottleTimeUnit, the interval of time in which ThrottleNoMsgs may be sent. Default is Seconds.
ThrottleMsgTypeGrp	[0..*]	Group	Indicates MsgType values that this throttle counts. If not specified, the definition is implicit based upon bilateral agreement.

Used in messages: [UserNotification](#), [UserResponse](#)

**170.2.5177 ThrottleResponse**

Name	Mult.	Type	Description
ThrottleInst	[0..1]	CodeSet	
ThrottleStatus	[0..1]	CodeSet	
ThrottleCountIndicator	[0..1]	CodeSet	

Used in messages: [ExecutionReport](#), [MassOrderAck](#), [MassQuoteAck](#), [QuoteStatusReport](#)

**170.2.5178 ThrottleStatus**

Indicates whether a message was queued as a result of throttling.

Type: [int](#)

Allowed values in ThrottleStatusCodeSet:

---

Code	Name	Description
0	ThrottleLimitNotExceeded- NotQueued	Throttle limit not exceeded, not queued
1	QueuedDueToThrottleLimitExceeded	Queued due to throttle limit exceeded

---

Used in components: [ThrottleResponse](#)

### 170.2.5179 ThrottleTimeInterval

Value of the time interval in which the rate throttle is applied.

Type: [int](#)

Used in groups: [ThrottleParamsGrp](#)

### 170.2.5180 ThrottleTimeUnit

Units in which ThrottleTimeInterval is expressed. Uses same enumerations as OrderDelayUnit(1429).

Type: [int](#)

Allowed values in OrderDelayUnitCodeSet:

---

Code	Name	Description
0	Seconds	Seconds (default if not specified)
1	TenthsOfASecond	Tenths of a second
2	HundredthsOfASecond	Hundredths of a second
3	Milliseconds	milliseconds
4	Microseconds	microseconds
5	Nanoseconds	nanoseconds
10	Minutes	minutes
11	Hours	hours
12	Days	days
13	Weeks	weeks
14	Months	months
15	Years	years

---

Used in groups: [ThrottleParamsGrp](#)

### 170.2.5181 ThrottleType

Type of throttle.

Type: [int](#)

Allowed values in ThrottleTypeCodeSet:

---

Code	Name	Description
0	InboundRate	Inbound Rate
1	OutstandingRequests	Outstanding Requests

---

Used in groups: [ThrottleParamsGrp](#)

### 170.2.5182 TickDirection

Direction of the "tick".

Type: [char](#)

Allowed values in TickDirectionCodeSet:

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Code	Name	Description
0	PlusTick	Plus Tick
1	ZeroPlusTick	Zero-Plus Tick
2	MinusTick	Minus Tick
3	ZeroMinusTick	Zero-Minus Tick

---

Used in groups: [MDFullGrp](#), [MDIncGrp](#)

### 170.2.5183 TickIncrement

Tick increment for stated price range. Specifies the valid price increments at which a security can be quoted and traded

Type: [Price](#)

Used in groups: [TickRules](#)

**170.2.5184 TickRuleProductComplex**

Identifies an entire suite of products for which the price tick rule applies.

Type: **String**

Used in groups: **TickRules**

**170.2.5185 TickRules**

The TickRules component specifies the rules for determining how a security ticks, i.e. the price increments which it can be quoted, traded, and for certain cases settled, depending on the current price of the security.

---

<b>Name</b>	<b>Mult.</b>	<b>Type</b>	<b>Description</b>
NoTickRules	[1..1]	NumInGroup	
StartTickPriceRange	[0..1]	Price	Required if NoTickRules(1205) > 0.
EndTickPriceRange	[0..1]	Price	
TickIncrement	[0..1]	Price	
TickRuleType	[0..1]	CodeSet	
TickRuleProductComplex	[0..1]	String	Can be used to limit tick rule to specific product suite.
SettlPriceIncrement	[0..1]	Price	
SettlPriceSecondaryIncrement	[0..1]	Price	

---

Used in components: **BaseTradingRules**

**170.2.5186 TickRuleType**

Specifies the type of tick rule which is being described

Type: **int**

Allowed values in TickRuleTypeCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	RegularTrading	Regular trading
1	VariableCabinet	Variable cabinet

---

---

Code	Name	Description
2	FixedCabinet	Fixed cabinet
3	TradedAsASpreadLeg	Traded as a spread leg
4	SettledAsASpreadLeg	Settled as a spread leg
5	TradedAsSpread	Traded as spread. Basis points spread

---

Used in groups: [TickRules](#)

### 170.2.5187 TierCode

The Tier the trade was matched by the clearing system.

Type: [String](#)

Used in messages: [TradeCaptureReport](#), [TradeCaptureReportAck](#)

### 170.2.5188 TimeBracket

A code that represents a time interval in which a fill or trade occurred.

Required for US futures markets.

Type: [String](#)

Used in groups: [TrdCapRptAckSideGrp](#), [TrdCapRptSideGrp](#), [TrdMatchSideGrp](#)

Used in messages: [ExecutionReport](#), [TradeCaptureReportRequest](#)

### 170.2.5189 TimeInForce

Specifies how long the order remains in effect. Absence of this field is interpreted as DAY. NOTE not applicable to CIV Orders.

Type: [char](#)

Allowed values in TimeInForceCodeSet:

---

Code	Name	Description
0	Day	Day (or session). A buy or sell order that, if not executed expires at the end of the trading day on which it was entered.

---

Code	Name	Description
1	GoodTillCancel	Good Till Cancel (GTC). An order to buy or sell that remains in effect until it is either executed or canceled; sometimes called an “open order”.
2	AtTheOpening	At the Opening (OPG). A market or limit-price order to be executed at the opening of the stock or not at all; all or part of any order not executed at the opening is treated as canceled.
3	ImmediateOrCancel	Immediate Or Cancel (IOC). A market or limit-price order that is to be executed in whole or in part as soon as it is available in the market; any portion not so executed is to be canceled.
4	FillOrKill	Fill Or Kill (FOK). A market or limit-price order that is to be executed in its entirety as soon as it is available in the market; if not so executed, the order is to be canceled.
5	GoodTillCrossing	Good Till Crossing (GTX). An order to buy or sell that is canceled prior to the market entering into an auction or crossing phase.
6	GoodTillDate	Good Till Date (GTD). An order to buy or sell that remains in effect until it expires, defined by ExpireDate(432) or ExpireTime(126).
7	AtTheClose	At the Close. Indicated price is to be around the closing price, however, not held to the closing price.
8	GoodThroughCrossing	Good Through Crossing. An order that is valid up till and including a crossing phase.]
9	AtCrossing	At Crossing. An order that is valid only during crossing (auction) phases. The order is valid during the day or up to and including a specified trading (sub) session.
A	GoodForTime	Good for Time (GFT). An order that is valid for a pre-defined time period expressed with ExposureDuration(1629) and (optionally) ExposureDurationUnit(1916).
B	GoodForAuction	Good for Auction (GFA). An order that is valid for an auction initiated by a trading firm (see AuctionType(1803) for examples.
C	GoodForMonth	Good for this Month (GFM). An order that is valid until the end of the current month, i.e. from the time of order submission until the end of the last trading day of the current month.

Used in components: [MDStatisticParameters](#), [TradeReportOrderDetail](#)

Used in groups: [ListOrdGrp](#), [MDFullGrp](#), [MDIncGrp](#), [OrderEntryAckGrp](#), [OrderEntryGrp](#), [TimeInForceRules](#)

Used in messages: [CrossOrderCancelReplaceRequest](#), [ExecutionReport](#), [MultilegOrderCancelReplace](#), [NewOrderCross](#), [NewOrderMultileg](#), [NewOrderSingle](#), [OrderCancelReplaceRequest](#)



**170.2.5190 TimeInForceRules**

Name	Mult.	Type	Description
NoTimeInForceRules	[1..1]	NumInGroup	Number of time in force techniques
TimeInForce	[0..1]	CodeSet	Indicates time in force techniques that are valid for the specified market segment

Used in components: [TradingSessionRules](#)

Used in messages: [MarketDefinition](#), [MarketDefinitionUpdateReport](#)

**170.2.5191 TimeToExpiration**

Time to expiration in years calculated as the number of days remaining to expiration divided by 365 days per year.

Type: [float](#)

Used in messages: [ExecutionReport](#), [TradeCaptureReport](#)

**170.2.5192 TimeUnit**

Unit of time associated with the contract.

NOTE: Additional values may be used by mutual agreement of the counterparties.

Type: [String](#)

Allowed values in TimeUnitCodeSet:

Code	Name	Description
H	Hour	Hour
Min	Minute	Minute
S	Second	Second
D	Day	Day
Wk	Week	Week
Mo	Month	Month
Yr	Year	Year
Q	Quarter	Quarter

Code	Name	Description
EOM	EndOfMonth	End of Month. End of Month identifies a relative time unit, e.g. until the third Friday of each month.
F	Flexible	Flexible. A flexible time unit indicates that a specific time unit for the contract is currently undetermined.

Used in components: [Instrument](#)

#### **170.2.5193 TotalAccruedInterestAmt**

Total Amount of Accrued Interest for convertible bonds and fixed income

Type: [Amt](#)

Used in messages: [AllocationInstruction](#), [AllocationInstructionAlert](#), [AllocationReport](#)

#### **170.2.5194 TotalAffectedOrders**

Total number of orders affected by either the [OrderMassActionRequest\(MsgType=CA\)](#) or [OrderMassCancelRequest\(MsgType=Q\)](#).

Type: [int](#)

Used in messages: [OrderMassActionReport](#), [OrderMassCancelReport](#)

#### **170.2.5195 TotalBidSize**

Specifies the total bid size.

Type: [Qty](#)

Used in groups: [QuotEntryGrp](#)

Used in messages: [Quote](#), [QuoteStatusReport](#)

#### **170.2.5196 TotalGrossTradeAmt**

Expresses the full total monetary value of the traded contract. The value is the product of [LastPx\(31\)](#) and [TotalTradeQty\(2367\)](#) or [TotalTradeMultipliedQty\(2370\)](#), if priced in units instead of contracts.

Type: [Amt](#)

Used in messages: [TradeCaptureReport](#)

### **170.2.5197 TotalIssuedAmount**

Specifies the total amount of the issue. Corresponds to the par value multiplied by the number of issued securities.

Type: **Amt**

Used in components: **Instrument**

### **170.2.5198 TotalNetValue**

TotalNetValue is determined as follows:

At the initial collateral assignment TotalNetValue is the sum of  $(\text{UnderlyingStartValue} * (1 - \text{haircut}))$ .

In a collateral substitution TotalNetValue is the sum of  $(\text{UnderlyingCurrentValue} * (1 - \text{haircut}))$ .

For listed derivatives clearing margin management, this is the collateral value which equals  $(\text{Market value} * \text{haircut})$

Type: **Amt**

Used in messages: **AccountSummaryReport, CollateralAssignment, CollateralInquiry, CollateralReport, CollateralRequest, CollateralResponse**

### **170.2.5199 TotalNotAffectedOrders**

Total number of orders unaffected by either the OrderMassActionRequest(35=CA) or OrderMassCancel-Request(35=Q).

Type: **int**

Used in messages: **OrderMassActionReport**

### **170.2.5200 TotalNumPosReports**

Total number of Position Reports being returned.

Type: **int**

Used in messages: **PositionReport, RequestForPositionsAck**

#### **170.2.5201 TotalOfferSize**

Specifies the total offer size.

Type: Qty

Used in groups: QuotEntryGrp

Used in messages: Quote, QuoteStatusReport

#### **170.2.5202 TotalTakedown**

The price at which the securities are distributed to the different members of an underwriting group for the primary market in Municipals, total gross underwriter's spread.

(Note tag # was reserved in FIX 4.1, added in FIX 4.3)

Type: Amt

Used in groups: TrdCapRptAckSideGrp, TrdCapRptSideGrp

Used in messages: AllocationInstruction, AllocationInstructionAlert, AllocationReport, Confirmation, ExecutionReport

#### **170.2.5203 TotalTradeMultipliedQty**

Expresses the total trade quantity in units where ContractMultiplier(231) is not 1. The value is the product of TotalTradeQty(2367) and ContractMultiplier(231).

Type: Qty

Used in messages: TradeCaptureReport

#### **170.2.5204 TotalTradeQty**

Expresses the total quantity traded over the life of the contract when LastQty(32) is repeated periodically over the term of the contract. The value is the product of LastQty(32) and TradingUnitPeriodMultiplier(2353).

Type: Qty

Used in messages: TradeCaptureReport

#### **170.2.5205 TotalTradingBusinessDays**

Number of trading business days over the lifetime of an instrument.

Type: **int**

Used in groups: **ClearingPriceParametersGrp**

#### **170.2.5206 TotalVolumeTraded**

Total volume (quantity) traded.

Type: **Qty**

Used in groups: **TrdSessLstGrp**

Used in messages: **TradingSessionStatus**

#### **170.2.5207 TotNoAccQuotes**

Specifies the number of accepted quotes

Type: **int**

Used in groups: **QuotSetAckGrp**

#### **170.2.5208 TotNoAllocs**

Total number of NoAlloc entries across all messages. Should be the sum of all NoAllocs in each message that has repeating NoAlloc entries related to the same AllocID or AllocReportID. Used to support fragmentation.

Type: **int**

Used in messages: **AllocationInstruction, AllocationInstructionAlert, AllocationReport**

#### **170.2.5209 TotNoCxlQuotes**

Specifies the number of canceled quotes

Type: **int**

Used in groups: **QuotSetAckGrp**

#### **170.2.5210 TotNoEntitlementReports**

Total number of reports related to party entitlement information.

Type: **int**

Used in messages: **MarketDataReport**

#### **170.2.5211 TotNoFills**

Total number of fill entries across all messages. Should be the sum of all NoFills(1362) in each message that has repeating list of fill entries related to the same ExecID(17). Used to support fragmentation.

Type: **int**

Used in messages: **ExecutionReport**

#### **170.2.5212 TotNoInstrumentReports**

Total number of reports related to instruments.

Type: **int**

Used in messages: **MarketDataReport**

#### **170.2.5213 TotNoMarketSegmentReports**

Total number of reports related to market segments.

Type: **int**

Used in messages: **MarketDataReport**

#### **170.2.5214 TotNoOrderEntries**

Totals number of orders for a mass order or its acknowledgment being fragmented across multiple messages.

Type: **int**

Used in messages: **MassOrder, MassOrderAck**

#### **170.2.5215 TotNoOrders**

Total number of list order entries across all messages. Should be the sum of all NoOrders (73) in each message that has repeating list order entries related to the same ListID (66). Used to support fragmentation.

(Prior to FIX 4.2 this field was named "ListNoOrds")

Type: **int**

Used in messages: **ListStatus**, **NewOrderList**

#### **170.2.5216 TotNoParties**

Total number of PartyListGrp returned.

Type: **int**

Used in messages: **PartyDetailsListReport**, **PartyDetailsListUpdateReport**, **PartyEntitlementsReport**, **PartyEntitlementsUpdateReport**, **PartyRiskLimitsReport**, **PartyRiskLimitsUpdateReport**

#### **170.2.5217 TotNoPartyDetailReports**

Total number of reports related to party detail information.

Type: **int**

Used in messages: **MarketDataReport**

#### **170.2.5218 TotNoQuoteEntries**

Total number of quotes for the quote set.

Type: **int**

Used in groups: **QuotSetAckGrp**, **QuotSetGrp**

#### **170.2.5219 TotNoRejQuotes**

Specifies the number of rejected quotes

Type: **int**

Used in groups: **QuotSetAckGrp**

#### **170.2.5220 TotNoRelatedSym**

Total number of securities.

(Prior to FIX 4.4 this field was named TotalNumSecurities)

Type: **int**

Used in messages: **BidRequest**, **DerivativeSecurityList**, **DerivativeSecurityListUpdateReport**, **SecurityList**, **SecurityListUpdateReport**

#### **170.2.5221 TotNoRiskLimitReports**

Total number of reports related to party risk limit information.

Type: **int**

Used in messages: **MarketDataReport**

#### **170.2.5222 TotNoSecurityTypes**

Used to support fragmentation. Indicates total number of security types when multiple Security Type messages are used to return results.

Type: **int**

Used in messages: **SecurityTypes**

#### **170.2.5223 TotNoStrikes**

Total number of strike price entries across all messages. Should be the sum of all NoStrikes (428) in each message that has repeating strike price entries related to the same ListID (66). Used to support fragmentation.

Type: **int**

Used in messages: **ListStrikePrice**

#### **170.2.5224 TotNumAssignmentReports**

Total Number of Assignment Reports being returned to a firm

Type: **int**

Used in messages: **AssignmentReport**



**170.2.5225 TotNumCollateralRequests**

Total number of request messages within a set or group of requests.

Type: **int**

Used in messages: **CollateralAssignment, CollateralResponse**

**170.2.5226 TotNumReports**

Total number of reports returned in response to a request.

Type: **int**

Used in messages: **CollateralInquiryAck, CollateralReport, ExecutionReport, MarginRequirementInquiryAck, MarginRequirementReport, MarketDataReport, MarketDataSnapshotFullRefresh, PositionReport, RequestForPositionsAck**

**170.2.5227 TotNumTradeReports**

Total number of trade reports returned.

Type: **int**

Used in messages: **TradeCaptureReport, TradeCaptureReportRequestAck**

**170.2.5228 TradeAggregationRejectReason**

Reason for trade aggregation request being rejected.

Type: **int**

Allowed values in TradeAggregationRejectReasonCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	UnknownOrders	Unknown order(s)
1	UnknownExecutionFills	Unknown execution/fill(s)
99	Other	Other

---

Used in messages: **TradeAggregationReport**

**170.2.5229 TradeAggregationReportID**

Unique identifier for the TradeAggregationReport(35=DX).

Type: **String**

Used in messages: **TradeAggregationReport**

**170.2.5230 TradeAggregationRequestID**

The message identifier for the trade aggregation request.

Type: **String**

Used in messages: **TradeAggregationReport, TradeAggregationRequest**

**170.2.5231 TradeAggregationRequestRefID**

Reference identifier to a previously sent trade aggregation message being cancelled or replaced.

Type: **String**

Used in messages: **TradeAggregationRequest**

**170.2.5232 TradeAggregationRequestStatus**

Status of the trade aggregation request.

Type: **int**

Allowed values in TradeAggregationRequestStatusCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	Accepted	Accepted
1	Rejected	Rejected

---

Used in messages: **TradeAggregationReport**

**170.2.5233 TradeAggregationTransType**

Identifies the trade aggregation transaction type.

Type: **int**

Allowed values in TradeAggregationTransTypeCodeSet:

---

Code	Name	Description
0	New	New
1	Cancel	Cancel
2	Replace	Replace

---

Used in messages: **TradeAggregationRequest**

**170.2.5234 TradeAllocAmt**

The amount associated with a trade allocation.

Type: **Amt**

Used in groups: **TradeAllocAmtGrp**

**170.2.5235 TradeAllocAmtGrp**

The TradeAllocAmtGrp component is used to communicate the monetary amounts associated with allocated positions. This is the per-allocation portion of the per-trade amount specified in Position-AmountData component.

---

Name	Mult.	Type	Description
<b>NoTradeAllocAmts</b>	[1..1]	NumInGroup	
<b>TradeAllocAmtType</b>	[0..1]	CodeSet	Required if NoTradeAllocAmts(1844) > 0.
<b>TradeAllocAmt</b>	[0..1]	Amt	Required if NoTradeAllocAmts(1844) > 0.
<b>TradeAllocCurrency</b>	[0..1]	Currency	
<b>TradeAllocCurrencyCodeSource</b>	[0..1]	CodeSet	
<b>TradeAllocAmtReason</b>	[0..1]	CodeSet	

---

Used in groups: **AllocGrp**, **TrdAllocGrp**

**170.2.5236 TradeAllocAmtReason**

Specifies the reason for an amount type when reported on an allocation. Useful when multiple instances of the same amount type are reported.

Type: **int**

Allowed values in PosAmtReasonCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	OptionsSettlement	Options settlement
1	PendingErosionAdjustment	Pending erosion adjustment
2	FinalErosionAdjustment	Final erosion adjustment
3	TearUpCouponAmount	Tear-up coupon amount
4	PriceAlignmentInterest	Price alignment interest. To minimize the impact of daily cash variation margin payments on the pricing of interest rate swaps, the Clearing House will charge interest on cumulative variation margin received and pay interest on cumulative variation margin paid in respect of these instruments. This interest element is known as price alignment interest.
5	DeliveryInvoiceCharges	Delivery invoice charges
6	DeliveryStorageCharges	Delivery storage charges

---

Used in groups: **TradeAllocAmtGrp**

**170.2.5237 TradeAllocAmtType**

Type of the amount associated with a trade allocation.

Type: **String**

Allowed values in PosAmtTypeCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
CASH	CashAmount	Cash amount (corporate event)
CRES	CashResidualAmount	Cash residual amount
FMTM	FinalMarkToMarketAmount	Final mark-to-market amount
IMTM	IncrementalMarkToMarketAmount	Incremental mark-to-market
PREM	PremiumAmount	Premium amount

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
SMTM	StartOfDayMarkToMarketAmount	Start of day mark-to-market
TVAR	TradeVariationAmount	Trade variation amount
VADJ	ValueAdjustedAmount	Value adjusted amount
SETL	SettlementValue	Settlement value
ICPN	InitialTradeCouponAmount	Initial trade coupon amount
ACPN	AccruedCouponAmount	Accrued coupon amount
CPN	CouponAmount	Coupon amount
IACPN	IncrementalAccruedCoupon	Incremental accrued coupon
CMTM	CollateralizedMarkToMarket	Collateralized mark-to-market
ICMTM	IncrementalCollateralizedMark-ToMarket	Incremental collateralized mark-to-market
DLV	CompensationAmount	Compensation amount
BANK	TotalBankedAmount	Total banked amount
COLAT	TotalCollateralizedAmount	Total collateralized amount
LSNV	LongPairedSwapNotionalValue	Long paired swap or swaption notional value
SSNV	ShortPairedSwapNotionalValue	Short paired swap or swaption notional value
SACPN	StartOfDayAccruedCoupon	Start-of-day accrued coupon
NPV	NetPresentValue	Net present value
SNPV	StartOfDayNetPresentValue	Start-of-day net present value
NCF	NetCashFlow	Net cash flow
PVFEES	PresentValueOfFees	Present value of all fees
PV01	PresentValueOneBasisPoints	Present value of one basis points. Change in value if yield curve shifts 0.01%.
5YREN	FiveYearEquivalentNotional	The five year equivalent notional amount
UMTM	UndiscountedMarkToMarket	Undiscounted mark-to-market
MTD	MarkToModel	Mark-to-model
VMTM	MarkToMarketVariance	Mark-to-market variance
VMTD	MarkToModelVariance	Mark-to-model variance
UPFRNT	UpfrontPayment	Upfront payment
ENDV	EndVale	End value. Principal amount of a securities financing transaction on maturity date.
MGNLN	OutstandingMarginLoan	Outstanding margin loan. The amount of the outstanding margin loan. In the event that the loan has a short market value, PosAmt(708) would be a negative value.
LNVL	LoanValue	Loan value. The amount of the loan.

Used in groups: [TradeAllocAmtGrp](#)

### **170.2.5238 TradeAllocCurrency**

Currency denomination of the trade allocation amount.

Type: [Currency](#)

Used in groups: [TradeAllocAmtGrp](#)

### **170.2.5239 TradeAllocCurrencyCodeSource**

Identifies class or source of the TradeAllocCurrency(1847) value.

Type: [String](#)

Allowed values in CurrencyCodeSourceCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
1	CUSIP	CUSIP
2	SEDOL	SEDOL
4	ISINNumber	ISIN
6	ISOCurrencyCode	ISO Currency Code (ISO 4217)
S	FinancialInstrumentGlobalIdentifier	Financial Instrument Global Identifier. An Object Management Group (OMG) standard. Also referred to as FIGI. Formerly known as "Bloomberg Open Symbology BBGID".
Y	DigitalTokenIdentifier	Digital Token Identifier (ISO 24165)

---

Used in groups: [TradeAllocAmtGrp](#)

### **170.2.5240 TradeAllocGroupInstruction**

Instruction on how to add a trade to an allocation group when it is being given-up.

Type: [int](#)

Allowed values in TradeAllocGroupInstructionCodeSet:

---

Code	Name	Description
0	Add	Add to an existing allocation group if one exists.
1	DoNotAdd	Do not add the trade to an allocation group.

---

Used in groups: [TrdCapRptSideGrp](#)

### 170.2.5241 TradeAllocIndicator

Identifies if, and how, the trade is to be allocated or split.

Type: [int](#)

Allowed values in TradeAllocIndicatorCodeSet:

---

Code	Name	Description
0	AllocationNotRequired	Allocation not required
1	AllocationRequired	Allocation required (give-up trade) allocation information not provided (incomplete)
2	UseAllocationProvidedWithTheTrade	Use allocation provided with the trade
3	AllocationGiveUpExecutor	Allocation give-up executor
4	AllocationFromExecutor	Allocation from executor
5	AllocationToClaimAccount	Allocation to claim account
6	TradeSplit	Trade split

---

Used in groups: [TrdCapRptAckSideGrp](#), [TrdCapRptSideGrp](#), [TrdMatchSideGrp](#)

### 170.2.5242 TradeAllocStatus

Identifies the status of an allocation when using a pre-clear workflow.

Type: [int](#)

Allowed values in TradeAllocStatusCodeSet:

---

Code	Name	Description
0	PendingClear	Pending clear
1	Claimed	Claimed

---

Code	Name	Description
2	Cleared	Cleared
3	Rejected	Rejected

Used in groups: [TrdAllocGrp](#)

### 170.2.5243 TradeCapLegUnderlyingsGrp

Name	Mult.	Type	Description
<a href="#">NoOfLegUnderlyings</a>	[1..1]	NumInGroup	Number of legs for the underlying instrument
<a href="#">UnderlyingLegInstrument</a>	[0..1]	Component	

Used in groups: [TrdInstrmtLegGrp](#)

### 170.2.5244 TradeClearingInstruction

Specifies the eligibility of this trade for clearing and central counterparty processing.

Type: [int](#)

Allowed values in ClearingInstructionCodeSet:

Code	Name	Description
0	ProcessNormally	Process normally
1	ExcludeFromAllNetting	Exclude from all netting
2	BilateralNettingOnly	Bilateral netting only
3	ExClearing	Ex clearing
4	SpecialTrade	Special trade
5	MultilateralNetting	Multilateral netting
6	ClearAgainstCentralCounterparty	Clear against central counterparty
7	ExcludeFromCentralCounterparty	Exclude from central counterparty
8	ManualMode	Manual mode (pre-posting and/or pre-giveup)
9	AutomaticPostingMode	Automatic posting mode (trade posting to the position account number specified)



---

Code	Name	Description
10	AutomaticGiveUpMode	Automatic give-up mode (trade give-up to the give-up destination number specified)
11	QualifiedServiceRepresentativeQSR	Qualified Service Representative QSR
12	CustomerTrade	Customer trade
13	SelfClearing	Self clearing
14	BuyIn	Buy-in

---

Used in messages: [TradeCaptureReport](#)

### 170.2.5245 TradeCollateralization

Specifies how the trade is collateralized.

Type: [int](#)

Allowed values in TradeCollateralizationCodeSet:

---

Code	Name	Description
0	Uncollateralized	Uncollateralized
1	PartiallyCollateralized	Partially collateralized
2	OneWayCollateralization	One-way collateralization
3	FullyCollateralized	Fully collateralized
4	NetExposure	Net exposure. Indication of whether the collateral has been provided for a net exposure, rather than for a single transaction.

---

Used in messages: [CollateralReport](#), [PositionReport](#), [TradeCaptureReport](#)

### 170.2.5246 TradeCondition

Type of market data entry.

Type: [MultipleStringValue](#)

Allowed values in TradeConditionCodeSet:

<b>Code</b>	<b>Name</b>	<b>Description</b>
A	Cash	Cash (only) Market
B	AveragePriceTrade	Average Price Trade
C	CashTrade	Cash Trade (same day clearing)
D	NextDay	Next Day (only)Market
E	Opening	Opening/Reopening Trade Detail
F	IntradayTradeDetail	Intraday Trade Detail
G	Rule127Trade	Rule 127 Trade (NYSE)
H	Rule155Trade	Rule 155 Trade (AMEX)
I	SoldLast	Sold Last (late reporting)
J	NextDayTrade	Next Day Trade (next day clearing)
K	Opened	Opened (late report of opened trade)
L	Seller	Seller
M	Sold	Sold (out of sequence)
N	StoppedStock	Stopped Stock (guarantee of price but does not execute the order)
P	ImbalanceMoreBuyers	Imbalance More Buyers (cannot be used in combination with Q)
Q	ImbalanceMoreSellers	Imbalance More Sellers (cannot be used in combination with P)
R	OpeningPrice	Opening Price
S	BargainCondition	Bargain Condition (LSE)
T	ConvertedPriceIndicator	Converted Price Indicator
U	ExchangeLast	Exchange Last
V	FinalPriceOfSession	Final Price of Session
W	ExPit	Ex-pit
X	Crossed	Crossed
Y	TradesResultingFromManual	Trades resulting from manual/slow quote
Z	TradesResultingFromIntermarketSweep	Trades resulting from intermarket sweep
a	VolumeOnly	Volume Only
b	DirectPlus	Direct Plus
c	Acquisition	Acquisition
d	Bunched	Bunched
e	Distribution	Distribution
f	BunchedSale	Bunched Sale
g	SplitTrade	Split Trade
h	CancelStopped	Cancel Stopped

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
i	CancelETH	Cancel ETH
j	CancelStoppedETH	Cancel Stopped ETH
k	OutOfSequenceETH	Out of Sequence ETH
l	CancelLastETH	Cancel Last ETH
m	SoldLastSaleETH	Sold Last Sale ETH
n	CancelLast	Cancel Last
o	SoldLastSale	Sold Last Sale
p	CancelOpen	Cancel Open
q	CancelOpenETH	Cancel Open ETH
r	OpenedSaleETH	Opened Sale ETH
s	CancelOnly	Cancel Only
t	CancelOnlyETH	Cancel Only ETH
u	LateOpenETH	Late Open ETH
v	AutoExecutionETH	Auto Execution ETH
w	Reopen	Reopen
x	ReopenETH	Reopen ETH
y	Adjusted	Adjusted
z	AdjustedETH	Adjusted ETH
AA	Spread	Spread
AB	SpreadETH	Spread ETH
AC	Straddle	Straddle
AD	StraddleETH	Straddle ETH
AE	Stopped	Stopped
AF	StoppedETH	Stopped ETH
AG	RegularETH	Regular ETH
AH	Combo	Combo
AI	ComboETH	Combo ETH
AJ	OfficialClosingPrice	Official Closing Price
AK	PriorReferencePrice	Prior Reference Price
AL	StoppedSoldLast	Stopped Sold Last
AM	StoppedOutOfSequence	Stopped Out of Sequence
AN	OfficialClosingPriceDup	Official Closing Price (duplicate enumeration - use 'AJ' instead)
AO	CrossedOld	Crossed (duplicate enumeration - use 'X' instead)
AP	FastMarket	Fast Market

---

Code	Name	Description
AQ	AutomaticExecution	Automatic Execution
AR	FormT	Form T
AS	BasketIndex	Basket Index
AT	BurstBasket	Burst Basket
AU	TradeThroughExempt	Trade through exempt. Trade ignored prices on away markets.
AV	QuoteSpread	Quote spread
AW	LastAuctionPrice	Last auction price. Trade represents outcome of last auction
AX	HighPrice	High price. Trade establishes new high price for the session
AY	LowPrice	Low price. Trade establishes new low price for the session
AZ	SystematicInternaliser	Systematic Internaliser (SI). Trade conducted by Systematic Internaliser (SI).
BA	AwayMarket	Away market. Trade conducted on away market
BB	MidpointPrice	Mid-point price. Trade represents current midpoint price
BC	TradedBeforeIssueDate	Traded before issue date. Trade conducted during subscription phase of new issue
BD	PreviousClosingPrice	Previous closing price. Trade represents closing price of previous business day
BE	NationalBestBidOffer	National Best Bid and Offer. Trade price within National Best Bid and Offer (NBBO)
0	Cancel	Cancel
1	ImpliedTrade	Implied Trade
2	MarketplaceEnteredTrade	Marketplace entered trade
3	MultiAssetClassMultilegTrade	Multi-asset class multileg trade
4	MultilegToMultilegTrade	Multileg-to-Multileg Trade
5	ShortSaleMinPrice	Short Sale Minimum Price
6	Benchmark	Benchmark. Market Model Typology (MMT) terminology: The "benchmark" price depends on a benchmark which has no current price but derived from a time series such as a VWAP.

Used in components: [MDStatisticParameters](#)

Used in groups: [MDFullGrp](#), [MDIncGrp](#)

### 170.2.5247 TradeConfirmationReferenceID

A reference or control identifier or number used as a trade confirmation key.

Type: **String**

Used in messages: **Confirmation**, **ConfirmationAck**

### 170.2.5248 TradeContingency

Indicates the contingency attribute for a trade in an asset class that may be contingent on the clearing of a corresponding paired trade (for example Exchange for Physical (EFP), Exchange for Swap (EFS), Exchange for Related (EFR) or Exchange for Option (EFO), collectively called EFRPs). Once the paired trade clears or fails to clear, the related trade (the trade which carries this attribute) ceases to exist.

Type: **int**

Allowed values in TradeContingencyCodeSet:

---

Code	Name	Description
0	DoesNotApply	Does not apply (default if not specified). The trade is for an asset class that is not traded with contingency.
1	ContingentTrade	Contingent trade. The trade is terminated as soon as its paired trade is cleared or denied clearing.
2	NonContingentTrade	Non-contingent trade. Identifies a trade that is not contingent but is for an asset class that may be contingent.

---

Used in messages: **TradeCaptureReport**

### 170.2.5249 TradeContinuation

Specifies the post-execution trade continuation or lifecycle event. Additional values may be used by mutual agreement of the counterparties.

Type: **int**

Allowed values in TradeContinuationCodeSet:

---

Code	Name	Description
0	Novation	Novation
1	PartialNovation	Partial novation
2	TradeUnwind	Trade unwind. "Trade" includes "Swaps".
3	PartialTradeUnwind	Partial trade unwind. "Trade" includes "Swaps".

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
4	Exercise	Exercise
5	Netting	Compression/Netting. Compression (used for OTC derivative trades) and Netting (used for Futures trades) are essentially the same business process, i.e. rolling up closely related contracts into a single trade or position.
6	FullNetting	Full netting
7	PartialNetting	Partial netting
8	Amendment	Amendment. Based on mutual agreement between the counterparties, used to change the original or previously amended contract terms reported to a trade repository.
9	Increase	Increase
10	CreditEvent	Credit event
11	StrategicRestructuring	Strategic restructuring
12	SuccessionEventReorganization	Succession event reorganization
13	SuccessionEventRenaming	Succession event renaming
14	Porting	Porting
15	Withdrawl	Withdrawal. One party withdrew from the trade prior to confirmation or clearing. Can be used with TradeReportTransType(487)=1 (Cancel).
16	Void	Void. Trade is to be ended after clearing. Can be used with TradeReportTransType(487)=1 (Cancel).
17	AccountTransfer	Account transfer
18	GiveUp	Give up
19	TakeUp	TakeUp
20	AveragePricing	Average pricing
21	Reversal	Reversal
22	AllocTrdPosting	Allocation/Trade posting
23	Cascade	Cascade. The breakdown of a contract position to a more granular level, e.g. from a yearly position to monthly positions.
24	Delivery	Delivery
25	OptionAsgn	Option assignment
26	Expiration	Expiration
27	Maturity	Maturity
28	EqualPosAdj	Equal position adjustment
29	UnequalPosAdj	Unequal position adjustment. An adjustment to either the long or short position quantity but not both.

Code	Name	Description
30	Correction	Correction. Used to correct an error in the contract terms of a previously submitted report to a trade repository.
31	EarlyTermination	Early termination. The transaction/contract has closed before its natural end (maturity date or end date).
32	Rerate	Rerate. Change in the repo rate of an open repo contract due to shift in the market conditions.
99	Other	Other price-forming continuation data. Other price-forming continuation data or lifecycle event. Include description of type in TradeContinuationText(2374).

Used in groups: [QuotReqGrp](#)

Used in messages: [AllocationInstruction](#), [AllocationReport](#), [Confirmation](#), [ExecutionReport](#), [Position-Report](#), [Quote](#), [QuoteResponse](#), [QuoteStatusReport](#), [TradeCaptureReport](#)

#### **170.2.5250 TradeContinuationText**

Free form text to specify additional trade continuation information or data.

Type: [String](#)

Used in groups: [QuotReqGrp](#)

Used in messages: [AllocationInstruction](#), [AllocationReport](#), [Confirmation](#), [ExecutionReport](#), [Position-Report](#), [Quote](#), [QuoteResponse](#), [QuoteStatusReport](#), [TradeCaptureReport](#)

#### **170.2.5251 TradeDate**

Indicates date of trading day. Absence of this field indicates current day (expressed in local time at place of trade).

Type: [LocalMktDate](#)

Used in components: [SettlTradeDetails](#)

Used in groups: [ListOrdGrp](#), [SideCrossOrdCxlGrp](#), [SideCrossOrdModGrp](#), [TrdCapDtGrp](#)

Used in messages: [Advertisement](#), [AllocationInstruction](#), [AllocationInstructionAck](#), [AllocationInstructionAlert](#), [AllocationInstructionAlertRequest](#), [AllocationReport](#), [AllocationReportAck](#), [BidRequest](#), [CollateralAssignment](#), [CollateralReport](#), [CollateralResponse](#), [Confirmation](#), [ConfirmationAck](#), [ExecutionReport](#), [ListCancelRequest](#), [MarketDataIncrementalRefresh](#), [MarketDataSnapshotFullRefresh](#), [MarketDataStatisticsReport](#), [MarketDataStatisticsRequest](#), [MultilegOrderCancelReplace](#), [NewOrderMultileg](#),

NewOrderSingle, OrderCancelReject, OrderCancelReplaceRequest, PositionTransferInstruction, PositionTransferReport, SecurityMassStatus, SecurityStatus, TradeCaptureReport, TradeCaptureReportAck, TradeMatchReport, TradingSessionStatus

### 170.2.5252 TradedFlatSwitch

Driver and part of trade in the event that the Security Master file was wrong at the point of entry (Note tag # was reserved in FIX 4.1, added in FIX 4.3)

Type: **Boolean**

Allowed values in TradedFlatSwitchCodeSet:

Code	Name	Description
N	NotTradedFlat	Not Traded Flat
Y	TradedFlat	Traded Flat

Used in messages: **ExecutionReport**

### 170.2.5253 TradeHandlingInstr

Specified how the TradeCaptureReport(35=AE) should be handled by the respondent.

Type: **char**

Allowed values in TradeHandlingInstrCodeSet:

Code	Name	Description
0	TradeConfirmation	Trade confirmation
1	TwoPartyReport	Two-party report
2	OnePartyReportForMatching	One-party report for matching
3	OnePartyReportForPassThrough	One-party report for pass through. Can be used when one of the parties to the trade submits a report which then has to be approved or confirmed by the other (counter)party.
4	AutomatedFloorOrderRouting	Automated floor order routing
5	TwoPartyReportForClaim	Two-party report for claim
6	OnePartyReport	One-party report



Code	Name	Description
7	ThirdPtyRptForPassThrough	Third-party report for pass through. Can be used when RootParties component contains a service provider role who submits the trade report and is not necessarily also on one side of the trade.
8	OnePartyReportAutoMatch	One-party report for auto-match. Indicates that the submission is a transfer trade to a firm or account that is part of the same corporate entity and that once validated the transfer should be automatically accepted without confirmation.

Used in messages: [TradeCaptureReport](#), [TradeCaptureReportAck](#), [TradeCaptureReportRequest](#)

#### **170.2.5254 TradeID**

The unique ID assigned to the trade entity once it is received or matched by the exchange or central counterparty.

Type: [String](#)

Used in groups: [ExecAllocGrp](#), [ExecutionAggregationGrp](#), [MDFullGrp](#), [MDIncGrp](#)

Used in messages: [TradeAggregationReport](#), [TradeCaptureReport](#), [TradeCaptureReportAck](#), [TradeCaptureReportRequest](#), [TradeCaptureReportRequestAck](#)

#### **170.2.5255 TradeInputDevice**

Specific device number, terminal number or station where trade was entered

Type: [String](#)

Used in groups: [TrdCapRptAckSideGrp](#), [TrdCapRptSideGrp](#), [TrdMatchSideGrp](#)

Used in messages: [AllocationReport](#), [TradeCaptureReportRequest](#)

#### **170.2.5256 TradeInputSource**

Type of input device or system from which the trade was entered.

Type: [String](#)

Used in components: [MDStatisticParameters](#)

Used in groups: [TrdCapRptAckSideGrp](#), [TrdCapRptSideGrp](#), [TrdMatchSideGrp](#)

Used in messages: [AllocationInstruction](#), [AllocationInstructionAlert](#), [AllocationReport](#), [TradeCaptureReportRequest](#)

### **170.2.5257 TradeLegRefID**

Reference to the leg of a multileg instrument to which this trade refers

Type: [String](#)

Used in messages: [TradeCaptureReport](#), [TradeCaptureReportAck](#)

### **170.2.5258 TradeLinkID**

Used to link a group of trades together.

Type: [String](#)

Used in messages: [TradeCaptureReport](#), [TradeCaptureReportAck](#), [TradeCaptureReportRequest](#)

### **170.2.5259 TradeMatchAckStatus**

Used to indicate the status of the trade match report submission.

Type: [int](#)

Allowed values in TradeMatchAckStatusCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	ReceivedNotProcessed	Received, not yet processed
1	Accepted	Accepted
2	Rejected	Rejected

---

Used in messages: [TradeMatchReportAck](#)

### **170.2.5260 TradeMatchRejectReason**

Reason the trade match report submission was rejected.

Type: [int](#)

Allowed values in TradeMatchRejectReasonCodeSet:

Code	Name	Description
0	Successful	Successful
1	InvalidPartyInformation	Invalid party information
2	UnknownInstrument	Unknown instrument
3	Unauthorized	Not authorized to report trades
4	InvalidTradeType	Invalid trade type
99	Other	Other

Used in messages: [TradeMatchReportAck](#)

### **170.2.5261 TradeMatchTimestamp**

Timestamp of the match event. For off-exchange trades the time at which the deal was matched by the exchange.

This timestamp will be the same on all the trades and will not change when a trade is modified.

Type: [UTCTimestamp](#)

Used in messages: [TradeMatchReport](#)

### **170.2.5262 TradeNumber**

Ordinal number of the trade within a series of related trades.

Type: [int](#)

Used in messages: [TradeCaptureReport](#)

### **170.2.5263 TradeOriginationDate**

Used with Fixed Income for Municipal New Issue Market. Agreement in principal between counter-parties prior to actual trade date.

(Note tag # was reserved in FIX 4.1, added in FIX 4.3)

(prior to FIX 4.4 field was of type UTCDate)

Type: [LocalMktDate](#)

Used in groups: [ListOrdGrp](#), [QuotReqGrp](#), [QuotReqRjctGrp](#), [SideCrossOrdCxlGrp](#), [SideCrossOrdModGrp](#)

Used in messages: [AllocationInstruction](#), [AllocationInstructionAlert](#), [AllocationReport](#), [ExecutionReport](#), [ListCancelRequest](#), [MultilegOrderCancelReplace](#), [NewOrderMultileg](#), [NewOrderSingle](#), [OrderCancelReject](#), [OrderCancelReplaceRequest](#)

### 170.2.5264 TradePositionQty

The TradePositionQty component block specifies, for a single trade side, the various types of position quantity in the position life-cycle including start-of-day, intraday, trade, adjustments, and end-of-day position quantities.

Name	Mult.	Type	Description
NoPositions	[1..1]	NumInGroup	
PosType	[0..1]	CodeSet	Required if NoPositions > 0.
LongQty	[0..1]	Qty	
ShortQty	[0..1]	Qty	
CoveredQty	[0..1]	Qty	
PosQtyStatus	[0..1]	CodeSet	
QuantityDate	[0..1]	LocalMktDate	

Used in groups: [TrdCapRptSideGrp](#)

### 170.2.5265 TradePriceCondition

Price conditions in effect at the time of the trade. Multiple price conditions can be in effect at the same time. Price conditions are usually required to be reported in markets that have regulations on price execution at a market or national best bid or offer, and the trade price differs from the best bid or offer.

Type: [int](#)

Allowed values in TradePriceConditionCodeSet:

Code	Name	Description
0	SpecialCumDividend	Special cum dividend (CD)
1	SpecialCumRights	Special cum rights (CR)
2	SpecialExDividend	Special ex dividend (XD)
3	SpecialExRights	Special ex rights (XR)

Code	Name	Description
4	SpecialCumCoupon	Special cum coupon (CC)
5	SpecialCumCapitalRepayments	Special cum capital repayments (CP)
6	SpecialExCoupon	Special ex coupon (XC)
7	SpecialExCapitalRepayments	Special ex capital repayments (XP)
8	CashSettlement	Cash settlement (CS)
9	SpecialCumBonus	Special cum bonus (CB)
10	SpecialPrice	Special price (SP). Usually net or all-in price.
11	SpecialExBonus	Special ex bonus (XB)
12	GuaranteedDelivery	Guaranteed delivery (GD)
13	SpecialDividend	Special dividend. Deviation from regular ex/cum treatment (without further specification) leading to price modification. To be used only if it is not clear whether it is a special cum or special ex dividend. For ESMA RTS 1, this is the "SDIV" flag.
14	PriceImprovement	Price improvement. The price is better than a reference price. For example, this may be due to an offer by a systematic internaliser to always quote better prices than a public reference price. For ESMA RTS 1, this is the "RPRI" flag.
15	NonPriceFormingTrade	Non-price forming trade. In the context of MiFID II, these are transactions which are exempted from the trading obligation (i.e. permitted to be transacted as an OTC transaction) and are deemed not to be contributing to the price discovery process. However, these transactions are not exempted from post trade transparency reporting and are required to be published by MiFID venues and "approved publication arrangement" (APAs) for market transparency purposes. The price from exempted transactions should be disregarded for the purposes of price discovery. For ESMA RTS 1 and RTS 2, this is the "NPFT" flag.
16	TradeExemptedFromTradingObligation	Trade exempted from trading obligation. Per MiFIR Article 23, these types of trades are not exempted from post-trade transparency if reported to a trading venue under MiFID II and deemed on exchange, however, they are ignored for price formation despite published by venue. For the UK implementation of MiFIR RTS 1, this is the "TNCP" flag.
17	PricePending	Price or strike price is pending. In the context of MiFIR RTS 1, RTS 2, and RTS 22, this is the "PNDG" flag.
18	PriceNotApplicable	Price is not applicable. In the context of MiFIR RTS 1, RTS 2, and RTS 22, this is the "NOAP" flag.

Used in groups: [TradePriceConditionGrp](#)

**170.2.5266 TradePriceConditionGrp**

Price conditions associated with a trade that impact trade price.

Name	Mult.	Type	Description
NoTradePriceConditions	[1..1]	NumInGroup	
TradePriceCondition	[0..1]	CodeSet	Required if NoTradePriceConditions(1838) > 0.

Used in groups: [ExecAllocGrp](#), [MDFullGrp](#), [MDIncGrp](#)

Used in messages: [ExecutionReport](#), [TradeCaptureReport](#)

**170.2.5267 TradePriceNegotiationMethod**

Method used for negotiation of contract price.

Type: [int](#)

Allowed values in TradePriceNegotiationMethodCodeSet:

Code	Name	Description
0	PercentPar	Percent of par
1	DealSpread	Deal spread
2	UpfrontPnts	Upfront points
3	UpfrontAmt	Upfront amount
4	ParUpfrontAmt	Percent of par and upfront amount
5	SpreadUpfrontAmt	Deal spread and upfront amount
6	UpfrontPntsAmt	Upfront points and upfront amount

Used in messages: [ExecutionReport](#), [NewOrderMultileg](#), [NewOrderSingle](#), [TradeCaptureReport](#)

**170.2.5268 TradePublishIndicator**

Indicates if a trade should be or has been published via a market publication service. The indicator governs all publication services of the recipient. Replaces PublishTrdIndicator(852).

Type: [int](#)

Allowed values in TradePublishIndicatorCodeSet:

---

Code	Name	Description
0	DoNotPublishTrade	Do Not Publish Trade
1	PublishTrade	Publish Trade
2	DeferredPublication	Deferred Publication
3	Published	Published. Indicates that the transaction has been published to the market.

---

Used in groups: [MDFullGrp](#), [MDIncGrp](#)

Used in messages: [AllocationInstruction](#), [ExecutionReport](#), [MultilegOrderCancelReplace](#), [NewOrderMultileg](#), [NewOrderSingle](#), [OrderCancelReplaceRequest](#), [TradeCaptureReport](#), [TradeCaptureReportAck](#)

### 170.2.5269 TradeQty

Trade quantity.

Type: [Qty](#)

Used in groups: [TradeQtyGrp](#)

### 170.2.5270 TradeQtyGrp

Quantities of the trade that have been processed and the type of processing that has occurred for that trade quantity.

---

Name	Mult.	Type	Description
<a href="#">NoTradeQtys</a>	[1..1]	NumInGroup	
<a href="#">TradeQtyType</a>	[0..1]	CodeSet	Required if NoTradeQty(1841) > 0.
<a href="#">TradeQty</a>	[0..1]	Qty	Required if NoTradeQty(1841) > 0.

---

Used in messages: [TradeCaptureReport](#), [TradeCaptureReportAck](#)

### 170.2.5271 TradeQtyType

Indicates the type of trade quantity in TradeQty(1843).

Type: [int](#)

Allowed values in TradeQtyTypeCodeSet:

Code	Name	Description
0	ClearedQuantity	Cleared quantity
1	LongSideClaimedQuantity	Long side claimed quantity
2	ShortSideClaimedQuantity	Short side claimed quantity
3	LongSideRejectedQuantity	Long side rejected quantity
4	ShortSideRejectedQuantity	Short side rejected quantity
5	PendingQuantity	Pending quantity
6	TransactionQuantity	Transaction quantity
7	RemainingQuantity	Remaining trade quantity. Used to indicate the remaining quantity of a trade after a give-up or posting action.
8	PreviousRemainingQuantity	Previous remaining trade quantity. Used to indicate the remaining quantity of a trade prior to a give-up or posting action.

---

Used in groups: [TradeQtyGrp](#)

#### **170.2.5272 TradeReportID**

Unique identifier of trade capture report

Type: [String](#)

Used in groups: [TrdCollGrp](#)

Used in messages: [TradeCaptureReport](#), [TradeCaptureReportAck](#), [TradeCaptureReportRequest](#)

#### **170.2.5273 TradeReportingIndicator**

Used between parties to convey trade reporting status.

Type: [int](#)

Allowed values in TradeReportingIndicatorCodeSet:



Code	Name	Description
0	NotReported	Trade has not (yet) been reported. Depending on the regulatory regime the trade is reportable and the recipient may be responsible for reporting.
1	OnBook	Trade has been or will be reported by a trading venue as an "on-book" trade
2	SISeller	Trade has or will be reported as a seller trade by the authorised reporter
3	SIBuyer	Trade has or will be reported as a buyer trade by the authorised reporter
4	NonSISeller	Trade has or will be reported as a seller trade by an entity other than the authorised reporter
5	SubDelegationByFirm	Trade has been or will be reported under a sub-delegation arrangement by an investment firm to a reporting facility (e.g. APA) on behalf of another investment firm
6	Reportable	Trade has been or will be reported. Depending on the regulatory regime the recipient is not responsible for reporting.
7	NonSIBuyer	Trade has been or will be reported as a buyer trade by an entity other than the authorised reporter
8	OffBook	Trade has been or will be reported by a trading venue as an "off-book" trade
9	NotReportable	Trade is not reportable. The (non-equity) instrument does not need to be reported by any party, e.g. because it is not deemed to have been traded on a trading venue.

Used in groups: [ExecAllocGrp](#)

Used in messages: [ExecutionReport](#), [NewOrderSingle](#), [TradeCaptureReport](#)

### 170.2.5274 TradeReportOrderDetail

Name	Mult.	Type	Description
<a href="#">OrderID</a>	[0..1]	String	
<a href="#">SecondaryOrderID</a>	[0..1]	String	
<a href="#">CLOrdID</a>	[0..1]	String	In the case of quotes can be mapped to QuoteMsgID(1166) of a single Quote(MsgType=S) or QuoteID(117) of a MassQuote(MsgType=i).

Name	Mult.	Type	Description
SecondaryClOrdID	[0..1]	String	In the case of quotes can be mapped to QuotID(117) of a single Quote(MsgType=S) or QuoteEntryID(299) of a MassQuote(MsgType=i).
ListID	[0..1]	String	
RefOrderID	[0..1]	String	Some hosts assign an order a new order id under special circumstances. The RefOrdID field will connect the same underlying order across changing OrderIDs.
RefOrderIDSource	[0..1]	CodeSet	
RefOrdIDReason	[0..1]	CodeSet	The reason for updating the RefOrdID
RelatedOrderGrp	[0..*]	Group	
PreTradeAnonymity	[0..1]	Boolean	
OrdType	[0..1]	CodeSet	Order type from the order associated with the trade
Price	[0..1]	Price	Order price at time of trade
StopPx	[0..1]	Price	Stop/Limit order price
ExecInst	[0..1]	CodeSet	Execution Instruction from the order associated with the trade
OrdStatus	[0..1]	CodeSet	Status of order as of this trade report
OrderQtyData	[0..1]	Component	Order quantity at time of trade
LeavesQty	[0..1]	Qty	
CumQty	[0..1]	Qty	
TimeInForce	[0..1]	CodeSet	
ExpireTime	[0..1]	UTCTimestamp	The order expiration date/time in UTC
MatchingInstructions	[0..*]	Group	
SelfMatchPreventionID	[0..1]	String	May be used as an alternative to MatchingInstructions when the identifier does not appear in another field.
SelfMatchPreventionInstruction	[0..1]	CodeSet	
ExposureDuration	[0..1]	int	The (minimum or suggested) period of time a quoted price is to be tradable before it becomes indicative. (i.e. quoted price becomes off-the-wire).
ExposureDurationUnit	[0..1]	CodeSet	
DisplayInstruction	[0..1]	Component	
OrderCapacity	[0..1]	CodeSet	
OrderRestrictions	[0..1]	CodeSet	

Name	Mult.	Type	Description
BookingType	[0..1]	CodeSet	
OrigCustOrderCapacity	[0..1]	CodeSet	
OrderOrigination	[0..1]	CodeSet	
OrderAttributeGrp	[0..*]	Group	
ExDestinationType	[0..1]	CodeSet	
OrderInputDevice	[0..1]	String	
LotType	[0..1]	CodeSet	
TransBkdTime	[0..1]	UTCTimestamp	
OrigOrdModTime	[0..1]	UTCTimestamp	
OrderPercentOfTotalVolume	[0..1]	Percentage	

Used in groups: [TrdCapRptAckSideGrp](#), [TrdCapRptSideGrp](#), [TrdMatchSideGrp](#)

### 170.2.5275 TradeReportRefID

Reference identifier used with CANCEL and REPLACE transaction types.

Type: [String](#)

Used in messages: [TradeCaptureReport](#), [TradeCaptureReportAck](#)

### 170.2.5276 TradeReportRejectReason

Reason Trade Capture Request was rejected.

100+ Reserved and available for bi-laterally agreed upon user-defined values.

Type: [int](#)

Allowed values in TradeReportRejectReasonCodeSet:

Code	Name	Description
0	Successful	Successful (default)
1	InvalidPartyInformation	Invalid party information
2	UnknownInstrument	Unknown instrument
3	UnauthorizedToReportTrades	Unauthorized to report trades
4	InvalidTradeType	Invalid trade type

---

Code	Name	Description
5	PriceExceedsCurrentPriceBand	Price exceeds current price band
6	ReferencePriceNotAvailable	Reference price not available
7	NotionalValueExceedsThreshold	Notional value exceeds threshold
99	Other	Other

---

Used in messages: [TradeCaptureReport](#), [TradeCaptureReportAck](#)

### 170.2.5277 TradeReportTransType

Identifies Trade Report message transaction type

(Prior to FIX 4.4 this field was of type char)

Type: [int](#)

Allowed values in TradeReportTransTypeCodeSet:

---

Code	Name	Description
0	New	New
1	Cancel	Cancel
2	Replace	Replace
3	Release	Release
4	Reverse	Reverse
5	CancelDueToBackOutOfTrade	Cancel Due To Back Out of Trade

---

Used in messages: [TradeCaptureReport](#), [TradeCaptureReportAck](#)

### 170.2.5278 TradeReportType

Type of Trade Report

Type: [int](#)

Allowed values in TradeReportTypeCodeSet:

Code	Name	Description
0	Submit	Submit
1	Alleged	Alleged
2	Accept	Accept
3	Decline	Decline
4	Addendum	Addendum. Used to provide material supplemental data to a previously submitted trade.
5	No	No/Was. Used to report a full replacement of a previously submitted trade.
6	TradeReportCancel	Trade Report Cancel
7	LockedIn	(Locked-In) Trade Break
8	Defaulted	Defaulted
9	InvalidCMTA	Invalid CMTA
10	Pended	Pended
11	AllegedNew	Alleged New
12	AllegedAddendum	Alleged Addendum
13	AllegedNo	Alleged No/Was
14	AllegedTradeReportCancel	Alleged Trade Report Cancel
15	AllegedTradeBreak	Alleged (Locked-In) Trade Break
16	Verify	Verify. Used in reports from a trading party to the SDR to confirm trade details. Omit RegulatoryReportType(1934).
17	Dispute	Dispute. Used in reports from a trading party to the SDR to dispute trade details. Omit RegulatoryReportType(1934).
18	NonMaterialUpdate	Non-material Update. Used to provide non-material supplemental data to a previously submitted trade.

---

Used in messages: [TradeCaptureReport](#), [TradeCaptureReportAck](#), [TradeMatchReport](#)

### **170.2.5279 TradeRequestID**

Trade Capture Report Request ID

Type: [String](#)

Used in messages: [TradeCaptureReport](#), [TradeCaptureReportRequest](#), [TradeCaptureReportRequestAck](#)

**170.2.5280 TradeRequestResult**

Result of Trade Request

Type: **int**

Allowed values in TradeRequestResultCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	Successful	Successful (default)
1	InvalidOrUnknownInstrument	Invalid or unknown instrument
2	InvalidTypeOfTradeRequested	Invalid type of trade requested
3	InvalidParties	Invalid parties
4	InvalidTransportTypeRequested	Invalid transport type requested
5	InvalidDestinationRequested	Invalid destination requested
8	TradeRequestTypeNotSupported	TradeRequestType not supported
9	NotAuthorized	Not authorized
99	Other	Other

---

Used in messages: **TradeCaptureReportRequestAck**

**170.2.5281 TradeRequestStatus**

Status of Trade Request.

Type: **int**

Allowed values in TradeRequestStatusCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	Accepted	Accepted
1	Completed	Completed
2	Rejected	Rejected

---

Used in messages: **TradeCaptureReportRequestAck**

**170.2.5282 TradeRequestType**

Type of Trade Capture Report.

Type: **int**

Allowed values in TradeRequestTypeCodeSet:

---

Code	Name	Description
0	AllTrades	All Trades
1	MatchedTradesMatchingCriteria	Matched trades matching criteria provided on request (Parties, ExecID, TradeID, OrderID, Instrument, InputSource, etc.)
2	UnmatchedTradesThatMatchCriteria	Unmatched trades that match criteria
3	UnreportedTradesThatMatchCriteria	Unreported trades that match criteria
4	AdvisoriesThatMatchCriteria	Advisories that match criteria

---

Used in messages: **TradeCaptureReportRequest**, **TradeCaptureReportRequestAck**

**170.2.5283 TradeVersion**

Specifies the version of a trade or contract. This is used by systems or trading platforms in conjunction with TradeID(1003) to uniquely identify the version of a trade or contract. If used the conditions for a change of version are subject to bilateral agreement. It is recommended to change the version only for significant updates to the business entity rather than for minor changes to trade details or systematic distribution of reports. Examples where the version would change are trade quantity modification, customer account assignment or trade novation.

Type: **String**

Used in messages: **TradeCaptureReport**

**170.2.5284 TradeVolType**

Define the type of trade volume applicable for the MinTradeVol(562) and MaxTradeVol(1140)

Type: **int**

Allowed values in TradeVolTypeCodeSet:

---

Code	Name	Description
0	NumberOfUnits	Number of units (e.g. share, par, currency, contracts) (default)
1	NumberOfRoundLots	Number of round lots

---

Used in components: [BaseTradingRules](#)

### 170.2.5285 TradeVolume

Used to report volume with a trade

Type: [Qty](#)

Used in groups: [MDFullGrp](#), [MDIncGrp](#)

### 170.2.5286 TradingBusinessDays

Number of actual trading business days of an instrument.

Type: [int](#)

Used in groups: [ClearingPriceParametersGrp](#)

### 170.2.5287 TradingCapacity

Designates the capacity in which the order is submitted for trading by the market participant.

Type: [int](#)

Allowed values in TradingCapacityCodeSet:

---

Code	Name	Description
1	Customer	Customer
2	CustomerProfessional	Customer professional
3	BrokerDealer	Broker-dealer
4	CustomerBrokerDealer	Customer broker-dealer
5	Principal	Principal
6	MarketMaker	Market maker
7	AwayMarketMaker	Away market maker
8	SystematicInternaliser	Systematic internaliser

---



Code	Name	Description
------	------	-------------

Used in components: [MDStatisticParameters](#)

Used in messages: [CrossOrderCancelReplaceRequest](#), [ExecutionReport](#), [MassOrder](#), [MassOrderAck](#), [MultilegOrderCancelReplace](#), [NewOrderCross](#), [NewOrderMultileg](#), [NewOrderSingle](#), [OrderCancelReplaceRequest](#)

### 170.2.5288 TradingCurrency

Used when the trading currency can differ from the price currency

Type: [Currency](#)

Used in components: [BaseTradingRules](#)

### 170.2.5289 TradingCurrencyCodeSource

Identifies class or source of the TradingCurrency(1245) value.

Type: [String](#)

Allowed values in CurrencyCodeSourceCodeSet:

Code	Name	Description
1	CUSIP	CUSIP
2	SEDOL	SEDOL
4	ISINNumber	ISIN
6	ISOCurrencyCode	ISO Currency Code (ISO 4217)
S	FinancialInstrumentGlobalIdentifier	Financial Instrument Global Identifier. An Object Management Group (OMG) standard. Also referred to as FIGI. Formerly known as "Bloomberg Open Symbology BBGID".
Y	DigitalTokenIdentifier	Digital Token Identifier (ISO 24165)

Used in components: [BaseTradingRules](#)

**170.2.5290 TradingReferencePrice**

Reference price for the current trading price range usually representing the mid price between the HighLimitPrice and LowLimitPrice. The value may be the settlement price or closing price of the prior trading day.

Type: **Price**

Used in components: **PriceLimits**

**170.2.5291 TradingSessionDesc**

Trading Session description

Type: **String**

Used in groups: **TrdSessLstGrp**

**170.2.5292 TradingSessionID**

Identifier for a trading session.

A trading session spans an extended period of time that can also be expressed informally in terms of the trading day. Usage is determined by market or counterparties.

To specify good for session where session spans more than one calendar day, use TimeInForce = 0 (Day) in conjunction with TradingSessionID(336).

Bilaterally agreed values of data type "String" that start with a character can be used for backward compatibility.

Type: **String**

Allowed values in TradingSessionIDCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
1	Day	Day
2	HalfDay	HalfDay
3	Morning	Morning
4	Afternoon	Afternoon
5	Evening	Evening
6	AfterHours	After-hours

---

Code	Name	Description
7	Holiday	Holiday

Used in components: [MDStatisticParameters](#)

Used in groups: [BidCompReqGrp](#), [BidCompRspGrp](#), [MDFullGrp](#), [MDIncGrp](#), [QuotEntryAckGrp](#), [QuotEntryGrp](#), [QuotReqGrp](#), [QuotReqRjctGrp](#), [RFQReqGrp](#), [TradingSessionRulesGrp](#), [TrdCapRptAckSideGrp](#), [TrdCapRptSideGrp](#), [TrdSessLstGrp](#), [TrdgSesGrp](#)

Used in messages: [Advertisement](#), [AllocationInstruction](#), [AllocationInstructionAlert](#), [AllocationReport](#), [CollateralAssignment](#), [CollateralInquiry](#), [CollateralInquiryAck](#), [CollateralReport](#), [CollateralRequest](#), [DerivativeSecurityListRequest](#), [ExecutionReport](#), [OrderMassActionReport](#), [OrderMassActionRequest](#), [OrderMassCancelReport](#), [OrderMassCancelRequest](#), [OrderMassStatusRequest](#), [Quote](#), [QuoteCancel](#), [QuoteResponse](#), [QuoteStatusReport](#), [QuoteStatusRequest](#), [SecurityDefinitionRequest](#), [SecurityListRequest](#), [SecurityMassStatus](#), [SecurityMassStatusRequest](#), [SecurityStatus](#), [SecurityStatusRequest](#), [SecurityTypeRequest](#), [SecurityTypes](#), [TradeCaptureReportRequest](#), [TradeMatchReport](#), [TradingSessionListRequest](#), [TradingSessionStatus](#), [TradingSessionStatusRequest](#)

### 170.2.5293 TradingSessionRules

Name	Mult.	Type	Description
<a href="#">OrdTypeRules</a>	[0..*]	Group	Specifies the order types that are valid for trading. The scope of the rule is determined by the context in which the component is used. In this case, the scope is trading session.
<a href="#">TimeInForceRules</a>	[0..*]	Group	Specifies the time in force rules that are valid for trading. The scope of the rule is determined by the context in which the component is used. In this case, the scope is trading session.
<a href="#">ExecInstRules</a>	[0..*]	Group	Specifies the execution instructions that are valid for trading. The scope of the rule is determined by the context in which the component is used. In this case, the scope is trading session.
<a href="#">AuctionTypeRuleGrp</a>	[0..*]	Group	Specifies the auction order types that are valid for trading on the identified. The scope of the rule is determined by the context in which the component is used. In this case, the scope is trading session.

Name	Mult.	Type	Description
MatchRules	[0..*]	Group	Specifies the matching rules that are valid for trading. The scope of the rule is determined by the context in which the component is used. In this case, the scope is trading session.
MarketDataFeedTypes	[0..*]	Group	Specifies the market data feed types that are valid for trading. The scope of the rule is determined by the context in which the component is used. In this case, the scope is trading session.

Used in groups: [TradingSessionRulesGrp](#), [TrdSessLstGrp](#)

### 170.2.5294 TradingSessionRulesGrp

Name	Mult.	Type	Description
NoTradingSessionRules	[1..1]	NumInGroup	Allows trading rules to be expressed by trading session
TradingSessionID	[0..1]	CodeSet	Identifier for the trading session. Must be provided if NoTradingSessions > 0. Set to [N/A] if values are not specific to trading session
TradingSessionSubID	[0..1]	CodeSet	Identifier for the trading session. Set to [N/A] if values are not specific to trading session sub id
TradingSessionRules	[0..1]	Component	Contains trading rules specified at the trading session level

Used in components: [SecurityTradingRules](#)

### 170.2.5295 TradingSessionSubID

Optional market assigned sub identifier for a trading phase within a trading session. Usage is determined by market or counterparties. Used by US based futures markets to identify exchange specific execution time bracket codes as required by US market regulations. Bilaterally agreed values of data type "String" that start with a character can be used for backward compatibility

Type: [String](#)

Allowed values in TradingSessionSubIDCodeSet:

Code	Name	Description
1	PreTrading	Pre-Trading
2	OpeningOrOpeningAuction	Opening or opening auction
3	Continuous	(Continuous) Trading
4	ClosingOrClosingAuction	Closing or closing auction
5	PostTrading	Post-Trading
6	ScheduledIntradayAuction	Scheduled intraday auction
7	Quiescent	Quiescent
8	AnyAuction	Any auction
9	UnscheduledIntradayAuction	Unscheduled intraday auction. An unscheduled intraday auction might be triggered by a circuit breaker.
10	OutOfMainSessionTrading	Out of main session trading. In the context of Market Model Typology "Out of main session trading" refers to both before and after session, neither auction nor continuous trading.
11	PrivateAuction	Private auction. An auction phase where only two parties participate.
12	PublicAuction	Public auction. An auction phase where all trading parties participate.
13	GroupAuction	Group auction. An auction phase limited to specific parties (e.g. parties that have resting orders in the order book).
14	OrderInitiatedAuction	Order initiated auction. Auction automatically triggered by an order, e.g. an incoming order or a resting order that can be matched based on an incoming order. Use 9="Unscheduled intraday auction" for any other auctions that are not scheduled. In the context of Market Model Topology, this can be used for an on demand auction (a.k.a. frequent batched auction).

Used in components: [MDStatisticParameters](#)

Used in groups: [BidCompReqGrp](#), [BidCompRspGrp](#), [MDFullGrp](#), [MDIncGrp](#), [QuotEntryAckGrp](#), [QuotEntryGrp](#), [QuotReqGrp](#), [QuotReqRjctGrp](#), [RFQReqGrp](#), [TradingSessionRulesGrp](#), [TrdCapRptAckSideGrp](#), [TrdCapRptSideGrp](#), [TrdSessLstGrp](#), [TrdgSesGrp](#)

Used in messages: [Advertisement](#), [AllocationInstruction](#), [AllocationInstructionAlert](#), [AllocationReport](#), [CollateralAssignment](#), [CollateralInquiry](#), [CollateralInquiryAck](#), [CollateralReport](#), [CollateralRequest](#), [DerivativeSecurityListRequest](#), [ExecutionReport](#), [OrderMassActionReport](#), [OrderMassActionRequest](#), [OrderMassCancelReport](#), [OrderMassCancelRequest](#), [OrderMassStatusRequest](#), [Quote](#), [QuoteCancel](#), [QuoteResponse](#), [QuoteStatusReport](#), [QuoteStatusRequest](#), [SecurityDefinitionRequest](#), [SecurityListRequest](#), [SecurityMassStatus](#), [SecurityMassStatusRequest](#), [SecurityStatus](#), [SecurityStatusRequest](#), [Se-](#)

[curityTypeRequest](#), [SecurityTypes](#), [TradeCaptureReportRequest](#), [TradeMatchReport](#), [TradingSessionListRequest](#), [TradingSessionStatus](#), [TradingSessionStatusRequest](#)

### **170.2.5296 TradingUnitPeriodMultiplier**

Indicates the number of contract periods associated with the minimum trading unit for a given contract duration resulting in the number of total traded contracts.

Type: [int](#)

Used in components: [Instrument](#)

### **170.2.5297 TradSesCloseTime**

Closing time of the trading session

Type: [UTCTimestamp](#)

Used in groups: [TrdSessLstGrp](#)

Used in messages: [TradingSessionStatus](#)

### **170.2.5298 TradSesControl**

Indicates how control of trading session and subsession transitions are performed.

Type: [int](#)

Allowed values in TradSesControlCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	Automatic	Automatic (Default)
1	Manual	Manual

---

Used in messages: [TradingSessionStatus](#)

### **170.2.5299 TradSesEndTime**

End time of the trading session

Type: [UTCTimestamp](#)

Used in groups: [TrdSessLstGrp](#)

Used in messages: [TradingSessionStatus](#)

### 170.2.5300 TradSesEvent

Identifies an event related to a TradSesStatus(340). An event occurs and is gone, it is not a state that applies for a period of time.

Type: [int](#)

Allowed values in TradSesEventCodeSet:

Code	Name	Description
0	TradingResumes	Trading resumes (after Halt)
1	ChangeOfTradingSession	Change of Trading Session
2	ChangeOfTradingSubsession	Change of Trading Subsession
3	ChangeOfTradingStatus	Change of Trading Status

Used in messages: [TradingSessionStatus](#)

### 170.2.5301 TradSesMethod

Method of trading

Type: [int](#)

Allowed values in TradSesMethodCodeSet:

Code	Name	Description
1	Electronic	Electronic
2	OpenOutcry	Open Outcry
3	TwoParty	Two Party
4	Voice	Voice

Used in components: [MDStatisticParameters](#)

Used in groups: [TrdSessLstGrp](#)

Used in messages: [TradingSessionListRequest](#), [TradingSessionStatus](#), [TradingSessionStatusRequest](#)

**170.2.5302 TradSesMode**

Trading Session Mode

Type: **int**

Allowed values in TradSesModeCodeSet:

Code	Name	Description
1	Testing	Testing
2	Simulated	Simulated
3	Production	Production

Used in groups: **TrdSessLstGrp**

Used in messages: **TradingSessionListRequest, TradingSessionStatus, TradingSessionStatusRequest**

**170.2.5303 TradSesOpenTime**

Time of the opening of the trading session

Type: **UTCTimestamp**

Used in groups: **TrdSessLstGrp**

Used in messages: **TradingSessionStatus**

**170.2.5304 TradSesPreCloseTime**

Time of the pre-closed of the trading session

Type: **UTCTimestamp**

Used in groups: **TrdSessLstGrp**

Used in messages: **TradingSessionStatus**

**170.2.5305 TradSesReqID**

Unique ID of a Trading Session Status message.

Type: **String**

Used in messages: **TradingSessionList, TradingSessionListRequest, TradingSessionListUpdateReport, TradingSessionStatus, TradingSessionStatusRequest**



**170.2.5306 TradSesStartTime**

Starting time of the trading session

Type: [UTCTimestamp](#)

Used in groups: [TrdSessLstGrp](#)

Used in messages: [TradingSessionStatus](#)

**170.2.5307 TradSesStatus**

State of the trading session.

Type: [int](#)

Allowed values in TradSesStatusCodeSet:

---

Code	Name	Description
0	Unknown	Unknown
1	Halted	Halted
2	Open	Open
3	Closed	Closed
4	PreOpen	Pre-Open
5	PreClose	Pre-Close
6	RequestRejected	Request Rejected

---

Used in groups: [TrdSessLstGrp](#)

Used in messages: [TradingSessionStatus](#)

**170.2.5308 TradSesStatusRejReason**

Indicates the reason a Trading Session Status Request was rejected.

Type: [int](#)

Allowed values in TradSesStatusRejReasonCodeSet:

---

Code	Name	Description
1	UnknownOrInvalidTradingSessionID	Unknown or invalid TradingSessionID

---

---

Code	Name	Description
99	Other	Other

---

Used in groups: [TrdSessLstGrp](#)

Used in messages: [TradingSessionStatus](#)

### 170.2.5309 TradSesUpdateAction

Specifies the action taken for the specified trading sessions.

Type: [char](#)

Allowed values in SecurityUpdateActionCodeSet:

---

Code	Name	Description
A	Add	Add
D	Delete	Delete
M	Modify	Modify

---

Used in groups: [TrdSessLstGrp](#)

### 170.2.5310 TransactionAttributeGrp

The TransactionAttributeGrp component block is a repeating group that may be used to provide additional transaction attributes for the trade and other post-trade events.

---

Name	Mult.	Type	Description
<a href="#">NoTransactionAttributes</a>	[1..1]	NumInGroup	
<a href="#">TransactionAttributeType</a>	[0..1]	CodeSet	Required if <a href="#">NoTransactionAttributes(2871)</a> > 0.
<a href="#">TransactionAttributeValue</a>	[0..1]	String	

---

Used in messages: [CollateralReport](#), [PositionReport](#), [TradeCaptureReport](#)

**170.2.5311 TransactionAttributeType**

Type of attribute(s) or characteristic(s) associated with the transaction.

Type: **int**

Allowed values in TransactionAttributeTypeCodeSet:

---

Code	Name	Description
0	ExclusiveArrangement	Exclusive arrangement. In the context of securities borrowing and lending transaction, an indication of whether the borrower has exclusive access to borrow from the lender's securities portfolio. Not applicable to commodities. TransactionAttributeValue(2873) takes Y or N value.
1	CollateralReuse	Collateral reuse. Indication of whether the collateral taker can reuse the securities provided as collateral for the transaction. TransactionAttributeValue(tbd2873) takes Y or N value.
2	CollateralArrangementType	Collateral arrangement type. In the context of securities financing transactions, indicates the type of collateral arrangement. For EU SFTR reporting, TransactionAttributeValue(2873) may take ESMA assigned values "TTCA" (title transfer), "SICA" (securities financial interest), or "SIUR" (securities financial interest with right of use).

---

Used in groups: **TransactionAttributeGrp**

**170.2.5312 TransactionAttributeValue**

Value associated with the specified TransactionAttributeType(2872).

Type: **String**

Used in groups: **TransactionAttributeGrp**

**170.2.5313 TransactionID**

The unique transaction entity identifier.

Type: **String**

Used in messages: **CollateralAssignment, CollateralReport, CollateralResponse**

**170.2.5314 TransactTime**

Timestamp when the business transaction represented by the message occurred.

Type: **UTCTimestamp**

Used in groups: **ListOrdGrp, MDIncGrp, QuotEntryAckGrp, QuotEntryGrp, QuotReqGrp, QuotReqRjctGrp, SecTypesGrp, TrdCapDtGrp, TrdSessLstGrp**

Used in messages: **AccountSummaryReport, Advertisement, AllocationInstruction, AllocationInstructionAck, AllocationInstructionAlert, AllocationReport, AllocationReportAck, CollateralAssignment, CollateralReport, CollateralReportAck, CollateralRequest, CollateralResponse, Confirmation, ConfirmationAck, ConfirmationRequest, ContraryIntentionReport, CrossOrderCancelReplaceRequest, CrossOrderCancelRequest, DerivativeSecurityList, DerivativeSecurityListUpdateReport, ExecutionReport, IOI, ListCancelRequest, ListExecute, ListStatus, MarginRequirementInquiry, MarginRequirementInquiryAck, MarginRequirementReport, MarketDataReport, MarketDataStatisticsReport, MarketDataStatisticsRequest, MarketDefinition, MarketDefinitionUpdateReport, MassOrder, MassOrderAck, MultilegOrderCancelReplace, NewOrderCross, NewOrderMultileg, NewOrderSingle, OrderCancelReject, OrderCancelReplaceRequest, OrderCancelRequest, OrderMassActionReport, OrderMassActionRequest, OrderMassCancelReport, OrderMassCancelRequest, PartyActionReport, PartyActionRequest, PartyDetailsListReport, PartyDetailsListUpdateReport, PartyEntitlementsReport, PartyEntitlementsUpdateReport, PartyRiskLimitCheckRequest, PartyRiskLimitCheckRequestAck, PartyRiskLimitsReport, PartyRiskLimitsReportAck, PartyRiskLimitsUpdateReport, PayManagementReport, PayManagementRequest, PositionMaintenanceReport, PositionMaintenanceRequest, PositionReport, PositionTransferInstruction, PositionTransferInstructionAck, PositionTransferReport, Quote, QuoteResponse, QuoteStatusReport, RequestForPositions, SecurityDefinition, SecurityDefinitionUpdateReport, SecurityList, SecurityListUpdateReport, SecurityMassStatus, SecurityStatus, SettlementInstructionRequest, SettlementInstructions, SettlementObligationReport, SettlementStatusReport, SettlementStatusRequest, TradeCaptureReport, TradeCaptureReportAck, TradeMatchReport, TradingSessionStatus**

**170.2.5315 TransBkdTime**

For CIV A date and time stamp to indicate the time a CIV order was booked by the fund manager.

For derivatives a date and time stamp to indicate when this order was booked with the agent prior to submission to the VMU. Indicates the time at which the order was finalized between the buyer and seller prior to submission.

Type: **UTCTimestamp**

Used in components: **TradeReportOrderDetail**

Used in groups: [MDIncGrp](#)

Used in messages: [CrossOrderCancelReplaceRequest](#), [ExecutionReport](#), [NewOrderCross](#)

### **170.2.5316 TransferID**

The unique identifier assigned to the transfer entity once it is received, for example, by the CCP or the party governing the transfer process. Generally this same identifier for the transfer is used by all parties involved.

Type: [String](#)

Used in messages: [PositionTransferInstruction](#), [PositionTransferInstructionAck](#), [PositionTransferReport](#)

### **170.2.5317 TransferInstructionID**

Unique identifier for the transfer instruction assigned by the submitter.

Type: [String](#)

Used in messages: [PositionTransferInstruction](#), [PositionTransferInstructionAck](#), [PositionTransferReport](#)

### **170.2.5318 TransferReason**

Reason trade is being transferred

Type: [String](#)

Used in messages: [TradeCaptureReport](#), [TradeCaptureReportAck](#), [TradeCaptureReportRequest](#)

### **170.2.5319 TransferRejectReason**

Reason the transfer instruction was rejected.

Type: [int](#)

Allowed values in TransferRejectReasonCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	Success	Success

---

---

Code	Name	Description
1	InvalidParty	Invalid party
2	UnknownInstrument	Unknown instrument
3	UnauthorizedToSubmitXfer	Not authorized to submit transfers
4	UnknownPosition	Unknown position
99	Other	Other

---

Used in messages: [PositionTransferInstructionAck](#), [PositionTransferReport](#)

### **170.2.5320 TransferReportID**

Unique identifier for the transfer report message.

Type: [String](#)

Used in messages: [PositionTransferReport](#)

### **170.2.5321 TransferReportType**

Indicates the type of transfer report.

Type: [int](#)

Allowed values in TransferReportTypeCodeSet:

---

Code	Name	Description
0	Submit	Submit
1	Alleged	Alleged

---

Used in messages: [PositionTransferReport](#)

### **170.2.5322 TransferScope**

Indicates the type of transfer.

Type: [int](#)

Allowed values in TransferScopeCodeSet:

---

Code	Name	Description
0	InterFirmTransfer	Inter-firm transfer
1	IntraFirmTransfer	Intra-firm transfer
2	CMTA	Clearing Member Trade Assignment

---

Used in messages: [PositionTransferInstruction](#), [PositionTransferInstructionAck](#), [PositionTransferReport](#)

### 170.2.5323 TransferStatus

Status of the transfer.

Type: [int](#)

Allowed values in TransferStatusCodeSet:

---

Code	Name	Description
0	Received	Received
1	RejectedByIntermediary	Rejected by intermediary
2	AcceptPending	Accept pending
3	Accepted	Accepted
4	Declined	Declined
5	Cancelled	Cancelled

---

Used in messages: [PositionTransferInstructionAck](#), [PositionTransferReport](#)

### 170.2.5324 TransferTransType

Indicates the type of transfer transaction.

Type: [int](#)

Allowed values in TransferTransTypeCodeSet:

---

Code	Name	Description
0	New	New
1	Replace	Replace

---

---

Code	Name	Description
2	Cancel	Cancel

---

Used in messages: [PositionTransferInstruction](#), [PositionTransferInstructionAck](#), [PositionTransferReport](#)

### 170.2.5325 TransferType

Indicates the type of transfer request.

Type: [int](#)

Allowed values in TransferTypeCodeSet:

---

Code	Name	Description
0	RequestTransfer	Request transfer
1	AcceptTransfer	Accept transfer
2	DeclineTransfer	Decline transfer

---

Used in messages: [PositionTransferInstruction](#), [PositionTransferInstructionAck](#)

### 170.2.5326 TrdAckStatus

Used to indicate the status of the trade submission (not the trade report)

Type: [int](#)

Allowed values in TrdAckStatusCodeSet:

---

Code	Name	Description
0	Accepted	Accepted
1	Rejected	Rejected
2	Received	Received

---

Used in messages: [TradeCaptureReportAck](#)



**170.2.5327 TrdAllocGrp**

<b>Name</b>	<b>Mult.</b>	<b>Type</b>	<b>Description</b>
NoAllocs	[1..1]	NumInGroup	
AllocAccount	[0..1]	String	Required if NoAllocs(78) > 0.
AllocAcctIDSource	[0..1]	CodeSet	
AllocSettlCurrency	[0..1]	Currency	
AllocSettlCurrencyCodeSource	[0..1]	CodeSet	
IndividualAllocID	[0..1]	String	
ParentAllocID	[0..1]	String	
AllocLegRefID	[0..1]	String	The field may not be used in any message where there are no legs.
AllocRegulatoryTradeIDGrp	[0..*]	Group	
FirmMnemonic	[0..1]	String	
NestedParties2	[0..*]	Group	
AllocHandlInst	[0..1]	CodeSet	
AllocQty	[0..1]	Qty	
AllocCalculatedCcyQty	[0..1]	Qty	
CustodialLotID	[0..1]	String	Only used for specific lot trades.
VersusPurchaseDate	[0..1]	LocalMktDate	Only used for specific lot trades. If this field is used, either VersusPurchasePrice(1754) or CurrentCostBasis(1755) should be specified.
VersusPurchasePrice	[0..1]	Price	Only used for specific lot trades. If this field is used, VersusPurchaseDate(1753) should be specified.
CurrentCostBasis	[0..1]	Amt	Only used for specific lot trades. If this field is used, VersusPurchaseDate(1753) should be specified
AllocCustomerCapacity	[0..1]	String	Can be used for granular reporting of separate allocation detail within a single trade report or allocation message.
AllocMethod	[0..1]	CodeSet	
SecondaryIndividualAllocID	[0..1]	String	
AllocClearingFeeIndicator	[0..1]	String	
TradeAllocAmtGrp	[0..*]	Group	
TradeAllocStatus	[0..1]	CodeSet	
AllocationRollupInstruction	[0..1]	CodeSet	

Name	Mult.	Type	Description
AllocText	[0..1]	String	
EncodedAllocTextLen	[0..1]	Length	
EncodedAllocText	[0..1]	data	
FirmAllocText	[0..1]	String	
EncodedFirmAllocTextLen	[0..1]	Length	
EncodedFirmAllocText	[0..1]	data	
AllocRefRiskLimitCheckID	[0..1]	String	
AllocRefRiskLimitCheckIDType	[0..1]	CodeSet	
AllocCommissionDataGrp	[0..*]	Group	

Used in groups: [TrdCapRptAckSideGrp](#), [TrdCapRptSideGrp](#), [TrdMatchSideGrp](#)

### 170.2.5328 TrdCapDtGrp

Name	Mult.	Type	Description
NoDates	[1..1]	NumInGroup	Number of date ranges provided (must be 1 or 2 if specified)
TradeDate	[0..1]	LocalMktDate	Used when reporting other than current day trades. Conditionally required if NoDates > 0
LastUpdateTime	[0..1]	UTCTimestamp	
TransactTime	[0..1]	UTCTimestamp	To request trades for a specific time.

Used in messages: [TradeCaptureReportRequest](#)

### 170.2.5329 TrdCapRptAckSideGrp

Name	Mult.	Type	Description
NoSides	[1..1]	CodeSet	
Side	[1..1]	CodeSet	Required when NoSides(552) > 0.
SideExecID	[0..1]	String	
SideTradeID	[0..1]	String	
SideOrigTradeID	[0..1]	String	

Name	Mult.	Type	Description
OrderDelay	[0..1]	int	
OrderDelayUnit	[0..1]	CodeSet	
Parties	[0..*]	Group	
Account	[0..1]	String	
AcctIDSource	[0..1]	CodeSet	
AccountType	[0..1]	CodeSet	
LimitAmts	[0..*]	Group	Insert here the set of "LimitAmts" field defined in "Common Components"
ProcessCode	[0..1]	CodeSet	
OddLot	[0..1]	CodeSet	
ClrInstGrp	[0..*]	Group	
SideTradeReportingIndicator	[0..1]	CodeSet	
TradeInputSource	[0..1]	String	
TradeInputDevice	[0..1]	String	
ComplianceID	[0..1]	String	
ComplianceText	[0..1]	String	
EncodedComplianceTextLen	[0..1]	Length	Must be set if EncodedComplianceText(2352) field is specified and must immediately precede it.
EncodedComplianceText	[0..1]	data	Encoded (non-ASCII characters) representation of the ComplianceText(2404) field in the encoded format specified via the MessageEncoding(347) field.
SolicitedFlag	[0..1]	CodeSet	
CustOrderCapacity	[0..1]	CodeSet	
TradingSessionID	[0..1]	CodeSet	
TradingSessionSubID	[0..1]	CodeSet	
TimeBracket	[0..1]	String	
NetGrossInd	[0..1]	CodeSet	
SideCurrency	[0..1]	Currency	
SideCurrencyCodeSource	[0..1]	CodeSet	
SideSettlCurrency	[0..1]	Currency	
SideSettlCurrencyCodeSource	[0..1]	CodeSet	
CommissionData	[0..1]	Component	
CommissionDataGrp	[0..*]	Group	Use as an alternative to CommissionData if multiple commissions or enhanced attributes are needed.

Name	Mult.	Type	Description
NumDaysInterest	[0..1]	int	
ExDate	[0..1]	LocalMktDate	
AccruedInterestRate	[0..1]	Percentage	
AccruedInterestAmt	[0..1]	Amt	
InterestAtMaturity	[0..1]	Amt	
EndAccruedInterestAmt	[0..1]	Amt	
StartCash	[0..1]	Amt	
EndCash	[0..1]	Amt	
Concession	[0..1]	Amt	
TotalTakedown	[0..1]	Amt	
NetMoney	[0..1]	Amt	
SettlCurrAmt	[0..1]	Amt	
SettlCurrFxRate	[0..1]	float	
SettlCurrFxRateCalc	[0..1]	CodeSet	
PositionEffect	[0..1]	CodeSet	
SideMultiLegReportingType	[0..1]	CodeSet	
ContAmtGrp	[0..*]	Group	
Stipulations	[0..*]	Group	
MiscFeesGrp	[0..*]	Group	
ExchangeRule	[0..1]	String	
SettlDetails	[0..*]	Group	Conveys settlement account details reported as part of obligation.
TradeAllocIndicator	[0..1]	CodeSet	
AllocGroupID	[0..1]	String	
PreviousAllocGroupID	[0..1]	String	Identifies the previous AllocGroupID(1730) being changed when AllocGroupStatus(2767)=3 (Changed).
GroupAmount	[0..1]	Amt	
AllocGroupStatus	[0..1]	CodeSet	
SideAvgPxIndicator	[0..1]	CodeSet	
SideAvgPxGroupID	[0..1]	String	
SideAvgPx	[0..1]	Price	
PreallocMethod	[0..1]	CodeSet	
AllocID	[0..1]	String	
TrdAllocGrp	[0..*]	Group	

Name	Mult.	Type	Description
SideGrossTradeAmt	[0..1]	Amt	
AggressorIndicator	[0..1]	CodeSet	
SideLastQty	[0..1]	Qty	
SideTradeReportID	[0..1]	String	
SideFillStationCd	[0..1]	String	
SideReasonCd	[0..1]	String	
RptSeq	[0..1]	int	
SideTrdSubType	[0..1]	CodeSet	
OrderCategory	[0..1]	CodeSet	
StrategyLinkID	[0..1]	String	
TradeReportOrderDetail	[0..1]	Component	Details of the order associated with this side of the trade.
SideTrdRegTS	[0..*]	Group	
CustOrderHandlingInst	[0..1]	CodeSet	
OrderHandlingInstSource	[0..1]	CodeSet	
RelatedTradeGrp	[0..*]	Group	
RelatedPositionGrp	[0..*]	Group	
SideRiskLimitCheckStatus	[0..1]	CodeSet	

Used in messages: [TradeCaptureReportAck](#)

### 170.2.5330 TrdCapRptSideGrp

Name	Mult.	Type	Description
NoSides	[1..1]	CodeSet	
Side	[1..1]	CodeSet	Required when NoSides(552) > 0.
ShortMarkingExemptIndicator	[0..1]	Boolean	
SideExecID	[0..1]	String	
OrderDelay	[0..1]	int	
OrderDelayUnit	[0..1]	CodeSet	
SideLastQty	[0..1]	Qty	
SideClearingTradePrice	[0..1]	Price	Used to indicate a side specific alternate clearing price.

Name	Mult.	Type	Description
SidePriceDifferential	[0..1]	Price	Used to indicate the Price Differential between the first and second leg of a complex instrument.
SideClearingTradePriceType	[0..1]	CodeSet	Used to indicate whether the trade is clearing using execution price (LastPx) or alternate clearing price (ClrTrdPx)
SideTradeReportID	[0..1]	String	
SideTradeID	[0..1]	String	
SideOrigTradeID	[0..1]	String	
SideFillStationCd	[0..1]	String	
SideReasonCd	[0..1]	String	
RptSeq	[0..1]	int	
SideTrdSubType	[0..1]	CodeSet	
NetGrossInd	[0..1]	CodeSet	
SideCurrency	[0..1]	Currency	
SideCurrencyCodeSource	[0..1]	CodeSet	
SideSettlCurrency	[0..1]	Currency	
SideSettlCurrencyCodeSource	[0..1]	CodeSet	
Parties	[0..*]	Group	
PartyDetailGrp	[0..*]	Group	PartyDetailID(1619) must reference an existing entry in Parties component or a previous entry in RelatedPartyDetailGrp. The instance must have the same role as the referenced entry. The embedded RelatedPartyDetailID(1563) should introduce a new party identifier not previously reported.
Account	[0..1]	String	Required for executions against electronically submitted orders which were assigned an account by the institution or intermediary.
AcctIDSource	[0..1]	CodeSet	
AccountType	[0..1]	CodeSet	
OwnerType	[0..1]	CodeSet	
LimitAmts	[0..*]	Group	Insert here the set of "LimitAmts" fields defined in "Common Components"
ProcessCode	[0..1]	CodeSet	Used to specify Step-out trades.
OddLot	[0..1]	CodeSet	
ClrInstGrp	[0..*]	Group	
ClearingFeeIndicator	[0..1]	CodeSet	

Name	Mult.	Type	Description
SideRegulatoryTradeIDGrp	[0..*]	Group	
SideTradeReportingIndicator	[0..1]	CodeSet	May be used to bilaterally inform counterparty of trade reporting status for this side of the trade.
FirmTradeEventID	[0..1]	String	
TradeInputSource	[0..1]	String	
TradeInputDevice	[0..1]	String	
ComplianceID	[0..1]	String	
ComplianceText	[0..1]	String	
EncodedComplianceTextLen	[0..1]	Length	Must be set if EncodedComplianceText(2352) field is specified and must immediately precede it.
EncodedComplianceText	[0..1]	data	Encoded (non-ASCII characters) representation of the ComplianceText(2404) field in the encoded format specified via the MessageEncoding(347) field.
SolicitedFlag	[0..1]	CodeSet	
CustOrderCapacity	[0..1]	CodeSet	The customer capacity for this trade
TradingSessionID	[0..1]	CodeSet	Usually the same for all sides of a trade, if reported only on the first side the same TradingSessionID(336) then applies to all sides of the trade.
TradingSessionSubID	[0..1]	CodeSet	Usually the same for all sides of a trade, if reported only on the first side the same TradingSessionSubID(625) then applies to all sides of the trade.
TimeBracket	[0..1]	String	
RemunerationIndicator	[0..1]	CodeSet	
CommissionData	[0..1]	Component	
CommissionDataGrp	[0..*]	Group	Use as an alternative to CommissionData if multiple commissions or enhanced attributes are needed.
NumDaysInterest	[0..1]	int	
ExDate	[0..1]	LocalMktDate	
AccruedInterestRate	[0..1]	Percentage	
AccruedInterestAmt	[0..1]	Amt	
InterestAtMaturity	[0..1]	Amt	
EndAccruedInterestAmt	[0..1]	Amt	For repurchase agreements the accrued interest on termination.

<b>Name</b>	<b>Mult.</b>	<b>Type</b>	<b>Description</b>
StartCash	[0..1]	Amt	For repurchase agreements the start (dirty) cash consideration.
EndCash	[0..1]	Amt	For repurchase agreements the end (dirty) cash consideration.
Concession	[0..1]	Amt	
TotalTakedown	[0..1]	Amt	
NetMoney	[0..1]	Amt	Value expressed in the currency reflected by the Currency(15) field.
SettlCurrAmt	[0..1]	Amt	
SettlCurrFxRate	[0..1]	float	
SettlCurrFxRateCalc	[0..1]	CodeSet	
PositionEffect	[0..1]	CodeSet	Can be used for derivatives omnibus accounting.
Text	[0..1]	String	Can be used by the executing market to record any execution details that are particular to that market.
EncodedTextLen	[0..1]	Length	Must be set if EncodedText field is specified and must immediately precede it.
EncodedText	[0..1]	data	
SideMultiLegReportingType	[0..1]	CodeSet	Can be used to support the scenario where a single leg instrument trades against an individual leg of a multileg instrument.
ContAmtGrp	[0..*]	Group	
Stipulations	[0..*]	Group	
MiscFeesGrp	[0..*]	Group	
ExchangeRule	[0..1]	String	
TradeAllocIndicator	[0..1]	CodeSet	
TradeAllocGroupInstruction	[0..1]	CodeSet	
AllocGroupID	[0..1]	String	
PreviousAllocGroupID	[0..1]	String	Identifies the previous AllocGroupID(1730) being changed by this message when AllocGroupStatus(2767)=3 (Changed).
GroupAmount	[0..1]	Amt	
AllocGroupStatus	[0..1]	CodeSet	
SideAvgPxIndicator	[0..1]	CodeSet	
SideAvgPxGroupID	[0..1]	String	
SideAvgPx	[0..1]	Price	
PreallocMethod	[0..1]	CodeSet	



Name	Mult.	Type	Description
AllocID	[0..1]	String	Used to assign an ID to the block of preallocations.
TrdAllocGrp	[0..*]	Group	
SideTrdRegTS	[0..*]	Group	
SettlDetails	[0..*]	Group	Conveys settlement account details reported as part of obligation.
SideGrossTradeAmt	[0..1]	Amt	
AggressorIndicator	[0..1]	CodeSet	
ExchangeSpecialInstructions	[0..1]	String	
SideShortSaleExemptionReason	[0..1]	CodeSet	Optional when Side (54) = 6 (Sell short exempt)
OrderCategory	[0..1]	CodeSet	
SideLiquidityInd	[0..1]	CodeSet	
StrategyLinkID	[0..1]	String	
TradeReportOrderDetail	[0..1]	Component	Order details for the order associated with this side of the trade.
CustOrderHandlingInst	[0..1]	CodeSet	
OrderHandlingInstSource	[0..1]	CodeSet	
TradePositionQty	[0..*]	Group	
RelatedTradeGrp	[0..*]	Group	
RelatedPositionGrp	[0..*]	Group	
BlockTrdAllocIndicator	[0..1]	CodeSet	
SideRiskLimitCheckStatus	[0..1]	CodeSet	
LastCapacity	[0..1]	CodeSet	In the context of regulatory trade reporting, this specifies the trading capacity of the reporting party.
RefRiskLimitCheckID	[0..1]	String	
RefRiskLimitCheckIDType	[0..1]	CodeSet	
CompressionGroupID	[0..1]	String	
SideCollateralAmountGrp	[0..*]	Group	

Used in messages: [TradeCaptureReport](#)

### 170.2.5331 TrdCollGrp

Name	Mult.	Type	Description
NoTrades	[1..1]	NumInGroup	Trades for which collateral is required
TradeReportID	[0..1]	String	Required if NoTrades > 0
SecondaryTradeReportID	[0..1]	String	

Used in messages: [CollateralAssignment](#), [CollateralInquiry](#), [CollateralInquiryAck](#), [CollateralReport](#), [CollateralRequest](#), [CollateralResponse](#)

### 170.2.5332 TrdgSesGrp

Name	Mult.	Type	Description
NoTradingSessions	[1..1]	NumInGroup	Specifies the number of repeating TradingSessionIDs
TradingSessionID	[0..1]	CodeSet	Required if NoTradingSessions is > 0.
TradingSessionSubID	[0..1]	CodeSet	

Used in groups: [ListOrdGrp](#)

Used in messages: [CrossOrderCancelReplaceRequest](#), [MarketDataRequest](#), [MultilegOrderCancelReplace](#), [NewOrderCross](#), [NewOrderMultileg](#), [NewOrderSingle](#), [OrderCancelReplaceRequest](#), [PositionMaintenanceReport](#), [PositionMaintenanceRequest](#), [RequestForPositions](#)

### 170.2.5333 TrdInstrmtLegExecGrp

The TrdInstrmtLegExecGrp component comprises individual executions for legs of the trade side of a trade match report for a specific instrument.

Name	Mult.	Type	Description
NoLegExecs	[1..1]	NumInGroup	
LegRefID	[0..1]	String	Required if NoLegExecs(1892) > 0.
LegExecID	[0..1]	String	
LegExecRefID	[0..1]	String	
LegTradeID	[0..1]	String	
LegTradeReportID	[0..1]	String	

Name	Mult.	Type	Description
LegOrderQty	[0..1]	Qty	
LegPositionEffect	[0..1]	CodeSet	Can be used to specify the position effect for the leg if it is different from the position effect of the overall multileg security.
LegCoveredOrUncovered	[0..1]	CodeSet	Can be used to specify whether the option is a cover, if it is different from the overall multileg security.
NestedParties3	[0..*]	Group	
LegLastPx	[0..1]	Price	
LegPriceType	[0..1]	CodeSet	
LegSettlCurrency	[0..1]	Currency	
LegSettlCurrencyCodeSource	[0..1]	CodeSet	
LegShortSaleExemptionReason	[0..1]	CodeSet	
LegLastQty	[0..1]	Qty	
LegQtyType	[0..1]	CodeSet	

Used in groups: [TrdMatchSideGrp](#)

### 170.2.5334 TrdInstrmtLegGrp

Name	Mult.	Type	Description
NoLegs	[1..1]	NumInGroup	
InstrumentLeg	[0..1]	Component	Required if NoLegs(555) > 0.
LegFinancingDetails	[0..1]	Component	
LegPositionAmountData	[0..*]	Group	
LegOrderQty	[0..1]	Qty	Quantity ordered for this leg as provided during order entry.
LegQty	[0..1]	Qty	The LegQty(687) field is deprecated. The use of LegOrderQty(685) is recommended instead.
LegMidPx	[0..1]	Price	
LegSwapType	[0..1]	CodeSet	Instead of LegOrderQty(685) requests that the sellside calculate LegOrderQty(685) based on opposite Leg.
LegReportID	[0..1]	String	Additional attribute to store the trade or trade report identifier of the leg.

Name	Mult.	Type	Description
LegNumber	[0..1]	int	Allow sequencing of legs for a strategy to be captured.
LegStipulations	[0..*]	Group	
LegAccount	[0..1]	String	
LegClearingAccountType	[0..1]	CodeSet	Provide if different from the value specified for the overall multileg security in ClearingAccountType(1816) in the Instrument component.
LegPositionEffect	[0..1]	CodeSet	Provide if different from the value specified for the overall multileg security in PositionEffect(77) in the Instrument component.
LegCoveredOrUncovered	[0..1]	CodeSet	Provide if different from the value specified for the overall multileg security in CoveredOrUncovered(203) in the Instrument component.
NestedParties	[0..*]	Group	
LegRefID	[0..1]	String	Use of LegRefID(654) in this component is deprecated. Recommend the use of LegID(1788) in the InstrumentLeg component.
LegSettlType	[0..1]	CodeSet	
LegSettlDate	[0..1]	LocalMktDate	Takes precedence over a calculated LegSettlType(587) when specified regardless of LegSettlType(587) value. Conditionally required when LegSettlType(587) = B(Broken date).
LegLastPx	[0..1]	Price	Used to report the execution price assigned to the leg of the multileg instrument.
LegPriceType	[0..1]	CodeSet	Indicates the price type provided with each leg of a multi-leg trade
LegSettlCurrency	[0..1]	Currency	
LegSettlCurrencyCodeSource	[0..1]	CodeSet	
LegLastForwardPoints	[0..1]	PriceOffset	
LegCalculatedCcyLastQty	[0..1]	Qty	
LegGrossTradeAmt	[0..1]	Amt	For FX Futures can be used to express the notional value of a trade when LegLastQty(1418) and other quantity fields are expressed in terms of number of contracts - LegContractMultiplier(231) is required in this case.
LegShortSaleExemptionReason	[0..1]	CodeSet	Available for optional use when LegSide(624) = 6 (Sell short exempt) in InstrumentLeg component.

Name	Mult.	Type	Description
LegVolatility	[0..1]	float	
LegDividendYield	[0..1]	Percentage	
LegCurrencyRatio	[0..1]	float	
LegExecInst	[0..1]	CodeSet	
LegLastQty	[0..1]	Qty	Quantity executed for this leg.
LegQtyType	[0..1]	CodeSet	Leg quantity type to be specified at the leg level. Can be different for each leg.
LegLastMultipliedQty	[0..1]	Qty	
LegTotalTradeQty	[0..1]	Qty	
LegTotalTradeMultipliedQty	[0..1]	Qty	
LegTotalGrossTradeAmt	[0..1]	Amt	
TradeCapLegUnderlyingsGrp	[0..*]	Group	
LegDifferentialPrice	[0..1]	PriceOffset	

Used in messages: [TradeCaptureReport](#), [TradeCaptureReportAck](#)

### 170.2.5335 TrdMatchID

Identifier assigned by a matching system to a match event that results in multiple executions or trades.

Type: [String](#)

Used in groups: [ExecAllocGrp](#)

Used in messages: [ExecutionReport](#), [TradeCaptureReport](#), [TradeCaptureReportAck](#), [TradeCaptureReportRequest](#), [TradeMatchReport](#), [TradeMatchReportAck](#)

### 170.2.5336 TrdMatchSideGrp

The TrdMatchSideGrp component conveys all trade sides for a single instance of the InstrmtMatchSideGrp component.

Name	Mult.	Type	Description
NoTrdMatchSides	[1..1]	NumInGroup	
Side	[0..1]	CodeSet	Required if NoTrdMatchSides(1890) > 0.

Name	Mult.	Type	Description
SideExecID	[0..1]	String	
SideExecRefID	[0..1]	String	
SideTradeID	[0..1]	String	
SideTradeReportID	[0..1]	String	
OrderDelay	[0..1]	int	
OrderDelayUnit	[0..1]	CodeSet	
SideLastQty	[0..1]	Qty	Required if NoTrdMatchSides(1890) > 0. Used to indicate the matched quantity for this trade side as a result of the match event.
SideClearingTradePrice	[0..1]	Price	
SidePriceDifferential	[0..1]	Price	
SideClearingTradePriceType	[0..1]	CodeSet	
SideFillStationCd	[0..1]	String	
SideReasonCd	[0..1]	String	
SideTrdSubType	[0..1]	CodeSet	
NetGrossInd	[0..1]	CodeSet	
SideCurrency	[0..1]	Currency	
SideCurrencyCodeSource	[0..1]	CodeSet	
SideSettlCurrency	[0..1]	Currency	
SideSettlCurrencyCodeSource	[0..1]	CodeSet	
Parties	[0..*]	Group	Required if NoTrdMatchSides(1890) > 0.
TradeInputSource	[0..1]	String	
TradeInputDevice	[0..1]	String	
ComplianceID	[0..1]	String	
ComplianceText	[0..1]	String	
EncodedComplianceTextLen	[0..1]	Length	Must be set if EncodedComplianceText(2352) field is specified and must immediately precede it.
EncodedComplianceText	[0..1]	data	Encoded (non-ASCII characters) representation of the ComplianceText(2404) field in the encoded format specified via the MessageEncoding(347) field.
SolicitedFlag	[0..1]	CodeSet	
CustOrderCapacity	[0..1]	CodeSet	
TimeBracket	[0..1]	String	
PositionEffect	[0..1]	CodeSet	For use in derivatives omnibus accounting.
ExchangeRule	[0..1]	String	

Name	Mult.	Type	Description
TradeAllocIndicator	[0..1]	CodeSet	
PreallocMethod	[0..1]	CodeSet	
AllocID	[0..1]	String	
TrdAllocGrp	[0..*]	Group	
SideGrossTradeAmt	[0..1]	Amt	
AggressorIndicator	[0..1]	CodeSet	
ExchangeSpecialInstructions	[0..1]	String	
SideShortSaleExemptionReason	[0..1]	CodeSet	
OrderCategory	[0..1]	CodeSet	
AvgPxIndicator	[0..1]	CodeSet	
AvgPxGroupID	[0..1]	String	
SideMarketSegmentID	[0..1]	String	Can be used if the match event results in matches across different market segments for this side.
SideVenueType	[0..1]	CodeSet	Can be used if the match event results in matches across different venue types for this side.
ClearingFeeIndicator	[0..1]	CodeSet	
TradeReportOrderDetail	[0..1]	Component	
TrdInstrmtLegExecGrp	[0..*]	Group	
CustOrderHandlingInst	[0..1]	CodeSet	
OrderHandlingInstSource	[0..1]	CodeSet	
Text	[0..1]	String	Can be used to include text included in the order submission.
EncodedTextLen	[0..1]	Length	
EncodedText	[0..1]	data	

Used in groups: [InstrmtMatchSideGrp](#)

### 170.2.5337 TrdMatchSubID

Used to identify each price level, step or clip within a match event.

Type: [String](#)

Used in groups: [InstrmtMatchSideGrp](#)

Used in messages: [ExecutionReport](#)

**170.2.5338 TrdRegPublicationGrp**

The TrdRegPublicationGrp component is used to express trade publication reasons that are required by regulatory agencies. Reasons may include deferrals, exemptions, waivers, etc.

Name	Mult.	Type	Description
NoTrdRegPublications	[1..1]	NumInGroup	
TrdRegPublicationType	[0..1]	CodeSet	Required if NoTrdRegPublications(2668) > 0.
TrdRegPublicationReason	[0..1]	CodeSet	

Used in groups: [ExecAllocGrp](#), [MDFullGrp](#), [MDIncGrp](#)

Used in messages: [ExecutionReport](#), [NewOrderSingle](#), [TradeCaptureReport](#)

**170.2.5339 TrdRegPublicationReason**

Additional reason for trade publication type specified in TrdRegPublicationType(2669).

Reasons may be specific to regulatory trade publication rules.

Type: [int](#)

Allowed values in TrdRegPublicationReasonCodeSet:

Code	Name	Description
0	NoBookOrderDueToAverageSpread-Price	No preceding order in book as transaction price set within average spread of a liquid instrument. Per MiFIR Article 4(1)(b)(i) the obligation to place a public order can be waived for transactions of liquid instruments on "systems that formalise negotiated transactions which are made within the current volume weighted spread reflected on the order book or the quotes of the market makers of the trading venue operating that system, subject to the conditions set out in Article 5" of MiFIR on volume caps. "Liquid markets" as per MiFIR Article 2(17)(b) are assessed by the regulator for the purposes of MiFIR Articles 4, 5 and 14. For ESMA RTS 1, RTS 6 and RTS 22 this is the waiver "NLIQ" flag.



Code	Name	Description
1	NoBookOrderDueToRefPrice	No preceding order in book as transaction price depends on system-set reference price for an illiquid instrument. Per MiFIR Article 4(1)(b)(ii) the obligation to place a public order can be waived for "negotiated transactions which are in an illiquid share, depositary receipt, ETF, certificate or other similar financial instrument that does not fall within the meaning of a liquid market, and are dealt within a percentage of a suitable reference price, being a percentage and a reference price set in advance by the system operator." For ESMA RTS 1, this is the "OILQ" flag.
2	NoBookOrderDueToOtherConditions	No preceding order in book as transaction price is for transaction subject to conditions other than current market price. Per MiFIR Article 4(1)(b)(iii), the obligation to place a public order can be waived in "systems that formalise negotiated transactions which are subject to conditions other than the current market price of that financial instrument." For ESMA RTS1, RTS 6 and RTS 22 this is the waiver flag "PRIC".
3	NoPublicPriceDueToRefPrice	No public price for preceding order as public reference price was used for matching orders. Per MiFIR Article 4(1)(a) the obligation to place a public order can be waived for "systems matching orders based on a trading methodology by which the price of the financial instrument is derived from the trading venue where that financial instrument was first admitted to trading or the most relevant market in terms of liquidity, where that reference price is widely published and is regarded by market participants as a reliable reference price." For ESMA RTS 1, RTS 6 and RTS 22 this is the waiver flag "RFPT".
4	NoPublicPriceDueToIlliquid	No public price quoted as instrument is illiquid. According to MiFIR Article 4(1)(b)(ii) and Article 14(1) the obligation to publish the quote prior to closing the trade may be waived if it was made in an illiquid instrument. However, according to MiFIR Article 14(1) and Article 18(2), systematic internalisers shall still disclose quotes to their clients upon request. This obligation may also be waived in case of bonds, structured finance products, emission allowances and derivatives. For ESMA RTS 1, RTS 2, RTS 6 and RTS 22 this is the waiver flag "ILQD".

Code	Name	Description
5	NoPublicPriceDueToOrderSize	No public price quoted due to "Size". In the context of ESMA, as per MiFIR Article 4(1)(c) and Article 14(2), the systematic internaliser was not obliged to quote prior to closing the trade as the trade was above the standard market size. In accordance to MiFIR Article 9(1)(b) and Article 18(10), market operators, investment firms and systematic internalisers may be waived, in accordance to guidance from the Competent Authorities, from making public prices for derivative instruments which are above a size specific to the instrument. For ESMA RTS 1, RTS 2, RTS 6 and RTS 22 this is the waiver flag "SIZE".
6	DeferralDueToLargeInScale	Deferral due to "Large in Scale". Per MiFID Article 14, publication deferral is permitted if the transaction is large in scale compared to a standard market size, as set in RTS 1/Annex II (thresholds for "large in scale") and RTS 2/Annex III ("LIS and SSTI thresholds"). For ESMA RTS 1 and RTS 2, this is the "LRGS" flag.
7	DeferralDueToIlliquid	Deferral due to "Illiquid Instrument". Publication deferral is permitted if the transaction's instrument is illiquid, as defined by regulator's stipulation. For ESMA RTS 2, this is the "ILQD" flag.
8	DeferralDueToSizeSpecific	Deferral due to "Size Specific". Per MiFIR Article 11, publication deferral is permitted if the transaction is greater than the stipulated 'Size Specific to the financial instrument' threshold. For ESMA RTS 2, this is the "SIZE" flag.
9	NoPublicPriceDueToLargeInScale	No public price and/or size quoted as transaction is "large in scale". In the context of ESMA, as per MiFIR Article 4(1)(c) and Article 9(1)(a), the trading venue was not obliged to quote prior to closing the trade as the order size was above normal market size.
10	NoPublicPriceSizeDueToOrderHidden	No public price and/or size quoted due to order being hidden. In the context of ESMA, as per MiFIR Article 4(1)(d) and Article 9(1)(a), a transaction arising from an order that was not fully pre-trade transparent due to all or part of it being held in a trading venue order management facility, such as a reserve order.
11	ExemptedDueToSecuritiesFinancing-Transaction	Exempted due to securities financing transaction. Per ESMA RTS 22, Annex I, Table 2, Field 65: a transaction which "falls within the scope of activity but is exempted from reporting under Securities Financing Transaction Regulation".

Code	Name	Description
12	ExemptedDueToESCBPolicyTransaction	Exempted due to European System of Central Banks (ESCB) policy transaction. Per ESMA RTS2, Article 14(1), and Article 15(1): "A transaction shall be considered to be entered into by a member of the European System of Central Banks (ESCB) in performance of monetary, foreign exchange and financial stability policy [is exempted from publication] ... [The regulation] shall not apply to the following types of transaction entered into by a member of the ESCB for the performance of one of the tasks referred to in Article 14: transaction entered into for the management of its own funds; transaction entered into for administrative purposes or for the staff of the member of the ESCB which include transactions conducted in the capacity as administrator of a pension scheme for its staff; transactions entered into for its investment portfolio pursuant to obligations under national law."
13	ExceptionDueToReportByPaper	Exception due to report by paper. Incomplete report due to submission by paper (form). In the context of US CAT this is Form T pursuant to FINRA Trade Reporting Rules.
14	ExceptionDueToTradeExecutedWithNonReportingParty	Exception due to trade with non-reporting party. Incomplete report due to counterparty of the reporting party being absent. In the context of US CAT this is when a trade was executed by a non-FINRA member and reported to the TRF by the FINRA member counterparty.
15	ExceptionDueToIntraFirmOrder	Exception due to intra-firm order. Incomplete report due to intra-firm order filled from firm's proprietary account.
16	ReportedOutsideReportingHours	Reported outside of reporting hours. In the context of ESMA, trades published after the trade reporting facility being used (e.g. APA for trades brought onto a trading venue) closes, will be reported the following business day and not flagged as deferred (as the MiFID deferral regime is not applicable). This value distinguishes these types of trades from trades executed (and published) on the same business day. It is recommended that this value be set by the trade reporting facility, e.g. APAs, (as opposed to publishing investment firms) to ensure the most accurate use of this value.
17	NoPublicPxDueToPreTradeWaiver	No public price quoted due to usage of a pre-trade transparency waiver. Per FCA policy statement PS23/4, this is the "NETW" flag for negotiated trades in accordance to MiFIR Article 4(1)(b).

Used in groups: [TrdRegPublicationGrp](#)

**170.2.5340 TrdRegPublicationType**

Specifies the type of regulatory trade publication.

Additional reasons for the publication type may be specified in TrdRegPublicationReason(2670).

Type: **int**

Allowed values in TrdRegPublicationTypeCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	PreTradeTransparencyWaiver	Pre-trade transparency waiver. There are allowable waivers from the obligation to make public current bid/offer prices and trading depth. In the context of MiFIR, see Article 3 and Article 4.
1	PostTradeDeferral	Post-trade deferral. There are allowable deferrals for the post-trade publication of trade transactions. In the context of MiFIR, see Article 7(1).
2	ExemptFromPublication	Exempt from publication. There are allowable exemptions for the post-trade publication of trade transactions. In the context of ESMA exemptions are specified in RTS 22 Annex I, Table 2, Field 65 and RTS 2 Article 14(1) and Article 15(1).
3	OrderLevelPublicationToSubscribers	Order level publication to subscribers. Individual orders are displayed outside of the execution venue but only to subscribers. In the context of US CAT this can be used by Alternative Trading Systems (ATSS) to provide additional information related to price distribution.
4	PriceLevelPublicationToSubscribers	Price level publication to subscribers. Aggregated orders are displayed outside of the execution venue but only to subscribers. In the context of US CAT this can be used by Alternative Trading Systems (ATSS) to provide additional information related to price distribution.
5	OrderLevelPublicationToThePublic	Order level publication to the public. Individual orders are displayed outside of the execution venue via public quotation. In the context of US CAT this can be used by Alternative Trading Systems (ATSS) to provide additional information related to price distribution.
6	PublicationInternalToExecutionVenue	Publication internal to execution venue. Orders are not displayed outside of the execution venue. In the context of US CAT this can be used by Alternative Trading Systems (ATSS) to provide additional information related to price distribution.

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Used in groups: **TrdRegPublicationGrp**

**170.2.5341 TrdRegTimestamp**

Traded / Regulatory timestamp value. Use to store time information required by government regulators or self regulatory organizations (such as an exchange or clearing house).

Type: [UTCTimestamp](#)

Used in groups: [TrdRegTimestamps](#)

**170.2.5342 TrdRegTimestampManualIndicator**

Indicates whether a given timestamp was manually captured.

Type: [Boolean](#)

Allowed values in TrdRegTimestampManualIndicatorCodeSet:

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Code	Name	Description
N	NotManuallyCaptured	Not manually captured
Y	ManuallyCaptured	Manually captured

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Used in groups: [TrdRegTimestamps](#)

**170.2.5343 TrdRegTimestampOrigin**

Text which identifies the "origin" (i.e. system which was used to generate the time stamp) for the Traded / Regulatory timestamp value.

Type: [String](#)

Used in groups: [TrdRegTimestamps](#)

**170.2.5344 TrdRegTimestamps**

The TrdRegTimestamps component block is used to express timestamps for an order or trade that are required by regulatory agencies. These timestamps are used to identify the timeframes for when an order or trade is received on the floor, received and executed by the broker, etc.

Name	Mult.	Type	Description
NoTrdRegTimestamps	[1..1]	NumInGroup	
TrdRegTimestamp	[0..1]	UTCTimestamp	Required if NoTrdRegTimestamps(768) > 0.
TrdRegTimestampType	[0..1]	CodeSet	Required if NoTrdRegTimestamps(768) > 0.
TrdRegTimestampOrigin	[0..1]	String	
TrdRegTimestampManualIndicator	[0..1]	CodeSet	
DeskType	[0..1]	CodeSet	
DeskTypeSource	[0..1]	CodeSet	
DeskOrderHandlingInst	[0..1]	CodeSet	
InformationBarrierID	[0..1]	String	
NBBOEntryType	[0..1]	CodeSet	May be used with TrdRegTimestampType(770)=34 (Reference time for NBBO).
NBBOPrice	[0..1]	Price	May be used with TrdRegTimestampType(770)=34 (Reference time for NBBO).
NBBOQty	[0..1]	Qty	May be used with TrdRegTimestampType(770)=34 (Reference time for NBBO).
NBBOSource	[0..1]	CodeSet	May be used with TrdRegTimestampType(770)=34 (Reference time for NBBO).

Used in messages: [CollateralAssignment](#), [CollateralInquiry](#), [CollateralReport](#), [CollateralRequest](#), [CollateralResponse](#), [Confirmation](#), [ExecutionReport](#), [MarginRequirementReport](#), [NewOrderSingle](#), [OrderCancelReplaceRequest](#), [PositionReport](#), [Quote](#), [QuoteStatusReport](#), [TradeCaptureReport](#), [TradeCaptureReportAck](#)

### 170.2.5345 TrdRegTimestampType

Trading / Regulatory timestamp type.

Note of applicability: Values are required in various regulatory environments: required for US futures markets to support computerized trade reconstruction, required by MiFID II / MiFIR for transaction reporting and publication, and required by FINRA for reporting to the Consolidated Audit Trail (CAT).

Type: [int](#)

Allowed values in TrdRegTimestampTypeCodeSet:

<b>Code</b>	<b>Name</b>	<b>Description</b>
1	ExecutionTime	Execution time. Timestamp for the order execution. In the context of US futures markets (CFTC regulated) this is the non-qualified reporting time of order execution.
2	TimeIn	Time in. Timestamp for receiving an order, quote or trade. In the context of US futures markets (CFTC) this is the timestamp of when the order was received on the trading floor (booth).
3	TimeOut	Time out. Timestamp for sending an order, quote or trade. In the context of US futures markets (CFTC) this is the timestamp when the trade was received from the pit.
4	BrokerReceipt	Broker receipt. Timestamp for a broker receiving an order, quote or trade. In the context of US futures markets (CFTC) this is the time at which the broker received the order.
5	BrokerExecution	Broker execution. Timestamp for the broker executing an order. In the context of US futures markets (CFTC regulated) this is the time at which a broker executed the order for another broker.
6	DeskReceipt	Desk receipt. Timestamp for the transmission of an order to an internal desk or department on the same day the firm received the order.
7	SubmissionToClearing	Submission to clearing. The timestamp when the trade was officially acknowledged by the Clearing House.
8	TimePriority	Time priority. A timestamp (manually or electronically) assigned by a market to specify time priority for an order or quote.
9	OrderbookEntryTime	Orderbook entry time. Timestamp for an order representing the time it was entered in the orderbook of the execution venue. The orderbook entry time cannot change during the lifetime of the order.
10	OrderSubmissionTime	Order submission time. Time the order was sent by the submitter.
11	PubliclyReported	Publicly reported. In the context of MiFID II, this is used to identify the time at which the transaction was first published to the market.
12	PublicReportUpdated	Public report updated. In the context of MiFID II, this is used to identify the time at which the transaction's publication to the market was last updated
13	NonPubliclyReported	Non-publicly reported
14	NonPublicReportUpdated	Non-public report updated
15	SubmittedForConfirmation	Submitted for confirmation
16	UpdatedForConfirmation	Updated for confirmation
17	Confirmed	Confirmed

Code	Name	Description
18	UpdatedForClearing	Updated for clearing
19	Cleared	Cleared
20	AllocationsSubmitted	Allocations submitted
21	AllocationsUpdated	Allocations updated
22	AllocationsCompleted	Allocations completed
23	SubmittedToRepository	Submitted to repository
24	PostTrdContntnEvnt	Post-trade continuation event
25	PostTradeValuation	Post-trade valuation
26	PreviousTimePriority	Previous time priority. Can be used in conjunction with TrdRegTimestampType(770) = 8 (Time priority) to provide the current and last priority timestamp in a single message.
27	IdentifierAssigned	Identifier assigned. Timestamp for the assignment of a (unique) identifier to an entity (e.g. order, quote, trade).
28	PreviousIdentifierAssigned	Previous identifier assigned. Timestamp of previous assignment of a (unique) identifier to an entity (e.g. order, quote, trade).
29	OrderCancellationTime	Order cancellation time. Timestamp for the cancellation of an order or quote.
30	OrderModificationTime	Order modification time. Timestamp for the modification of an order or quote.
31	OrderRoutingTime	Order routing time. Timestamp for the routing of an order to another broker or electronic execution venue.
32	TradeCancellationTime	Trade cancellation time. Timestamp for the cancellation of an execution (ExecType(150) = H (Trade Cancel)) or trade (TradeReportType(856) = 6 (Trade Report Cancel)).
33	TradeModificationTime	Trade modification time. Timestamp for the modification of an execution (ExecType(150) = G (Trade Correct)) or trade (TradeReportType(856) = 5 (No/Was)).
34	ReferenceTimeForNBBO	Reference time for NBBO. Timestamp for an NBBO reference price.

Used in groups: [TrdRegTimestamps](#)

### 170.2.5346 TrdRepIndicator

Specifies whether the trade should be reported (or not) to parties of the provided TrdRepParty-Role(1388). Used to override standard reporting behavior by the receiver of the trade report and



thereby complements the PublTrdIndicator( tag1390).

Type: **Boolean**

Used in groups: **TrdRepIndicatorsGrp**

### 170.2.5347 TrdRepIndicatorsGrp

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Name	Mult.	Type	Description
NoTrdRepIndicators	[1..1]	NumInGroup	Number of trade publication indicators following
TrdRepPartyRole	[0..1]	CodeSet	
TrdRepIndicator	[0..1]	Boolean	

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Used in messages: **TradeCaptureReport**, **TradeCaptureReportAck**

### 170.2.5348 TrdRepPartyRole

Identifies the type of party for trade reporting. Same values as PartyRole(452).

Type: **int**

Allowed values in PartyRoleCodeSet:

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Code	Name	Description
1	ExecutingFirm	Executing Firm (formerly FIX 4.2 ExecBroker)
2	BrokerOfCredit	Broker of Credit (formerly FIX 4.2 BrokerOfCredit)
3	ClientID	Client ID (formerly FIX 4.2 ClientID)
4	ClearingFirm	Clearing Firm (formerly FIX 4.2 ClearingFirm)
5	InvestorID	Investor ID
6	IntroducingFirm	Introducing Firm
7	EnteringFirm	Entering Firm
8	Locate	Locate / Lending Firm (for short-sales)
9	FundManagerClientID	Fund Manager Client ID (for CIV)
10	SettlementLocation	Settlement Location (formerly FIX 4.2 SettlLocation)
11	OrderOriginationTrader	Order Origination Trader (associated with Order Origination Firm - i.e. trader who initiates/submits the order)
12	ExecutingTrader	Executing Trader (associated with Executing Firm - actually executes)

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<b>Code</b>	<b>Name</b>	<b>Description</b>
13	OrderOriginationFirm	Order Origination Firm (e.g. buy-side firm)
14	GiveupClearingFirmDepr	Giveup Clearing Firm (firm to which trade is given up)
15	CorrespondantClearingFirm	Correspondant Clearing Firm
16	ExecutingSystem	Executing System
17	ContraFirm	Contra Firm
18	ContraClearingFirm	Contra Clearing Firm
19	SponsoringFirm	Sponsoring Firm
20	UnderlyingContraFirm	Underlying Contra Firm
21	ClearingOrganization	Clearing Organization
22	Exchange	Exchange. Identify using PartyIDSource(tag 447) = G (Market Identifier Code) if the MIC exists.
24	CustomerAccount	Customer Account
25	CorrespondentClearingOrganization	Correspondent Clearing Organization
26	CorrespondentBroker	Correspondent Broker
27	Buyer	Buyer/Seller (Receiver/Deliverer)
28	Custodian	Custodian
29	Intermediary	Intermediary
30	Agent	Agent
31	SubCustodian	Sub-custodian
32	Beneficiary	Beneficiary
33	InterestedParty	Interested party
34	RegulatoryBody	Regulatory body. In the context of regulatory reporting, this identifies the regulator the trade is being reported to.
35	LiquidityProvider	Liquidity provider
36	EnteringTrader	Entering trader
37	ContraTrader	Contra trader
38	PositionAccount	Position account. The account which positions are maintained. Typically represents the aggregation of one or more customer accounts.
39	ContraInvestorID	Contra Investor ID
40	TransferToFirm	Transfer to Firm
41	ContraPositionAccount	Contra Position Account
42	ContraExchange	Contra Exchange
43	InternalCarryAccount	Internal Carry Account
44	OrderEntryOperatorID	Order Entry Operator ID

<b>Code</b>	<b>Name</b>	<b>Description</b>
45	SecondaryAccountNumber	Secondary Account Number
46	ForeignFirm	Foreign Firm
47	ThirdPartyAllocationFirm	Third Party Allocation Firm
48	ClaimingAccount	Claiming Account
49	AssetManager	Asset Manager
50	PledgorAccount	Pledgor Account
51	PledgeeAccount	Pledgee Account
52	LargeTraderReportableAccount	Large Trader Reportable Account
53	TraderMnemonic	Trader mnemonic
54	SenderLocation	Sender Location
55	SessionID	Session ID
56	AcceptableCounterparty	Acceptable Counterparty
57	UnacceptableCounterparty	Unacceptable Counterparty
58	EnteringUnit	Entering Unit
59	ExecutingUnit	Executing Unit
60	IntroducingBroker	Introducing Broker
61	QuoteOriginator	Quote originator
62	ReportOriginator	Report originator
63	SystematicInternaliser	Systematic internaliser (SI)
64	MultilateralTradingFacility	Multilateral Trading Facility (MTF). Identify using PartyIDSource(tag 447) = G (Market Identifier Code) if the MIC exists.
65	RegulatedMarket	Regulated Market (RM). Identify using PartyIDSource(tag 447) = G (Market Identifier Code) if the MIC exists.
66	MarketMaker	Market Maker
67	InvestmentFirm	Investment Firm
68	HostCompetentAuthority	Host Competent Authority (Host CA)
69	HomeCompetentAuthority	Home Competent Authority (Home CA)
70	CompetentAuthorityLiquidity	Competent Authority of the most relevant market in terms of liquidity (CAL)
71	CompetentAuthorityTransactionVenue	Competent Authority of the Transaction (Execution) Venue (CATV)
72	ReportingIntermediary	Reporting intermediary. The medium or vendor used to report to a regulator, non-regulatory agency or data repository.
73	ExecutionVenue	Execution Venue. Identify using PartyIDSource(tag 447) = G (Market Identifier Code) if the MIC exists.

<b>Code</b>	<b>Name</b>	<b>Description</b>
74	MarketDataEntryOriginator	Market data entry originator
75	LocationID	Location ID
76	DeskID	Desk ID
77	MarketDataMarket	Market data market
78	AllocationEntity	Allocation Entity
79	PrimeBroker	Prime Broker providing General Trade Services
80	StepOutFirm	Step-Out Firm (Prime Broker)
81	BrokerClearingID	Broker clearing identifier
82	CentralRegistrationDepository	Central Registration Depository (CRD)
83	ClearingAccount	Clearing Account
84	AcceptableSettlingCounterparty	Acceptable Settling Counterparty
85	UnacceptableSettlingCounterparty	Unacceptable Settling Counterparty
86	CLSMemberBank	CLS Member Bank
87	InConcertGroup	In Concert Group
88	InConcertControllingEntity	In Concert Controlling Entity
89	LargePositionsReportingAccount	Large Positions Reporting Account
90	SettlementFirm	Settlement Firm
91	SettlementAccount	Settlement account. The account to which individual payment obligations are aggregated for netting and funds movement. Typically represents the aggregation of many margin (performance bond) accounts.
92	ReportingMarketCenter	Reporting Market Center
93	RelatedReportingMarketCenter	Related Reporting Market Center
94	AwayMarket	Away Market. Identify using PartyIDSource(tag 447) = G (Market Identifier Code) if the MIC exists.
95	GiveupTradingFirm	Give-up (trading) firm
96	TakeupTradingFirm	Take-up (trading) firm
97	GiveupClearingFirm	Give-up clearing firm
98	TakeupClearingFirm	Take-up clearing firm
99	OriginatingMarket	Originating Market. Identifies the Market using PartyIDSource(tag 447) = G (Market Identifier Code) where an order originated in the event that the order is sent to an alternative market for execution. Serves as an inverse of an away market.

<b>Code</b>	<b>Name</b>	<b>Description</b>
100	MarginAccount	Margin account. Also referred to as "performance bond account". The margin account is the calculated margin requirements. Typically represents the aggregation of one or more position accounts.
101	CollateralAssetAccount	Collateral asset account. The account at which individual collateral assets are maintained. Typically, although not always, one-for-one with the settlement account.
102	DataRepository	Data repository. Multiple instances of this PartyRole may appear for reporting purposes.
103	CalculationAgent	Calculation agent
104	ExerciseNoticeSender	Sender of exercise notice
105	ExerciseNoticeReceiver	Receiver of exercise notice
106	RateReferenceBank	Rate reference bank. The bank providing the reference rate. Multiple instance of this PartyRole may appear.
107	Correspondent	Correspondent
109	BeneficiaryBank	Beneficiary's bank or depository institution. The institution in which the beneficiary, a person or an entity, has their account with. The institution may be a bank or non-bank institution.
110	Borrower	Borrower
111	PrimaryObligator	Primary obligator
112	Guarantor	Guarantor
113	ExcludedReferenceEntity	Excluded reference entity
114	DeterminingParty	Determining party
115	HedgingParty	Hedging party
116	ReportingEntity	Reporting entity. The entity that is reporting the information.
117	SalesPerson	Sales person. The person who is involved in the sales activities for their firm.
118	Operator	Operator. The person who has the capabilities and authorization to take certain actions; for example, setting entitlements, etc.
119	CSD	Central Securities Depository (CSD)
120	ICSD	International Central Securities Depository (ICSD)
121	TradingSubAccount	Trading sub-account. Example of sub-accounts include a clearing account that has multiple trading sub-accounts, a trading account that has multiple trading sub-accounts belonging to different trading firms.

Code	Name	Description
122	InvestmentDecisionMaker	Investment decision maker. In the context of ESMA RTS reporting, this is used to specify party responsible for the investment decision. See RTS 24, Annex, Table 2, Field 4.
123	PublishingIntermediary	Publishing intermediary. The medium or vendor used to publish to the market.
124	CSDParticipant	Central Securities Depository (CSD) Participant. In the context of EU SFTR reporting the identifier of the CSD participant or indirect participant of the reporting counterparty. Where both the CSD participant and indirect participant are involved in the transaction this should identify the indirect participant.
125	Issuer	Issuer. The issuer of the security.
126	ContraCustomerAccount	Contra Customer Account. Same as PartyRole(452) = 24 (Customer Account) but for the counterparty. Can be used whenever the parties component is not nested in a repeating group representing both sides.
127	ContraInvestmentDecisionMaker	Contra Investment Decision Maker. Same as PartyRole(452) = 122 (Investment Decision Maker) but for the counterparty. Can be used whenever the parties component is not nested in a repeating group representing both sides.

Used in groups: [TrdReplIndicatorsGrp](#)

### 170.2.5349 TrdRptStatus

Trade Report Status

Type: [int](#)

Allowed values in TrdRptStatusCodeSet:

Code	Name	Description
0	Accepted	Accepted
1	Rejected	Rejected
2	Cancelled	Cancelled
3	AcceptedWithErrors	Accepted with errors
4	PendingNew	Pending New
5	PendingCancel	Pending Cancel
6	PendingReplace	Pending Replace

Code	Name	Description
7	Terminated	Terminated
8	PendingVerification	Pending verification. Used in reports from the SDR to the regulator and to trading parties to indicate that the trade details have not been verified by one or both parties.
9	DeemedVerified	Deemed verified. Used in reports from the SDR to the regulator and to trading parties to indicate that the trade details are deemed verified by the SDR but have not been confirmed by the trading parties.
10	Verified	Verified. Used in reports from the SDR to the regulator and to trading parties to indicate that the trade details have been confirmed by the trading parties.
11	Disputed	Disputed. Used in reports from the SDR to the regulator and to trading parties to indicate that the trade details have been disputed by a trading party.

Used in messages: [TradeCaptureReport](#), [TradeCaptureReportAck](#)

### 170.2.5350 TrdSessLstGrp

Name	Mult.	Type	Description
NoTradingSessions	[1..1]	NumInGroup	
TradingSessionID	[1..1]	CodeSet	Identifier for Trading Session
TradingSessionSubID	[0..1]	CodeSet	
TradSesUpdateAction	[0..1]	CodeSet	
SecurityExchange	[0..1]	Exchange	
MarketID	[0..1]	Exchange	Market for which Trading Session applies
MarketSegmentID	[0..1]	String	Market Segment for which Trading Session applies
TradingSessionDesc	[0..1]	String	
TradSesMethod	[0..1]	CodeSet	Method of Trading
TradSesMode	[0..1]	CodeSet	Trading Session Mode
UnsolicitedIndicator	[0..1]	CodeSet	"Y" if message is sent unsolicited as a result of a previous subscription request.
TradSesStatus	[1..1]	CodeSet	State of trading session.
TradSesStatusRejReason	[0..1]	CodeSet	Used with TradSesStatus = "Request Rejected"
TradSesStartTime	[0..1]	UTCTimestamp	Starting time of trading session

Name	Mult.	Type	Description
TradSesOpenTime	[0..1]	UTCTimestamp	Time of the opening of the trading session
TradSesPreCloseTime	[0..1]	UTCTimestamp	Time of pre-close of trading session
TradSesCloseTime	[0..1]	UTCTimestamp	Closing time of trading session
TradSesEndTime	[0..1]	UTCTimestamp	End time of trading session
TotalVolumeTraded	[0..1]	Qty	
TradingSessionRules	[0..1]	Component	Insert here the set of "TradingSessionRules" fields defined in "common components of application messages"
TransactTime	[0..1]	UTCTimestamp	
Text	[0..1]	String	
EncodedTextLen	[0..1]	Length	Must be set if EncodedText field is specified and must immediately precede it.
EncodedText	[0..1]	data	Encoded (non-ASCII characters) representation of the Text field in the encoded format specified via the MessageEncoding field.

Used in messages: [TradingSessionList](#), [TradingSessionListUpdateReport](#)

### 170.2.5351 TrdSubType

Further qualification to the trade type

Type: [int](#)

Allowed values in TrdSubTypeCodeSet:

Code	Name	Description
0	CMTA	CMTA
1	InternalTransferOrAdjustment	Internal transfer or adjustment
2	ExternalTransferOrTransferOfAccount	External transfer or transfer of account
3	RejectForSubmittingSide	Reject for submitting side
4	AdvisoryForContraSide	Advisory for contra side
5	OffsetDueToAnAllocation	Offset due to an allocation
6	OnsetDueToAnAllocation	Onset due to an allocation
7	DifferentialSpread	Differential spread



<b>Code</b>	<b>Name</b>	<b>Description</b>
8	ImpliedSpreadLegExecutedAgainstAnOutright	Implied spread leg executed against an outright
9	TransactionFromExercise	Transaction from exercise
10	TransactionFromAssignment	Transaction from assignment
11	ACATS	ACATS
14	AI	AI (Automated input facility disabled in response to an exchange request.)
15	B	B (Transaction between two member firms where neither member firm is registered as a market maker in the security in question and neither is a designated fund manager. Also used by broker dealers when dealing with another broker which is not a member firm. Non-order book securities only.)
16	K	K (Transaction using block trade facility.)
17	LC	LC (Correction submitted more than three days after publication of the original trade report.)
18	M	M (Transaction, other than a transaction resulting from a stock swap or stock switch, between two market makers registered in that security including IDB or a public display system trades. Non-order book securities only.)
19	N	N (Non-protected portfolio transaction or a fully disclosed portfolio transaction)
20	NM	NM ( i) transaction where Exchange has granted permission for non-publication. ii)IDB is reporting as seller. iii) submitting a transaction report to the Exchange, where the transaction report is not also a trade report.)
21	NR	NR (Non-risk transaction in a SEATS security other than an AIM security)
22	P	P (Protected portfolio transaction or a worked principal agreement to effect a portfolio transaction which includes order book securities)
23	PA	PA (Protected transaction notification)
24	PC	PC (Contra trade for transaction which took place on a previous day and which was automatically executed on the Exchange trading system)
25	PN	PN (Worked principal notification for a portfolio transaction which includes order book securities)

Code	Name	Description
26	R	R ( (i) riskless principal transaction between non-members where the buying and selling transactions are executed at different prices or on different terms (requires a trade report with trade type indicator R for each transaction). (ii) market maker is reporting all the legs of a riskless principal transaction where the buying and selling transactions are executed at different prices (requires a trade report with trade type indicator R for each transaction) or. (iii) market maker is reporting the onward leg of a riskless principal transaction where the legs are executed at different prices, and another market maker has submitted a trade report using trade type indicator M for the first leg (this requires a single trade report with trade type indicator R).)
27	RO	RO (Transaction which resulted from the exercise of a traditional option or a stock-settled covered warrant)
28	RT	RT (Risk transaction in a SEATS security, (excluding AIM security) reported by a market maker registered in that security)
29	SW	SW (Transactions resulting from stock swap or a stock switch (one report is required for each line of stock))
30	T	T (If reporting a single protected transaction)
31	WN	WN (Worked principal notification for a single order book security)
32	WT	WT (Worked principal transaction (other than a portfolio transaction))
33	OffHoursTrade	Off Hours Trade
34	OnHoursTrade	On Hours Trade
35	OTCQuote	OTC Quote
36	ConvertedSWAP	Converted SWAP
37	CrossedTrade	Crossed Trade (X)
38	InterimProtectedTrade	Interim Protected Trade (I)
39	LargeInScale	Large in Scale (L)
40	WashTrade	Wash Trade
41	TradeAtSettlement	Trade at Settlement (TAS). Identifies a trade that will be priced using the settlement price.
42	AuctionTrade	Auction Trade. Mutually exclusive with TrdSubType(829) = 50 (Balancing).

Code	Name	Description
43	TradeAtMarker	Trade at Marker (TAM). Posted at a specific time each day and used to price the consummated trade for the product/month/strip executed (+/- and differentials). Closely related to TAS trades in function and trade practice.
44	CreditDefault	Default (Credit Event)
45	CreditRestructuring	Restructuring (credit event)
46	Merger	Merger (succession event)
47	SpinOff	Spin-off (succession event)
48	MultilateralCompression	Multilateral compression. Used to identify a special case of compression between multiple parties, e.g. for netted or portfolio trades.
50	Balancing	Balancing. Identifies an additional trade distributed to auction participants meant to resolve an imbalance between bids and offers. Mutually exclusive with TrdSubType(829) = 42 =(Auction).
51	BasisTradeIndexClose	Basis Trade index Close (BTIC). The marketplace name given to Trade at Marker (TAM) transactions in equity index futures.
52	TradeAtCashOpen	Trade At Cash Open (TACO). The marketplace name given to trading futures based on an opening quote of the underlying cash market.
53	TrdSubmitVenueClrSettl	Trade submitted to venue for clearing and settlement. Identifies trades brought on a trading venue purely for clearing and settlement purposes.
54	BilateralCompression	Bilateral compression. Used to identify a special case of compression between two parties, e.g. for netted or portfolio trades.

Used in groups: [MDFullGrp](#), [MDIncGrp](#)

Used in messages: [AllocationInstruction](#), [AllocationInstructionAlert](#), [AllocationReport](#), [Confirmation](#), [ExecutionReport](#), [TradeCaptureReport](#), [TradeCaptureReportAck](#), [TradeCaptureReportRequest](#), [TradeMatchReport](#)

### 170.2.5352 TrdType

Type of trade assigned to a trade. SecondaryTrdType(855) and TertiaryTrdType(2896) may be used in addition to TrdType(828) to assign up to three different trade types to a single trade.

Type: [int](#)

Allowed values in TrdTypeCodeSet:

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	RegularTrade	Regular trade
1	BlockTrade	Block trade
2	EFP	Exchange for physical (EFP)
3	Transfer	Transfer
4	LateTrade	Late trade
5	TTrade	T trade
6	WeightedAveragePriceTrade	Weighted average price trade
7	BunchedTrade	Bunched trade
8	LateBunchedTrade	Late bunched trade
9	PriorReferencePriceTrade	Prior reference price trade
10	AfterHoursTrade	After hours trade
11	ExchangeForRisk	Exchange for risk (EFR)
12	ExchangeForSwap	Exchange for swap (EFS)
13	ExchangeOfFuturesFor	Exchange of futures for in market futures (EFM). For example full sized for mini.
14	ExchangeOfOptionsForOptions	Exchange of options for options (EOO)
15	TradingAtSettlement	Trading at settlement
16	AllOrNone	All or none
17	FuturesLargeOrderExecution	Futures large order execution
18	ExchangeOfFuturesForFutures	Exchange of futures for external market futures (EFF)
19	OptionInterimTrade	Option interim trade
20	OptionCabinetTrade	Option cabinet trade
22	PrivatelyNegotiatedTrades	Privately negotiated trade
23	SubstitutionOfFuturesForForwards	Substitution of futures for forwards
24	ErrorTrade	Error trade
25	SpecialCumDividend	Special cum dividend (CD)
26	SpecialExDividend	Special ex dividend (XD)
27	SpecialCumCoupon	Special cum coupon (CC)
28	SpecialExCoupon	Special ex coupon (XC)
29	CashSettlement	Cash settlement (CS)
30	SpecialPrice	Special price (SP). Usually net or all-in price.
31	GuaranteedDelivery	Guaranteed delivery (GD)
32	SpecialCumRights	Special cum rights (CR)
33	SpecialExRights	Special ex rights (XR)

Code	Name	Description
34	SpecialCumCapitalRepayments	Special cum capital repayments (CP)
35	SpecialExCapitalRepayments	Special ex capital repayments (XP)
36	SpecialCumBonus	Special cum bonus (CB)
37	SpecialExBonus	Special ex bonus (XB)
38	LargeTrade	Block trade. The same as large trade.
39	WorkedPrincipalTrade	Worked principal trade
40	BlockTrades	Block trades
41	NameChange	Name change
42	PortfolioTransfer	Portfolio transfer
43	ProrogationBuy	Prorogation buy. Used by Euronext Paris only. Is used to defer settlement under French SRD (deferred settlement system). Trades must be reported as crosses at zero price.
44	ProrogationSell	Prorogation sell. See prorogation buy.
45	OptionExercise	Option exercise
46	DeltaNeutralTransaction	Delta neutral transaction
47	FinancingTransaction	Financing transaction
48	NonStandardSettlement	Non-standard settlement
49	DerivativeRelatedTransaction	Derivative related transaction
50	PortfolioTrade	Portfolio trade. Identifies a collection/basket of trades. In the context of bonds (e.g. corporate bonds) these are transacted as a single trade at an aggregate price for the entire portfolio and may be traded all-or-none or most-or-none depending on bilateral agreement. In the context of ESMA RTS 1 Article 2(b), may be used to refer to portfolio trades to distinguish between addressable and non-addressable volume. In the context of Market Model Typology (MMT), use of this value applies to SecondaryTrdType(855) or TertiaryTrdType(2896), and when used for MMT market data publication requires MDEntryType(269) = 2 (Trade).
51	VolumeWeightedAverageTrade	Volume weighted average trade
52	ExchangeGrantedTrade	Exchange granted trade
53	RepurchaseAgreement	Repurchase agreement
54	OTC	OTC. Trade executed off-market. In the context of CFTC regulatory reporting for swaps, it is a large notional off-facility swap. In the context of MiFID transparency reporting rules this is used to report, into an exchange, deals made outside exchange rules.
55	ExchangeBasisFacility	Exchange basis facility (EBF)

Code	Name	Description
56	OpeningTrade	Opening trade. Identifies a trade that resulted from the opening of a market. In the context of IIROC, this indicates a trade that occurred at the opening or the first trade of the day for a security.
57	NettedTrade	Netted trade
58	BlockSwapTrade	Block swap trade. Block trade executed off-market or on a registered market. In the context of CFTC regulatory reporting for swaps, it is a swap executed according to SEF or DCM rules.
59	CreditEventTrade	Credit event trade
60	SuccessionEventTrade	Succession event trade
61	GiveUpGiveInTrade	Give-up Give-in trade
62	DarkTrade	Dark trade. In the context of Market Model Typology (MMT), a dark trade might also come from a lit/hybrid book (e.g. when an aggressive lit order hits a resting dark order). The use of this value applies to TrdType(828), and when used for MMT market data publication requires MDEntryType(269) = 2 (Trade).
63	TechnicalTrade	Technical trade
64	Benchmark	Benchmark. In the context of ESMA RTS 1 Article 2(a), may be used to refer to benchmark trades. In the context of Market Model Typology (MMT), the "benchmark" price depends on a benchmark which has no current price but was derived from a time series such as a VWAP. The use of this value applies to SecondaryTrdType(855) or TertiaryTrdType(2896), and when used for MMT market data publication requires MDEntryType(269) = 2 (Trade).
65	PackageTrade	Package trade. May be used to identify the pseudo-trade of a stream or collection of trades to be transacted, cleared and be reported as an atomic unit. In the context of MiFIR RTS 1, this is the "CONT" flag. In the context of MiFIR RTS 2 Article 1(1)(b), may be used to refer to package transactions (excluding exchange for physicals). In the context of Market Model Typology (MMT), use of this value applies to SecondaryTrdType(855) or TertiaryTrdType(2896), and when used for MMT market data publication requires MDEntryType(269) = 2 (Trade).
66	RollTrade	Roll trade. Trade is a roll from one contract that is about to expire to a new contract.

---

Code	Name	Description
67	ClosingPriceTrade	Closing price trade. Identifies a trade that uses the closing price of a market without resulting from the closing of this market. In the context of FCA policy statement PS23/4, this indicates a benchmark transaction executed using the market closing price and is the "CLSE" flag.

---

Used in groups: [MDFullGrp](#), [MDIncGrp](#), [QuotReqGrp](#)

Used in messages: [AllocationInstruction](#), [AllocationInstructionAlert](#), [AllocationReport](#), [Confirmation](#), [ExecutionReport](#), [Quote](#), [QuoteResponse](#), [TradeCaptureReport](#), [TradeCaptureReportAck](#), [TradeCaptureReportRequest](#), [TradeMatchReport](#)

### 170.2.5353 TriggerAction

Defines the type of action to take when the trigger hits.

Type: [char](#)

Allowed values in TriggerActionCodeSet:

---

Code	Name	Description
1	Activate	Activate
2	Modify	Modify
3	Cancel	Cancel

---

Used in components: [TriggeringInstruction](#)

### 170.2.5354 Triggered

Indicates whether order has been triggered during its lifetime. Applies to cases where original information, e.g. [OrdType\(40\)](#), is modified when the order is triggered.

Type: [int](#)

Allowed values in TriggeredCodeSet:

Code	Name	Description
0	NotTriggered	Not triggered (default)
1	Triggered	Triggered
2	StopOrderTriggered	Stop order triggered
3	OCOOrderTriggered	One Cancels the Other (OCO) order triggered
4	OTOOrderTriggered	One Triggers the Other (OTO) order triggered
5	OUOOrderTriggered	One Updates the Other (OUO) order triggered

Used in messages: [ExecutionReport](#)

### 170.2.5355 TriggeringInstruction

The TriggeringInstruction component block specifies the conditions under which an order will be triggered by related market events as well as the behavior of the order in the market once it is triggered.

Name	Mult.	Type	Description
TriggerType	[0..1]	CodeSet	Required if any other Triggering tags are specified.
TriggerAction	[0..1]	CodeSet	
TriggerScope	[0..1]	CodeSet	Conditionally required when TriggerAction(1101)=3 (Cancel).
TriggerPrice	[0..1]	Price	Only relevant and required for TriggerAction = 1
TriggerSymbol	[0..1]	String	Only relevant and required for TriggerAction = 1
TriggerSecurityID	[0..1]	String	Requires TriggerSecurityIDSource if specified. Only relevant and required for TriggerAction = 1
TriggerSecurityIDSource	[0..1]	CodeSet	Requires TriggerSecurityIDSource if specified. Only relevant and required for TriggerAction = 1
TriggerSecurityDesc	[0..1]	String	
TriggerPriceType	[0..1]	CodeSet	Only relevant for TriggerAction = 1
TriggerPriceTypeScope	[0..1]	CodeSet	Only relevant for TriggerAction = 1
TriggerPriceDirection	[0..1]	CodeSet	Only relevant for TriggerAction = 1
TriggerNewPrice	[0..1]	Price	Should be specified if the order changes Price.
TriggerOrderType	[0..1]	CodeSet	Should be specified if the order changes type.
TriggerNewQty	[0..1]	Qty	Required if the order should change quantity
TriggerTradingSessionID	[0..1]	CodeSet	Only relevant and required for TriggerType = 2.



Name	Mult.	Type	Description
TriggerTradingSessionSubID	[0..1]	CodeSet	Requires TriggerTradingSessionID if specified. Relevant for TriggerType = 2 only.

Used in groups: [ListOrdGrp](#)

Used in messages: [CrossOrderCancelReplaceRequest](#), [ExecutionReport](#), [MultilegOrderCancelReplace](#), [NewOrderCross](#), [NewOrderMultileg](#), [NewOrderSingle](#), [OrderCancelReplaceRequest](#)

### 170.2.5356 TriggerNewPrice

The Price that the order should have after the trigger has hit. Could be applicable for any trigger type, but must be specified for Trigger Type 1.

Type: [Price](#)

Used in components: [TriggeringInstruction](#)

### 170.2.5357 TriggerNewQty

The Quantity the order should have after the trigger has hit.

Type: [Qty](#)

Used in components: [TriggeringInstruction](#)

### 170.2.5358 TriggerOrderType

The OrdType the order should have after the trigger has hit. Required to express orders that change from Limit to Market. Other values from OrdType (40) may be used if appropriate and bilaterally agreed upon.

Type: [char](#)

Allowed values in TriggerOrderTypeCodeSet:

Code	Name	Description
1	Market	Market
2	Limit	Limit

Used in components: [TriggeringInstruction](#)

**170.2.5359 TriggerPrice**

The price at which the trigger should hit.

Type: **Price**

Used in components: **TriggeringInstruction**

**170.2.5360 TriggerPriceDirection**

The side from which the trigger price is reached.

Type: **char**

Allowed values in TriggerPriceDirectionCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
U	Up	Trigger if the price of the specified type goes UP to or through the specified Trigger Price.
D	Down	Trigger if the price of the specified type goes DOWN to or through the specified Trigger Price.

---

Used in components: **TriggeringInstruction**

**170.2.5361 TriggerPriceType**

The type of price that the trigger is compared to.

Type: **char**

Allowed values in TriggerPriceTypeCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
1	BestOffer	Best Offer
2	LastTrade	Last Trade
3	BestBid	Best Bid
4	BestBidOrLastTrade	Best Bid or Last Trade
5	BestOfferOrLastTrade	Best Offer or Last Trade
6	BestMid	Best Mid

---

Used in components: **TriggeringInstruction**

**170.2.5362 TriggerPriceTypeScope**

Defines the type of price protection the customer requires on their order.

Type: **char**

Allowed values in TriggerPriceTypeScopeCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	None	None
1	Local	Local (Exchange, ECN, ATS)
2	National	National (Across all national markets)
3	Global	Global (Across all markets)

---

Used in components: **TriggeringInstruction**

**170.2.5363 TriggerScope**

Defines the scope of TriggerAction(1101) when it is set to "cancel" (3).

Type: **int**

Allowed values in TriggerScopeCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	ThisOrder	This order (default)
1	OtherOrder	Other order (use RefID)
2	AllOtherOrdersForGivenSecurity	All other orders for the given security
3	AllOtherOrdersForGivenSecurityAnd- Price	All other orders for the given security and price
4	AllOtherOrdersForGivenSecurityAnd- Side	All other orders for the given security and side
5	AllOtherOrdersForGivenSecuri- tyPriceAndSide	All other orders for the given security, price and side

---

Used in components: **TriggeringInstruction**

**170.2.5364 TriggerSecurityDesc**

Defines the security description of the security whose prices will be tracked by the trigger logic.

Type: **String**

Used in components: **TriggeringInstruction**

**170.2.5365 TriggerSecurityID**

Defines the identity of the security whose prices will be tracked by the trigger logic.

Type: **String**

Used in components: **TriggeringInstruction**

**170.2.5366 TriggerSecurityIDSource**

Defines the identity of the security whose prices will be tracked by the trigger logic. Same values as SecurityIDSource (22).

Type: **String**

Allowed values in SecurityIDSourceCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
1	CUSIP	CUSIP
2	SEDOL	SEDOL
3	QUIK	QUIK
4	ISINNumber	ISIN
5	RICCode	RIC
6	ISOCurrencyCode	ISO Currency Code (ISO 4217)
7	ISOCountryCode	ISO Country Code
8	ExchangeSymbol	Exchange symbol
9	ConsolidatedTapeAssociation	Consolidated Tape Association (CTA) Symbol (SIAC CTS/CQS line format)
A	BloombergSymbol	Bloomberg Symbol
B	Wertpapier	Wertpapier
C	Dutch	Dutch
D	Valoren	Valoren

---

Code	Name	Description
E	Sicovam	Sicovam
F	Belgian	Belgian
G	Common	"Common" (Clearstream and Euroclear)
H	ClearingHouse	Clearing house / Clearing organization
I	ISDAFpMLSpecification	ISDA/FpML product specification (XML in SecurityXML(1185))
J	OptionPriceReportingAuthority	Option Price Reporting Authority
K	ISDAFpMLURL	ISDA/FpML product URL (URL in SecurityID(48))
L	LetterOfCredit	Letter of credit
M	MarketplaceAssignedIdentifier	Marketplace-assigned Identifier
N	MarkitREDEntityCLIP	Markit RED entity CLIP
P	MarkitREDPairCLIP	Markit RED pair CLIP
Q	CFTCCommodityCode	CFTC commodity code
R	ISDACommodityReferencePrice	ISDA Commodity Reference Price
S	FinancialInstrumentGlobalIdentifier	Financial Instrument Global Identifier. An Object Management Group (OMG) standard. Also referred to as FIGI. Formerly known as "Bloomberg Open Symbology BBGID".
T	LegalEntityIdentifier	Legal entity identifier
U	Synthetic	Synthetic. Used to specify that the security identifier is synthetic for linking nested underliers when there is no market identifier for the collection.
V	FidessaInstrumentMnemonic	Fidessa Instrument Mnemonic (FIM)
W	IndexName	Index name. Standard name of the index or rate index, e.g. "LIBOR" or "iTraxx Australia".
X	UniformSymbol	Uniform Symbol (UMTF Symbol)
Y	DigitalTokenIdentifier	Digital Token Identifier (ISO 24165)

Used in components: [TriggeringInstruction](#)

### 170.2.5367 TriggerSymbol

Defines the common, 'human understood' representation of the security whose prices will be tracked by the trigger logic.

Type: [String](#)

Used in components: [TriggeringInstruction](#)

**170.2.5368 TriggerTradingSessionID**

Defines the trading session at which the order will be activated.

Type: **String**

Allowed values in TradingSessionIDCodeSet:

---

Code	Name	Description
1	Day	Day
2	HalfDay	HalfDay
3	Morning	Morning
4	Afternoon	Afternoon
5	Evening	Evening
6	AfterHours	After-hours
7	Holiday	Holiday

---

Used in components: **TriggeringInstruction**

**170.2.5369 TriggerTradingSessionSubID**

Defines the subordinate trading session at which the order will be activated.

Type: **String**

Allowed values in TradingSessionSubIDCodeSet:

---

Code	Name	Description
1	PreTrading	Pre-Trading
2	OpeningOrOpeningAuction	Opening or opening auction
3	Continuous	(Continuous) Trading
4	ClosingOrClosingAuction	Closing or closing auction
5	PostTrading	Post-Trading
6	ScheduledIntradayAuction	Scheduled intraday auction
7	Quiescent	Quiescent
8	AnyAuction	Any auction
9	UnscheduledIntradayAuction	Unscheduled intraday auction. An unscheduled intraday auction might be triggered by a circuit breaker.

---

Code	Name	Description
10	OutOfMainSessionTrading	Out of main session trading. In the context of Market Model Typology "Out of main session trading" refers to both before and after session, neither auction nor continuous trading.
11	PrivateAuction	Private auction. An auction phase where only two parties participate.
12	PublicAuction	Public auction. An auction phase where all trading parties participate.
13	GroupAuction	Group auction. An auction phase limited to specific parties (e.g. parties that have resting orders in the order book).
14	OrderInitiatedAuction	Order initiated auction. Auction automatically triggered by an order, e.g. an incoming order or a resting order that can be matched based on an incoming order. Use 9="Unscheduled intraday auction" for any other auctions that are not scheduled. In the context of Market Model Topology, this can be used for an on demand auction (a.k.a. frequent batched auction).

Used in components: [TriggeringInstruction](#)

### 170.2.5370 TriggerType

Defines when the trigger will hit, i.e. the action specified by the trigger instructions will come into effect.

Type: [char](#)

Allowed values in TriggerTypeCodeSet:

Code	Name	Description
1	PartialExecution	Partial Execution
2	SpecifiedTradingSession	Specified Trading Session
3	NextAuction	Next Auction
4	PriceMovement	Price Movement
5	OnOrderEntryOrModification	On Order Entry or order modification entry

Used in components: [TriggeringInstruction](#)

**170.2.5371 TZTransactTime**

Transact time in the local date-time stamp with a TZ offset to UTC identified

Type: [TZTimestamp](#)

Used in messages: [TradeCaptureReport](#)

**170.2.5372 UnderlyingAccruedInterestAmt**

Amount of accrued interest of underlying security.

Type: [Amt](#)

Used in components: [UnderlyingInstrument](#)

**170.2.5373 UnderlyingAdditionalDividendsIndicator**

Indicates whether additional dividends are applicable.

Type: [Boolean](#)

Used in components: [UnderlyingDividendConditions](#)

**170.2.5374 UnderlyingAdditionalTermBondCouponFrequencyPeriod**

Time unit multiplier for the frequency of the bond's coupon payment.

Type: [int](#)

Used in groups: [UnderlyingAdditionalTermBondRefGrp](#)

**170.2.5375 UnderlyingAdditionalTermBondCouponFrequencyUnit**

Time unit associated with the frequency of the bond's coupon payment.

Type: [String](#)

Allowed values in CouponFrequencyUnitCodeSet:

---

Code	Name	Description
D	Day	Day
Wk	Week	Week

---



---

Code	Name	Description
Mo	Month	Month
Yr	Year	Year
H	Hour	Hour
Min	Minute	Minute
S	Second	Second
T	Term	Term

---

Used in groups: [UnderlyingAdditionalTermBondRefGrp](#)

### **170.2.5376 UnderlyingAdditionalTermBondCouponRate**

Coupon rate of the bond. See also [CouponRate\(223\)](#).

Type: [Percentage](#)

Used in groups: [UnderlyingAdditionalTermBondRefGrp](#)

### **170.2.5377 UnderlyingAdditionalTermBondCouponType**

Coupon type of the bond.

Type: [int](#)

Allowed values in [CouponTypeCodeSet](#):

---

Code	Name	Description
0	Zero	Zero
1	FixedRate	Fixed rate
2	FloatingRate	Floating rate
3	Structured	Structured

---

Used in groups: [UnderlyingAdditionalTermBondRefGrp](#)

### **170.2.5378 UnderlyingAdditionalTermBondCurrency**

Specifies the currency the bond value is denominated in. Uses ISO 4217 currency codes.

Type: **Currency**

Used in groups: **UnderlyingAdditionalTermBondRefGrp**

### **170.2.5379 UnderlyingAdditionalTermBondCurrentTotalIssuedAmount**

Total issued amount of the bond.

Type: **Amt**

Used in groups: **UnderlyingAdditionalTermBondRefGrp**

### **170.2.5380 UnderlyingAdditionalTermBondDayCount**

The day count convention used in interest calculations for a bond or an interest bearing security.

Type: **int**

Allowed values in CouponDayCountCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	OneOne	1/1. If parties specify the Day Count Fraction to be 1/1 then in calculating the applicable amount, 1 is simply input into the calculation as the relevant Day Count Fraction. See also 2006 ISDA Definitions, Section 4.16. Day Count Fraction, paragraph (a).
1	ThirtyThreeSixtyUS	30/360 (30U/360 or Bond Basis). See also ISO 15022 MICO code 'A001'.
2	ThirtyThreeSixtySIA	30/360 (SIA). A variant of "30/360" - when Date1 and Date2 are both Feb. 28th or 29th convert them to 30th using the same logic in the conversion of 31st to 30th.
3	ThirtyThreeSixtyM	30/360M. Commonly used day count convention for US mortgage backed securities. Feb 28th (or 29th in a leap year) is always considered as a 30th for a start date. As a comparison, in the regular 30/360 day count as used by most US agency and corporate bonds, a start date of Feb 28th (or 29th in a leap year) is still considered as the 28th (or 29th) day of a month of 30 days.
4	ThirtyEThreeSixty	30E/360 (Eurobond Basis). See also ISO 15022 MICO code 'A007'.

---

Code	Name	Description
5	ThirtyEThreeSixtyISDA	30E/360 (ISDA). Date adjustment rules are: (1) if Date1 is the last day of the month, then change Date1 to 30; (2) if D2 is the last day of the month (unless Date2 is the maturity date and Date2 is in February), then change Date2 to 30. See also 2006 ISDA Definitions, Section 4.16. Day Count Fraction, paragraph (h).
6	ActThreeSixty	Act/360. See also ISO 15022 MICO code 'A004'.
7	ActThreeSixtyFiveFixed	Act/365 (FIXED). See also ISO 15022 MICO code 'A005'.
8	ActActAFB	Act/Act (AFB). See also ISO 15022 MICO code 'A010'.
9	ActActICMA	Act/Act (ICMA). See also ISO 15022 MICO code 'A006'.
10	ActActISMAUltimo	Act/Act (ICMA Ultimo). The Act/Act (ICMA Ultimo) differs from Act/Act (ICMA) method only that it assumes that regular coupons always fall on the last day of the month.
11	ActActISDA	Act/Act (ISDA). See also ISO 15022 MICO code 'A008'.
12	BusTwoFiftyTwo	BUS/252. Used for Brazilian Real swaps, which is based on business days instead of calendar days. The number of business days divided by 252.
13	ThirtyEPlusThreeSixty	30E+/360. Variation on 30E/360. Date adjustment rules: (1) If Date1 falls on the 31st, then change it to the 30th; (2) If Date2 falls on the 31st, then change it to 1 and increase Month2 by one, i.e. next month.
14	ActThreeSixtyFiveL	Act/365L. See also ISO 15022 MICO code 'A009'.
15	NLThreeSixtyFive	NL365. See also ISO 15022 MICO code 'A014'.
16	NLThreeSixty	NL360. This is the same as Act/360, with the exception of leap days (29th February) which are ignored.
17	Act364	Act/364. The actual number of days between Date1 and Date2, divided by 364.
18	ThirtyThreeSixtyFive	30/365. Interest is calculated based on a 30-day month in a way similar to the 30/360 (basic rule) and a 365-day year. Accrued interest to a value date on the last day of a month shall be the same as to the 30th calendar day of the same month, except for February. This means that a 31 is assumed to be a 30 and the 28 February (or 29 February for a leap year) is assumed to be a 28 (or 29). See also ISO 15022 MICO code 'A002'.

<b>Code</b>	<b>Name</b>	<b>Description</b>
19	ThirtyActual	30/Actual. Interest is calculated based on a 30-day month in a way similar to the 30/360 (basic rule) and the assumed number of days in a year in a way similar to the Actual/Actual (ICMA). Accrued interest to a value date on the last day of a month shall be the same as to the 30th calendar day of the same month, except for February. This means that a 31 is assumed to be a 30 and the 28 February (or 29 February for a leap year) is assumed to be a 28 (or 29). The assumed number of days in a year is computed as the actual number of days in the coupon period multiplied by the number of interest payments in the year. See also ISO 15022 MICO code 'A003'.
20	ThirtyThreeSixtyICMA	30/360 (ICMA or basis rule). Interest is calculated based on a 30-day month and a 360-day year. Accrued interest to a value date on the last day of a month shall be the same as to the 30 calendar day of the same month, except for February. This means that a 31 is assumed to be a 30 and the 28 February (or 29 February for a leap year) is assumed to be a 28 (or 29). It is the most commonly used 30/360 method for non-US straight and convertible bonds issued before 1 January 1999. See also ISO 15022 MICO code 'A011'.
21	ThirtyETwoThreeSixty	30E2/360 (Eurobond basis model two). Interest is calculated based on a 30-day month and a 360-day year. Accrued interest to a value date on the last day of a month shall be the same as to the 30th calendar day of the same month, except for the last day of February whose day of the month value shall be adapted to the value of the first day of the interest period if the latter is higher and if the period is one of a regular schedule. This means that a 31 is assumed to be a 30 and the 28 February of a non-leap year is assumed to be equivalent to a 29 February when the first day of the interest period is a 29, or to a 30 February when the first day of the interest period is a 30 or a 31. The 29 February of a leap year is assumed to be equivalent to a 30 February when the first day of the interest period is a 30 or a 31. Similarly, if the coupon period starts on the last day of February, it is assumed to produce only one day of interest in February as if it was starting on a 30 February when the end of the period is a 30 or a 31, or two days of interest in February when the end of the period is a 29, or three days of interest in February when it is the 28 February of a non-leap year and the end of the period is before the 29. See also ISO 15022 MICO code 'A012'.

Code	Name	Description
22	ThirtyEThreeThreeSixty	30E3/360 (Eurobond basis model three). Interest is calculated based on a 30-day month and a 360-day year. Accrued interest to a value date on the last day of a month shall be the same as to the 30th calendar day of the same month. This means that a 31 is assumed to be a 30 and the 28 February (or 29 February for a leap year) is assumed to be equivalent to a 30 February. It is a variation of the 30E/360 (or Eurobond basis) method where the last day of February is always assumed to be a 30, even if it is the last day of the maturity coupon period. See also ISO 15022 MICO code 'A013'.
99	Other	Other. For other day count method. See also ISO 15022 MICO code 'OTHR'.

Used in groups: [UnderlyingAdditionalTermBondRefGrp](#)

#### **170.2.5381 UnderlyingAdditionalTermBondDesc**

Description of the bond.

Type: [String](#)

Used in groups: [UnderlyingAdditionalTermBondRefGrp](#)

#### **170.2.5382 UnderlyingAdditionalTermBondIssuer**

Issuer of the bond.

Type: [String](#)

Used in groups: [UnderlyingAdditionalTermBondRefGrp](#)

#### **170.2.5383 UnderlyingAdditionalTermBondMaturityDate**

The maturity date of the bond.

Type: [LocalMktDate](#)

Used in groups: [UnderlyingAdditionalTermBondRefGrp](#)

**170.2.5384 UnderlyingAdditionalTermBondParValue**

The par value of the bond.

Type: **Amt**

Used in groups: **UnderlyingAdditionalTermBondRefGrp**

**170.2.5385 UnderlyingAdditionalTermBondRefGrp**

The UnderlyingAdditionalTermBondRefGrp is a repeating group subcomponent of the UnderlyingAdditionalTermGrp component used to identify an underlying reference bond for a swap.

Name	Mult.	Type	Description
NoUnderlyingAdditionalTermBondRefs	[1..1]	NumInGroup	
UnderlyingAdditionalTermBondSecurityID	[0..1]	String	Required if NoUnderlyingAdditionalTermBondRefs(41340) > 0.
UnderlyingAdditionalTermBondSecurityIDSource	[0..1]	CodeSet	Conditionally required when UnderlyingAdditionalTermBondSecurityID(41341) is specified.
UnderlyingAdditionalTermBondDesc	[0..1]	String	
EncodedUnderlyingAdditionalTermBondDescLen	[0..1]	Length	Must be set if EncodedUnderlyingAdditionalTermBondDesc(41709) field is specified and must immediately precede it.
EncodedUnderlyingAdditionalTermBondDesc	[0..1]	data	Encoded (non-ASCII characters) representation of the UnderlyingAdditionalTermBondDesc(41709) field in the encoded format specified via the MessageEncoding(347) field.
UnderlyingAdditionalTermBondCurrency	[0..1]	Currency	
UnderlyingAdditionalTermBondIssuer	[0..1]	String	
EncodedUnderlyingAdditionalTermBondIssuerLen	[0..1]	Length	Must be set if EncodedUnderlyingAdditionalTermBondIssuer(42017) field is specified and must immediately precede it.
EncodedUnderlyingAdditionalTermBondIssuer	[0..1]	data	Encoded (non-ASCII characters) representation of the UnderlyingAdditionalTermBondIssuer(42017) field in the encoded format specified via the MessageEncoding(347) field.
UnderlyingAdditionalTermBondSeniority	[0..1]	CodeSet	

Name	Mult.	Type	Description
UnderlyingAdditionalTermBond-CouponType	[0..1]	CodeSet	
UnderlyingAdditionalTermBond-CouponRate	[0..1]	Percentage	
UnderlyingAdditionalTermBondMaturityDate	[0..1]	LocalMktDate	
UnderlyingAdditionalTermBondPar-Value	[0..1]	Amt	
UnderlyingAdditionalTermBondCurrentTotalIssuedAmount	[0..1]	Amt	
UnderlyingAdditionalTermBond-CouponFrequencyPeriod	[0..1]	int	Conditionally required when UnderlyingAdditionalTermBondCouponFrequencyUnit(42034) is specified.
UnderlyingAdditionalTermBond-CouponFrequencyUnit	[0..1]	CodeSet	Conditionally required when UnderlyingAdditionalTermBondCouponFrequencyPeriod(42033) is specified.
UnderlyingAdditionalTermBondDay-Count	[0..1]	CodeSet	

Used in groups: [UnderlyingAdditionalTermGrp](#)

### 170.2.5386 UnderlyingAdditionalTermBondSecurityID

Security identifier of the bond.

Type: [String](#)

Used in groups: [UnderlyingAdditionalTermBondRefGrp](#)

### 170.2.5387 UnderlyingAdditionalTermBondSecurityIDSource

Identifies the source scheme of the UnderlyingAdditionalTermBondSecurityID(41341) value.

Type: [String](#)

Allowed values in SecurityIDSourceCodeSet:

<b>Code</b>	<b>Name</b>	<b>Description</b>
1	CUSIP	CUSIP
2	SEDOL	SEDOL
3	QUIK	QUIK
4	ISINNumber	ISIN
5	RICCode	RIC
6	ISOCurrencyCode	ISO Currency Code (ISO 4217)
7	ISOCountryCode	ISO Country Code
8	ExchangeSymbol	Exchange symbol
9	ConsolidatedTapeAssociation	Consolidated Tape Association (CTA) Symbol (SIAC CTS/CQS line format)
A	BloombergSymbol	Bloomberg Symbol
B	Wertpapier	Wertpapier
C	Dutch	Dutch
D	Valoren	Valoren
E	Sicovam	Sicovam
F	Belgian	Belgian
G	Common	"Common" (Clearstream and Euroclear)
H	ClearingHouse	Clearing house / Clearing organization
I	ISDAFpMLSpecification	ISDA/FpML product specification (XML in SecurityXML(1185))
J	OptionPriceReportingAuthority	Option Price Reporting Authority
K	ISDAFpMLURL	ISDA/FpML product URL (URL in SecurityID(48))
L	LetterOfCredit	Letter of credit
M	MarketplaceAssignedIdentifier	Marketplace-assigned Identifier
N	MarkitREDEntityCLIP	Markit RED entity CLIP
P	MarkitREDPairCLIP	Markit RED pair CLIP
Q	CFTCCommodityCode	CFTC commodity code
R	ISDACommodityReferencePrice	ISDA Commodity Reference Price
S	FinancialInstrumentGlobalIdentifier	Financial Instrument Global Identifier. An Object Management Group (OMG) standard. Also referred to as FIGI. Formerly known as "Bloomberg Open Symbology BBGID".
T	LegalEntityIdentifier	Legal entity identifier
U	Synthetic	Synthetic. Used to specify that the security identifier is synthetic for linking nested underliers when there is no market identifier for the collection.
V	FidessaInstrumentMnemonic	Fidessa Instrument Mnemonic (FIM)



Code	Name	Description
W	IndexName	Index name. Standard name of the index or rate index, e.g. "LIBOR" or "iTraxx Australia".
X	UniformSymbol	Uniform Symbol (UMTF Symbol)
Y	DigitalTokenIdentifier	Digital Token Identifier (ISO 24165)

Used in groups: [UnderlyingAdditionalTermBondRefGrp](#)

### 170.2.5388 UnderlyingAdditionalTermBondSeniority

Specifies the bond's payment priority in the event of a default.

Type: [String](#)

Allowed values in SeniorityCodeSet:

Code	Name	Description
SD	SeniorSecured	Senior Secured
SR	Senior	Senior
SB	Subordinated	Subordinated
JR	Junior	Junior. In the context of MiFID II this value is used as identified in RTS 23 Annex I Table 3 Field 23 "Seniority of the bond".
MZ	Mezzanine	Mezzanine. In the context of MiFID II this value is used as identified in RTS 23 Annex I Table 3 Field 23 "Seniority of the bond".
SN	SeniorNonPreferred	Senior Non-Preferred. For CDS reference obligations of non-preferred senior debt issued by European Financials that constitute a layer of debt ranking between the bank's normal senior debt but above the bank's normal tier 2 subordinated debt (reference: ISDA Credit Market Infrastructure Group).

Used in groups: [UnderlyingAdditionalTermBondRefGrp](#)

### 170.2.5389 UnderlyingAdditionalTermConditionPrecedentBondIndicator

Indicates whether the condition precedent bond is applicable. The swap contract is only valid if the bond is issued and if there is any dispute over the terms of fixed stream then the bond terms would be used.

Type: **Boolean**

Used in groups: **UnderlyingAdditionalTermGrp**

### **170.2.5390 UnderlyingAdditionalTermDiscrepancyClauseIndicator**

Indicates whether the discrepancy clause is applicable.

Type: **Boolean**

Used in groups: **UnderlyingAdditionalTermGrp**

### **170.2.5391 UnderlyingAdditionalTermGrp**

The UnderlyingAdditionalTermGrp is a repeating subcomponent of the UnderlyingInstrument component used to report additional contract terms.

<b>Name</b>	<b>Mult.</b>	<b>Type</b>	<b>Description</b>
<b>NoUnderlyingAdditionalTerms</b>	[1..1]	NumInGroup	
<b>UnderlyingAdditionalTermCondition-PrecedentBondIndicator</b>	[0..1]	Boolean	Required if NoUnderlyingAdditionalTerms(42036) > 0.
<b>UnderlyingAdditionalTermDiscrepancyClauseIndicator</b>	[0..1]	Boolean	
<b>UnderlyingAdditionalTermBondRefGrp</b>	[0..*]	Group	

Used in components: **UnderlyingInstrument**

### **170.2.5392 UnderlyingAdjustedQuantity**

Unit amount of the underlying security (shares) adjusted for pending corporate action not yet allocated.

Type: **Qty**

Used in components: **UnderlyingInstrument**

### **170.2.5393 UnderlyingAllDividendsIndicator**

Represents the European Master Confirmation value of 'All Dividends' which, when applicable, signifies that, for a given Ex-Date, the daily observed share price for that day is adjusted (reduced) by the cash

dividend and/or the cash value of any non-cash dividend per share (including extraordinary dividends) declared by the issuer.

Type: **Boolean**

Used in components: **UnderlyingDividendConditions**

### **170.2.5394 UnderlyingAllocationPercent**

Percent of the Strike Price that this underlying represents.

Type: **Percentage**

Used in components: **UnderlyingInstrument**

### **170.2.5395 UnderlyingAmount**

The UnderlyingAmount component block is used to supply the underlying amounts, dates, settlement status and method for derivative positions.

---

<b>Name</b>	<b>Mult.</b>	<b>Type</b>	<b>Description</b>
<b>NoUnderlyingAmounts</b>	[1..1]	NumInGroup	
<b>UnderlyingPayAmount</b>	[0..1]	Amt	Amount to pay in order to receive the underlying instrument.
<b>UnderlyingCollectAmount</b>	[0..1]	Amt	Amount to collect in order to deliver the underlying instrument.
<b>UnderlyingSettlementDate</b>	[0..1]	LocalMktDate	Date the underlying instrument will settle. Used for derivatives that deliver into more than one underlying instrument. Settlement dates can vary across underlying instruments.
<b>UnderlyingSettlementStatus</b>	[0..1]	String	Settlement status of the underlying instrument. Used for derivatives that deliver into more than one underlying instrument. Settlement can be delayed for an underlying instrument.

---

Used in groups: **PosUndInstrmtGrp**

### **170.2.5396 UnderlyingAssetAttributeGrp**

The UnderlyingAssetAttributeGrp is a repeating subcomponent of the UnderlyingInstrument component used to detail attributes of the instrument asset.

Name	Mult.	Type	Description
NoUnderlyingAssetAttributes	[1..1]	NumInGroup	
UnderlyingAssetAttributeType	[0..1]	String	Required if NoUnderlyingAssetAttributes(2312) > 0.
UnderlyingAssetAttributeValue	[0..1]	String	
UnderlyingAssetAttributeLimit	[0..1]	String	

Used in components: [UnderlyingInstrument](#)

#### **170.2.5397 UnderlyingAssetAttributeLimit**

Limit or lower acceptable value of the attribute.

Type: [String](#)

Used in groups: [UnderlyingAssetAttributeGrp](#)

#### **170.2.5398 UnderlyingAssetAttributeType**

Specifies the name of the attribute.

See [http://www.fixtradingcommunity.org/codelists#Asset\\_Attribute\\_Types](http://www.fixtradingcommunity.org/codelists#Asset_Attribute_Types) for code list of applicable asset attribute types.

Type: [String](#)

Used in groups: [UnderlyingAssetAttributeGrp](#)

#### **170.2.5399 UnderlyingAssetAttributeValue**

Specifies the value of the attribute.

Type: [String](#)

Used in groups: [UnderlyingAssetAttributeGrp](#)

#### **170.2.5400 UnderlyingAssetClass**

The broad asset category for assessing risk exposure.

Type: [int](#)

Allowed values in AssetClassCodeSet:

---

Code	Name	Description
1	InterestRate	Interest rate
2	Currency	Currency
3	Credit	Credit
4	Equity	Equity
5	Commodity	Commodity
6	Other	Other
7	Cash	Cash
8	Debt	Debt
9	Fund	Fund. Such as mutual fund, collective investment vehicle, investment program, specialized account program.
10	LoanFacility	Loan facility
11	Index	Index. A main index identified as a security type, for example under EU SFTR reporting.

---

Used in components: [UnderlyingInstrument](#)

### 170.2.5401 UnderlyingAssetGroup

Indicates the broad product or asset classification. May be used to provide grouping for the product taxonomy (Product(460), SecurityType(167), etc.) and/or the risk taxonomy (AssetClass(1938), AssetSubClass(1939), AssetType(1940), etc.).

Type: [int](#)

Allowed values in AssetGroupCodeSet:

---

Code	Name	Description
1	Financials	Financials. A categorization which usually includes rates, foreign exchange, credit, bonds and equity products or assets.
2	Commodities	Commodities. A categorization which usually includes hard commodities such as agricultural, metals, freight, energy products or assets.
3	AlternativeInvestments	Alternative investments. A categorization which usually includes weather, housing, and commodity indices products or assets.

---

Used in components: [UnderlyingInstrument](#)

### **170.2.5402 UnderlyingAssetSubClass**

An indication of the general description of the asset class.

Type: [int](#)

Allowed values in AssetSubClassCodeSet:

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<b>Code</b>	<b>Name</b>	<b>Description</b>
1	SingleCurrency	Single currency
2	CrossCurrency	Cross currency
3	Basket	Basket [for multi-currency]
4	SingleName	Single name
5	CreditIndex	Credit index
6	IndexTranche	Index tranche
7	CreditBasket	Credit basket
8	Exotic	Exotic
9	Common	Common
10	Preferred	Preferred
11	EquityIndex	Equity index
12	EquityBasket	Equity basket
13	Metals	Metals
14	Bullion	Bullion
15	Energy	Energy
16	CommodityIndex	Commodity index
17	Agricultural	Agricultural
18	Environmental	Environmental
19	Freight	Freight
20	Government	Government
21	Agency	Agency
22	Corporate	Corporate
23	Financing	Financing
24	MoneyMarket	Money market
25	Mortgage	Mortgage
26	Municipal	Municipal

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<b>Code</b>	<b>Name</b>	<b>Description</b>
27	MutualFund	Mutual fund
28	CollectiveInvestmentVehicle	Collective investment vehicle
29	InvestmentProgram	Investment program. A generalized fund for major investors.
30	SpecializedAccountProgram	Specialized account program. A specialized fund setup for a particular account or group of accounts.
31	TermLoan	Term loan
32	BridgeLoan	Bridge loan
33	LetterOfCredit	Letter of credit
34	DividendIndex	Dividend index
35	StockDividend	Stock dividend
36	ExchangeTradedFund	Exchange traded fund
37	VolatilityIndex	Volatility index
38	FXCrossRates	FX cross rates
39	FXEmergingMarkets	FX emerging markets
40	FXMajors	FX Majors
41	Fertilizer	Fertilizer
42	IndustrialProduct	Industrial product
43	Inflation	Inflation
44	Paper	Paper
45	Polypropylene	Polypropylene
46	OfficialEconomicStatistics	Official economic statistics
47	OtherC10	Other C10. Defined under MiFID II (Directive 2014/65/EU) Section C(10) of Annex I and paraphrased in ESMA RTS 2 Annex III Section 10, "Other C10" is a financial instrument "which is not a 'Freight derivative', any of the following interest rate derivatives sub-asset classes: 'Inflation multi-currency swap or cross-currency swap', a 'Future/forward on inflation multi-currency swaps or cross-currency swaps', an 'Inflation single currency swap', a 'Future/forward on inflation single currency swap' and any of the following equity derivatives sub-asset classes: a 'Volatility index option', a 'Volatility index future/forward', a swap with parameter return variance, a swap with parameter return volatility, a portfolio swap with parameter return variance, a portfolio swap with parameter return volatility".
48	Other	Other. May be used with any AssetClass(1938) values.

Used in components: [UnderlyingInstrument](#)

#### **170.2.5403 UnderlyingAssetSubType**

Used to provide a more specific description of the asset specified in UnderlyingAssetType(2015).

See <https://www.fixtrading.org/codelists/AssetSubType> for code list of applicable values.

Type: [String](#)

Used in components: [UnderlyingInstrument](#)

#### **170.2.5404 UnderlyingAssetType**

Used to provide more specific description of the asset specified in UnderlyingAssetSubClass(2082).

See <https://www.fixtrading.org/codelists/AssetType> for code list of applicable values. ISO 4721 Currency Code values are to be used when specific currency as an asset type is to be expressed.

Other values may be used by mutual agreement of the counterparties.

Type: [String](#)

Used in components: [UnderlyingInstrument](#)

#### **170.2.5405 UnderlyingAssignmentMethod**

Method under which assignment was conducted

Type: [char](#)

Allowed values in InstrmtAssignmentMethodCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
P	ProRata	Pro rata
R	Random	Random

---

Used in components: [UnderlyingInstrument](#)



#### **170.2.5406 UnderlyingAttachmentPoint**

See AttachmentPoint(1457).

Type: **Percentage**

Used in components: **UnderlyingInstrument**

#### **170.2.5407 UnderlyingAutomaticExerciseIndicator**

Indicates (when 'Y') that exercise is automatic when the strike price is crossed or the underlying trade is in the money.

Type: **Boolean**

Used in components: **UnderlyingOptionExercise**

#### **170.2.5408 UnderlyingAutomaticExerciseThresholdRate**

The threshold rate for triggering automatic exercise.

Type: **float**

Used in components: **UnderlyingOptionExercise**

#### **170.2.5409 UnderlyingAverageVolumeLimitationPercentage**

The limit of average percentage of individual securities traded in a day or a number of days.

Type: **Amt**

Used in components: **UnderlyingInstrument**

#### **170.2.5410 UnderlyingAverageVolumeLimitationPeriodDays**

Specifies the limitation period for average daily trading volume in number of days.

Type: **int**

Used in components: **UnderlyingInstrument**

**170.2.5411 UnderlyingBasketDivisor**

Specifies the basket divisor amount. This value is normally used to adjust the constituent weight for pricing or to adjust for dividends, or other corporate actions.

Type: **float**

Used in components: **UnderlyingInstrument**

**170.2.5412 UnderlyingBusinessCenter**

A business center whose calendar is used for date adjustment, e.g. "GBLO". See <http://www.fpml.org/coding-scheme/business-center> for standard 4-character code values.

Type: **String**

Used in groups: **UnderlyingBusinessCenterGrp**

**170.2.5413 UnderlyingBusinessCenterGrp**

UnderlyingBusinessCenterGrp is a repeating subcomponent within the UnderlyingDateAdjustment component. It is used to specify the set of business centers whose calendars drive the date adjustment. The business centers defined here apply to all adjustable dates in the instrument unless specifically overridden.

Name	Mult.	Type	Description
<b>NoUnderlyingBusinessCenters</b>	[1..1]	NumInGroup	
<b>UnderlyingBusinessCenter</b>	[0..1]	String	Required if NoUnderlyingBusinessCenters(40962) > 0.

Used in components: **UnderlyingDateAdjustment**

**170.2.5414 UnderlyingBusinessDayConvention**

The business day convention used for adjusting dates. The value defined here applies to all adjustable dates in the underlying instrument unless specifically overridden.

Type: **int**

Allowed values in BusinessDayConventionCodeSet:

Code	Name	Description
0	NotApplicable	Not applicable. Business day convention is not applicable.
1	None	None (current day)
2	FollowingDay	Following day. The following business day.
3	FloatingRateNote	Floating rate note. The FRN business day convention.
4	ModifiedFollowingDay	Modified following day. The modified following business day.
5	PrecedingDay	Preceding day. The preceding business day.
6	ModifiedPrecedingDay	Modified preceding day. The modified preceding business day.
7	NearestDay	Nearest day. The nearest applicable business day.

Used in components: [UnderlyingDateAdjustment](#)

#### **170.2.5415 UnderlyingCapPrice**

Used to express the ceiling price of a capped call.

Type: [Price](#)

Used in components: [UnderlyingInstrument](#)

#### **170.2.5416 UnderlyingCapValue**

Maximum notional value for a capped financial instrument

Type: [Amt](#)

Used in components: [UnderlyingInstrument](#)

#### **170.2.5417 UnderlyingCashAmount**

Cash amount associated with the underlying component.

Type: [Amt](#)

Used in components: [UnderlyingInstrument](#)

#### **170.2.5418 UnderlyingCashSettlAccruedInterestIndicator**

Indicates whether accrued interest is included or not in the value provided in UnderlyingCashSettlAmount(42054).

For cash settlement this specifies whether quotations should be obtained inclusive or not of accrued interest.

For physical settlement this specifies whether the buyer should deliver the obligation with an outstanding principal balance that includes or excludes accrued interest.

Type: **Boolean**

Used in groups: **UnderlyingCashSettlTermGrp**

#### **170.2.5419 UnderlyingCashSettlAmount**

The amount paid between the trade parties, seller to the buyer, for cash settlement on the cash settlement date.

Type: **Amt**

Used in groups: **UnderlyingCashSettlTermGrp**

#### **170.2.5420 UnderlyingCashSettlBusinessCenter**

Identifies the business center calendar used at valuation time for cash settlement purposes e.g. "GBLO".

See <http://www.fpml.org/coding-scheme/business-center> for standard 4-character code values.

Type: **String**

Used in groups: **UnderlyingCashSettlTermGrp**

#### **170.2.5421 UnderlyingCashSettlBusinessDays**

The number of business days used in the determination of the cash settlement payment date.

Type: **int**

Used in groups: **UnderlyingCashSettlTermGrp**

**170.2.5422 UnderlyingCashSettlCurrency**

Specifies the currency the UnderlyingCashSettlAmount(42054) is denominated in. Uses ISO 4217 currency codes.

Type: **Currency**

Used in groups: **UnderlyingCashSettlTermGrp**

**170.2.5423 UnderlyingCashSettlDateAdjusted**

The adjusted cash settlement date.

Type: **LocalMktDate**

Used in components: **UnderlyingCashSettlDate**

**170.2.5424 UnderlyingCashSettlDateBusinessCenter**

The business center calendar used for date adjustment of the cash settlement unadjusted or relative date, e.g. "GBLO".

See <http://www.fpml.org/coding-scheme/business-center> for standard 4-character code values.

Type: **String**

Used in groups: **UnderlyingCashSettlDateBusinessCenterGrp**

**170.2.5425 UnderlyingCashSettlDateBusinessCenterGrp**

UnderlyingCashSettlDateBusinessCenterGrp is a repeating subcomponent within the UnderlyingCashSettlDate component. It is used to specify the set of business centers whose calendars drive the date adjustment. Used only to override the business centers defined in the DateAdjustment component in Instrument.

---

<b>Name</b>	<b>Mult.</b>	<b>Type</b>	<b>Description</b>
<b>NoUnderlyingCashSettlDateBusinessCenters</b>	[1..1]	NumInGroup	
<b>UnderlyingCashSettlDateBusinessCenter</b>	[0..1]	String	Required if NoUnderlyingCashSettlDateBusinessCenters(42788) > 0.

---

Used in components: **UnderlyingCashSettlDate**

**170.2.5426 UnderlyingCashSettlDateBusinessDayConvention**

The business day convention used to adjust the cash settlement provision's date. Used only to override the business day convention defined in the UnderlyingInstrument component.

Type: **int**

Allowed values in BusinessDayConventionCodeSet:

Code	Name	Description
0	NotApplicable	Not applicable. Business day convention is not applicable.
1	None	None (current day)
2	FollowingDay	Following day. The following business day.
3	FloatingRateNote	Floating rate note. The FRN business day convention.
4	ModifiedFollowingDay	Modified following day. The modified following business day.
5	PrecedingDay	Preceding day. The preceding business day.
6	ModifiedPrecedingDay	Modified preceding day. The modified preceding business day.
7	NearestDay	Nearest day. The nearest applicable business day.

Used in components: [UnderlyingCashSettlDate](#)

**170.2.5427 UnderlyingCashSettlDate**

The UnderlyingCashSettlDate component is a subcomponent within the UnderlyingCashSettlTermGrp component used to report the cash settlement date defined in the settlement provision.

Name	Mult.	Type	Description
<a href="#">UnderlyingCashSettlDateUnadjusted</a>	[0..1]	LocalMktDate	
<a href="#">UnderlyingCashSettlDateBusinessDay-Convention</a>	[0..1]	CodeSet	When specified, this overrides the business day convention defined in the DateAdjustment component in the Instrument component. The specified value would be specific to this instance of the cash settlement provision.
<a href="#">UnderlyingCashSettlDateBusinessCenterGrp</a>	[0..*]	Group	When specified, this overrides the business centers defined in the DateAdjustment component in the Instrument component. The specified values would be specific to this instance of the cash settlement provision.
<a href="#">UnderlyingCashSettlDateRelativeTo</a>	[0..1]	int	

Name	Mult.	Type	Description
<a href="#">UnderlyingCashSettlDateOffsetPeriod</a>	[0..1]	int	Conditionally required when <a href="#">UnderlyingCashSettlDateOffsetUnit(42794)</a> is specified.
<a href="#">UnderlyingCashSettlDateOffsetUnit</a>	[0..1]	CodeSet	Conditionally required when <a href="#">UnderlyingCashSettlDateOffsetPeriod(42793)</a> is specified.
<a href="#">UnderlyingCashSettlDateOffsetDay- Type</a>	[0..1]	CodeSet	
<a href="#">UnderlyingCashSettlDateAdjusted</a>	[0..1]	LocalMktDate	

Used in groups: [UnderlyingCashSettlTermGrp](#)

### 170.2.5428 UnderlyingCashSettlDateOffsetDayType

Specifies the day type of the relative cash settlement date offset.

Type: [int](#)

Allowed values in [PaymentStreamPaymentDateOffsetDayTypeCodeSet](#):

Code	Name	Description
0	Business	Business
1	Calendar	Calendar
2	CommodityBusiness	Commodity business
3	CurrencyBusiness	Currency business
4	ExchangeBusiness	Exchange business
5	ScheduledTradingDay	Scheduled trading day

Used in components: [UnderlyingCashSettlDate](#)

### 170.2.5429 UnderlyingCashSettlDateOffsetPeriod

Time unit multiplier for the relative cash settlement date offset.

Type: [int](#)

Used in components: [UnderlyingCashSettlDate](#)

**170.2.5430 UnderlyingCashSettlDateOffsetUnit**

Time unit associated with the relative cash settlement date offset.

Type: **String**

Allowed values in PaymentStreamPaymentDateOffsetUnitCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
D	Day	Day
Wk	Week	Week
Mo	Month	Month
Yr	Year	Year

---

Used in components: **UnderlyingCashSettlDate**

**170.2.5431 UnderlyingCashSettlDateRelativeTo**

Specifies the anchor date when the cash settlement date is relative to an anchor date.

See [http://www.fixtradingcommunity.org/codelists#Relative\\_To\\_Date](http://www.fixtradingcommunity.org/codelists#Relative_To_Date) for values.

Type: **int**

Used in components: **UnderlyingCashSettlDate**

**170.2.5432 UnderlyingCashSettlDateUnadjusted**

The unadjusted cash settlement date.

Type: **LocalMktDate**

Used in components: **UnderlyingCashSettlDate**

**170.2.5433 UnderlyingCashSettlDealer**

Identifies the dealer from whom price quotations for the reference obligation are obtained for the purpose of cash settlement valuation calculation.

Type: **String**

Used in groups: **UnderlyingCashSettlDealerGrp**



**170.2.5434 UnderlyingCashSettlDealerGrp**

UnderlyingCashSettlDealerGrp is a repeating subcomponent within the UnderlyingCashSettlTermGrp component. It is used to specify the dealers from whom price quotations for the reference obligation are obtained for the purpose of cash settlement valuation.

Name	Mult.	Type	Description
NoUnderlyingCashSettlDealers	[1..1]	NumInGroup	
UnderlyingCashSettlDealer	[0..1]	String	Required if NoUnderlyingCashSettlDealers(42039) > 0.

Used in groups: [UnderlyingCashSettlTermGrp](#)

**170.2.5435 UnderlyingCashSettlFixedTermIndicator**

Indicates whether fixed settlement is applicable or not applicable in a recovery lock.

Type: [Boolean](#)

Used in groups: [UnderlyingCashSettlTermGrp](#)

**170.2.5436 UnderlyingCashSettlMinimumQuoteAmount**

When determining the cash settlement amount, if weighted average price quotes are to be obtained for the reference obligation, this is the minimum intended threshold amount of outstanding principal balance of the reference obligation for which the quote should be obtained. If not specified, the ISDA definitions provide for a fallback amount of the lower of either USD1,000,000 (or its equivalent in the relevant obligation currency) or the (minimum) quoted amount.

Type: [Amt](#)

Used in groups: [UnderlyingCashSettlTermGrp](#)

**170.2.5437 UnderlyingCashSettlMinimumQuoteCurrency**

Specifies the currency the UnderlyingCashSettlQuoteAmount(42049) is denominated in. Uses ISO 4217 currency codes.

Type: [Currency](#)

Used in groups: [UnderlyingCashSettlTermGrp](#)

**170.2.5438 UnderlyingCashSettlNumOfValuationDates**

Where multiple valuation dates are specified as being applicable for cash settlement, this element specifies the number of applicable valuation dates.

Type: **int**

Used in groups: **UnderlyingCashSettlTermGrp**

**170.2.5439 UnderlyingCashSettlPriceDefault**

The default election for determining settlement price.

Type: **int**

Allowed values in CashSettlPriceDefaultCodeSet:

Code	Name	Description
0	Close	Close. Official closing price.
1	Hedge	Hedge. Determined by the hedging party.

Used in groups: **UnderlyingCashSettlTermGrp**

**170.2.5440 UnderlyingCashSettlPriceSource**

The source from which the settlement price is to be obtained.

See <http://www.fpml.org/coding-scheme/settlement-price-source> for values.

Type: **String**

Used in groups: **UnderlyingCashSettlTermGrp**

**170.2.5441 UnderlyingCashSettlQuoteAmount**

When determining the cash settlement amount, if weighted average price quotes are to be obtained for the reference obligation, this is the upper limit to the outstanding principal balance of the reference obligation for which the quote should be obtained. If not specified, the ISDA definitions provide for a fallback amount equal to floating rate payer calculation amount.

Type: **Amt**

Used in groups: **UnderlyingCashSettlTermGrp**

**170.2.5442 UnderlyingCashSettlQuoteCurrency**

Specifies the currency the UnderlyingCashSettlQuoteAmount(42049) is denominated in. Uses ISO 4217 currency codes.

Type: **Currency**

Used in groups: **UnderlyingCashSettlTermGrp**

**170.2.5443 UnderlyingCashSettlQuoteMethod**

The type of quote used to determine the cash settlement price.

Type: **int**

Allowed values in CashSettlQuoteMethodCodeSet:

Code	Name	Description
0	Bid	Bid
1	Mid	Mid
2	Offer	Offer

Used in groups: **UnderlyingCashSettlTermGrp**

**170.2.5444 UnderlyingCashSettlRecoveryFactor**

Used for fixed recovery, this specifies the recovery level as determined at contract inception, to be applied in the event of a default. The factor is used to calculate the amount paid by the seller to the buyer for cash settlement on the cash settlement date. The amount is calculated is  $(1 - \text{UnderlyingCashSettlRecoveryFactor}(42055)) \times \text{floating rate payer calculation amount}$ . The currency is derived from the floating rate payer calculation amount.

Type: **float**

Used in groups: **UnderlyingCashSettlTermGrp**

**170.2.5445 UnderlyingCashSettlTermGrp**

The UnderlyingCashSettlTermGrp is a repeating component within the UnderlyingInstrument component used to report cash settlement terms.

Name	Mult.	Type	Description
NoUnderlyingCashSettlTerms	[1..1]	NumInGroup	
UnderlyingCashSettlCurrency	[0..1]	Currency	Required if NoUnderlyingCashSettlTerms(42041) > 0.
UnderlyingCashSettlValuationFirst-BusinessDayOffset	[0..1]	int	
UnderlyingCashSettlValuationSubsequentBusinessDaysOffset	[0..1]	int	
UnderlyingCashSettlNumOfValuation-Dates	[0..1]	int	
UnderlyingCashSettlValuationTime	[0..1]	LocalMktTime	
UnderlyingCashSettlBusinessCenter	[0..1]	String	
UnderlyingCashSettlQuoteMethod	[0..1]	CodeSet	
UnderlyingCashSettlQuoteAmount	[0..1]	Amt	
UnderlyingCashSettlQuoteCurrency	[0..1]	Currency	
UnderlyingCashSettlMini-mumQuoteAmount	[0..1]	Amt	
UnderlyingCashSettlMinimumQuote-Currency	[0..1]	Currency	
UnderlyingCashSettlDealerGrp	[0..*]	Group	
UnderlyingCashSettlPriceSource	[0..1]	String	
UnderlyingCashSettlPriceDefault	[0..1]	CodeSet	
UnderlyingCashSettlBusinessDays	[0..1]	int	
UnderlyingCashSettlAmount	[0..1]	Amt	
UnderlyingCashSettlDate	[0..1]	Component	
UnderlyingCashSettlRecoveryFactor	[0..1]	float	
UnderlyingCashSettlFixedTermIndica-tor	[0..1]	Boolean	
UnderlyingCashSettlAccruedInter-estIndicator	[0..1]	Boolean	
UnderlyingCashSettlValuationMethod	[0..1]	CodeSet	
UnderlyingCashSettlTermXID	[0..1]	XID	

Used in components: [UnderlyingInstrument](#)

**170.2.5446 UnderlyingCashSettlTermXID**

Name referenced from UnderlyingSettlementTermXIDRef(41315).

Type: **XID**

Used in groups: **UnderlyingCashSettlTermGrp**

**170.2.5447 UnderlyingCashSettlValuationFirstBusinessDayOffset**

The number of business days after settlement conditions have been satisfied, when the calculation agent is to obtain a price quotation on the reference obligation for purposes of cash settlement.

Type: **int**

Used in groups: **UnderlyingCashSettlTermGrp**

**170.2.5448 UnderlyingCashSettlValuationMethod**

The ISDA defined methodology for determining the final price of the reference obligation for purposes of cash settlement.

Type: **int**

Allowed values in CashSettlValuationMethodCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	Market	Market
1	Highest	Highest
2	AverageMarket	Average market
3	AverageHighest	Average highest
4	BlendedMarket	Blended market
5	BlendedHighest	Blended highest
6	AverageBlendedMarket	Average blended market
7	AverageBlendedHighest	Average blended highest

---

Used in groups: **UnderlyingCashSettlTermGrp**

**170.2.5449 UnderlyingCashSettlValuationSubsequentBusinessDaysOffset**

The number of business days between successive valuation dates when multiple valuation dates are applicable for cash settlement.

Type: **int**

Used in groups: **UnderlyingCashSettlTermGrp**

**170.2.5450 UnderlyingCashSettlValuationTime**

Time of valuation.

Type: **LocalMktTime**

Used in groups: **UnderlyingCashSettlTermGrp**

**170.2.5451 UnderlyingCashType**

Used for derivatives that deliver into cash underlying.

Type: **String**

Allowed values in UnderlyingCashTypeCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
FIXED	FIXED	FIXED
DIFF	DIFF	DIFF

---

Used in components: **UnderlyingInstrument**

**170.2.5452 UnderlyingCFICode**

Underlying security's CFICode.

Valid values: see CFICode (461) field

Type: **String**

Used in components: **UnderlyingInstrument**

**170.2.5453 UnderlyingCollectAmount**

Amount to collect in order to deliver the underlying instrument

Type: **Amt**

Used in groups: **UnderlyingAmount**

**170.2.5454 UnderlyingCommonPricingIndicator**

When this element is specified and set to 'Y', it indicates that common pricing applies. Common pricing may be relevant for a transaction that references more than one commodity reference price.

Type: **Boolean**

Used in components: **UnderlyingInstrument**

**170.2.5455 UnderlyingComplexEventAveragingObservationGrp**

UnderlyingComplexEventAveragingObservationGrp is an optional subcomponent of UnderlyingComplexEventPeriodGrp for specifying the weight of each of the dated observations.

---

<b>Name</b>	<b>Mult.</b>	<b>Type</b>	<b>Description</b>
<b>NoUnderlyingComplexEventAveragingObservations</b>	[1..1]	NumInGroup	
<b>UnderlyingComplexEventAveragingObservationNumber</b>	[0..1]	int	Required if NoUnderlyingComplexEventAveragingObservations(41713) > 0.
<b>UnderlyingComplexEventAveragingWeight</b>	[0..1]	float	

---

Used in groups: **UnderlyingComplexEventPeriodGrp**

**170.2.5456 UnderlyingComplexEventAveragingObservationNumber**

Cross reference to the ordinal observation as specified either in the UnderlyingComplexEventScheduleGrp or UnderlyingComplexEventPeriodDateGrp components.

Type: **int**

Used in groups: **UnderlyingComplexEventAveragingObservationGrp**

**170.2.5457 UnderlyingComplexEventAveragingWeight**

The weight factor to be applied to the observation.

Type: **float**

Used in groups: **UnderlyingComplexEventAveragingObservationGrp**

**170.2.5458 UnderlyingComplexEventBusinessCenter**

The business center for adjusting dates and times in the schedule or date-time group.

See <http://www.fpml.org/coding-scheme/business-center> for standard 4-character code values.

Type: **String**

Used in groups: **UnderlyingComplexEventPeriodGrp**

**170.2.5459 UnderlyingComplexEventCalculationAgent**

Used to identify the calculation agent.

Type: **int**

Allowed values in ProvisionCalculationAgentCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	ExercisingParty	Exercising party
1	NonExercisingParty	Non-exercising party
2	MasterAgreement	As specified in the master agreement
3	Supplement	As specified in the standard terms supplement

---

Used in groups: **UnderlyingComplexEvents**

**170.2.5460 UnderlyingComplexEventCondition**

Specifies the condition between complex events when more than one event is specified.

Multiple barrier events would use an "or" condition since only one can be effective at a given time. A set of digital range events would use an "and" condition since both conditions must be in effect for a payout to result.



Type: **int**

Allowed values in ComplexEventConditionCodeSet:

---

Code	Name	Description
1	And	And
2	Or	Or

---

Used in groups: **UnderlyingComplexEvents**

#### **170.2.5461 UnderlyingComplexEventCreditEventBusinessCenter**

Specifies the local business center for which the credit event is to be determined. The inclusion of this business center implies that Greenwich Mean Time in Section 3.3 of the 2003 ISDA Credit Derivatives Definitions is replaced by the local time of the specified business center.

See <http://www.fpml.org/coding-scheme/business-center> for standard 4-character code values.

Type: **String**

Used in groups: **UnderlyingComplexEvents**

#### **170.2.5462 UnderlyingComplexEventCreditEventCurrency**

Specifies the applicable currency when UnderlyingComplexEventCreditEventValue(41718) is an amount. Uses ISO 4217 currency codes.

Type: **Currency**

Used in groups: **UnderlyingComplexEventCreditEventGrp**

#### **170.2.5463 UnderlyingComplexEventCreditEventDayType**

Specifies the day type for the complex credit events.

Type: **int**

Allowed values in ComplexEventDateOffsetDayTypeCodeSet:

Code	Name	Description
0	Business	Business
1	Calendar	Calendar
2	CommodityBusiness	Commodity business
3	CurrencyBusiness	Currency business
4	ExchangeBusiness	Exchange business
5	ScheduledTradingDay	Scheduled trading day

Used in groups: [UnderlyingComplexEventCreditEventGrp](#)

### 170.2.5464 UnderlyingComplexEventCreditEventGrp

The UnderlyingComplexEventCreditEventGrp is a repeating component within the UnderlyingComplexEventGrp component used to report applicable option credit events.

Name	Mult.	Type	Description
<a href="#">NoUnderlyingComplexEventCreditEvents</a>	[1..1]	NumInGroup	
<a href="#">UnderlyingComplexEventCreditEventType</a>	[0..1]	String	Required if <a href="#">NoUnderlyingComplexEventCreditEvents(41716)</a> > 0.
<a href="#">UnderlyingComplexEventCreditEventValue</a>	[0..1]	String	
<a href="#">UnderlyingComplexEventCreditEventCurrency</a>	[0..1]	Currency	
<a href="#">UnderlyingComplexEventCreditEventPeriod</a>	[0..1]	int	Conditionally required when <a href="#">UnderlyingComplexEventCreditEventUnit(41721)</a> is specified.
<a href="#">UnderlyingComplexEventCreditEventUnit</a>	[0..1]	CodeSet	Conditionally required when <a href="#">UnderlyingComplexEventCreditEventPeriod(41720)</a> is specified.
<a href="#">UnderlyingComplexEventCreditEventDayType</a>	[0..1]	CodeSet	
<a href="#">UnderlyingComplexEventCreditEventRateSource</a>	[0..1]	int	
<a href="#">UnderlyingComplexEventCreditEventQualifierGrp</a>	[0..*]	Group	

Used in groups: [UnderlyingComplexEvents](#)

**170.2.5465 UnderlyingComplexEventCreditEventMinimumSources**

The minimum number of the specified public information sources that must publish information that reasonably confirms that a credit event has occurred. The market convention is two.

Type: **int**

Used in groups: **UnderlyingComplexEvents**

**170.2.5466 UnderlyingComplexEventCreditEventNotifyingParty**

The notifying party is the party that notifies the other party when a credit event has occurred by means of a credit event notice. If more than one party is referenced as being the notifying party then either party may notify the other of a credit event occurring.

Type: **int**

Allowed values in ComplexEventCreditEventNotifyingPartyCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	SellerNotifies	Seller notifies
1	BuyerNotifies	Buyer notifies
2	SellerOrBuyerNotifies	Seller or buyer notifies

---

Used in groups: **UnderlyingComplexEvents**

**170.2.5467 UnderlyingComplexEventCreditEventPeriod**

Time unit multiplier for complex credit events.

Type: **int**

Used in groups: **UnderlyingComplexEventCreditEventGrp**

**170.2.5468 UnderlyingComplexEventCreditEventQualifier**

Specifies a complex event qualifier. Used to further qualify UnderlyingComplexEventCreditEvent-Type(41717).

Type: **char**

Allowed values in ProtectionTermEventQualifierCodeSet:

Code	Name	Description
H	RestructuringMultipleHoldingObligations	Restructuring - multiple holding obligations. In relation to a restructuring credit event, unless multiple holder obligation is not specified restructurings are limited to multiple holder obligations. A multiple holder obligation means an obligation that is held by more than three holders that are not affiliates of each other and where at least two thirds of the holders must agree to the event that constitutes the restructuring credit event. ISDA 2003 Term: Multiple Holder Obligation.
E	RestructuringMultipleCreditEventNotices	Restructuring - multiple credit event notices. Presence of this element and value set to 'true' indicates that Section 3.9 of the 2003 Credit Derivatives Definitions shall apply. Absence of this element indicates that Section 3.9 shall not apply. NOTE: Not allowed under ISDA Credit 1999.
C	FloatingRateInterestShortfall	Floating rate interest shortfall. Indicates compounding.

Used in groups: [UnderlyingComplexEventCreditEventQualifierGrp](#)

### 170.2.5469 UnderlyingComplexEventCreditEventQualifierGrp

The UnderlyingComplexEventCreditEventQualifierGrp is a repeating component within the UnderlyingComplexEventCreditEventGrp component used to specify qualifying attributes to an event.

Name	Mult.	Type	Description
<a href="#">NoUnderlyingComplexEventCreditEventQualifiers</a>	[1..1]	NumInGroup	
<a href="#">UnderlyingComplexEventCreditEventQualifier</a>	[0..1]	CodeSet	Required if <a href="#">NoUnderlyingComplexEventCreditEventQualifiers(41724)</a> > 0.

Used in groups: [UnderlyingComplexEventCreditEventGrp](#)

### 170.2.5470 UnderlyingComplexEventCreditEventRateSource

Identifies the source of rate information used for credit events.

See [http://www.fixtradingcommunity.org/codelists#Credit\\_Event\\_Rate\\_Source](http://www.fixtradingcommunity.org/codelists#Credit_Event_Rate_Source) for code list of applicable sources.

Type: **int**

Used in groups: **UnderlyingComplexEventCreditEventGrp**

#### **170.2.5471 UnderlyingComplexEventCreditEventSource**

A newspaper or electronic news service that may publish relevant information used in the determination of whether or not a credit event has occurred.

Type: **String**

Used in groups: **UnderlyingComplexEventCreditEventSourceGrp**

#### **170.2.5472 UnderlyingComplexEventCreditEventSourceGrp**

UnderlyingComplexEventCreditEventSourceGrp is a repeating subcomponent of the UnderlyingComplexEvents component used to specify the particular newspapers or electronic news services that may publish relevant information used in the determination of whether or not a credit event has occurred.

<b>Name</b>	<b>Mult.</b>	<b>Type</b>	<b>Description</b>
<b>NoUnderlyingComplexEventCreditEventSources</b>	[1..1]	NumInGroup	
<b>UnderlyingComplexEventCreditEventSource</b>	[0..1]	String	Required if NoUnderlyingCreditEventCreditEventSources(41748) > 0.

Used in groups: **UnderlyingComplexEvents**

#### **170.2.5473 UnderlyingComplexEventCreditEventStandardSources**

When this element is specified and set to 'Y', indicates that ISDA defined Standard Public Sources are applicable.

Type: **Boolean**

Used in groups: **UnderlyingComplexEvents**

#### **170.2.5474 UnderlyingComplexEventCreditEventsXIDRef**

Reference to credit event table elsewhere in the message.

Type: **XIDREF**

Used in groups: **UnderlyingComplexEvents**

### **170.2.5475 UnderlyingComplexEventCreditEventType**

Specifies the type of credit event.

See [http://www.fixtradingcommunity.org/codelists#Credit\\_Event\\_Types](http://www.fixtradingcommunity.org/codelists#Credit_Event_Types) for code list of applicable event types.

Type: **String**

Used in groups: **UnderlyingComplexEventCreditEventGrp**

### **170.2.5476 UnderlyingComplexEventCreditEventUnit**

Time unit associated with complex credit events.

Type: **String**

Allowed values in ProtectionTermEventUnitCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
D	Day	Day
Wk	Week	Week
Mo	Month	Month
Yr	Year	Year

---

Used in groups: **UnderlyingComplexEventCreditEventGrp**

### **170.2.5477 UnderlyingComplexEventCreditEventValue**

The credit event value appropriate to UnderlyingComplexEventCreditEventType(41717).

See [http://www.fixtradingcommunity.org/codelists#Credit\\_Event\\_Types](http://www.fixtradingcommunity.org/codelists#Credit_Event_Types) for applicable event type values.

Type: **String**

Used in groups: **UnderlyingComplexEventCreditEventGrp**

**170.2.5478 UnderlyingComplexEventCurrencyOne**

Specifies the first or only reference currency of the trade.

UnderlyingComplexEventCurrencyOneCodeSource(2948) may be used to disambiguate the code source scheme used, and ISO 4217 is the default scheme if absent.

Type: **Currency**

Used in groups: **UnderlyingComplexEvents**

**170.2.5479 UnderlyingComplexEventCurrencyOneCodeSource**

Identifies class or source of the UnderlyingComplexEventCurrencyOne(2268) value.

Type: **String**

Allowed values in CurrencyCodeSourceCodeSet:

---

Code	Name	Description
1	CUSIP	CUSIP
2	SEDOL	SEDOL
4	ISINNumber	ISIN
6	ISOCurrencyCode	ISO Currency Code (ISO 4217)
S	FinancialInstrumentGlobalIdentifier	Financial Instrument Global Identifier. An Object Management Group (OMG) standard. Also referred to as FIGI. Formerly known as "Bloomberg Open Symbology BBGID".
Y	DigitalTokenIdentifier	Digital Token Identifier (ISO 24165)

---

Used in groups: **UnderlyingComplexEvents**

**170.2.5480 UnderlyingComplexEventCurrencyTwo**

Specifies the second reference currency of the trade.

UnderlyingComplexEventCurrencyTwoCodeSource(2949) may be used to disambiguate the code source scheme used, and ISO 4217 is the default scheme if absent.

Type: **Currency**

Used in groups: **UnderlyingComplexEvents**

**170.2.5481 UnderlyingComplexEventCurrencyTwoCodeSource**

Identifies class or source of the UnderlyingComplexEventCurrencyTwo(2269) value.

Type: **String**

Allowed values in CurrencyCodeSourceCodeSet:

Code	Name	Description
1	CUSIP	CUSIP
2	SEDOL	SEDOL
4	ISINNumber	ISIN
6	ISOCurrencyCode	ISO Currency Code (ISO 4217)
S	FinancialInstrumentGlobalIdentifier	Financial Instrument Global Identifier. An Object Management Group (OMG) standard. Also referred to as FIGI. Formerly known as "Bloomberg Open Symbology BBGID".
Y	DigitalTokenIdentifier	Digital Token Identifier (ISO 24165)

Used in groups: **UnderlyingComplexEvents**

**170.2.5482 UnderlyingComplexEventDateAdjusted**

The adjusted complex event date.

Type: **LocalMktDate**

Used in components: **UnderlyingComplexEventRelativeDate**

**170.2.5483 UnderlyingComplexEventDateBusinessCenter**

The business center calendar is used to adjust the event date, e.g. "GBLO".

See <http://www.fpml.org/coding-scheme/business-center> for standard 4-character code values.

Type: **String**

Used in groups: **UnderlyingComplexEventDateBusinessCenterGrp**

**170.2.5484 UnderlyingComplexEventDateBusinessCenterGrp**

UnderlyingComplexEventDateBusinessCenterGrp is a repeating subcomponent of the UnderlyingComplexEventRelativeDate component used to specify the set of business centers whose calendars drive



date adjustment. Used only to override the business centers defined in the UnderlyingDateAdjustment component in UnderlyingInstrument.

Name	Mult.	Type	Description
<a href="#">NoUnderlyingComplexEventDateBusinessCenters</a>	[1..1]	NumInGroup	
<a href="#">UnderlyingComplexEventDateBusinessCenter</a>	[0..1]	String	Required if <a href="#">NoUnderlyingComplexEventDateBusinessCenters(41737)</a> > 0.

Used in components: [UnderlyingComplexEventRelativeDate](#)

### 170.2.5485 UnderlyingComplexEventDateBusinessDayConvention

The business day convention used to adjust the event date. Used only to override the business day convention specified in the UnderlyingDateAdjustment component within the UnderlyingInstrument component.

Type: [int](#)

Allowed values in BusinessDayConventionCodeSet:

Code	Name	Description
0	NotApplicable	Not applicable. Business day convention is not applicable.
1	None	None (current day)
2	FollowingDay	Following day. The following business day.
3	FloatingRateNote	Floating rate note. The FRN business day convention.
4	ModifiedFollowingDay	Modified following day. The modified following business day.
5	PrecedingDay	Preceding day. The preceding business day.
6	ModifiedPrecedingDay	Modified preceding day. The modified preceding business day.
7	NearestDay	Nearest day. The nearest applicable business day.

Used in components: [UnderlyingComplexEventRelativeDate](#)

### 170.2.5486 UnderlyingComplexEventDateOffsetDayType

Specifies the day type of the relative date offset.

Type: [int](#)

Allowed values in ComplexEventDateOffsetDayTypeCodeSet:

Code	Name	Description
0	Business	Business
1	Calendar	Calendar
2	CommodityBusiness	Commodity business
3	CurrencyBusiness	Currency business
4	ExchangeBusiness	Exchange business
5	ScheduledTradingDay	Scheduled trading day

Used in components: [UnderlyingComplexEventRelativeDate](#)

#### **170.2.5487 UnderlyingComplexEventDateOffsetPeriod**

Time unit multiplier for the relative date offset.

Type: [int](#)

Used in components: [UnderlyingComplexEventRelativeDate](#)

#### **170.2.5488 UnderlyingComplexEventDateOffsetUnit**

Time unit associated with the relative date offset.

Type: [String](#)

Allowed values in PaymentStreamPaymentDateOffsetUnitCodeSet:

Code	Name	Description
D	Day	Day
Wk	Week	Week
Mo	Month	Month
Yr	Year	Year

Used in components: [UnderlyingComplexEventRelativeDate](#)

**170.2.5489 UnderlyingComplexEventDateRelativeTo**

Specifies the anchor date when the complex event date is relative to an anchor date.

See [http://www.fixtradingcommunity.org/codelists#Relative\\_To\\_Date](http://www.fixtradingcommunity.org/codelists#Relative_To_Date) for values.

Type: **int**

Used in components: **UnderlyingComplexEventRelativeDate**

**170.2.5490 UnderlyingComplexEventDates**

The UnderlyingComplexEventDates and subcomponent UnderlyingComplexEventTimes components are used to constrain a complex event to a specific date range, and optional time range. If specified the event is only effective on or within the specified dates and times.

Name	Mult.	Type	Description
<b>NoUnderlyingComplexEventDates</b>	[1..1]	NumInGroup	
<b>UnderlyingComplexEventStartDate</b>	[0..1]	UTCDateOnly	Required if NoUnderlyingComplexEventDates(2054) > 0.
<b>UnderlyingComplexEventEndDate</b>	[0..1]	UTCDateOnly	Required if NoUnderlyingComplexEventDates(2054) > 0.
<b>UnderlyingComplexEventTimes</b>	[0..*]	Group	

Used in groups: **UnderlyingComplexEvents**

**170.2.5491 UnderlyingComplexEventDateUnadjusted**

The unadjusted complex event date.

Type: **LocalMktDate**

Used in components: **UnderlyingComplexEventRelativeDate**

**170.2.5492 UnderlyingComplexEventDeterminationMethod**

Specifies the method according to which an amount or a date is determined.

See <http://www.fpml.org/coding-scheme/determination-method> for values.

Type: **String**

Used in groups: **UnderlyingComplexEvents**

#### **170.2.5493 UnderlyingComplexEventEndDate**

The end date of the date range on which a complex event is effective. The start date will be set equal to the end date for single day events such as Bermuda options.

UnderlyingComplexEventEndDate(2056) must always be greater than or equal to UnderlyingComplexEventStartDate(2055).

Type: **UTCDateOnly**

Used in groups: **UnderlyingComplexEventDates**

#### **170.2.5494 UnderlyingComplexEventEndTime**

The end time of the time range on which a complex event date is effective.

UnderlyingComplexEventEndTime(2058) must always be greater than or equal to UnderlyingComplexEventStartTime(2057).

Type: **UTCTimeOnly**

Used in groups: **UnderlyingComplexEventTimes**

#### **170.2.5495 UnderlyingComplexEventFixedFXRate**

Specifies the fixed FX rate alternative for FX Quanto options.

Type: **float**

Used in groups: **UnderlyingComplexEvents**

#### **170.2.5496 UnderlyingComplexEventFixingTime**

The local market fixing time.

Type: **LocalMktTime**

Used in components: **UnderlyingComplexEventRelativeDate**

#### **170.2.5497 UnderlyingComplexEventFixingTimeBusinessCenter**

The business center for determining the actual fixing times.

See <http://www.fpml.org/coding-scheme/business-center> for standard 4-character code values.

Type: **String**

Used in components: **UnderlyingComplexEventRelativeDate**

#### **170.2.5498 UnderlyingComplexEventForwardPoints**

FX forward points added to spot rate. May be a negative value.

Type: **PriceOffset**

Used in groups: **UnderlyingComplexEvents**

#### **170.2.5499 UnderlyingComplexEventFuturesPriceValuation**

Indicates whether the official settlement price as announced by the related exchange is applicable, in accordance with the ISDA 2002 definitions. Applicable only to futures contracts.

Type: **Boolean**

Used in groups: **UnderlyingComplexEvents**

#### **170.2.5500 UnderlyingComplexEventOptionsPriceValuation**

Indicates whether the official settlement price as announced by the related exchange is applicable, in accordance with the ISDA 2002 definitions. Applicable only to options contracts.

Type: **Boolean**

Used in groups: **UnderlyingComplexEvents**

#### **170.2.5501 UnderlyingComplexEventPeriodDate**

The averaging date for an Asian option.

The trigger date for a Barrier or Knock option.

Type: **LocalMktDate**

Used in groups: **UnderlyingComplexEventPeriodDateGrp**

**170.2.5502 UnderlyingComplexEventPeriodDateGrp**

UnderlyingComplexEventPeriodDateGrp is a subcomponent of UnderlyingComplexEventPeriodGrp for specifying fixed period dates and times for an Asian or Strike Schedule option or trigger dates for a Barrier or Knock option.

Name	Mult.	Type	Description
NoUnderlyingComplexEventPeriod-DateTimes	[1..1]	NumInGroup	
UnderlyingComplexEventPeriodDate	[0..1]	LocalMktDate	Required if NoUnderlyingComplexEventPeriod-DateTimes(41726) > 0.
UnderlyingComplexEventPeriodTime	[0..1]	LocalMktTime	

Used in groups: [UnderlyingComplexEventPeriodGrp](#)

**170.2.5503 UnderlyingComplexEventPeriodGrp**

UnderlyingComplexEventPeriodGrp is a subcomponent of UnderlyingComplexEvents for specifying the periods for an Asian, Barrier, Knock or Strike Schedule option feature.

Name	Mult.	Type	Description
NoUnderlyingComplexEventPeriods	[1..1]	NumInGroup	
UnderlyingComplexEventPeriodType	[0..1]	CodeSet	Required if NoUnderlyingComplexEventPeriods(41729) > 0.
UnderlyingComplexEventBusiness-Center	[0..1]	String	
UnderlyingComplexEventScheduleGrp	[0..*]	Group	
UnderlyingComplexEventPeriodDate-Grp	[0..*]	Group	
UnderlyingComplexEventAveragingObservationGrp	[0..*]	Group	

Used in groups: [UnderlyingComplexEvents](#)

**170.2.5504 UnderlyingComplexEventPeriodTime**

The averaging time for an Asian option.

Type: [LocalMktTime](#)

Used in groups: [UnderlyingComplexEventPeriodDateGrp](#)

### **170.2.5505 UnderlyingComplexEventPeriodType**

Specifies the period type.

Type: [int](#)

Allowed values in ComplexEventPeriodTypeCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	AsianOut	Asian Out
1	AsianIn	Asian In
2	BarrierCap	Barrier Cap
3	BarrierFloor	Barrier Floor
4	KnockOut	Knock Out
5	KnockIn	Knock In

---

Used in groups: [UnderlyingComplexEventPeriodGrp](#)

### **170.2.5506 UnderlyingComplexEventPrice**

Specifies the price at which the complex event takes effect. Impact of the event price is determined by the [UnderlyingComplexEventType\(2046\)](#).

Type: [Price](#)

Used in groups: [UnderlyingComplexEvents](#)

### **170.2.5507 UnderlyingComplexEventPriceBoundaryMethod**

Specifies the boundary condition to be used for the event price relative to the [UnderlyingComplexEventPrice\(2048\)](#) at the point the complex event outcome takes effect as determined by the [UnderlyingComplexEventPriceTimeType\(2051\)](#).

Type: [int](#)

Allowed values in ComplexEventPriceBoundaryMethodCodeSet:

Code	Name	Description
1	LessThanComplexEventPrice	Less than ComplexEventPrice(1486)
2	LessThanOrEqualToComplexEvent- Price	Less than or equal to ComplexEventPrice(1486)
3	EqualToComplexEventPrice	Equal to ComplexEventPrice(1486)
4	GreaterThanOrEqualToComplex- EventPrice	Greater than or equal to ComplexEventPrice(1486)
5	GreaterThanComplexEventPrice	Greater than ComplexEventPrice(1486)

Used in groups: [UnderlyingComplexEvents](#)

#### **170.2.5508 UnderlyingComplexEventPriceBoundaryPrecision**

Used in combination with UnderlyingComplexEventPriceBoundaryMethod(2049) to specify the percentage of the strike price in relation to the underlying price. The percentage is generally 100 or greater for puts and 100 or less for calls.

Type: [Percentage](#)

Used in groups: [UnderlyingComplexEvents](#)

#### **170.2.5509 UnderlyingComplexEventPricePercentage**

Specifies the price percentage at which the complex event takes effect. Impact of the event price is determined by the UnderlyingComplexEventType(2046).

Type: [Percentage](#)

Used in groups: [UnderlyingComplexEvents](#)

#### **170.2.5510 UnderlyingComplexEventPriceTimeType**

Specifies when the complex event outcome takes effect. The outcome of a complex event is a payout or barrier action as specified by the UnderlyingComplexEventType(2046).

Type: [int](#)

Allowed values in ComplexEventPriceTimeTypeCodeSet:



Code	Name	Description
1	Expiration	Expiration
2	Immediate	Immediate (At Any Time)
3	SpecifiedDate	Specified Date/Time
4	Close	Close. Official closing time of the exchange on valuation date.
5	Open	Open. Official opening time of the exchange on valuation date.
6	OfficialSettlPrice	Official settlement price. Official settlement price determination time.
7	DerivativesClose	Derivatives close. Official closing time of the derivatives exchange.
8	AsSpecifiedMasterConfirmation	As specified in Master Confirmation

Used in groups: [UnderlyingComplexEvents](#)

#### 170.2.5511 UnderlyingComplexEventPVFinalPriceElectionFallback

Specifies the fallback provisions for the hedging party in the determination of the final settlement price

Type: [int](#)

Allowed values in ComplexEventPVFinalPriceElectionFallbackCodeSet:

Code	Name	Description
0	Close	Close. In respect of the "early final valuation date", the provisions for "future present value close" shall apply.
1	HedgeElection	Hedge election. In respect of the "early final valuation date", the provisions for "future present value hedge execution" shall apply.

Used in groups: [UnderlyingComplexEvents](#)

#### 170.2.5512 UnderlyingComplexEventQuoteBasis

Specifies the currency pairing for the quote.

Type: [int](#)

Allowed values in ComplexEventQuoteBasisCodeSet:

Code	Name	Description
0	Currency1PerCurrency2	Currency 1 per currency 2
1	Currency2PerCurrency1	Currency 2 per currency 1

Used in groups: [UnderlyingComplexEvents](#)

### 170.2.5513 UnderlyingComplexEventRateSource

Identifies the source of rate information.

Type: **int**

Allowed values in RateSourceCodeSet:

Code	Name	Description
0	Bloomberg	Bloomberg
1	Reuters	Reuters
2	Telerate	Telerate
3	ISDARateOption	ISDA Settlement Rate Option. The source of the currency conversion as specified by the ISDA terms in Annex A to the 1998 FX and Currency Option Definitions. See <a href="http://www.fpml.org/coding-scheme/settlement-rate-option">http://www.fpml.org/coding-scheme/settlement-rate-option</a>
99	Other	Other

Used in groups: [UnderlyingComplexEventRateSourceGrp](#)

### 170.2.5514 UnderlyingComplexEventRateSourceGrp

UnderlyingComplexEventRateSourceGrp is a subcomponent of UnderlyingComplexEvents for specifying primary and secondary rate sources.

Name	Mult.	Type	Description
<a href="#">NoUnderlyingComplexEventRateSources</a>	[1..1]	NumInGroup	

Name	Mult.	Type	Description
<a href="#">UnderlyingComplexEventRateSource</a>	[0..1]	CodeSet	Required if NoUnderlyingComplexEventRateSources(41732) > 0.
<a href="#">UnderlyingComplexEventRateSource-Type</a>	[0..1]	CodeSet	Required if NoUnderlyingComplexEventRateSources(41732) > 0.
<a href="#">UnderlyingComplexEventReferencePage</a>	[0..1]	String	Conditionally required when ComplexEventRateSource(41014) = 99 (Other).
<a href="#">UnderlyingComplexEventReferencePageHeading</a>	[0..1]	String	

Used in groups: [UnderlyingComplexEvents](#)

### 170.2.5515 UnderlyingComplexEventRateSourceType

Indicates whether the rate source specified is a primary or secondary source.

Type: [int](#)

Allowed values in RateSourceTypeCodeSet:

Code	Name	Description
0	Primary	Primary
1	Secondary	Secondary

Used in groups: [UnderlyingComplexEventRateSourceGrp](#)

### 170.2.5516 UnderlyingComplexEventReferencePage

Identifies the reference page from the rate source.

For FX, the reference page to the spot rate is to be used for the reference FX spot rate.

When UnderlyingComplexEventRateSource(41733) = 3 (ISDA Settlement Rate Option) this contains the value from the scheme that reflects the terms of the Annex A to the ISDA 1998 FX and Currency Option Definitions. See: <http://www.fpml.org/coding-scheme/settlement-rate-option>.

Type: [String](#)

Used in groups: [UnderlyingComplexEventRateSourceGrp](#)

**170.2.5517 UnderlyingComplexEventReferencePageHeading**

Identifies the reference page heading from the rate source.

Type: **String**

Used in groups: **UnderlyingComplexEventRateSourceGrp**

**170.2.5518 UnderlyingComplexEventRelativeDate**

UnderlyingComplexEventRelativeDate is a subcomponent of UnderlyingComplexEvents for specifying the event date and time for an FX or Calendar Spread option or the payout date for a Barrier or Knock option.

Name	Mult.	Type	Description
<b>UnderlyingComplexEventDateUnadjusted</b>	[0..1]	LocalMktDate	
<b>UnderlyingComplexEventDateRelativeTo</b>	[0..1]	int	
<b>UnderlyingComplexEventDateOffsetPeriod</b>	[0..1]	int	Conditionally required when UnderlyingComplexEventDateOffsetUnit(41742) is specified.
<b>UnderlyingComplexEventDateOffsetUnit</b>	[0..1]	CodeSet	Conditionally required when UnderlyingComplexEventDateOffsetPeriod(41741) is specified.
<b>UnderlyingComplexEventDateOffsetDayType</b>	[0..1]	CodeSet	
<b>UnderlyingComplexEventDateBusinessDayConvention</b>	[0..1]	CodeSet	When specified, this overrides the business day convention defined in the UnderlyingDateAdjustment component in UnderlyingInstrument. The specified value would be specific to the underlying complex event dates.
<b>UnderlyingComplexEventDateBusinessCenterGrp</b>	[0..*]	Group	When specified, this overrides the business centers defined in the UnderlyingDateAdjustment component in UnderlyingInstrument. The specified values would be specific to the underlying complex event dates.
<b>UnderlyingComplexEventDateAdjusted</b>	[0..1]	LocalMktDate	
<b>UnderlyingComplexEventFixingTime</b>	[0..1]	LocalMktTime	
<b>UnderlyingComplexEventFixingTimeBusinessCenter</b>	[0..1]	String	

Used in groups: [UnderlyingComplexEvents](#)

### **170.2.5519 UnderlyingComplexEventScheduleEndDate**

The end date of the schedule.

Type: [LocalMktDate](#)

Used in groups: [UnderlyingComplexEventScheduleGrp](#)

### **170.2.5520 UnderlyingComplexEventScheduleFrequencyPeriod**

Time unit multiplier for the schedule date frequency.

Type: [int](#)

Used in groups: [UnderlyingComplexEventScheduleGrp](#)

### **170.2.5521 UnderlyingComplexEventScheduleFrequencyUnit**

Time unit associated with the schedule date frequency.

Type: [String](#)

Allowed values in ProtectionTermEventUnitCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
D	Day	Day
Wk	Week	Week
Mo	Month	Month
Yr	Year	Year

---

Used in groups: [UnderlyingComplexEventScheduleGrp](#)

### **170.2.5522 UnderlyingComplexEventScheduleGrp**

[UnderlyingComplexEventScheduleGrp](#) is a subcomponent of [UnderlyingComplexEventPeriodGrp](#) for specifying a periodic schedule for an Asian, Barrier or Strike Schedule option feature.

Name	Mult.	Type	Description
NoUnderlyingComplexEventSchedules	[1..1]	NumInGroup	
UnderlyingComplexEventScheduleStartDate	[0..1]	LocalMktDate	Required if NoUnderlyingComplexEventSchedules(41750) > 0.
UnderlyingComplexEventScheduleEndDate	[0..1]	LocalMktDate	
UnderlyingComplexEventScheduleFrequencyPeriod	[0..1]	int	Conditionally required when UnderlyingComplexEventScheduleFrequencyUnit(41754) is specified.
UnderlyingComplexEventScheduleFrequencyUnit	[0..1]	CodeSet	Conditionally required when UnderlyingComplexEventScheduleFrequencyPeriod(41753) is specified.
UnderlyingComplexEventScheduleRollConvention	[0..1]	CodeSet	When specified, this overrides the date roll convention defined in the UnderlyingDateAdjustment component in UnderlyingInstrument. The specified values would be specific to this instance of the option schedule dates.

Used in groups: [UnderlyingComplexEventPeriodGrp](#)

### 170.2.5523 UnderlyingComplexEventScheduleRollConvention

The convention for determining the sequence of dates. It is used in conjunction with a specified frequency. Used only to override the roll convention defined in the UnderlyingDateAdjustment component in UnderlyingInstrument.

Type: [String](#)

Allowed values in DateRollConventionCodeSet:

Code	Name	Description
1	FirstDay	1st day of the month
2	SecondDay	2nd day of the month
3	ThirdDay	3rd day of the month
4	FourthDay	4th day of the month
5	FifthDay	5th day of the month
6	SixthDay	6th day of the month
7	SeventhDay	7th day of the month

<b>Code</b>	<b>Name</b>	<b>Description</b>
8	EighthDay	8th day of the month
9	NinthDay	9th day of the month
10	TenthDay	10th day of the month
11	EleventhDay	11th day of the month
12	TwelvthDay	12th day of the month
13	ThirteenthDay	13th day of the month
14	ForteenthDay	14th day of the month
15	FifteenthDay	15th day of the month
16	SixteenthDay	16th day of the month
17	SeventeenthDay	17th day of the month
18	EighteenthDay	18th day of the month
19	NineteenthDay	19th day of the month
20	TwentiethDay	20th day of the month
21	TwentyFirstDay	21st day of the month
22	TwentySecondDay	22nd day of the month
23	TwentyThirdDay	23rd day of the month
24	TwentyFourthDay	24th day of the month
25	TwentyFifthDay	25th day of the month
26	TwentySixthDay	26th day of the month
27	TwentySeventhDay	27th day of the month
28	TwentyEigthDa28y	28th day of the month
29	TwentyNinthDay	29th day of the month
30	ThirtiethDay	30th day of the month
EOM	EOM	The end of the month. Use EOM for 31st day of the month.
FRN	FRN	The floating rate note convention or Eurodollar convention.
IMM	IMM	The International Money Market settlement date, i.e. the 3rd Wednesday of the month.
IMMCAD	IMMCAD	The last trading day/expiration day of the Canadian Derivatives Exchange.
IMMAUD	IMMAUD	The last trading day of the Sydney Futures Exchange Australian 90-day bank accepted bill futures contract.
IMMNZD	IMMNZD	The last trading day of the Sydney Futures Exchange New Zealand 90-day bank bill futures contract.
SFE	SFE	The Sydney Futures Exchange 90-day bank accepted bill futures settlement dates.

Code	Name	Description
NONE	NONE	No adjustment
TBILL	TBILL	The 13-week and 26-week U.S. Treasury Bill auction dates.
MON	MON	Monday
TUE	TUE	Tuesday
WED	WED	Wednesday
THU	THU	Thursday
FRI	FRI	Friday
SAT	SAT	Saturday
SUN	SUN	Sunday

Used in groups: [UnderlyingComplexEventScheduleGrp](#)

#### 170.2.5524 UnderlyingComplexEventScheduleStartDate

The start date of the schedule.

Type: [LocalMktDate](#)

Used in groups: [UnderlyingComplexEventScheduleGrp](#)

#### 170.2.5525 UnderlyingComplexEvents

The UnderlyingComplexEvent Group is a repeating block which allows specifying an unlimited number and types of advanced events, such as observation and pricing in over the lifetime of an option, futures, commodities or equity swap contract. Use UnderlyingEvtGrp to specify more straightforward events.

Name	Mult.	Type	Description
<a href="#">NoUnderlyingComplexEvents</a>	[1..1]	NumInGroup	
<a href="#">UnderlyingComplexEventType</a>	[0..1]	CodeSet	Required if NoUnderlyingComplexEvents(2045) > 0.
<a href="#">UnderlyingComplexOptPayoutPaySide</a>	[0..1]	CodeSet	
<a href="#">UnderlyingComplexOptPayoutReceiveSide</a>	[0..1]	CodeSet	
<a href="#">UnderlyingComplexOptPayoutUnderlier</a>	[0..1]	String	



Name	Mult.	Type	Description
UnderlyingComplexOptPayoutAmount	[0..1]	Amt	
UnderlyingComplexOptPayoutPercentage	[0..1]	Percentage	
UnderlyingComplexOptPayoutTime	[0..1]	CodeSet	
UnderlyingComplexOptPayoutCurrency	[0..1]	Currency	
UnderlyingComplexOptPayoutCurrencyCodeSource	[0..1]	CodeSet	
UnderlyingComplexEventPrice	[0..1]	Price	
UnderlyingComplexEventPricePercentage	[0..1]	Percentage	
UnderlyingComplexEventPriceBoundaryMethod	[0..1]	CodeSet	
UnderlyingComplexEventPriceBoundaryPrecision	[0..1]	Percentage	
UnderlyingComplexEventPriceTimeType	[0..1]	CodeSet	
UnderlyingComplexEventCondition	[0..1]	CodeSet	Conditionally required when there are more than one UnderlyingComplexEvent occurrences. A chain of events must be linked together through use of the UnderlyingComplexEventCondition(2052) in which the relationship between any two events is described. For any two occurrences of events the first occurrence will specify the UnderlyingComplexEventCondition(2052) which links it with the second event.
UnderlyingComplexEventDates	[0..*]	Group	
UnderlyingComplexEventCurrencyOne	[0..1]	Currency	
UnderlyingComplexEventCurrencyOneCodeSource	[0..1]	CodeSet	
UnderlyingComplexEventCurrencyTwo	[0..1]	Currency	
UnderlyingComplexEventCurrencyTwoCodeSource	[0..1]	CodeSet	
UnderlyingComplexEventQuoteBasis	[0..1]	CodeSet	
UnderlyingComplexEventFixedFXRate	[0..1]	float	
UnderlyingComplexEventSpotRate	[0..1]	Price	
UnderlyingComplexEventForwardPoints	[0..1]	PriceOffset	

Name	Mult.	Type	Description
UnderlyingComplexEventDeterminationMethod	[0..1]	String	
UnderlyingComplexEventCalculationAgent	[0..1]	CodeSet	
UnderlyingComplexEventStrikePrice	[0..1]	Price	
UnderlyingComplexEventStrikeFactor	[0..1]	float	
UnderlyingComplexEventStrikeNumberOfOptions	[0..1]	int	
UnderlyingComplexEventRateSourceGrp	[0..*]	Group	
UnderlyingComplexEventRelativeDate	[0..1]	Component	
UnderlyingComplexEventPeriodGrp	[0..*]	Group	
UnderlyingComplexEventCreditEventsXIDRef	[0..1]	XIDREF	
UnderlyingComplexEventCreditEventNotifyingParty	[0..1]	CodeSet	
UnderlyingComplexEventCreditEventBusinessCenter	[0..1]	String	
UnderlyingComplexEventCreditEventStandardSources	[0..1]	Boolean	
UnderlyingComplexEventCreditEventMinimumSources	[0..1]	int	
UnderlyingComplexEventCreditEventSourceGrp	[0..*]	Group	
UnderlyingComplexEventCreditEventGrp	[0..*]	Group	
UnderlyingComplexEventFuturesPriceValuation	[0..1]	Boolean	
UnderlyingComplexEventOptionsPriceValuation	[0..1]	Boolean	
UnderlyingComplexEventPVFinalPriceElectionFallback	[0..1]	CodeSet	
UnderlyingComplexEventXID	[0..1]	XID	
UnderlyingComplexEventXIDRef	[0..1]	XIDREF	

Used in components: [UnderlyingInstrument](#)

### **170.2.5526 UnderlyingComplexEventSpotRate**

FX spot rate.

Type: **Price**

Used in groups: **UnderlyingComplexEvents**

### **170.2.5527 UnderlyingComplexEventStartDate**

The start date of the date range on which a complex event is effective. The start date will be set equal to the end date for single day events such as Bermuda options.

The start date must always be less than or equal to end date.

Type: **UTCDateOnly**

Used in groups: **UnderlyingComplexEventDates**

### **170.2.5528 UnderlyingComplexEventStartTime**

The start time of the time range on which a complex event date is effective.

UnderlyingComplexEventStartTime(2057) must always be less than or equal to UnderlyingComplexEventEndTime(2058).

Type: **UTCTimeOnly**

Used in groups: **UnderlyingComplexEventTimes**

### **170.2.5529 UnderlyingComplexEventStrikeFactor**

Strike factor for Asian option feature. Upper strike percentage for a Strike Spread.

Type: **float**

Used in groups: **UnderlyingComplexEvents**

### **170.2.5530 UnderlyingComplexEventStrikeNumberOfOptions**

Upper string number of options for a Strike Spread.

Type: **int**

Used in groups: **UnderlyingComplexEvents**

**170.2.5531 UnderlyingComplexEventStrikePrice**

Upper strike price for Asian option feature. Strike percentage for a Strike Spread.

Type: **Price**

Used in groups: **UnderlyingComplexEvents**

**170.2.5532 UnderlyingComplexEventTimes**

The UnderlyingComplexEventTimes is a repeating subcomponent of the UnderlyingComplexEventDates component. It is used to further qualify any dates placed on the event and is used to specify time ranges for which a complex event is effective. It is always provided within the context of start and end dates. The time range is assumed to be in effect for the entirety of the date or date range specified.

Name	Mult.	Type	Description
<b>NoUnderlyingComplexEventTimes</b>	[1..1]	NumInGroup	
<b>UnderlyingComplexEventStartTime</b>	[0..1]	UTCTimeOnly	Required if NoUnderlyingComplexEventTimes(2056) > 0.
<b>UnderlyingComplexEventEndTime</b>	[0..1]	UTCTimeOnly	Required if NoUnderlyingComplexEventTimes(2056) > 0.

Used in groups: **UnderlyingComplexEventDates**

**170.2.5533 UnderlyingComplexEventType**

Identifies the type of complex event.

Type: **int**

Allowed values in ComplexEventTypeCodeSet:

Code	Name	Description
1	Capped	Capped
2	Trigger	Trigger
3	KnockInUp	Knock-in up
4	KnockInDown	Knock-in down
5	KnockOutUp	Knock-out up
6	KnockOutDown	Knock-out down

Code	Name	Description
7	Underlying	Underlying
8	ResetBarrier	Reset Barrier
9	RollingBarrier	Rolling Barrier
10	OneTouch	One-touch
11	NoTouch	No-touch
12	DbOneTouch	Double one-touch
13	DbNoTouch	Double no-touch
14	FXComposite	Foreign exchange composite
15	FXQuanto	Foreign exchange Quanto
16	FXCrssCcy	Foreign exchange cross currency
17	StrkSpread	Strike spread
18	ClndrSpread	Calendar spread
19	PxObsvtn	Price observation (Asian or Lookback)
20	PassThrough	Pass-through
21	StrkSched	Strike schedule
22	EquityValuation	Equity valuation
23	DividendValuation	Dividend valuation

---

Used in groups: [UnderlyingComplexEvents](#)

#### **170.2.5534 UnderlyingComplexEventXID**

Identifier of this complex event for cross referencing elsewhere in the message.

Type: [XID](#)

Used in groups: [UnderlyingComplexEvents](#)

#### **170.2.5535 UnderlyingComplexEventXIDRef**

Reference to a complex event elsewhere in the message.

Type: [XIDREF](#)

Used in groups: [UnderlyingComplexEvents](#)

**170.2.5536 UnderlyingComplexOptPayoutAmount**

Cash amount indicating the pay out associated with an event. For binary options this is a fixed amount.

Type: **Amt**

Used in groups: **UnderlyingComplexEvents**

**170.2.5537 UnderlyingComplexOptPayoutCurrency**

Specifies the currency of the payout amount.

UnderlyingComplexOptPayoutCurrencyCodeSource(2947) may be used to disambiguate the code source scheme used, and ISO 4217 is the default scheme if absent.

Type: **Currency**

Used in groups: **UnderlyingComplexEvents**

**170.2.5538 UnderlyingComplexOptPayoutCurrencyCodeSource**

Identifies class or source of the UnderlyingComplexOptPayoutCurrency(2266) value.

Type: **String**

Allowed values in CurrencyCodeSourceCodeSet:

Code	Name	Description
1	CUSIP	CUSIP
2	SEDOL	SEDOL
4	ISINNumber	ISIN
6	ISOCurrencyCode	ISO Currency Code (ISO 4217)
S	FinancialInstrumentGlobalIdentifier	Financial Instrument Global Identifier. An Object Management Group (OMG) standard. Also referred to as FIGI. Formerly known as "Bloomberg Open Symbology BBGID".
Y	DigitalTokenIdentifier	Digital Token Identifier (ISO 24165)

Used in groups: **UnderlyingComplexEvents**

**170.2.5539 UnderlyingComplexOptPayoutPaySide**

Trade side of payout payer.

Type: **int**

Allowed values in PaymentPaySideCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
1	Buy	Buy
2	Sell	Sell

---

Used in groups: **UnderlyingComplexEvents**

**170.2.5540 UnderlyingComplexOptPayoutPercentage**

Percentage of observed price for calculating the payout associated with the event.

Type: **Percentage**

Used in groups: **UnderlyingComplexEvents**

**170.2.5541 UnderlyingComplexOptPayoutReceiveSide**

Trade side of payout receiver.

Type: **int**

Allowed values in PaymentPaySideCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
1	Buy	Buy
2	Sell	Sell

---

Used in groups: **UnderlyingComplexEvents**

**170.2.5542 UnderlyingComplexOptPayoutTime**

The time when the payout is to occur.

Type: **int**

Allowed values in ComplexOptPayoutTimeCodeSet:

Code	Name	Description
0	Close	Close
1	Open	Open
2	OfficialSettl	Official settlement
3	ValuationTime	Valuation time
4	ExcahgneSettlTime	Exchange settlement time
5	DerivativesClose	Derivatives close
6	AsSpecified	As specified in master confirmation

Used in groups: **UnderlyingComplexEvents**

**170.2.5543 UnderlyingComplexOptPayoutUnderlier**

Reference to the underlier whose payments are being passed through.

Type: **String**

Used in groups: **UnderlyingComplexEvents**

**170.2.5544 UnderlyingConstituentWeight**

For a basket, or pool, describes the weight of each of the constituents within the basket. If not provided, it is assumed to be equal weighted.

Type: **float**

Used in components: **UnderlyingInstrument**

**170.2.5545 UnderlyingContractMultiplier**

Underlying security's ContractMultiplier.

See ContractMultiplier (231) field for description



Type: **float**

Used in components: **UnderlyingInstrument**

### **170.2.5546 UnderlyingContractMultiplierUnit**

Indicates the type of multiplier being applied to the contract.

Type: **int**

Allowed values in ContractMultiplierUnitCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	Shares	Shares
1	Hours	Hours
2	Days	Days

---

Used in components: **UnderlyingInstrument**

### **170.2.5547 UnderlyingContractPriceRefMonth**

Reference month if there is no applicable UnderlyingMaturityMonth(313) value for the contract or security.

Type: **MonthYear**

Used in components: **UnderlyingInstrument**

### **170.2.5548 UnderlyingContractSettlMonth**

Specifies when the contract (i.e. MBS/TBA) will settle. Must be present for MBS/TBA.

Type: **MonthYear**

Used in components: **UnderlyingInstrument**

### **170.2.5549 UnderlyingContraryInstructionEligibilityIndicator**

Identifies whether the option instrument is eligible for contrary instructions at the time of exercise. The contrariness of an instruction will be determined in the context of UnderlyingInTheMoneyCondition(2683). When not specified, the eligibility is undefined or not applicable.

Type: **Boolean**

Used in components: **UnderlyingInstrument**

### **170.2.5550 UnderlyingCountryOfIssue**

Underlying security's CountryOfIssue.

See CountryOfIssue (470) field for description

Type: **Country**

Used in components: **UnderlyingInstrument**

### **170.2.5551 UnderlyingCouponDayCount**

The day count convention used in interest calculations for a bond or an interest bearing security.

Type: **int**

Allowed values in CouponDayCountCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	OneOne	1/1. If parties specify the Day Count Fraction to be 1/1 then in calculating the applicable amount, 1 is simply input into the calculation as the relevant Day Count Fraction. See also 2006 ISDA Definitions, Section 4.16. Day Count Fraction, paragraph (a).
1	ThirtyThreeSixtyUS	30/360 (30U/360 or Bond Basis). See also ISO 15022 MICO code 'A001'.
2	ThirtyThreeSixtySIA	30/360 (SIA). A variant of "30/360" - when Date1 and Date2 are both Feb. 28th or 29th convert them to 30th using the same logic in the conversion of 31st to 30th.
3	ThirtyThreeSixtyM	30/360M. Commonly used day count convention for US mortgage backed securities. Feb 28th (or 29th in a leap year) is always considered as a 30th for a start date. As a comparison, in the regular 30/360 day count as used by most US agency and corporate bonds, a start date of Feb 28th (or 29th in a leap year) is still considered as the 28th (or 29th) day of a month of 30 days.
4	ThirtyEThreeSixty	30E/360 (Eurobond Basis). See also ISO 15022 MICO code 'A007'.

---

Code	Name	Description
5	ThirtyEThreeSixtyISDA	30E/360 (ISDA). Date adjustment rules are: (1) if Date1 is the last day of the month, then change Date1 to 30; (2) if D2 is the last day of the month (unless Date2 is the maturity date and Date2 is in February), then change Date2 to 30. See also 2006 ISDA Definitions, Section 4.16. Day Count Fraction, paragraph (h).
6	ActThreeSixty	Act/360. See also ISO 15022 MICO code 'A004'.
7	ActThreeSixtyFiveFixed	Act/365 (FIXED). See also ISO 15022 MICO code 'A005'.
8	ActActAFB	Act/Act (AFB). See also ISO 15022 MICO code 'A010'.
9	ActActICMA	Act/Act (ICMA). See also ISO 15022 MICO code 'A006'.
10	ActActISMAUltimo	Act/Act (ICMA Ultimo). The Act/Act (ICMA Ultimo) differs from Act/Act (ICMA) method only that it assumes that regular coupons always fall on the last day of the month.
11	ActActISDA	Act/Act (ISDA). See also ISO 15022 MICO code 'A008'.
12	BusTwoFiftyTwo	BUS/252. Used for Brazilian Real swaps, which is based on business days instead of calendar days. The number of business days divided by 252.
13	ThirtyEPlusThreeSixty	30E+/360. Variation on 30E/360. Date adjustment rules: (1) If Date1 falls on the 31st, then change it to the 30th; (2) If Date2 falls on the 31st, then change it to 1 and increase Month2 by one, i.e. next month.
14	ActThreeSixtyFiveL	Act/365L. See also ISO 15022 MICO code 'A009'.
15	NLThreeSixtyFive	NL365. See also ISO 15022 MICO code 'A014'.
16	NLThreeSixty	NL360. This is the same as Act/360, with the exception of leap days (29th February) which are ignored.
17	Act364	Act/364. The actual number of days between Date1 and Date2, divided by 364.
18	ThirtyThreeSixtyFive	30/365. Interest is calculated based on a 30-day month in a way similar to the 30/360 (basic rule) and a 365-day year. Accrued interest to a value date on the last day of a month shall be the same as to the 30th calendar day of the same month, except for February. This means that a 31 is assumed to be a 30 and the 28 February (or 29 February for a leap year) is assumed to be a 28 (or 29). See also ISO 15022 MICO code 'A002'.

<b>Code</b>	<b>Name</b>	<b>Description</b>
19	ThirtyActual	30/Actual. Interest is calculated based on a 30-day month in a way similar to the 30/360 (basic rule) and the assumed number of days in a year in a way similar to the Actual/Actual (ICMA). Accrued interest to a value date on the last day of a month shall be the same as to the 30th calendar day of the same month, except for February. This means that a 31 is assumed to be a 30 and the 28 February (or 29 February for a leap year) is assumed to be a 28 (or 29). The assumed number of days in a year is computed as the actual number of days in the coupon period multiplied by the number of interest payments in the year. See also ISO 15022 MICO code 'A003'.
20	ThirtyThreeSixtyICMA	30/360 (ICMA or basis rule). Interest is calculated based on a 30-day month and a 360-day year. Accrued interest to a value date on the last day of a month shall be the same as to the 30 calendar day of the same month, except for February. This means that a 31 is assumed to be a 30 and the 28 February (or 29 February for a leap year) is assumed to be a 28 (or 29). It is the most commonly used 30/360 method for non-US straight and convertible bonds issued before 1 January 1999. See also ISO 15022 MICO code 'A011'.
21	ThirtyETwoThreeSixty	30E2/360 (Eurobond basis model two). Interest is calculated based on a 30-day month and a 360-day year. Accrued interest to a value date on the last day of a month shall be the same as to the 30th calendar day of the same month, except for the last day of February whose day of the month value shall be adapted to the value of the first day of the interest period if the latter is higher and if the period is one of a regular schedule. This means that a 31 is assumed to be a 30 and the 28 February of a non-leap year is assumed to be equivalent to a 29 February when the first day of the interest period is a 29, or to a 30 February when the first day of the interest period is a 30 or a 31. The 29 February of a leap year is assumed to be equivalent to a 30 February when the first day of the interest period is a 30 or a 31. Similarly, if the coupon period starts on the last day of February, it is assumed to produce only one day of interest in February as if it was starting on a 30 February when the end of the period is a 30 or a 31, or two days of interest in February when the end of the period is a 29, or three days of interest in February when it is the 28 February of a non-leap year and the end of the period is before the 29. See also ISO 15022 MICO code 'A012'.

Code	Name	Description
22	ThirtyEThreeThreeSixty	30E3/360 (Eurobond basis model three). Interest is calculated based on a 30-day month and a 360-day year. Accrued interest to a value date on the last day of a month shall be the same as to the 30th calendar day of the same month. This means that a 31 is assumed to be a 30 and the 28 February (or 29 February for a leap year) is assumed to be equivalent to a 30 February. It is a variation of the 30E/360 (or Eurobond basis) method where the last day of February is always assumed to be a 30, even if it is the last day of the maturity coupon period. See also ISO 15022 MICO code 'A013'.
99	Other	Other. For other day count method. See also ISO 15022 MICO code 'OTHR'.

Used in components: [UnderlyingInstrument](#)

### 170.2.5552 UnderlyingCouponFrequencyPeriod

Time unit multiplier for the frequency of the bond's coupon payment.

Type: [int](#)

Used in components: [UnderlyingInstrument](#)

### 170.2.5553 UnderlyingCouponFrequencyUnit

Time unit associated with the frequency of the bond's coupon payment.

Type: [String](#)

Allowed values in CouponFrequencyUnitCodeSet:

Code	Name	Description
D	Day	Day
Wk	Week	Week
Mo	Month	Month
Yr	Year	Year
H	Hour	Hour
Min	Minute	Minute
S	Second	Second

Code	Name	Description
T	Term	Term

Used in components: [UnderlyingInstrument](#)

#### **170.2.5554 UnderlyingCouponOtherDayCount**

The industry name of the day count convention not listed in UnderlyingCouponDayCount(1993).

Type: [String](#)

Used in components: [UnderlyingInstrument](#)

#### **170.2.5555 UnderlyingCouponPaymentDate**

Underlying security's CouponPaymentDate.

See CouponPaymentDate (224) field for description

(Note tag # was reserved in FIX 4.1, added in FIX 4.3)

(prior to FIX 4.4 field was of type UTCTDate)

Type: [LocalMktDate](#)

Used in components: [UnderlyingInstrument](#)

#### **170.2.5556 UnderlyingCouponRate**

Underlying security's CouponRate.

See CouponRate (223) field for description

Type: [Percentage](#)

Used in components: [UnderlyingInstrument](#)

#### **170.2.5557 UnderlyingCouponType**

Specifies the coupon type of the underlying bond.

Type: [int](#)

Allowed values in CouponTypeCodeSet:

Code	Name	Description
0	Zero	Zero
1	FixedRate	Fixed rate
2	FloatingRate	Floating rate
3	Structured	Structured

Used in components: [UnderlyingInstrument](#)

### 170.2.5558 UnderlyingCPPProgram

The program under which the underlying commercial paper is issued

Type: [int](#)

Allowed values in CPPProgramCodeSet:

Code	Name	Description
1	Program3a3	3(a)(3). Arising out of a current transaction with a maturity less than 9 months.
2	Program42	4(2). Issued not involving any public offering.
3	Program3a2	3(a)(2). Issued or guaranteed by the US, state or territorial government.
4	Program3a3And3c7	3(a)(3) & 3(c)(7). Combination of 3(a)(3) and 3(c)(7).
5	Program3a4	3(a)(4). Religious, education, benevolent, fraternal, charitable or reformatory purposes.
6	Program3a5	3(a)(5). Issued by an institution supervised by state or federal authority or by an exempt farmer's cooperative.
7	Program3a7	3(a)(7). Issued by a receiver or trustee in bankruptcy.
8	Program3c7	3(c)(7). Qualified hedge-fund under the Investment Company Act of 1940.
99	Other	Other

Used in components: [UnderlyingInstrument](#)

**170.2.5559 UnderlyingCPRegType**

The registration type of the underlying commercial paper issuance

Type: **String**

Used in components: **UnderlyingInstrument**

**170.2.5560 UnderlyingCreditRating**

Underlying security's CreditRating.

See CreditRating (255) field for description

(Note tag # was reserved in FIX 4.1, added in FIX 4.3)

Type: **String**

Used in components: **UnderlyingInstrument**

**170.2.5561 UnderlyingCurrency**

Underlying security's currency.

Type: **Currency**

Used in components: **UnderlyingInstrument**

**170.2.5562 UnderlyingCurrencyCodeSource**

Identifies class or source of the UnderlyingCurrency(318) value.

Type: **String**

Allowed values in CurrencyCodeSourceCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
1	CUSIP	CUSIP
2	SEDOL	SEDOL
4	ISINNumber	ISIN
6	ISOCurrencyCode	ISO Currency Code (ISO 4217)

---



Code	Name	Description
S	FinancialInstrumentGlobalIdentifier	Financial Instrument Global Identifier. An Object Management Group (OMG) standard. Also referred to as FIGI. Formerly known as "Bloomberg Open Symbology BBGID".
Y	DigitalTokenIdentifier	Digital Token Identifier (ISO 24165)

---

Used in components: [UnderlyingInstrument](#)

### 170.2.5563 UnderlyingCurrentValue

Currency value currently attributed to this collateral

Type: [Amt](#)

Used in components: [UnderlyingInstrument](#)

### 170.2.5564 UnderlyingDateAdjustment

UnderlyingDateAdjustment is a subcomponent within the UnderlyingInstrument component. It is used to specify date adjustment parameters and rules. The date adjustments specified here applies to all adjustable dates for the underlying instrument, unless specifically overridden in the respective specified components further within the UnderlyingInstrument component.

---

Name	Mult.	Type	Description
<a href="#">UnderlyingBusinessDayConvention</a>	[0..1]	CodeSet	
<a href="#">UnderlyingBusinessCenterGrp</a>	[0..*]	Group	
<a href="#">UnderlyingDateRollConvention</a>	[0..1]	CodeSet	

---

Used in components: [UnderlyingInstrument](#)

### 170.2.5565 UnderlyingDatedDate

If different from IssueDate()

Type: [LocalMktDate](#)

Used in components: [UnderlyingInstrument](#)

**170.2.5566 UnderlyingDateRollConvention**

The convention for determining a sequence of dates. It is used in conjunction with a specified frequency. The value defined here applies to all adjustable dates in the underlying instrument unless specifically overridden.

Type: **String**

Allowed values in DateRollConventionCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
1	FirstDay	1st day of the month
2	SecondDay	2nd day of the month
3	ThirdDay	3rd day of the month
4	FourthDay	4th day of the month
5	FifthDay	5th day of the month
6	SixthDay	6thd day of the month
7	SeventhDay	7th day of the month
8	EighthDay	8th day of the month
9	NinthDay	9th day of the month
10	TenthDay	10th day of the month
11	EleventhDay	11th day of the month
12	TwelvthDay	12th day of the month
13	ThirteenthDay	13th day of the month
14	ForteenthDay	14th day of the month
15	FifteenthDay	15th day of the month
16	SixteenthDay	16th day of the month
17	SeventeenthDay	17th day of the month
18	EighteenthDay	18th day of the month
19	NineteenthDay	19th day of the month
20	TwentiethDay	20th day of the month
21	TwentyFirstDay	21st day of the month
22	TwentySecondDay	22nd day of the month
23	TwentyThirdDay	23rd day of the month
24	TwentyFourthDay	24th day of the month
25	TwentyFifthDay	25th day of the month
26	TwentySixthDay	26th day of the month
27	TwentySeventhDay	27th day of the month

---

Code	Name	Description
28	TwentyEighthDa28y	28th day of the month
29	TwentyNinthDay	29th day of the month
30	ThirtiethDay	30th day of the month
EOM	EOM	The end of the month. Use EOM for 31st day of the month.
FRN	FRN	The floating rate note convention or Eurodollar convention.
IMM	IMM	The International Money Market settlement date, i.e. the 3rd Wednesday of the month.
IMMCAD	IMMCAD	The last trading day/expiration day of the Canadian Derivatives Exchange.
IMMAUD	IMMAUD	The last trading day of the Sydney Futures Exchange Australian 90-day bank accepted bill futures contract.
IMMNZD	IMMNZD	The last trading day of the Sydney Futures Exchange New Zealand 90-day bank bill futures contract.
SFE	SFE	The Sydney Futures Exchange 90-day bank accepted bill futures settlement dates.
NONE	NONE	No adjustment
TBILL	TBILL	The 13-week and 26-week U.S. Treasury Bill auction dates.
MON	MON	Monday
TUE	TUE	Tuesday
WED	WED	Wednesday
THU	THU	Thursday
FRI	FRI	Friday
SAT	SAT	Saturday
SUN	SUN	Sunday

Used in components: [UnderlyingDateAdjustment](#)

### **170.2.5567 UnderlyingDeliveryAmount**

Indicates the underlying position amount to be delivered

Type: [Amt](#)

Used in groups: [PosUndInstrmtGrp](#)

**170.2.5568 UnderlyingDeliveryRouteOrCharter**

Specific delivery route or time charter average. Applicable to commodity freight contracts.

Type: **String**

Used in components: **UnderlyingInstrument**

**170.2.5569 UnderlyingDeliveryScheduleGrp**

The UnderlyingDeliveryScheduleGrp is a repeating subcomponent of the UnderlyingStream component used to detail step schedules associated with a delivery stream.

<b>Name</b>	<b>Mult.</b>	<b>Type</b>	<b>Description</b>
<b>NoUnderlyingDeliverySchedules</b>	[1..1]	NumInGroup	
<b>UnderlyingDeliveryScheduleType</b>	[0..1]	CodeSet	Required if NoUnderlyingDeliverySchedules(41756) > 0.
<b>UnderlyingDeliveryScheduleXID</b>	[0..1]	XID	
<b>UnderlyingDeliveryScheduleNotional</b>	[0..1]	Qty	
<b>UnderlyingDeliveryScheduleNotionalUnitOfMeasure</b>	[0..1]	CodeSet	
<b>UnderlyingDeliveryScheduleNotionalCommodityFrequency</b>	[0..1]	CodeSet	
<b>UnderlyingDeliveryScheduleNegativeTolerance</b>	[0..1]	float	
<b>UnderlyingDeliverySchedulePositiveTolerance</b>	[0..1]	float	
<b>UnderlyingDeliveryScheduleToleranceUnitOfMeasure</b>	[0..1]	CodeSet	
<b>UnderlyingDeliveryScheduleToleranceType</b>	[0..1]	CodeSet	Conditionally required when UnderlyingDeliveryScheduleNegativeTolerance(41762) or UnderlyingDeliverySchedulePositiveTolerance(41763) is specified.
<b>UnderlyingDeliveryScheduleSettleCountry</b>	[0..1]	Country	
<b>UnderlyingDeliveryScheduleSettleTimeZone</b>	[0..1]	String	
<b>UnderlyingDeliveryScheduleSettleFlowType</b>	[0..1]	CodeSet	

Name	Mult.	Type	Description
<a href="#">UnderlyingDeliveryScheduleSettHolidaysProcessingInstruction</a>	[0..1]	CodeSet	
<a href="#">UnderlyingDeliveryScheduleSettDayGrp</a>	[0..*]	Group	

Used in groups: [UnderlyingStreamGrp](#)

### 170.2.5570 UnderlyingDeliveryScheduleNegativeTolerance

Specifies the negative tolerance value. The value may be an absolute quantity or a percentage, as specified in [UnderlyingDeliveryScheduleToleranceType\(41765\)](#). Percentage value is to be expressed relative to "1.0" representing 100% (e.g. a value of "0.0575" represents 5.75%).

Type: [float](#)

Used in groups: [UnderlyingDeliveryScheduleGrp](#)

### 170.2.5571 UnderlyingDeliveryScheduleNotional

Physical delivery quantity.

Type: [Qty](#)

Used in groups: [UnderlyingDeliveryScheduleGrp](#)

### 170.2.5572 UnderlyingDeliveryScheduleNotionalCommodityFrequency

The frequency of notional delivery.

Type: [int](#)

Allowed values in [StreamNotionalCommodityFrequencyCodeSet](#):

Code	Name	Description
0	Term	Term
1	PerBusinessDay	Per business day
2	PerCalculationPeriod	Per calculation period
3	PerSettlPeriod	Per settlement period

Code	Name	Description
4	PerCalendarDay	Per calendar day
5	PerHour	Per hour
6	PerMonth	Per month

Used in groups: [UnderlyingDeliveryScheduleGrp](#)

### 170.2.5573 UnderlyingDeliveryScheduleNotionalUnitOfMeasure

Specifies the delivery quantity unit of measure (UOM).

Type: [String](#)

Allowed values in UnitOfMeasureCodeSet:

Code	Name	Description
Alw	Allowances	Allowances
Bcf	BillionCubicFeet	Billion cubic feet
Bbl	Barrels	Barrels. Equal to 42 US gallons
CBM	CubicMeters	Cubic Meters
BDFT	BoardFeet	Board feet. Equal to 144 cubic inches
GJ	Gigajoules	gigajoules
Bu	Bushels	Bushels
kHR	HeatRate	Heat rate. The number of BTUs required to produce one kilowatt hour of electricity, typically 3,412.14 BTUs per 1 kWh.
Ccy	Currency	Amount of currency
kWh	KilowattHours	Kilowatt hours
CDD	CoolingDegreeDay	Cooling degree day
MHR	MegaHeatRate	Mega heat rate. The number of million BTUs required to produce one megawatt hour of electricity, typically 3.41214 million BTUs per 1 MWh.
CER	CertifiedEmissionsReduction	Certified emissions reduction
MMBtu	OneMillionBTU	One Million BTU
CPD	CriticalPrecipDay	Critical precipitation day
MWh	MegawattHours	Megawatt hours
CRT	ClimateReserveTonnes	Climate reserve tonnes
thm	Therms	therms. Equal to 100,000 BTU

<b>Code</b>	<b>Name</b>	<b>Description</b>
cwt	Hundredweight	Hundredweight(US). Equal to 100 lbs
tnCO2	TonsOfCarbonDioxide	Tons of carbon dioxide
day	Day	Days
dt	DryMetricTons	Dry metric tons
EnvAllwnc	EnvAllwncCert	Environmental allowance certificates
EnvCrd	EnvironmentalCredit	Environmental credit
EnvOfst	EnvironmentalOffset	Environmental Offset
g	Grams	Grams
Gal	Gallons	Gallons
GT	GrossTons	Gross tons. Also known as long tons or imperial tons, equal to 2240 lbs
HDD	HeatingDegreeDay	Heating degree day
IPNT	IndexPoint	Index point
kg	Kilograms	Kilograms
kL	Kiloliters	kiloliters
kW-a	KilowattYear	Kilowatt year (electrical capacity)
kW-d	KilowattDay	Kilowatt day (electrical capacity)
kW-h	KilowattHour	Kilowatt hour (electrical capacity)
kW-M	KilowattMonth	Kilowatt month (electrical capacity)
kW-min	KilowattMinute	Kilowatt-Minute (electrical capacity)
L	Liters	liters
lbs	Pounds	pounds
MW-a	MegawattYear	Megawatt year (electrical capacity)
MW-d	MegawattDay	Megawatt day (electrical capacity)
MW-h	MegawattHour	Megawatt hour (electrical capacity)
MW-M	MegawattMonth	Megawatt month (electrical capacity)
MW-min	MegawattMinute	Megawatt minute (electrical capacity)
oz_tr	TroyOunces	Troy ounces
PRINC	PrincipalWithRelationToDebtInstrument	Principal with relation to debt instrument
t	MetricTons	Metric tons. Also known as Tonnes, equal to 1000 kg
tn	Tons	Tons (US). Equal to 2000 lbs
a	Are	Are
ac	Acre	Acre
cL	Centiliter	Centiliter

<b>Code</b>	<b>Name</b>	<b>Description</b>
cM	Centimeter	Centimeter
DGE	DieselGallonEquivalent	Diesel gallon equivalent
ft	Foot	Foot
Gal_gb	GBGallon	GB Gallon
GGE	GasolineGallonEquivalent	Gasonline gallon equivalent
ha	Hectare	Hectare
in	Inch	Inch
kM	Kilometer	Kilometer
M	Meter	Meter
mi	Mile	Mile
mL	Milliliter	Milliliter
mM	Millimeter	Millimeter
oz	USOunce	US ounce
pc	Piece	Piece
pt	USPint	US Pint
pt_gb	GBPint	GB pint
qt	USQuart	US Quart
qt_gb	GBQuart	GB Quart
SqcM	SquareCentimeter	Square centimeter
Sqft	SquareFoot	Square foot
Sqin	SquareInch	Square inch
SqkM	SquareKilometer	Square kilometer
SqM	SquareMeter	Square meter
Sqmi	SquareMile	Square mile
SqmM	SquareMillimeter	Square millimeter
Sqyd	SquareYard	Square yard
yd	Yard	Yard
MMbbl	MillionBarrels	Million Barrels
USD	USDollars	US Dollars

Used in groups: [UnderlyingDeliveryScheduleGrp](#)



**170.2.5574 UnderlyingDeliverySchedulePositiveTolerance**

Specifies the positive tolerance value. The value may be an absolute quantity or a percentage, as specified in `UnderlyingDeliveryScheduleToleranceType(41765)`. Value may exceed agreed upon value. Percentage value is to be expressed relative to "1.0" representing 100% (e.g. a value of "0.0575" represents 5.75%).

Type: `float`

Used in groups: `UnderlyingDeliveryScheduleGrp`

**170.2.5575 UnderlyingDeliveryScheduleSettlCountry**

Specifies the country where delivery takes place. Uses ISO 3166 2-character country code.

Type: `Country`

Used in groups: `UnderlyingDeliveryScheduleGrp`

**170.2.5576 UnderlyingDeliveryScheduleSettlDay**

Specifies the day or group of days for delivery.

Type: `int`

Allowed values in `DeliveryScheduleSettlDayCodeSet`:

---

Code	Name	Description
1	Monday	Monday
2	Tuesday	Tuesday
3	Wednesday	Wednesday
4	Thursday	Thursday
5	Friday	Friday
6	Saturday	Saturday
7	Sunday	Sunday
8	AllWeekdays	All weekdays
9	AllDays	All days
10	AllWeekends	All weekends

---

Used in groups: `UnderlyingDeliveryScheduleSettlDayGrp`

**170.2.5577 UnderlyingDeliveryScheduleSettlDayGrp**

The UnderlyingDeliveryScheduleSettlDayGrp is a repeating subcomponent of the UnderlyingDeliveryScheduleGrp component used to detail commodity delivery days.

Name	Mult.	Type	Description
NoUnderlyingDeliveryScheduleSettlDays	[1..1]	NumInGroup	
UnderlyingDeliveryScheduleSettlDay	[0..1]	CodeSet	Required if NoUnderlyingDeliveryScheduleSettlDays(41770) > 0.
UnderlyingDeliveryScheduleSettlTotalHours	[0..1]	int	
UnderlyingDeliveryScheduleSettlTimeGrp	[0..*]	Group	

Used in groups: [UnderlyingDeliveryScheduleGrp](#)

**170.2.5578 UnderlyingDeliveryScheduleSettlEnd**

The scheduled end time for the delivery of the commodity where delivery occurs over specified times. The format of the time value is specified in UnderlyingDeliveryScheduleSettlTimeType(41776).

Type: [String](#)

Used in groups: [UnderlyingDeliveryScheduleSettlTimeGrp](#)

**170.2.5579 UnderlyingDeliveryScheduleSettlFlowType**

Specifies the delivery flow type.

Type: [int](#)

Allowed values in DeliveryScheduleSettlFlowTypeCodeSet:

Code	Name	Description
0	AllTimes	All times
1	OnPeak	On peak
2	OffPeak	Off peak

---

Code	Name	Description
3	Base	Base
4	BlockHours	Block hours
5	Other	Other

---

Used in groups: [UnderlyingDeliveryScheduleGrp](#)

### **170.2.5580 UnderlyingDeliveryScheduleSettlHolidaysProcessingInstruction**

Indicates whether holidays are included in the settlement periods. Required for electricity contracts.

Type: [int](#)

Allowed values in DeliveryScheduleSettlHolidaysProcessingInstructionCodeSet:

---

Code	Name	Description
0	DoNotIncludeHolidays	Do not include holidays
1	IncludeHolidays	Include holidays

---

Used in groups: [UnderlyingDeliveryScheduleGrp](#)

### **170.2.5581 UnderlyingDeliveryScheduleSettlStart**

The scheduled start time for the delivery of the commodity where delivery occurs over specified times. The format of the time value is specified in UnderlyingDeliveryScheduleSettlTimeType(41776).

Type: [String](#)

Used in groups: [UnderlyingDeliveryScheduleSettlTimeGrp](#)

### **170.2.5582 UnderlyingDeliveryScheduleSettlTimeGrp**

The UnderlyingDeliveryScheduleSettlTimeGrp is a repeating subcomponent of the UnderlyingDeliveryScheduleSettlDayGrp component used to detail commodity delivery time periods.

Name	Mult.	Type	Description
NoUnderlyingDeliveryScheduleSettlTimes	[1..1]	NumInGroup	
UnderlyingDeliveryScheduleSettlStart	[0..1]	String	Required if NoUnderlyingDeliveryScheduleSettlTimes(41773) > 0.
UnderlyingDeliveryScheduleSettlEnd	[0..1]	String	Required if NoUnderlyingDeliveryScheduleSettlTimes(41773) > 0.
UnderlyingDeliveryScheduleSettlTimeType	[0..1]	CodeSet	May be defaulted to market convention or bilaterally agreed if not specified.

Used in groups: [UnderlyingDeliveryScheduleSettlDayGrp](#)

### 170.2.5583 UnderlyingDeliveryScheduleSettlTimeType

Specifies the format of the delivery start and end time values.

Type: [int](#)

Allowed values in DeliveryScheduleSettlTimeTypeCodeSet:

Code	Name	Description
0	Hour	Hour of the day. Applicable for electricity contracts. Time value is expressed as an integer hour of the day (1-24). The delivery start/end hour is specified as the end of the included hour. For example, a start hour of "4" begins at 3 a.m.; an end hour of "20" ends at 8 p.m.; a start hour of "1" and end hour of "24" indicates midnight to midnight delivery.
1	Timestamp	HH:MM time format. Applicable for gas contracts. Time value is expressed using a 24-hour time format. For example, a time value of "13:30" is 1:30 p.m.

Used in groups: [UnderlyingDeliveryScheduleSettlTimeGrp](#)

### 170.2.5584 UnderlyingDeliveryScheduleSettlTimeZone

Delivery timezone specified as "prevailing" rather than "standard" or "daylight".

See [http://www.fixtradingcommunity.org/codelists#Prevailing\\_Timezones](http://www.fixtradingcommunity.org/codelists#Prevailing_Timezones) for code list of applicable prevailing timezones.

Type: **String**

Used in groups: **UnderlyingDeliveryScheduleGrp**

### **170.2.5585 UnderlyingDeliveryScheduleSettlTotalHours**

The sum of the total hours specified in the UnderlyingDeliveryScheduleSettlTimeGrp component.

Type: **int**

Used in groups: **UnderlyingDeliveryScheduleSettlDayGrp**

### **170.2.5586 UnderlyingDeliveryScheduleToleranceType**

Specifies the tolerance value type.

Type: **int**

Allowed values in DeliveryScheduleToleranceTypeCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	Absolute	Absolute
1	Percentage	Percentage

---

Used in groups: **UnderlyingDeliveryScheduleGrp**

### **170.2.5587 UnderlyingDeliveryScheduleToleranceUnitOfMeasure**

Specifies the tolerance value's unit of measure (UOM).

Type: **String**

Allowed values in UnitOfMeasureCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
Alw	Allowances	Allowances
Bcf	BillionCubicFeet	Billion cubic feet
Bbl	Barrels	Barrels. Equal to 42 US gallons
CBM	CubicMeters	Cubic Meters
BDFT	BoardFeet	Board feet. Equal to 144 cubic inches

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
GJ	Gigajoules	gigajoules
Bu	Bushels	Bushels
kHR	HeatRate	Heat rate. The number of BTUs required to produce one kilowatt hour of electricity, typically 3,412.14 BTUs per 1 kWh.
Ccy	Currency	Amount of currency
kWh	KilowattHours	Kilowatt hours
CDD	CoolingDegreeDay	Cooling degree day
MHR	MegaHeatRate	Mega heat rate. The number of million BTUs required to produce one megawatt hour of electricity, typically 3.41214 million BTUs per 1 MWh.
CER	CertifiedEmissionsReduction	Certified emissions reduction
MMBtu	OneMillionBTU	One Million BTU
CPD	CriticalPrecipDay	Critical precipitation day
MWh	MegawattHours	Megawatt hours
CRT	ClimateReserveTonnes	Climate reserve tonnes
thm	Therms	therms. Equal to 100,000 BTU
cwt	Hundredweight	Hundredweight(US). Equal to 100 lbs
tnCO2	TonsOfCarbonDioxide	Tons of carbon dioxide
day	Day	Days
dt	DryMetricTons	Dry metric tons
EnvAllwnc	EnvAllwncCert	Environmental allowance certificates
EnvCrd	EnvironmentalCredit	Environmental credit
EnvOfst	EnvironmentalOffset	Environmental Offset
g	Grams	Grams
Gal	Gallons	Gallons
GT	GrossTons	Gross tons. Also known as long tons or imperial tons, equal to 2240 lbs
HDD	HeatingDegreeDay	Heating degree day
IPNT	IndexPoint	Index point
kg	Kilograms	Kilograms
kL	Kiloliters	kiloliters
kW-a	KilowattYear	Kilowatt year (electrical capacity)
kW-d	KilowattDay	Kilowatt day (electrical capacity)
kW-h	KilowattHour	Kilowatt hour (electrical capacity)
kW-M	KilowattMonth	Kilowatt month (electrical capacity)

<b>Code</b>	<b>Name</b>	<b>Description</b>
kW-min	KilowattMinute	Kilowatt-Minute (electrical capacity)
L	Liters	liters
lbs	Pounds	pounds
MW-a	MegawattYear	Megawatt year (electrical capacity)
MW-d	MegawattDay	Megawatt day (electrical capacity)
MW-h	MegawattHour	Megawatt hour (electrical capacity)
MW-M	MegawattMonth	Megawatt month (electrical capacity)
MW-min	MegawattMinute	Megawatt minute (electrical capacity)
oz_tr	TroyOunces	Troy ounces
PRINC	PrincipalWithRelationToDebtInstrument	Principal with relation to debt instrument
t	MetricTons	Metric tons. Also known as Tonnes, equal to 1000 kg
tn	Tons	Tons (US). Equal to 2000 lbs
a	Are	Are
ac	Acre	Acre
cL	Centiliter	Centiliter
cM	Centimeter	Centimeter
DGE	DieselGallonEquivalent	Diesel gallon equivalent
ft	Foot	Foot
Gal_gb	GBGallon	GB Gallon
GGE	GasolineGallonEquivalent	Gasonline gallon equivalent
ha	Hectare	Hectare
in	Inch	Inch
kM	Kilometer	Kilometer
M	Meter	Meter
mi	Mile	Mile
mL	Milliliter	Milliliter
mM	Millimeter	Millimeter
oz	USOunce	US ounce
pc	Piece	Piece
pt	USPint	US Pint
pt_gb	GBPint	GB pint
qt	USQuart	US Quart
qt_gb	GBQuart	GB Quart

---

Code	Name	Description
Sqcm	SquareCentimeter	Square centimeter
Sqft	SquareFoot	Square foot
Sqin	SquareInch	Square inch
Sqkm	SquareKilometer	Square kilometer
SqM	SquareMeter	Square meter
Sqmi	SquareMile	Square mile
Sqmm	SquareMillimeter	Square millimeter
Sqyd	SquareYard	Square yard
yd	Yard	Yard
MMbbl	MillionBarrels	Million Barrels
USD	USDollars	US Dollars

---

Used in groups: [UnderlyingDeliveryScheduleGrp](#)

### 170.2.5588 UnderlyingDeliveryScheduleType

Specifies the type of delivery schedule.

Type: [int](#)

Allowed values in DeliveryScheduleTypeCodeSet:

---

Code	Name	Description
0	Notional	Notional
1	Delivery	Delivery
2	PhysicalSettlPeriods	Physical settlement period

---

Used in groups: [UnderlyingDeliveryScheduleGrp](#)

### 170.2.5589 UnderlyingDeliveryScheduleXID

Identifier for this instance of delivery schedule for cross referencing elsewhere in the message.

Type: [XID](#)

Used in groups: [UnderlyingDeliveryScheduleGrp](#)



**170.2.5590 UnderlyingDeliveryStreamCommoditySource**

The SCoTA coal cargo origin, mining region, mine(s), mining complex(es), loadout(s) or river dock(s) or other point(s) of origin that seller and buyer agree are acceptable origins for the coal product. For international coal transactions, this is the origin of the coal product.

See <http://www.fpml.org/coding-scheme/commodity-coal-product-source> for values.

Type: **String**

Used in groups: **UnderlyingDeliveryStreamCommoditySourceGrp**

**170.2.5591 UnderlyingDeliveryStreamCommoditySourceGrp**

The UnderlyingDeliveryStreamCommoditySourceGrp is a repeating subcomponent of the UnderlyingDeliveryStream component used to detail the origins or sources of the commodity.

Name	Mult.	Type	Description
<b>NoUnderlyingDeliveryStreamCommoditySources</b>	[1..1]	NumInGroup	
<b>UnderlyingDeliveryStreamCommoditySource</b>	[0..1]	String	Required if NoUnderlyingDeliveryStreamCommoditySources(41808) > 0.

Used in components: **UnderlyingDeliveryStream**

**170.2.5592 UnderlyingDeliveryStream**

The UnderlyingDeliveryStream component is a subcomponent of the UnderlyingStream used to detail the attributes of a physical delivery stream in a swap.

Name	Mult.	Type	Description
<b>UnderlyingDeliveryStreamType</b>	[0..1]	CodeSet	
<b>UnderlyingDeliveryStreamCommoditySourceGrp</b>	[0..*]	Group	
<b>UnderlyingDeliveryStreamPipeline</b>	[0..1]	String	
<b>UnderlyingDeliveryStreamEntryPoint</b>	[0..1]	String	
<b>UnderlyingDeliveryStreamWithdrawalPoint</b>	[0..1]	String	

Name	Mult.	Type	Description
UnderlyingDeliveryStreamDelivery-Point	[0..1]	String	
UnderlyingDeliveryStreamDelivery-PointSource	[0..1]	CodeSet	
UnderlyingDeliveryStreamDelivery-PointDesc	[0..1]	String	
UnderlyingDeliveryStreamDeliveryRe- striction	[0..1]	CodeSet	
UnderlyingDeliveryStreamDeliv- eryContingency	[0..1]	String	
UnderlyingDeliveryStreamDeliv- eryContingentPartySide	[0..1]	CodeSet	
UnderlyingDeliveryStreamDeliverAt- SourceIndicator	[0..1]	Boolean	
UnderlyingDeliveryStreamRiskAppor- tionment	[0..1]	String	
UnderlyingDeliveryStreamRiskAppor- tionmentSource	[0..1]	String	
UnderlyingDeliveryStreamCycleGrp	[0..*]	Group	
UnderlyingDeliveryStreamTitleTrans- ferLocation	[0..1]	String	
UnderlyingDeliveryStreamTitleTrans- ferCondition	[0..1]	CodeSet	
UnderlyingDeliveryStreamIm- porterOfRecord	[0..1]	String	
UnderlyingDeliveryStreamNegativeTol- erance	[0..1]	float	
UnderlyingDeliveryStreamPositiveTol- erance	[0..1]	float	
UnderlyingDeliveryStreamToleranceU- nitOfMeasure	[0..1]	CodeSet	
UnderlyingDeliveryStreamTolerance- Type	[0..1]	CodeSet	
UnderlyingDeliveryStreamToler- anceOptionSide	[0..1]	CodeSet	
UnderlyingDeliveryStreamTotalPosi- tiveTolerance	[0..1]	Percentage	
UnderlyingDeliveryStreamTotalNega- tiveTolerance	[0..1]	Percentage	

Name	Mult.	Type	Description
UnderlyingDeliveryStreamNotional-ConversionFactor	[0..1]	float	
UnderlyingDeliveryStreamTransportEquipment	[0..1]	String	
UnderlyingDeliveryStreamElectingPartySide	[0..1]	CodeSet	
UnderlyingDeliveryStreamRouteOrCharter	[0..1]	String	

Used in groups: [UnderlyingStreamGrp](#)

### 170.2.5593 UnderlyingDeliveryStreamCycleDesc

The delivery cycles during which the oil product will be transported in the pipeline.

Type: [String](#)

Used in groups: [UnderlyingDeliveryStreamCycleGrp](#)

### 170.2.5594 UnderlyingDeliveryStreamCycleGrp

The UnderlyingDeliveryStreamCycleGrp is a repeating subcomponent of the UnderlyingDeliveryStream component used to detail delivery cycles during which the oil product will be transported in the pipeline.

Name	Mult.	Type	Description
NoUnderlyingDeliveryStreamCycles	[1..1]	NumInGroup	
UnderlyingDeliveryStreamCycleDesc	[0..1]	String	Required if NoUnderlyingDeliveryStreamCycles(41804) > 0.
EncodedUnderlyingDeliveryStreamCycleDescLen	[0..1]	Length	Must be set if EncodedUnderlyingDeliveryStreamCycleDesc(41807) field is specified and must immediately precede it.
EncodedUnderlyingDeliveryStreamCycleDesc	[0..1]	data	Encoded (non-ASCII characters) representation of the UnderlyingDeliveryStreamCycleDesc(41805) field in the encoded format specified via the MessageEncoding(347) field.

Used in components: [UnderlyingDeliveryStream](#)

**170.2.5595 UnderlyingDeliveryStreamDeliverAtSourceIndicator**

When this element is specified and set to 'Y', delivery of the coal product is to be at its source.

Type: **Boolean**

Used in components: **UnderlyingDeliveryStream**

**170.2.5596 UnderlyingDeliveryStreamDeliveryContingency**

Specifies the electricity delivery contingency.

See <http://www.fpml.org/coding-scheme/electricity-transmission-contingency> for values.

Type: **String**

Used in components: **UnderlyingDeliveryStream**

**170.2.5597 UnderlyingDeliveryStreamDeliveryContingentPartySide**

The trade side value of the party responsible for electricity delivery contingency.

Type: **int**

Allowed values in DeliveryStreamElectingPartySideCodeSet:

---

Code	Name	Description
0	Buyer	Buyer
1	Seller	Seller

---

Used in components: **UnderlyingDeliveryStream**

**170.2.5598 UnderlyingDeliveryStreamDeliveryPoint**

The point at which the commodity product will be delivered and received. Value specified should follow market convention appropriate for the commodity product.

For bullion see <http://www.fpml.org/coding-scheme/bullion-delivery-location> for values.

Type: **String**

Used in components: **UnderlyingDeliveryStream**

**170.2.5599 UnderlyingDeliveryStreamDeliveryPointDesc**

Description of the delivery point identified in UnderlyingDeliveryStreamDeliveryPoint(41781).

Type: **String**

Used in components: **UnderlyingDeliveryStream**

**170.2.5600 UnderlyingDeliveryStreamDeliveryPointSource**

Identifies the class or source of UnderlyingDeliveryStreamDeliveryPoint(41781).

Type: **int**

Allowed values in DeliveryStreamDeliveryPointSourceCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	Proprietary	Proprietary
1	EIC	Energy Identification Code (EIC). Energy Identification Code specifies the location or connection point codes of energy delivery. See <a href="http://www.entsog.eu/eic-codes/eic-location-codes-v">http://www.entsog.eu/eic-codes/eic-location-codes-v</a> or <a href="http://www.eiccodes.eu">http://www.eiccodes.eu</a> for more information and allocated values to use in DeliveryStreamDeliveryPoint(41062).

---

Used in components: **UnderlyingDeliveryStream**

**170.2.5601 UnderlyingDeliveryStreamDeliveryRestriction**

Specifies under what conditions the buyer and seller should be excused of their delivery obligations.

Type: **int**

Allowed values in DeliveryStreamDeliveryRestrictionCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
1	Firm	Firm. Never excused of delivery obligations.
2	NonFirm	Interruptable or non-firm. Excused when interrupted for any reason or for no reason without liability.
3	ForceMajeure	Force majeure. Excused when prevented by force majeure.

---

---

Code	Name	Description
4	SystemFirm	System firm. Must be supplied from the owned or controlled generation of pre-existing purchased power assets of the system specified.
5	UnitFirm	Unit firm. Must be supplied from the generation asset specified.

---

Used in components: [UnderlyingDeliveryStream](#)

### 170.2.5602 UnderlyingDeliveryStreamElectingPartySide

A reference to the party able to choose whether the gas is delivered for a particular period e.g. a swing or interruptible contract.

Type: [int](#)

Allowed values in DeliveryStreamElectingPartySideCodeSet:

---

Code	Name	Description
0	Buyer	Buyer
1	Seller	Seller

---

Used in components: [UnderlyingDeliveryStream](#)

### 170.2.5603 UnderlyingDeliveryStreamEntryPoint

The point at which the commodity will enter the delivery mechanism or pipeline.

Type: [String](#)

Used in components: [UnderlyingDeliveryStream](#)

### 170.2.5604 UnderlyingDeliveryStreamImporterOfRecord

A party, not necessarily of the trade, who is the Importer of Record for the purposes of paying customs duties and applicable taxes or costs related to importation.

Type: [String](#)

Used in components: [UnderlyingDeliveryStream](#)

**170.2.5605 UnderlyingDeliveryStreamNegativeTolerance**

Specifies the negative tolerance value. The value may be an absolute quantity or a percentage, as specified in UnderlyingDeliveryStreamToleranceType(41793). Percentage value is to be expressed relative to "1.0" representing 100% (e.g. a value of "0.0575" represents 5.75%).

Type: **float**

Used in components: **UnderlyingDeliveryStream**

**170.2.5606 UnderlyingDeliveryStreamNotionalConversionFactor**

If the notional quantity is specified in a unit that does not match the unit in which the commodity reference price is quoted, the scaling or conversion factor used to convert the commodity reference price unit into the notional quantity unit should be stated here. If there is no conversion, this field is not intended to be used.

Type: **float**

Used in components: **UnderlyingDeliveryStream**

**170.2.5607 UnderlyingDeliveryStreamPipeline**

The name of the oil delivery pipeline.

Type: **String**

Used in components: **UnderlyingDeliveryStream**

**170.2.5608 UnderlyingDeliveryStreamPositiveTolerance**

Specifies the positive tolerance value. The value may be an absolute quantity or a percentage, as specified in UnderlyingDeliveryStreamToleranceType(41793). Value may exceed agreed upon value. Percentage value is to be expressed relative to "1.0" representing 100% (e.g. a value of "0.0575" represents 5.75%).

Type: **float**

Used in components: **UnderlyingDeliveryStream**

**170.2.5609 UnderlyingDeliveryStreamRiskApportionment**

Specifies how the parties to the trade apportion responsibility for the delivery of the commodity product.

See [http://www.fixtradingcommunity.org/codelists#Risk\\_Apportionment](http://www.fixtradingcommunity.org/codelists#Risk_Apportionment) for the details of the external code list.

Type: **String**

Used in components: **UnderlyingDeliveryStream**

**170.2.5610 UnderlyingDeliveryStreamRiskApportionmentSource**

Specifies the source or legal framework for the risk apportionment.

See [http://www.fixtradingcommunity.org/codelists#Risk\\_Apportionment\\_Source](http://www.fixtradingcommunity.org/codelists#Risk_Apportionment_Source) for the details of the external code list.

Type: **String**

Used in components: **UnderlyingDeliveryStream**

**170.2.5611 UnderlyingDeliveryStreamRouteOrCharter**

Specific delivery route or time charter average. Applicable to commodity freight swaps.

Type: **String**

Used in components: **UnderlyingDeliveryStream**

**170.2.5612 UnderlyingDeliveryStreamTitleTransferCondition**

Specifies the title transfer condition.

Type: **int**

Allowed values in DeliveryStreamTitleTransferConditionCodeSet:

---

Code	Name	Description
0	Transfers	Transfers with risk of loss
1	DoesNotTransfer	Does not transfer with risk of loss

---

Used in components: **UnderlyingDeliveryStream**



**170.2.5613 UnderlyingDeliveryStreamTitleTransferLocation**

Specifies the title transfer location.

Type: **String**

Used in components: **UnderlyingDeliveryStream**

**170.2.5614 UnderlyingDeliveryStreamToleranceOptionSide**

Indicates whether the tolerance is at the seller's or buyer's option.

Type: **int**

Allowed values in DeliveryStreamToleranceOptionSideCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
1	Buyer	Buyer
2	Seller	Seller

---

Used in components: **UnderlyingDeliveryStream**

**170.2.5615 UnderlyingDeliveryStreamToleranceType**

Specifies the tolerance value type.

Type: **int**

Allowed values in DeliveryScheduleToleranceTypeCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	Absolute	Absolute
1	Percentage	Percentage

---

Used in components: **UnderlyingDeliveryStream**

**170.2.5616 UnderlyingDeliveryStreamToleranceUnitOfMeasure**

Specifies the tolerance value's unit of measure (UOM).

Type: **String**

Allowed values in UnitOfMeasureCodeSet:

Code	Name	Description
Alw	Allowances	Allowances
Bcf	BillionCubicFeet	Billion cubic feet
Bbl	Barrels	Barrels. Equal to 42 US gallons
CBM	CubicMeters	Cubic Meters
BDFT	BoardFeet	Board feet. Equal to 144 cubic inches
GJ	Gigajoules	gigajoules
Bu	Bushels	Bushels
kHR	HeatRate	Heat rate. The number of BTUs required to produce one kilowatt hour of electricity, typically 3,412.14 BTUs per 1 kWh.
Ccy	Currency	Amount of currency
kWh	KilowattHours	Kilowatt hours
CDD	CoolingDegreeDay	Cooling degree day
MHR	MegaHeatRate	Mega heat rate. The number of million BTUs required to produce one megawatt hour of electricity, typically 3.41214 million BTUs per 1 MWh.
CER	CertifiedEmissionsReduction	Certified emissions reduction
MMBtu	OneMillionBTU	One Million BTU
CPD	CriticalPrecipDay	Critical precipitation day
MWh	MegawattHours	Megawatt hours
CRT	ClimateReserveTonnes	Climate reserve tonnes
thm	Therms	therms. Equal to 100,000 BTU
cwt	Hundredweight	Hundredweight(US). Equal to 100 lbs
tnCO2	TonsOfCarbonDioxide	Tons of carbon dioxide
day	Day	Days
dt	DryMetricTons	Dry metric tons
EnvAllwnc	EnvAllwncCert	Environmental allowance certificates
EnvCrd	EnvironmentalCredit	Environmental credit
EnvOfst	EnvironmentalOffset	Environmental Offset
g	Grams	Grams

<b>Code</b>	<b>Name</b>	<b>Description</b>
Gal	Gallons	Gallons
GT	GrossTons	Gross tons. Also known as long tons or imperial tons, equal to 2240 lbs
HDD	HeatingDegreeDay	Heating degree day
IPNT	IndexPoint	Index point
kg	Kilograms	Kilograms
kL	Kiloliters	kiloliters
kW-a	KilowattYear	Kilowatt year (electrical capacity)
kW-d	KilowattDay	Kilowatt day (electrical capacity)
kW-h	KilowattHour	Kilowatt hour (electrical capacity)
kW-M	KilowattMonth	Kilowatt month (electrical capacity)
kW-min	KilowattMinute	Kilowatt-Minute (electrical capacity)
L	Liters	liters
lbs	Pounds	pounds
MW-a	MegawattYear	Megawatt year (electrical capacity)
MW-d	MegawattDay	Megawatt day (electrical capacity)
MW-h	MegawattHour	Megawatt hour (electrical capacity)
MW-M	MegawattMonth	Megawatt month (electrical capacity)
MW-min	MegawattMinute	Megawatt minute (electrical capacity)
oz_tr	TroyOunces	Troy ounces
PRINC	PrincipalWithRelationToDebtInstrument	Principal with relation to debt instrument
t	MetricTons	Metric tons. Also known as Tonnes, equal to 1000 kg
tn	Tons	Tons (US). Equal to 2000 lbs
a	Are	Are
ac	Acre	Acre
cL	Centiliter	Centiliter
cM	Centimeter	Centimeter
DGE	DieselGallonEquivalent	Diesel gallon equivalent
ft	Foot	Foot
Gal_gb	GBGallon	GB Gallon
GGE	GasolineGallonEquivalent	Gasonline gallon equivalent
ha	Hectare	Hectare
in	Inch	Inch
kM	Kilometer	Kilometer

<b>Code</b>	<b>Name</b>	<b>Description</b>
M	Meter	Meter
mi	Mile	Mile
mL	Milliliter	Milliliter
mM	Millimeter	Millimeter
oz	USOunce	US ounce
pc	Piece	Piece
pt	USPint	US Pint
pt_gb	GBPint	GB pint
qt	USQuart	US Quart
qt_gb	GBQuart	GB Quart
SqcM	SquareCentimeter	Square centimeter
Sqft	SquareFoot	Square foot
Sqin	SquareInch	Square inch
SqkM	SquareKilometer	Square kilometer
SqM	SquareMeter	Square meter
Sqmi	SquareMile	Square mile
SqmM	SquareMillimeter	Square millimeter
Sqyd	SquareYard	Square yard
yd	Yard	Yard
MMbbl	MillionBarrels	Million Barrels
USD	USDollars	US Dollars

---

Used in components: [UnderlyingDeliveryStream](#)

### **170.2.5617 UnderlyingDeliveryStreamTotalNegativeTolerance**

The negative percent tolerance which applies to the total quantity delivered over all shipment periods.

Percentage value is to be expressed relative to "1.0" representing 100% (e.g. a value of "0.0575" represents 5.75%).

Type: [Percentage](#)

Used in components: [UnderlyingDeliveryStream](#)

**170.2.5618 UnderlyingDeliveryStreamTotalPositiveTolerance**

The positive percent tolerance which applies to the total quantity delivered over all shipment periods.

Percentage value is to be expressed relative to "1.0" representing 100% (e.g. a value of "0.0575" represents 5.75%).

Type: **Percentage**

Used in components: **UnderlyingDeliveryStream**

**170.2.5619 UnderlyingDeliveryStreamTransportEquipment**

The transportation equipment with which the commodity product will be delivered and received.

Type: **String**

Used in components: **UnderlyingDeliveryStream**

**170.2.5620 UnderlyingDeliveryStreamType**

Specifies the type of delivery stream.

Type: **int**

Allowed values in DeliveryStreamTypeCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	Periodic	Periodic (default if not specified)
1	Initial	Initial
2	Single	Single

---

Used in components: **UnderlyingDeliveryStream**

**170.2.5621 UnderlyingDeliveryStreamWithdrawalPoint**

The point at which the commodity product will be withdrawn prior to delivery.

Type: **String**

Used in components: **UnderlyingDeliveryStream**

### **170.2.5622 UnderlyingDepositoryReceiptIndicator**

Indicates whether the underlier is a depository receipt.

Type: **Boolean**

Used in components: **UnderlyingInstrument**

### **170.2.5623 UnderlyingDetachmentPoint**

See DetachmentPoint(1458).

Type: **Percentage**

Used in components: **UnderlyingInstrument**

### **170.2.5624 UnderlyingDirtyPrice**

Price (percent-of-par or per unit) of the underlying security or basket. "Dirty" means it includes accrued interest

Type: **Price**

Used in components: **UnderlyingInstrument**

### **170.2.5625 UnderlyingDividendAccrualFixedRate**

The dividend accrual fixed rate per annum expressed as a decimal.

A value of 5% would be represented as "0.05".

Type: **Percentage**

Used in components: **UnderlyingDividendConditions**

### **170.2.5626 UnderlyingDividendAccrualFloatingRate**

The UnderlyingDividendAccrualFloatingRate component is a subcomponent of UnderlyingDividendConditions used to define the dividend accrual floating rate attributes of dividend payment conditions.

Name	Mult.	Type	Description
UnderlyingDividendFloatingRateIndex	[0..1]	String	
UnderlyingDividendFloatingRateIndex-CurvePeriod	[0..1]	int	Conditionally required when UnderlyingDividendFloatingRateIndexCurveUnit(42803) is specified.
UnderlyingDividendFloatingRateIndex-CurveUnit	[0..1]	CodeSet	Conditionally required when UnderlyingDividendFloatingRateIndexCurvePeriod(42802) is specified.
UnderlyingDividendFloatingRateMultiplier	[0..1]	float	
UnderlyingDividendFloatingRate-Spread	[0..1]	PriceOffset	
UnderlyingDividendFloatingRate-SpreadPositionType	[0..1]	CodeSet	
UnderlyingDividendFloatingRateTreatment	[0..1]	CodeSet	
UnderlyingDividendCapRate	[0..1]	Percentage	
UnderlyingDividendCapRateBuySide	[0..1]	CodeSet	
UnderlyingDividendCapRateSellSide	[0..1]	CodeSet	
UnderlyingDividendFloorRate	[0..1]	Percentage	
UnderlyingDividendFloorRateBuySide	[0..1]	CodeSet	
UnderlyingDividendFloorRateSellSide	[0..1]	CodeSet	
UnderlyingDividendInitialRate	[0..1]	Percentage	
UnderlyingDividendFinalRateRoundingDirection	[0..1]	CodeSet	
UnderlyingDividendFinalRatePrecision	[0..1]	int	
UnderlyingDividendAveragingMethod	[0..1]	CodeSet	
UnderlyingDividendNegativeRate-Treatment	[0..1]	CodeSet	

Used in components: [UnderlyingDividendConditions](#)

### 170.2.5627 UnderlyingDividendAccrualPaymentDateAdjusted

The adjusted accrual payment date.

Type: [LocalMktDate](#)

Used in components: [UnderlyingDividendAccrualPaymentDate](#)

**170.2.5628 UnderlyingDividendAccrualPaymentDateBusinessCenter**

The business center calendar used for date adjustment of the instrument's dividend accrual payment date, e.g. "GBLO".

See <http://www.fpml.org/coding-scheme/business-center> for standard 4-character code values.

Type: **String**

Used in groups: **UnderlyingDividendAccrualPaymentDateBusinessCenterGrp**

**170.2.5629 UnderlyingDividendAccrualPaymentDateBusinessCenterGrp**

UnderlyingDividendAccrualPaymentDateBusinessCenterGrp is a repeating subcomponent within the UnderlyingDividendAccrualPaymentDate component. It is used to specify the set of business centers whose calendars drive the date adjustment.

Name	Mult.	Type	Description
<b>NoUnderlyingDividendAccrualPaymentDateBusinessCenters</b>	[1..1]	NumInGroup	
<b>UnderlyingDividendAccrualPaymentDateBusinessCenter</b>	[0..1]	String	Required if NoUnderlyingDividendAccrualPaymentDateBusinessCenters(42799) > 0.

Used in components: **UnderlyingDividendAccrualPaymentDate**

**170.2.5630 UnderlyingDividendAccrualPaymentDateBusinessDayConvention**

Accrual payment date adjustment business day convention.

Type: **int**

Allowed values in BusinessDayConventionCodeSet:

Code	Name	Description
0	NotApplicable	Not applicable. Business day convention is not applicable.
1	None	None (current day)
2	FollowingDay	Following day. The following business day.
3	FloatingRateNote	Floating rate note. The FRN business day convention.
4	ModifiedFollowingDay	Modified following day. The modified following business day.



Code	Name	Description
5	PrecedingDay	Preceding day. The preceding business day.
6	ModifiedPrecedingDay	Modified preceding day. The modified preceding business day.
7	NearestDay	Nearest day. The nearest applicable business day.

Used in components: [UnderlyingDividendAccrualPaymentDate](#)

### 170.2.5631 UnderlyingDividendAccrualPaymentDate

The UnderlyingDividendAccrualPaymentDate component is a subcomponent of UnderlyingDividendConditions used to report the dividend accrual payment date.

Name	Mult.	Type	Description
<a href="#">UnderlyingDividendAccrualPaymentDateRelativeTo</a>	[0..1]	int	
<a href="#">UnderlyingDividendAccrualPaymentDateOffsetPeriod</a>	[0..1]	int	Conditionally required when UnderlyingDividendAccrualPaymentDateOffsetUnit(42821) is specified.
<a href="#">UnderlyingDividendAccrualPaymentDateOffsetUnit</a>	[0..1]	CodeSet	Conditionally required when UnderlyingDividendAccrualPaymentDateOffsetPeriod(42820) is specified.
<a href="#">UnderlyingDividendAccrualPaymentDateOffsetDayType</a>	[0..1]	CodeSet	
<a href="#">UnderlyingDividendAccrualPaymentDateUnadjusted</a>	[0..1]	LocalMktDate	
<a href="#">UnderlyingDividendAccrualPaymentDateBusinessDayConvention</a>	[0..1]	CodeSet	When specified, this overrides the business day convention defined in the UnderlyingDateAdjustment component in UnderlyingInstrument. The value would be specific to this instance of UnderlyingDividendAccrualPaymentDate.
<a href="#">UnderlyingDividendAccrualPaymentDateBusinessCenterGrp</a>	[0..*]	Group	When specified, this overrides the business centers defined in the UnderlyingDateAdjustment component in UnderlyingInstrument. The values would be specific to this instance of UnderlyingDividendAccrualPaymentDate.
<a href="#">UnderlyingDividendAccrualPaymentDateAdjusted</a>	[0..1]	LocalMktDate	

Used in components: [UnderlyingDividendConditions](#)

### **170.2.5632 UnderlyingDividendAccrualPaymentDateOffsetDayType**

Specifies the day type of the relative accrual payment date offset.

Type: [int](#)

Allowed values in PaymentStreamPaymentDateOffsetDayTypeCodeSet:

Code	Name	Description
0	Business	Business
1	Calendar	Calendar
2	CommodityBusiness	Commodity business
3	CurrencyBusiness	Currency business
4	ExchangeBusiness	Exchange business
5	ScheduledTradingDay	Scheduled trading day

Used in components: [UnderlyingDividendAccrualPaymentDate](#)

### **170.2.5633 UnderlyingDividendAccrualPaymentDateOffsetPeriod**

Time unit multiplier for the relative accrual payment date offset.

Type: [int](#)

Used in components: [UnderlyingDividendAccrualPaymentDate](#)

### **170.2.5634 UnderlyingDividendAccrualPaymentDateOffsetUnit**

Time unit associated with the relative accrual payment date offset.

Type: [String](#)

Allowed values in PaymentStreamPaymentDateOffsetUnitCodeSet:

Code	Name	Description
D	Day	Day
Wk	Week	Week

---

Code	Name	Description
Mo	Month	Month
Yr	Year	Year

---

Used in components: [UnderlyingDividendAccrualPaymentDate](#)

### **170.2.5635 UnderlyingDividendAccrualPaymentDateRelativeTo**

Specifies the anchor date when the accrual payment date is relative to an anchor date.

See [http://www.fixtradingcommunity.org/codelists#Relative\\_To\\_Date](http://www.fixtradingcommunity.org/codelists#Relative_To_Date) for values.

Type: [int](#)

Used in components: [UnderlyingDividendAccrualPaymentDate](#)

### **170.2.5636 UnderlyingDividendAccrualPaymentDateUnadjusted**

The unadjusted accrual payment date.

Type: [LocalMktDate](#)

Used in components: [UnderlyingDividendAccrualPaymentDate](#)

### **170.2.5637 UnderlyingDividendAccruedInterest**

Accrued interest on the dividend or coupon payment.

Type: [Amt](#)

Used in groups: [UnderlyingDividendPaymentGrp](#)

### **170.2.5638 UnderlyingDividendAmountType**

Indicates how the gross cash dividend amount per share is determined.

Type: [int](#)

Allowed values in DividendAmountTypeCodeSet:

Code	Name	Description
0	RecordAmount	Record amount. 100% of the gross cash dividend per share paid over record date during relevant dividend period.
1	ExAmount	Ex amount. 100% of gross cash dividend per share paid after the ex-dividend date during relevant dividend period.
2	PaidAmount	Paid amount. 100% of gross cash dividend per share paid during relevant dividend period.
3	PerMasterConfirm	As specified in master confirmation. The amount is determined as provided in the relevant master confirmation.

Used in components: [UnderlyingDividendConditions](#)

### 170.2.5639 UnderlyingDividendAveragingMethod

When averaging is applicable, used to specify whether a weighted or unweighted average method of calculation is to be used.

Type: [int](#)

Allowed values in PaymentStreamAveragingMethodCodeSet:

Code	Name	Description
0	Unweighted	Unweighted
1	Weighted	Weighted

Used in components: [UnderlyingDividendAccrualFloatingRate](#)

### 170.2.5640 UnderlyingDividendCapRate

The cap rate, if any, which applies to the floating rate. It is only required where the floating rate is capped at a certain level. The cap rate is assumed to be exclusive of any spread and is a per annum rate, expressed as a decimal. A cap rate of 5% would be represented as "0.05".

Type: [Percentage](#)

Used in components: [UnderlyingDividendAccrualFloatingRate](#)

**170.2.5641 UnderlyingDividendCapRateBuySide**

Reference to the buyer of the cap rate option through its trade side.

Type: **int**

Allowed values in PaymentStreamCapRateBuySideCodeSet:

---

Code	Name	Description
1	Buyer	Buyer of the trade
2	Seller	Seller of the trade

---

Used in components: **UnderlyingDividendAccrualFloatingRate**

**170.2.5642 UnderlyingDividendCapRateSellSide**

Reference to the seller of the cap rate option through its trade side.

Type: **int**

Allowed values in PaymentStreamCapRateBuySideCodeSet:

---

Code	Name	Description
1	Buyer	Buyer of the trade
2	Seller	Seller of the trade

---

Used in components: **UnderlyingDividendAccrualFloatingRate**

**170.2.5643 UnderlyingDividendCashEquivalentPercentage**

Declared cash-equivalent dividend percentage. A value of 5% would be represented as "0.05".

Type: **Percentage**

Used in components: **UnderlyingDividendConditions**

**170.2.5644 UnderlyingDividendCashPercentage**

Declared cash dividend percentage.

A value of 5% would be represented as "0.05".

Type: **Percentage**

Used in components: **UnderlyingDividendConditions**

**170.2.5645 UnderlyingDividendComposition**

Defines how the composition of dividends is to be determined.

Type: **int**

Allowed values in DividendCompositionCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	EquityAmountReceiver	Equity amount receiver election. The equity amount receiver determines the composition of dividends (subject to conditions).
1	CalculationAgent	Calculation agent election. The calculation agent determines the composition of dividends (subject to conditions).

---

Used in components: **UnderlyingDividendConditions**

**170.2.5646 UnderlyingDividendCompoundingMethod**

The compounding method to be used when more than one dividend period contributes to a single payment.

Type: **int**

Allowed values in PaymentStreamCompoundingMethodCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	None	None
1	Flat	Flat
2	Straight	Straight
3	SpreadExclusive	Spread exclusive

---

Used in components: [UnderlyingDividendConditions](#)

### 170.2.5647 UnderlyingDividendConditions

The UnderlyingDividendConditions component is a subcomponent of UnderlyingPaymentStream used to specify the conditions' valuations and dates governing the payment of dividends.

Name	Mult.	Type	Description
<a href="#">UnderlyingDividendReinvestmentIndicator</a>	[0..1]	Boolean	
<a href="#">UnderlyingDividendEntitlementEvent</a>	[0..1]	CodeSet	
<a href="#">UnderlyingDividendAmountType</a>	[0..1]	CodeSet	
<a href="#">UnderlyingDividendUnderlierRefID</a>	[0..1]	String	
<a href="#">UnderlyingDividendPeriodGrp</a>	[0..*]	Group	
<a href="#">UnderlyingExtraordinaryDividendPartySide</a>	[0..1]	CodeSet	
<a href="#">UnderlyingExtraordinaryDividendAmountType</a>	[0..1]	CodeSet	
<a href="#">UnderlyingExtraordinaryDividendCurrency</a>	[0..1]	Currency	
<a href="#">UnderlyingExtraordinaryDividendDeterminationMethod</a>	[0..1]	String	
<a href="#">UnderlyingDividendFXTriggerDate</a>	[0..1]	Component	
<a href="#">UnderlyingDividendAccrualFloatingRate</a>	[0..1]	Component	
<a href="#">UnderlyingDividendAccrualFixedRate</a>	[0..1]	Percentage	
<a href="#">UnderlyingDividendAccrualPaymentDate</a>	[0..1]	Component	
<a href="#">UnderlyingDividendCompoundingMethod</a>	[0..1]	CodeSet	
<a href="#">UnderlyingDividendNumOfIndexUnits</a>	[0..1]	int	
<a href="#">UnderlyingDividendCashPercentage</a>	[0..1]	Percentage	
<a href="#">UnderlyingDividendCashEquivalentPercentage</a>	[0..1]	Percentage	
<a href="#">UnderlyingNonCashDividendTreatment</a>	[0..1]	CodeSet	
<a href="#">UnderlyingDividendComposition</a>	[0..1]	CodeSet	
<a href="#">UnderlyingSpecialDividendsIndicator</a>	[0..1]	Boolean	

Name	Mult.	Type	Description
<a href="#">UnderlyingMaterialDividendsIndicator</a>	[0..1]	Boolean	
<a href="#">UnderlyingOptionsExchangeDividendsIndicator</a>	[0..1]	Boolean	
<a href="#">UnderlyingAdditionalDividendsIndicator</a>	[0..1]	Boolean	
<a href="#">UnderlyingAllDividendsIndicator</a>	[0..1]	Boolean	

Used in components: [UnderlyingPaymentStreamFloatingRate](#)

### 170.2.5648 UnderlyingDividendEntitlementEvent

Defines the contract event which the receiver of the derivative is entitled to the dividend.

Type: [int](#)

Allowed values in DividendEntitlementEventCodeSet:

Code	Name	Description
0	ExDate	Ex-date. Dividend entitlement is on the dividend ex-date.
1	RecordDate	Record date. Dividend entitlement is on the dividend record date.

Used in components: [UnderlyingDividendConditions](#)

### 170.2.5649 UnderlyingDividendFinalRatePrecision

Specifies the rounding precision of the final rate in terms of a number of decimal places. Note how a percentage rate rounding of 5 decimal places is expressed as a rounding precision of 7.

Type: [int](#)

Used in components: [UnderlyingDividendAccrualFloatingRate](#)

### 170.2.5650 UnderlyingDividendFinalRateRoundingDirection

Specifies the rounding direction of the final rate.

Type: [char](#)



Allowed values in RoundingDirectionCodeSet:

Code	Name	Description
0	RoundToNearest	Round to nearest
1	RoundDown	Round down
2	RoundUp	Round up

Used in components: [UnderlyingDividendAccrualFloatingRate](#)

### **170.2.5651 UnderlyingDividendFloatingRateIndex**

The dividend accrual floating rate index.

Type: [String](#)

Used in components: [UnderlyingDividendAccrualFloatingRate](#)

### **170.2.5652 UnderlyingDividendFloatingRateIndexCurvePeriod**

Time unit multiplier for the dividend accrual floating rate index curve.

Type: [int](#)

Used in components: [UnderlyingDividendAccrualFloatingRate](#)

### **170.2.5653 UnderlyingDividendFloatingRateIndexCurveUnit**

Time unit associated with the dividend accrual floating rate index curve period.

Type: [String](#)

Allowed values in PaymentStreamRateIndexCurveUnitCodeSet:

Code	Name	Description
D	Day	Day
Wk	Week	Week
Mo	Month	Month
Yr	Year	Year

Used in components: [UnderlyingDividendAccrualFloatingRate](#)

**170.2.5654 UnderlyingDividendFloatingRateMultiplier**

A rate multiplier to apply to the floating rate. The multiplier can be less than or greater than 1 (one). This should only be included if the multiplier is not equal to 1 (one) for the term of the contract.

Type: **float**

Used in components: **UnderlyingDividendAccrualFloatingRate**

**170.2.5655 UnderlyingDividendFloatingRateSpread**

The basis points spread from the index specified in UnderlyingDividendFloatingRateIndex(42801).

Type: **PriceOffset**

Used in components: **UnderlyingDividendAccrualFloatingRate**

**170.2.5656 UnderlyingDividendFloatingRateSpreadPositionType**

Identifies whether the rate spread is applied to a long or short position.

Type: **int**

Allowed values in PaymentStreamRateSpreadPositionTypeCodeSet:

Code	Name	Description
0	Short	Short
1	Long	Long

Used in components: **UnderlyingDividendAccrualFloatingRate**

**170.2.5657 UnderlyingDividendFloatingRateTreatment**

Specifies the yield calculation treatment for the index.

Type: **int**

Allowed values in PaymentStreamRateTreatmentCodeSet:

Code	Name	Description
0	BondEquivalentYield	Bond equivalent yield
1	MoneyMarketYield	Money market yield

Used in components: [UnderlyingDividendAccrualFloatingRate](#)

### 170.2.5658 UnderlyingDividendFloorRate

The floor rate, if any, which applies to the floating rate. The floor rate (strike) is only required where the floating rate is floored at a certain strike level. The floor rate is assumed to be exclusive of any spread and is a per annum rate. The rate is expressed as a decimal, e.g. 5% is represented as "0.05".

Type: [Percentage](#)

Used in components: [UnderlyingDividendAccrualFloatingRate](#)

### 170.2.5659 UnderlyingDividendFloorRateBuySide

Reference to the buyer of the floor rate option through its trade side.

Type: [int](#)

Allowed values in PaymentStreamFloorRateBuySideCodeSet:

Code	Name	Description
1	Buyer	Buyer of the trade
2	Seller	Seller of the trade

Used in components: [UnderlyingDividendAccrualFloatingRate](#)

### 170.2.5660 UnderlyingDividendFloorRateSellSide

Reference to the seller of the floor rate option through its trade side.

Type: [int](#)

Allowed values in PaymentStreamFloorRateBuySideCodeSet:

Code	Name	Description
1	Buyer	Buyer of the trade
2	Seller	Seller of the trade

Used in components: [UnderlyingDividendAccrualFloatingRate](#)

### 170.2.5661 UnderlyingDividendFXTriggerDateAdjusted

The adjusted FX trigger date.

Type: [LocalMktDate](#)

Used in components: [UnderlyingDividendFXTriggerDate](#)

### 170.2.5662 UnderlyingDividendFXTriggerDateBusinessCenter

The business center calendar used for date adjustment of the instrument's FX trigger date, e.g. "GBLO".

See <http://www.fpml.org/coding-scheme/business-center> for standard 4-character code values.

Type: [String](#)

Used in groups: [UnderlyingDividendFXTriggerDateBusinessCenterGrp](#)

### 170.2.5663 UnderlyingDividendFXTriggerDateBusinessCenterGrp

[UnderlyingDividendFXTriggerDateBusinessCenterGrp](#) is a repeating subcomponent within the [UnderlyingDividendFXTriggerDate](#) component. It is used to specify the set of business centers whose calendars drive the date adjustment.

Name	Mult.	Type	Description
<a href="#">NoUnderlyingDividendFXTriggerDate-BusinessCenters</a>	[1..1]	NumInGroup	
<a href="#">UnderlyingDividendFXTriggerDate-BusinessCenter</a>	[0..1]	String	Required if <a href="#">NoUnderlyingDividendFXTriggerDate-BusinessCenters(42853)</a> > 0.

Used in components: [UnderlyingDividendFXTriggerDate](#)

### 170.2.5664 UnderlyingDividendFXTriggerDateBusinessDayConvention

The business day convention used for the FX trigger date adjustment.

Type: **int**

Allowed values in BusinessDayConventionCodeSet:

Code	Name	Description
0	NotApplicable	Not applicable. Business day convention is not applicable.
1	None	None (current day)
2	FollowingDay	Following day. The following business day.
3	FloatingRateNote	Floating rate note. The FRN business day convention.
4	ModifiedFollowingDay	Modified following day. The modified following business day.
5	PrecedingDay	Preceding day. The preceding business day.
6	ModifiedPrecedingDay	Modified preceding day. The modified preceding business day.
7	NearestDay	Nearest day. The nearest applicable business day.

Used in components: **UnderlyingDividendFXTriggerDate**

### 170.2.5665 UnderlyingDividendFXTriggerDate

The UnderlyingDividendFXTriggerDate component is a subcomponent of UnderlyingDividendConditions used to report the dividend date when a foreign exchange trade is triggered.

Name	Mult.	Type	Description
<b>UnderlyingDividendFXTriggerDateRelativeTo</b>	[0..1]	int	
<b>UnderlyingDividendFXTriggerDateOffsetPeriod</b>	[0..1]	int	Conditionally required when UnderlyingDividendFXTriggerDateOffsetUnit(42848) is specified.
<b>UnderlyingDividendFXTriggerDateOffsetUnit</b>	[0..1]	CodeSet	Conditionally required when UnderlyingDividendFXTriggerDateOffsetPeriod(42847) is specified.
<b>UnderlyingDividendFXTriggerDateOffsetDayType</b>	[0..1]	CodeSet	
<b>UnderlyingDividendFXTriggerDateUnadjusted</b>	[0..1]	LocalMktDate	

Name	Mult.	Type	Description
<a href="#">UnderlyingDividendFXTriggerDate-BusinessDayConvention</a>	[0..1]	CodeSet	When specified, this overrides the business day convention defined in the UnderlyingDateAdjustment component in UnderlyingInstrument. The value would be specific to this instance of UnderlyingDividendFXTriggerDate.
<a href="#">UnderlyingDividendFXTriggerDate-BusinessCenterGrp</a>	[0..*]	Group	When specified, this overrides the business centers defined in the UnderlyingDateAdjustment component in UnderlyingInstrument. The values would be specific to this instance of UnderlyingDividendFXTriggerDate.
<a href="#">UnderlyingDividendFXTriggerDateAdjusted</a>	[0..1]	LocalMktDate	

Used in components: [UnderlyingDividendConditions](#)

### 170.2.5666 UnderlyingDividendFXTriggerDateOffsetDayType

Specifies the day type of the relative FX trigger date offset.

Type: [int](#)

Allowed values in PaymentStreamPaymentDateOffsetDayTypeCodeSet:

Code	Name	Description
0	Business	Business
1	Calendar	Calendar
2	CommodityBusiness	Commodity business
3	CurrencyBusiness	Currency business
4	ExchangeBusiness	Exchange business
5	ScheduledTradingDay	Scheduled trading day

Used in components: [UnderlyingDividendFXTriggerDate](#)

### 170.2.5667 UnderlyingDividendFXTriggerDateOffsetPeriod

Time unit multiplier for the relative FX trigger date offset.

Type: **int**

Used in components: **UnderlyingDividendFXTriggerDate**

### **170.2.5668 UnderlyingDividendFXTriggerDateOffsetUnit**

Time unit associated with the relative FX trigger date offset.

Type: **String**

Allowed values in PaymentStreamPaymentDateOffsetUnitCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
D	Day	Day
Wk	Week	Week
Mo	Month	Month
Yr	Year	Year

---

Used in components: **UnderlyingDividendFXTriggerDate**

### **170.2.5669 UnderlyingDividendFXTriggerDateRelativeTo**

Specifies the anchor date when the FX trigger date is relative to an anchor date.

See [http://www.fixtradingcommunity.org/codelists#Relative\\_To\\_Date](http://www.fixtradingcommunity.org/codelists#Relative_To_Date) for values.

Type: **int**

Used in components: **UnderlyingDividendFXTriggerDate**

### **170.2.5670 UnderlyingDividendFXTriggerDateUnadjusted**

The unadjusted FX trigger date.

Type: **LocalMktDate**

Used in components: **UnderlyingDividendFXTriggerDate**

**170.2.5671 UnderlyingDividendInitialRate**

The initial floating rate reset agreed between the principal parties involved in the trade. This is assumed to be the first required reset rate for the first regular calculation period. It should only be included when the rate is not equal to the rate published on the source implied by the floating rate index. The initial rate is expressed in decimal form, e.g. 5% is represented as "0.05".

Type: **Percentage**

Used in components: **UnderlyingDividendAccrualFloatingRate**

**170.2.5672 UnderlyingDividendNegativeRateTreatment**

The specification of any provisions for calculating payment obligations when a floating rate is negative (either due to a quoted negative floating rate or by operation of a spread that is subtracted from the floating rate).

Type: **int**

Allowed values in PaymentStreamNegativeRateTreatmentCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	ZeroInterestRateMethod	Zero interest rate method
1	NegativeInterestRateMethod	Negative interest rate method

---

Used in components: **UnderlyingDividendAccrualFloatingRate**

**170.2.5673 UnderlyingDividendNumOfIndexUnits**

The number of index units applicable to dividends.

Type: **int**

Used in components: **UnderlyingDividendConditions**

**170.2.5674 UnderlyingDividendPaymentAmount**

The amount of the dividend or coupon payment.

Type: **Amt**

Used in groups: **UnderlyingDividendPaymentGrp**



**170.2.5675 UnderlyingDividendPaymentCurrency**

Specifies the currency the UnderlyingDividendPaymentAmount(42857) is denominated in. Uses ISO 4217 currency codes.

Type: [Currency](#)

Used in groups: [UnderlyingDividendPaymentGrp](#)

**170.2.5676 UnderlyingDividendPaymentDate**

Specifies the date that the dividend or coupon payment is due.

Type: [LocalMktDate](#)

Used in groups: [UnderlyingDividendPaymentGrp](#)

**170.2.5677 UnderlyingDividendPaymentGrp**

UnderlyingDividendPaymentGrp is a repeating subcomponent of UnderlyingDividendPayout used to specify the anticipated dividend or coupon payment dates and amounts of an equity or bond underlier.

---

Name	Mult.	Type	Description
<a href="#">NoUnderlyingDividendPayments</a>	[1..1]	NumInGroup	
<a href="#">UnderlyingDividendPaymentDate</a>	[0..1]	LocalMktDate	Required if NoUnderlyingDividendPayments (42855) > 0.
<a href="#">UnderlyingDividendPaymentAmount</a>	[0..1]	Amt	Required if NoUnderlyingDividendPayments (42855) > 0.
<a href="#">UnderlyingDividendPaymentCurrency</a>	[0..1]	Currency	
<a href="#">UnderlyingDividendAccruedInterest</a>	[0..1]	Amt	

---

Used in components: [UnderlyingDividendPayout](#)

**170.2.5678 UnderlyingDividendPayout**

UnderlyingDividendPayout is a subcomponent of UnderlyingInstrument used to specify the dividend or coupon payout parameters of an equity or bond underlier.

---

Name	Mult.	Type	Description
<a href="#">UnderlyingDividendPayoutRatio</a>	[0..1]	float	
<a href="#">UnderlyingDividendPayoutConditions</a>	[0..1]	String	
<a href="#">UnderlyingDividendPaymentGrp</a>	[0..*]	Group	

---

Used in components: [UnderlyingInstrument](#)

### **170.2.5679 UnderlyingDividendPayoutConditions**

Specifies the dividend payout conditions that will be applied in the case where the actual ratio is not known, typically because of regulatory or legal uncertainties.

Type: [String](#)

Used in components: [UnderlyingDividendPayout](#)

### **170.2.5680 UnderlyingDividendPayoutRatio**

Specifies the actual dividend payout ratio associated with the equity or bond underlier.

Type: [float](#)

Used in components: [UnderlyingDividendPayout](#)

### **170.2.5681 UnderlyingDividendPeriodBusinessCenter**

The business center calendar used for date adjustment of the instrument's dividend period date, e.g. "GBLO".

See <http://www.fpml.org/coding-scheme/business-center> for standard 4-character code values.

Type: [String](#)

Used in groups: [UnderlyingDividendPeriodBusinessCenterGrp](#)

### **170.2.5682 UnderlyingDividendPeriodBusinessCenterGrp**

[UnderlyingDividendPeriodBusinessCenterGrp](#) is a repeating subcomponent within the [UnderlyingDividendPeriodGrp](#) component. It is used to specify the set of business centers whose calendars drive the date adjustment.

Name	Mult.	Type	Description
NoUnderlyingDividendPeriodBusinessCenters	[1..1]	NumInGroup	
UnderlyingDividendPeriodBusinessCenter	[0..1]	String	Required if NoUnderlyingDividendPeriodBusinessCenters(42882) > 0.

Used in groups: [UnderlyingDividendPeriodGrp](#)

### 170.2.5683 UnderlyingDividendPeriodBusinessDayConvention

The dividend period dates business day convention.

Type: [int](#)

Allowed values in BusinessDayConventionCodeSet:

Code	Name	Description
0	NotApplicable	Not applicable. Business day convention is not applicable.
1	None	None (current day)
2	FollowingDay	Following day. The following business day.
3	FloatingRateNote	Floating rate note. The FRN business day convention.
4	ModifiedFollowingDay	Modified following day. The modified following business day.
5	PrecedingDay	Preceding day. The preceding business day.
6	ModifiedPrecedingDay	Modified preceding day. The modified preceding business day.
7	NearestDay	Nearest day. The nearest applicable business day.

Used in groups: [UnderlyingDividendPeriodGrp](#)

### 170.2.5684 UnderlyingDividendPeriodEndDateUnadjusted

The unadjusted date on which the dividend period will end.

Type: [LocalMktDate](#)

Used in groups: [UnderlyingDividendPeriodGrp](#)

## 170.2.5685 UnderlyingDividendPeriodGrp

UnderlyingDividendPeriodGrp is a repeating subcomponent within the UnderlyingDividendConditions component. It is used to specify the valuation and payments dates of the dividend leg of a dividend swap.

Name	Mult.	Type	Description
NoUnderlyingDividendPeriods	[1..1]	NumInGroup	
UnderlyingDividendPeriodSequence	[0..1]	int	Required if NoUnderlyingDividendPeriods(42862) > 0.
UnderlyingDividendPeriodStartDateUnadjusted	[0..1]	LocalMktDate	
UnderlyingDividendPeriodEndDateUnadjusted	[0..1]	LocalMktDate	
UnderlyingDividendPeriodUnderlierRefID	[0..1]	String	When specified, this overrides UnderlyingDividendUnderlierRefID(42829). The specified value would be specific to this dividend period instance.
UnderlyingDividendPeriodStrikePrice	[0..1]	Price	
UnderlyingDividendPeriodBusinessDayConvention	[0..1]	CodeSet	When specified, this overrides the business day convention defined in the UnderlyingDateAdjustment component in UnderlyingInstrument. The specified value would be specific to this dividend period instance.
UnderlyingDividendPeriodBusinessCenterGrp	[0..*]	Group	When specified, this overrides the business centers defined in the UnderlyingDateAdjustment component in UnderlyingInstrument. The specified values would be specific to this dividend period instance.
UnderlyingDividendPeriodValuationDateUnadjusted	[0..1]	LocalMktDate	
UnderlyingDividendPeriodValuationDateRelativeTo	[0..1]	int	
UnderlyingDividendPeriodValuationDateOffsetPeriod	[0..1]	int	Conditionally required when UnderlyingDividendPeriodValuationDateOffsetUnit(42872) is specified.
UnderlyingDividendPeriodValuationDateOffsetUnit	[0..1]	CodeSet	Conditionally required when UnderlyingDividendPeriodValuationDateOffsetPeriod(42871) is specified.
UnderlyingDividendPeriodValuationDateOffsetDayType	[0..1]	CodeSet	

Name	Mult.	Type	Description
UnderlyingDividendPeriodValuation-DateAdjusted	[0..1]	LocalMktDate	
UnderlyingDividendPeriodPaymentDateUnadjusted	[0..1]	LocalMktDate	
UnderlyingDividendPeriodPaymentDateRelativeTo	[0..1]	int	
UnderlyingDividendPeriodPaymentDateOffsetPeriod	[0..1]	int	Conditionally required when UnderlyingDividend-PeriodPaymentDateOffsetUnit(42878) is specified.
UnderlyingDividendPeriodPaymentDateOffsetUnit	[0..1]	CodeSet	Conditionally required when UnderlyingDividend-PeriodPaymentDateOffsetPeriod(42877) is specified.
UnderlyingDividendPeriodPaymentDateOffsetDayType	[0..1]	CodeSet	
UnderlyingDividendPeriodPaymentDateAdjusted	[0..1]	LocalMktDate	
UnderlyingDividendPeriodXID	[0..1]	XID	

Used in components: [UnderlyingDividendConditions](#)

### 170.2.5686 UnderlyingDividendPeriodPaymentDateAdjusted

The adjusted dividend period payment date.

Type: [LocalMktDate](#)

Used in groups: [UnderlyingDividendPeriodGrp](#)

### 170.2.5687 UnderlyingDividendPeriodPaymentDateOffsetDayType

Specifies the day type of the relative dividend period payment date offset.

Type: [int](#)

Allowed values in PaymentStreamPaymentDateOffsetDayTypeCodeSet:

Code	Name	Description
0	Business	Business
1	Calendar	Calendar

---

Code	Name	Description
2	CommodityBusiness	Commodity business
3	CurrencyBusiness	Currency business
4	ExchangeBusiness	Exchange business
5	ScheduledTradingDay	Scheduled trading day

---

Used in groups: [UnderlyingDividendPeriodGrp](#)

### **170.2.5688 UnderlyingDividendPeriodPaymentDateOffsetPeriod**

Time unit multiplier for the relative dividend period payment date offset.

Type: [int](#)

Used in groups: [UnderlyingDividendPeriodGrp](#)

### **170.2.5689 UnderlyingDividendPeriodPaymentDateOffsetUnit**

Time unit associated with the relative dividend period payment date offset.

Type: [String](#)

Allowed values in PaymentStreamPaymentDateOffsetUnitCodeSet:

---

Code	Name	Description
D	Day	Day
Wk	Week	Week
Mo	Month	Month
Yr	Year	Year

---

Used in groups: [UnderlyingDividendPeriodGrp](#)

### **170.2.5690 UnderlyingDividendPeriodPaymentDateRelativeTo**

Specifies the anchor date when the dividend period payment date is relative to an anchor date.

See [http://www.fixtradingcommunity.org/codelists#Relative\\_To\\_Date](http://www.fixtradingcommunity.org/codelists#Relative_To_Date) for values.

Type: [int](#)

Used in groups: [UnderlyingDividendPeriodGrp](#)

### **170.2.5691 UnderlyingDividendPeriodPaymentDateUnadjusted**

The unadjusted dividend period payment date.

Type: [LocalMktDate](#)

Used in groups: [UnderlyingDividendPeriodGrp](#)

### **170.2.5692 UnderlyingDividendPeriodSequence**

Defines the ordinal dividend period. E.g. 1 = First period, 2 = Second period, etc.

Type: [int](#)

Used in groups: [UnderlyingDividendPeriodGrp](#)

### **170.2.5693 UnderlyingDividendPeriodStartDateUnadjusted**

The unadjusted date on which the dividend period will begin.

Type: [LocalMktDate](#)

Used in groups: [UnderlyingDividendPeriodGrp](#)

### **170.2.5694 UnderlyingDividendPeriodStrikePrice**

Specifies the fixed strike price of the dividend period.

Type: [Price](#)

Used in groups: [UnderlyingDividendPeriodGrp](#)

### **170.2.5695 UnderlyingDividendPeriodUnderlierRefID**

References the dividend underlier through the instrument's UnderlyingSecurityID(309) which must be fully specified in an instance of the UnderlyingInstrument component.

Type: [String](#)

Used in groups: [UnderlyingDividendPeriodGrp](#)

**170.2.5696 UnderlyingDividendPeriodValuationDateAdjusted**

The adjusted dividend period valuation date.

Type: **LocalMktDate**

Used in groups: **UnderlyingDividendPeriodGrp**

**170.2.5697 UnderlyingDividendPeriodValuationDateOffsetDayType**

Specifies the day type of the relative dividend period valuation date offset.

Type: **int**

Allowed values in PaymentStreamPaymentDateOffsetDayTypeCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	Business	Business
1	Calendar	Calendar
2	CommodityBusiness	Commodity business
3	CurrencyBusiness	Currency business
4	ExchangeBusiness	Exchange business
5	ScheduledTradingDay	Scheduled trading day

---

Used in groups: **UnderlyingDividendPeriodGrp**

**170.2.5698 UnderlyingDividendPeriodValuationDateOffsetPeriod**

Time unit multiplier for the relative dividend period valuation date offset.

Type: **int**

Used in groups: **UnderlyingDividendPeriodGrp**

**170.2.5699 UnderlyingDividendPeriodValuationDateOffsetUnit**

Time unit associated with the relative dividend period valuation date offset.

Type: **String**

Allowed values in PaymentStreamPaymentDateOffsetUnitCodeSet:



---

Code	Name	Description
D	Day	Day
Wk	Week	Week
Mo	Month	Month
Yr	Year	Year

---

Used in groups: [UnderlyingDividendPeriodGrp](#)

#### **170.2.5700 UnderlyingDividendPeriodValuationDateRelativeTo**

Specifies the anchor date when the dividend period valuation date is relative to an anchor date.

See [http://www.fixtradingcommunity.org/codelists#Relative\\_To\\_Date](http://www.fixtradingcommunity.org/codelists#Relative_To_Date) for values.

Type: [int](#)

Used in groups: [UnderlyingDividendPeriodGrp](#)

#### **170.2.5701 UnderlyingDividendPeriodValuationDateUnadjusted**

The unadjusted dividend period valuation date.

Type: [LocalMktDate](#)

Used in groups: [UnderlyingDividendPeriodGrp](#)

#### **170.2.5702 UnderlyingDividendPeriodXID**

Identifier for linking this stream dividend period to an underlier through an instance of RelatedInstrumentGrp.

Type: [XID](#)

Used in groups: [UnderlyingDividendPeriodGrp](#)

#### **170.2.5703 UnderlyingDividendReinvestmentIndicator**

Indicates whether the dividend will be reinvested.

Type: [Boolean](#)

Used in components: [UnderlyingDividendConditions](#)

#### **170.2.5704 UnderlyingDividendUnderlierRefID**

References the dividend underlier through the instrument's UnderlyingSecurityID(309) which must be fully specified in a separate instance of the UnderlyingInstrument component.

Type: **String**

Used in components: **UnderlyingDividendConditions**

#### **170.2.5705 UnderlyingEndPrice**

Price (percent-of-par or per unit) of the underlying security or basket at the end of the agreement.

Type: **Price**

Used in components: **UnderlyingInstrument**

#### **170.2.5706 UnderlyingEndValue**

Currency value attributed to this collateral at the end of the agreement

Type: **Amt**

Used in components: **UnderlyingInstrument**

#### **170.2.5707 UnderlyingEquityID**

Specifies the equity in which a convertible bond can be converted.

Type: **String**

Used in components: **UnderlyingInstrument**

#### **170.2.5708 UnderlyingEquityIDSource**

Identifies the source of the UnderlyingEquityID(1996).

Type: **String**

Allowed values in SecurityIDSourceCodeSet:

<b>Code</b>	<b>Name</b>	<b>Description</b>
1	CUSIP	CUSIP
2	SEDOL	SEDOL
3	QUIK	QUIK
4	ISINNumber	ISIN
5	RICCode	RIC
6	ISOCurrencyCode	ISO Currency Code (ISO 4217)
7	ISOCountryCode	ISO Country Code
8	ExchangeSymbol	Exchange symbol
9	ConsolidatedTapeAssociation	Consolidated Tape Association (CTA) Symbol (SIAC CTS/CQS line format)
A	BloombergSymbol	Bloomberg Symbol
B	Wertpapier	Wertpapier
C	Dutch	Dutch
D	Valoren	Valoren
E	Sicovam	Sicovam
F	Belgian	Belgian
G	Common	"Common" (Clearstream and Euroclear)
H	ClearingHouse	Clearing house / Clearing organization
I	ISDAFpMLSpecification	ISDA/FpML product specification (XML in SecurityXML(1185))
J	OptionPriceReportingAuthority	Option Price Reporting Authority
K	ISDAFpMLURL	ISDA/FpML product URL (URL in SecurityID(48))
L	LetterOfCredit	Letter of credit
M	MarketplaceAssignedIdentifier	Marketplace-assigned Identifier
N	MarkitREDEntityCLIP	Markit RED entity CLIP
P	MarkitREDPairCLIP	Markit RED pair CLIP
Q	CFTCCommodityCode	CFTC commodity code
R	ISDACommodityReferencePrice	ISDA Commodity Reference Price
S	FinancialInstrumentGlobalIdentifier	Financial Instrument Global Identifier. An Object Management Group (OMG) standard. Also referred to as FIGI. Formerly known as "Bloomberg Open Symbology BBGID".
T	LegalEntityIdentifier	Legal entity identifier
U	Synthetic	Synthetic. Used to specify that the security identifier is synthetic for linking nested underliers when there is no market identifier for the collection.
V	FidessaInstrumentMnemonic	Fidessa Instrument Mnemonic (FIM)

---

Code	Name	Description
W	IndexName	Index name. Standard name of the index or rate index, e.g. "LIBOR" or "iTraxx Australia".
X	UniformSymbol	Uniform Symbol (UMTF Symbol)
Y	DigitalTokenIdentifier	Digital Token Identifier (ISO 24165)

---

Used in components: [UnderlyingInstrument](#)

### **170.2.5709 UnderlyingEventDate**

The date of the event.

Type: [LocalMktDate](#)

Used in groups: [UnderlyingEvntGrp](#)

### **170.2.5710 UnderlyingEventMonthYear**

Used with derivatives when an event is express as a month-year with optional day or month or week of month.

Format:

YYYYMM (e.g. 199903)

YYYYMMDD (e.g. 20030323)

YYYYMMwN (e.g. 200303w2) for week

A specific date can be appended to the month-year. For instance, if multiple event types exist in the same Year and Month, but actually at a different time, a value can be appended, such as "w" or "w2" to indicate week. Likewise, the day of monty (0-31) can be appended to indicate a specific event date.

Type: [MonthYear](#)

Used in groups: [UnderlyingEvntGrp](#)

### **170.2.5711 UnderlyingEventPx**

Predetermined price of issue at event, if applicable.

Type: [Price](#)

Used in groups: [UnderlyingEvntGrp](#)

**170.2.5712 UnderlyingEventText**

Free form text to specify comments related to the event.

Type: **String**

Used in groups: **UnderlyingEvntGrp**

**170.2.5713 UnderlyingEventTime**

The time of the event. To be used in combination with UnderlyingEventDate(1983).

Type: **UTCTimestamp**

Used in groups: **UnderlyingEvntGrp**

**170.2.5714 UnderlyingEventTimePeriod**

Time unit multiplier for the event.

Type: **int**

Used in groups: **UnderlyingEvntGrp**

**170.2.5715 UnderlyingEventTimeUnit**

Time unit associated with the event.

Type: **String**

Used in groups: **UnderlyingEvntGrp**

**170.2.5716 UnderlyingEventType**

Code to represent the type of event.

Type: **int**

Allowed values in EventTypeCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
1	Put	Put
2	Call	Call

---

Code	Name	Description
3	Tender	Tender
4	SinkingFundCall	Sinking fund call
5	Activation	Activation
6	Inactivation	Inactivation
7	LastEligibleTradeDate	Last eligible trade date
8	SwapStartDate	Swap start date
9	SwapEndDate	Swap end date
10	SwapRollDate	Swap roll date
11	SwapNextStartDate	Swap next start date
12	SwapNextRollDate	Swap next roll date
13	FirstDeliveryDate	First delivery date
14	LastDeliveryDate	Last delivery date
15	InitialInventoryDueDate	Initial inventory due date
16	FinalInventoryDueDate	Final inventory due date
17	FirstIntentDate	First intent date
18	LastIntentDate	Last intent date
19	PositionRemovalDate	Position removal date
20	MinimumNotice	Minimum notice
21	DeliveryStartTime	Delivery start time
22	DeliveryEndTime	Delivery end time
23	FirstNoticeDate	First notice date. The first day that a notice of intent to deliver a commodity can be made by a clearing house to a buyer in fulfillment of a given month's futures contract.
24	LastNoticeDate	Last notice date. The last day on which a clearing house may inform an investor that a seller intends to make delivery of a commodity that the investor previously bought in a futures contract. The date is governed by the rules of different exchanges and clearing houses, but may also be stated in the futures contract itself.
25	FirstExerciseDate	First exercise date
26	RedemptionDate	Redemption date
27	TrdCntntnEfctvDt	Trade continuation effective date
99	Other	Other

Used in groups: **UnderlyingEvntGrp**

**170.2.5717 UnderlyingEvtGrp**

The UnderlyingEvtGrp is a repeating subcomponent of the UnderlyingInstrument component used to specify straightforward events associated with the instrument. Examples include put and call dates for bonds and options; first exercise date for options; inventory and delivery dates for commodities; start, end and roll dates for swaps. Use UnderlyingComplexEvents for more advanced dates such as option, futures, commodities and equity swap observation and pricing events.

Name	Mult.	Type	Description
NoUnderlyingEvents	[1..1]	NumInGroup	
UnderlyingEventType	[0..1]	CodeSet	Required if NoUnderlyingEvents(1982) > 0.
UnderlyingEventDate	[0..1]	LocalMktDate	Conditionally required when UnderlyingEventTime(1984) is specified.
UnderlyingEventTime	[0..1]	UTCTimestamp	
UnderlyingEventTimeUnit	[0..1]	String	Conditionally required when UnderlyingEventTimePeriod(1986) is specified.
UnderlyingEventTimePeriod	[0..1]	int	Conditionally required when UnderlyingEventTimeUnit(1985) is specified.
UnderlyingEventMonthYear	[0..1]	MonthYear	
UnderlyingEventPx	[0..1]	Price	
UnderlyingEventText	[0..1]	String	
EncodedUnderlyingEventTextLen	[0..1]	Length	Must be set if EncodedUnderlyingEventText(2073) field is specified and must immediately precede it.
EncodedUnderlyingEventText	[0..1]	data	Encoded (non-ASCII characters) representation of the UnderlyingEventText(2071) field in the encoded format specified via the MessageEncoding(347) field.

Used in components: [UnderlyingInstrument](#)

**170.2.5718 UnderlyingExchangeLookAlike**

For a share option trade, indicates whether the instrument is to be treated as an 'exchange look-alike'.

Type: [Boolean](#)

Used in components: [UnderlyingInstrument](#)

**170.2.5719 UnderlyingExerciseConfirmationMethod**

Indicates whether follow-up confirmation of exercise (written or electronic) is required following telephonic notice by the buyer to the seller or seller's agent.

Type: **int**

Allowed values in ExerciseConfirmationMethodCodeSet:

---

Code	Name	Description
0	NotRequired	Not required
1	NonElectronic	Non-electronic
2	Electronic	Electronic
3	Unknown	Unknown at time of report

---

Used in components: **UnderlyingOptionExercise**

**170.2.5720 UnderlyingExerciseDesc**

A description of the option exercise.

Type: **String**

Used in components: **UnderlyingOptionExercise**

**170.2.5721 UnderlyingExerciseSplitTicketIndicator**

Indicates in physical settlement of bond and convertible bond options whether the party required to deliver the bonds will divide those to be delivered as notifying party desires to facilitate delivery obligations.

Type: **Boolean**

Used in components: **UnderlyingOptionExercise**

**170.2.5722 UnderlyingExerciseStyle**

Type of exercise of a derivatives security

Type: **int**

Allowed values in ExerciseStyleCodeSet:



Code	Name	Description
0	European	European
1	American	American
2	Bermuda	Bermuda
99	Other	Other

Used in components: [UnderlyingInstrument](#)

### 170.2.5723 UnderlyingExtraordinaryDividendAmountType

Indicates how the extraordinary gross cash dividend per share is determined.

Type: [int](#)

Allowed values in DividendAmountTypeCodeSet:

Code	Name	Description
0	RecordAmount	Record amount. 100% of the gross cash dividend per share paid over record date during relevant dividend period.
1	ExAmount	Ex amount. 100% of gross cash dividend per share paid after the ex-dividend date during relevant dividend period.
2	PaidAmount	Paid amount. 100% of gross cash dividend per share paid during relevant dividend period.
3	PerMasterConfirm	As specified in master confirmation. The amount is determined as provided in the relevant master confirmation.

Used in components: [UnderlyingDividendConditions](#)

### 170.2.5724 UnderlyingExtraordinaryDividendCurrency

The currency in which the excess dividend is denominated. Uses ISO 4217 currency codes.

Type: [Currency](#)

Used in components: [UnderlyingDividendConditions](#)

**170.2.5725 UnderlyingExtraordinaryDividendDeterminationMethod**

Specifies the method in which the excess amount is determined.

See <http://www.fpml.org/coding-scheme/determination-method> for values.

Type: **String**

Used in components: **UnderlyingDividendConditions**

**170.2.5726 UnderlyingExtraordinaryDividendPartySide**

Reference to the party through its side in the trade who makes the determination whether dividends are extraordinary in relation to normal levels.

Type: **int**

Allowed values in PaymentStreamCapRateBuySideCodeSet:

Code	Name	Description
1	Buyer	Buyer of the trade
2	Seller	Seller of the trade

Used in components: **UnderlyingDividendConditions**

**170.2.5727 UnderlyingExtraordinaryEventAdjustmentMethod**

Defines how adjustments will be made to the contract should one or more of the extraordinary events occur.

Type: **int**

Allowed values in ExtraordinaryEventAdjustmentMethodCodeSet:

Code	Name	Description
0	CalculationAgent	Calculation agent. The Calculation Agent has the right to adjust the terms of the trade following a corporate action.
1	OptionsExchange	Options exchange. The trade will be adjusted in accordance with any adjustment made by the exchange on which options on the underlying are listed.

Used in components: **UnderlyingInstrument**

**170.2.5728 UnderlyingExtraordinaryEventGrp**

The UnderlyingExtraordinaryEventGrp is a repeating component within the UnderlyingInstrument component. It is used to report extraordinary and disruptive events applicable to the reference entity that affects the contract.

Name	Mult.	Type	Description
NoUnderlyingExtraordinaryEvents	[1..1]	NumInGroup	
UnderlyingExtraordinaryEventType	[0..1]	String	Required if NoUnderlyingExtraordinaryEvents(42884) > 0.
UnderlyingExtraordinaryEventValue	[0..1]	String	Required if NoUnderlyingExtraordinaryEvents(42884) > 0.

Used in components: [UnderlyingInstrument](#)

**170.2.5729 UnderlyingExtraordinaryEventType**

Identifies the type of extraordinary or disruptive event applicable to UnderlyingExtraordinaryEventType(42885).

See [http://www.fixtradingcommunity.org/codelists#Extraordinary\\_Event\\_Type](http://www.fixtradingcommunity.org/codelists#Extraordinary_Event_Type) for code list of extraordinary event types and values.

Type: [String](#)

Used in groups: [UnderlyingExtraordinaryEventGrp](#)

**170.2.5730 UnderlyingExtraordinaryEventValue**

The extraordinary or disruptive event value appropriate to UnderlyingExtraordinaryEventType(42885).

See [http://www.fixtradingcommunity.org/codelists#Extraordinary\\_Event\\_Type](http://www.fixtradingcommunity.org/codelists#Extraordinary_Event_Type) for code list of extraordinary event types and values.

Type: [String](#)

Used in groups: [UnderlyingExtraordinaryEventGrp](#)

### **170.2.5731 UnderlyingFactor**

Underlying security's Factor.

See Factor (228) field for description

(Note tag # was reserved in FIX 4.1, added in FIX 4.3)

Type: **float**

Used in components: **UnderlyingInstrument**

### **170.2.5732 UnderlyingFallbackExerciseIndicator**

Indicates whether the notional amount of the underlying swap, not previously exercised under the option, will be automatically exercised at the expiration time on the expiration date if at such time the buyer is in-the-money, provided that the difference between the settlement rate and the fixed rate under the relevant underlying swap is not less than one tenth of a percentage point (0.10% or 0.001).

Type: **Boolean**

Used in components: **UnderlyingOptionExercise**

### **170.2.5733 UnderlyingFinancialInstrumentFullName**

The full normative name of the underlying financial instrument.

Type: **String**

Used in components: **UnderlyingInstrument**

### **170.2.5734 UnderlyingFinancialInstrumentShortName**

Short name of the financial instrument. Uses ISO 18774 (FINS) values.

Type: **String**

Used in components: **UnderlyingInstrument**

### **170.2.5735 UnderlyingFlexibleIndicator**

Used to indicate if a security has been defined as flexible according to "non-standard" means. Analog to CFICode Standard/Non-standard indicator.

Type: **Boolean**

Used in components: **UnderlyingInstrument**

### **170.2.5736 UnderlyingFlexProductEligibilityIndicator**

Used to indicate if a product or group of product supports the creation of flexible securities.

Type: **Boolean**

Used in components: **UnderlyingInstrument**

### **170.2.5737 UnderlyingFloorPrice**

Used to express the floor price of a capped put.

Type: **Price**

Used in components: **UnderlyingInstrument**

### **170.2.5738 UnderlyingFlowScheduleType**

The industry standard flow schedule by which electricity or natural gas is traded. Schedules exist by regions and on-peak and off-peak status, such as "Western Peak".

Type: **int**

Allowed values in FlowScheduleTypeCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	NERCEasternOffPeak	NERC Eastern Off-Peak
1	NERCWesternOffPeak	NERC Western Off-Peak
2	NERCCalendarAllDaysInMonth	NERC Calendar-All Days in month
3	NERCEasternPeak	NERC Eastern Peak
4	NERCWesternPeak	NERC Western Peak
5	AllTimes	All times
6	OnPeak	On peak
7	OffPeak	Off peak
8	Base	Base
9	Block	Block

---

Code	Name	Description
99	Other	Other

Used in components: [UnderlyingInstrument](#)

### 170.2.5739 UnderlyingFutureID

In the case of an index underlier specifies the unique identifier for the referenced futures contract.

Type: [String](#)

Used in components: [UnderlyingInstrument](#)

### 170.2.5740 UnderlyingFutureIDSource

Identifies the source of the UnderlyingFutureID(2620).

Type: [String](#)

Allowed values in SecurityIDSourceCodeSet:

Code	Name	Description
1	CUSIP	CUSIP
2	SEDOL	SEDOL
3	QUIK	QUIK
4	ISINNumber	ISIN
5	RICCode	RIC
6	ISOCurrencyCode	ISO Currency Code (ISO 4217)
7	ISOCountryCode	ISO Country Code
8	ExchangeSymbol	Exchange symbol
9	ConsolidatedTapeAssociation	Consolidated Tape Association (CTA) Symbol (SIAC CTS/CQS line format)
A	BloombergSymbol	Bloomberg Symbol
B	Wertpapier	Wertpapier
C	Dutch	Dutch
D	Valoren	Valoren
E	Sicovam	Sicovam

Code	Name	Description
F	Belgian	Belgian
G	Common	"Common" (Clearstream and Euroclear)
H	ClearingHouse	Clearing house / Clearing organization
I	ISDAFpMLSpecification	ISDA/FpML product specification (XML in SecurityXML(1185))
J	OptionPriceReportingAuthority	Option Price Reporting Authority
K	ISDAFpMLURL	ISDA/FpML product URL (URL in SecurityID(48))
L	LetterOfCredit	Letter of credit
M	MarketplaceAssignedIdentifier	Marketplace-assigned Identifier
N	MarkitREDEntityCLIP	Markit RED entity CLIP
P	MarkitREDPairCLIP	Markit RED pair CLIP
Q	CFTCCommodityCode	CFTC commodity code
R	ISDACommodityReferencePrice	ISDA Commodity Reference Price
S	FinancialInstrumentGlobalIdentifier	Financial Instrument Global Identifier. An Object Management Group (OMG) standard. Also referred to as FIGI. Formerly known as "Bloomberg Open Symbology BBGID".
T	LegalEntityIdentifier	Legal entity identifier
U	Synthetic	Synthetic. Used to specify that the security identifier is synthetic for linking nested underliers when there is no market identifier for the collection.
V	FidessaInstrumentMnemonic	Fidessa Instrument Mnemonic (FIM)
W	IndexName	Index name. Standard name of the index or rate index, e.g. "LIBOR" or "iTraxx Australia".
X	UniformSymbol	Uniform Symbol (UMTF Symbol)
Y	DigitalTokenIdentifier	Digital Token Identifier (ISO 24165)

Used in components: [UnderlyingInstrument](#)

### 170.2.5741 UnderlyingFXRate

Foreign exchange rate used to compute UnderlyingCurrentValue(885) (or market value) from UnderlyingCurrency(318) to Currency(15).

Type: **float**

Used in components: [UnderlyingInstrument](#)

**170.2.5742 UnderlyingFXRateCalc**

Specifies whether the UnderlyingFxRate(1045) should be multiplied or divided.

Type: **char**

Allowed values in UnderlyingFXRateCalcCodeSet:

Code	Name	Description
D	Divide	Divide
M	Multiply	Multiply

Used in components: **UnderlyingInstrument**

**170.2.5743 UnderlyingID**

Unique identifier for the underlying instrument within the context of a message.

Type: **String**

Used in components: **UnderlyingInstrument**

**170.2.5744 UnderlyingIndexAnnexDate**

The date of a credit default swap index series annex.

Type: **LocalMktDate**

Used in components: **UnderlyingInstrument**

**170.2.5745 UnderlyingIndexAnnexSource**

The source of a credit default swap index series annex.

Type: **String**

Used in components: **UnderlyingInstrument**



**170.2.5746 UnderlyingIndexAnnexVersion**

The version identifier of a credit default swap index annex.

Type: **int**

Used in components: **UnderlyingInstrument**

**170.2.5747 UnderlyingIndexCurvePeriod**

Curve time multiplier for the underlying index.

Type: **int**

Used in components: **UnderlyingInstrument**

**170.2.5748 UnderlyingIndexCurveUnit**

Curve time unit associated with the underlying index.

Type: **String**

Allowed values in PaymentStreamRateIndexCurveUnitCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
D	Day	Day
Wk	Week	Week
Mo	Month	Month
Yr	Year	Year

---

Used in components: **UnderlyingInstrument**

**170.2.5749 UnderlyingIndexSeries**

The series identifier of a credit default swap index.

Type: **int**

Used in components: **UnderlyingInstrument**

**170.2.5750 UnderlyingInstrRegistry**

Underlying security's InstrRegistry.

See InstrRegistry (543) field for description

Type: **String**

Used in components: **UnderlyingInstrument**

**170.2.5751 UnderlyingInstrument**

The UnderlyingInstrument component block, like the Instrument component block, contains all the fields commonly used to describe a security or instrument. In the case of the UnderlyingInstrument component block it describes an instrument which underlies the primary instrument Refer to the Instrument component block comments as this component block mirrors Instrument, except for the noted fields.

<b>Name</b>	<b>Mult.</b>	<b>Type</b>	<b>Description</b>
<b>UnderlyingSymbol</b>	[0..1]	String	Common, "human understood" representation of the security. SecurityID value can be specified if no symbol exists (e.g. non-exchange traded Collective Investment Vehicles). Use "[N/A]" for products which do not have a symbol. Required if the UnderlyingInstrument component is marked as required where the component is used.
<b>UnderlyingSymbolSfx</b>	[0..1]	CodeSet	
<b>UnderlyingSecurityID</b>	[0..1]	String	
<b>UnderlyingSecurityIDSource</b>	[0..1]	CodeSet	
<b>UndSecAltIDGrp</b>	[0..*]	Group	
<b>UnderlyingID</b>	[0..1]	String	Used for unique identification of the underlying instance that can subsequently be used to serve as input value for fields such as UnderlyingRefID(2841), for example, whenever a simple underlying reference is allowed or needed.
<b>UnderlyingProduct</b>	[0..1]	CodeSet	
<b>UnderlyingSecurityXML</b>	[0..1]	Component	Embedded XML document describing the underlying instrument.
<b>UnderlyingCFICode</b>	[0..1]	String	
<b>UnderlyingUPICode</b>	[0..1]	String	
<b>UnderlyingSecurityType</b>	[0..1]	CodeSet	

Name	Mult.	Type	Description
UnderlyingSecuritySubType	[0..1]	String	
UnderlyingMaturityMonthYear	[0..1]	MonthYear	
UnderlyingMaturityDate	[0..1]	LocalMktDate	
UnderlyingMaturityTime	[0..1]	TZTimeOnly	
UnderlyingMaturityFrequencyUnit	[0..1]	CodeSet	Conditionally required when UnderlyingMaturityFrequencyPeriod(2985) is specified.
UnderlyingMaturityFrequencyPeriod	[0..1]	int	Conditionally required when UnderlyingMaturityFrequencyUnit(2984) is specified and the value is not EOM (End of Month) or F (Flexible).
UnderlyingContractPriceRefMonth	[0..1]	MonthYear	
UnderlyingCouponPaymentDate	[0..1]	LocalMktDate	
UnderlyingRestructuringType	[0..1]	CodeSet	
UnderlyingSeniority	[0..1]	CodeSet	
UnderlyingNotional	[0..1]	Amt	
UnderlyingNotionalCurrency	[0..1]	Currency	
UnderlyingNotionalCurrencyCodeSource	[0..1]	CodeSet	
UnderlyingNotionalDeterminationMethod	[0..1]	String	
UnderlyingNotionalAdjustments	[0..1]	CodeSet	
UnderlyingNotionalXIDRef	[0..1]	XIDREF	
UnderlyingNotionalPercentageOutstanding	[0..1]	Percentage	
UnderlyingOriginalNotionalPercentageOutstanding	[0..1]	Percentage	
UnderlyingAttachmentPoint	[0..1]	Percentage	
UnderlyingDetachmentPoint	[0..1]	Percentage	
UnderlyingIssueDate	[0..1]	LocalMktDate	
UnderlyingRepoCollateralSecurityType	[0..1]	String	
UnderlyingRepurchaseTerm	[0..1]	int	
UnderlyingRepurchaseRate	[0..1]	Percentage	
UnderlyingFactor	[0..1]	float	
UnderlyingCreditRating	[0..1]	String	
UnderlyingInstrRegistry	[0..1]	String	

Name	Mult.	Type	Description
UnderlyingCountryOfIssue	[0..1]	Country	
UnderlyingStateOrProvinceOfIssue	[0..1]	String	
UnderlyingLocaleOfIssue	[0..1]	String	
UnderlyingRedemptionDate	[0..1]	LocalMktDate	
UnderlyingStrikePrice	[0..1]	Price	
UnderlyingStrikeCurrency	[0..1]	Currency	
UnderlyingStrikeCurrencyCodeSource	[0..1]	CodeSet	
UnderlyingOptAttribute	[0..1]	char	
UnderlyingContractMultiplier	[0..1]	float	
UnderlyingContractMultiplierUnit	[0..1]	CodeSet	
UnderlyingTradingUnitPeriodMultiplier	[0..1]	int	
UnderlyingFlowScheduleType	[0..1]	CodeSet	
UnderlyingUnitOfMeasure	[0..1]	CodeSet	
UnderlyingUnitOfMeasureQty	[0..1]	Qty	
UnderlyingUnitOfMeasureCurrency	[0..1]	Currency	
UnderlyingUnitOfMeasureCurrencyCodeSource	[0..1]	CodeSet	
UnderlyingPriceUnitOfMeasure	[0..1]	CodeSet	
UnderlyingPriceUnitOfMeasureQty	[0..1]	Qty	
UnderlyingPriceUnitOfMeasureCurrency	[0..1]	Currency	
UnderlyingPriceUnitOfMeasureCurrencyCodeSource	[0..1]	CodeSet	
UnderlyingTimeUnit	[0..1]	CodeSet	Used to indicate a time unit for the contract (e.g., days, weeks, months, etc.)
UnderlyingExerciseStyle	[0..1]	CodeSet	
UnderlyingPriceQuoteCurrency	[0..1]	Currency	
UnderlyingPriceQuoteCurrencyCodeSource	[0..1]	CodeSet	
UnderlyingCouponRate	[0..1]	Percentage	
UnderlyingSecurityExchange	[0..1]	Exchange	
UnderlyingIssuer	[0..1]	String	
EncodedUnderlyingIssuerLen	[0..1]	Length	Must be set if UnderlyingEncodedIssuer(363) field is specified and must immediately precede it.

Name	Mult.	Type	Description
EncodedUnderlyingIssuer	[0..1]	data	Encoded (non-ASCII characters) representation of the UnderlyingIssuer(363) field in the encoded format specified via the MessageEncoding(347) field.
UnderlyingFinancialInstrumentShort-Name	[0..1]	String	
UnderlyingFinancialInstrumentFull-Name	[0..1]	String	
EncodedUnderlyingFinancialInstrumentFullNameLen	[0..1]	Length	Must be set if EncodedUnderlyingFinancialInstrumentFullName(2722) field is specified and must immediately precede it.
EncodedUnderlyingFinancialInstrumentFullName	[0..1]	data	Encoded (non-ASCII characters) representation of the UnderlyingFinancialInstrumentFullName(2720) field in the encoded format specified via the MessageEncoding(347) field.
UnderlyingIndexCurveUnit	[0..1]	CodeSet	Requires UnderlyingSecurityID(305) to identify the index. Requires UnderlyingIndexCurvePeriod(2724).
UnderlyingIndexCurvePeriod	[0..1]	int	Requires UnderlyingSecurityID(305) to identify the index. Requires UnderlyingIndexCurveUnit(2723).
UnderlyingSecurityDesc	[0..1]	String	
EncodedUnderlyingSecurityDescLen	[0..1]	Length	Must be set if UnderlyingEncodedSecurityDesc(307) field is specified and must immediately precede it.
EncodedUnderlyingSecurityDesc	[0..1]	data	Encoded (non-ASCII characters) representation of the UnderlyingSecurityDesc(307) field in the encoded format specified via the MessageEncoding(347) field.
UnderlyingCPPProgram	[0..1]	CodeSet	
UnderlyingCPRRegType	[0..1]	String	
UnderlyingAllocationPercent	[0..1]	Percentage	Specific to the < UnderlyingInstrument > Percent of the Strike Price that this underlying represents. Necessary for derivatives that deliver into more than one underlying instrument.
UnderlyingCurrency	[0..1]	Currency	Specific to the <UnderlyingInstrument> (not in <Instrument>)
UnderlyingCurrencyCodeSource	[0..1]	CodeSet	

Name	Mult.	Type	Description
UnderlyingQty	[0..1]	Qty	Specific to the <UnderlyingInstrument> (not in <Instrument>). Unit amount of the underlying security (par, shares, currency, etc.)
UnderlyingSettlementType	[0..1]	CodeSet	Specific to the < UnderlyingInstrument > Indicates order settlement period for the underlying deliverable component.
UnderlyingCashAmount	[0..1]	Amt	Specific to the < UnderlyingInstrument > Cash amount associated with the underlying component. Necessary for derivatives that deliver into more than one underlying instrument and one of the underlying's is a fixed cash value.
UnderlyingCashType	[0..1]	CodeSet	Specific to the < UnderlyingInstrument > Used for derivatives that deliver into cash underlying. Indicates that the cash is either fixed or difference value (difference between strike and current underlying price)
UnderlyingPx	[0..1]	Price	Specific to the <UnderlyingInstrument> (not in <Instrument>). In a financing deal clean price (percent-of-par or per unit) of the underlying security or basket.
UnderlyingDirtyPrice	[0..1]	Price	Specific to the <UnderlyingInstrument> (not in <Instrument>). In a financing deal price (percent-of-par or per unit) of the underlying security or basket. "Dirty" means it includes accrued interest
UnderlyingEndPrice	[0..1]	Price	Specific to the <UnderlyingInstrument> (not in <Instrument>). In a financing deal price (percent-of-par or per unit) of the underlying security or basket at the end of the agreement.
UnderlyingStartValue	[0..1]	Amt	Specific to the <UnderlyingInstrument> (not in <Instrument>). Currency value attributed to this collateral at the start of the agreement
UnderlyingCurrentValue	[0..1]	Amt	Specific to the <UnderlyingInstrument> (not in <Instrument>). Currency value currently attributed to this collateral
UnderlyingEndValue	[0..1]	Amt	Specific to the <UnderlyingInstrument> (not in <Instrument>). Currency value attributed to this collateral at the end of the agreement
UnderlyingAccruedInterestAmt	[0..1]	Amt	
UnderlyingNumDaysInterest	[0..1]	int	

Name	Mult.	Type	Description
UnderlyingStipulations	[0..*]	Group	Specific to the <UnderlyingInstrument> (not in <Instrument>). Insert here the contents of the <UnderlyingStipulations> Component Block
UnderlyingAdjustedQuantity	[0..1]	Qty	Specific to the <UnderlyingInstrument> (not in <Instrument>). For listed derivatives margin management, this is the number of shares adjusted for upcoming corporate action. Used only for securities which are optionable and are between ex-date and settlement date (4 days).
UnderlyingFXRate	[0..1]	float	Specific to the <UnderlyingInstrument> (not in <Instrument>). Foreign exchange rate used to compute UnderlyingCurrentValue (885) (or market value) from UnderlyingCurrency (318) to Currency (15).
UnderlyingFXRateCalc	[0..1]	CodeSet	Specific to the <UnderlyingInstrument> (not in <Instrument>). Specified whether UnderlyingFxRate (1045) should be multiplied or divided to derive UnderlyingCurrentValue (885).
UnderlyingCapValue	[0..1]	Amt	
UnderlyingInstrumentParties	[0..*]	Group	
UnderlyingSettlMethod	[0..1]	CodeSet	
UnderlyingPutOrCall	[0..1]	CodeSet	Used to express option right
UnderlyingInTheMoneyCondition	[0..1]	CodeSet	Used to express in-the-moneyness behavior in general terms for the option without the use of UnderlyingStrikePrice(316) and UnderlyingPutOrCall(315).
UnderlyingContraryInstructionEligibilityIndicator	[0..1]	Boolean	
UnderlyingConstituentWeight	[0..1]	float	
UnderlyingCouponType	[0..1]	CodeSet	
UnderlyingTotalIssuedAmount	[0..1]	Amt	
UnderlyingCouponFrequencyPeriod	[0..1]	int	Conditionally required when UnderlyingCouponFrequencyUnit(1992) is specified.
UnderlyingCouponFrequencyUnit	[0..1]	CodeSet	Conditionally required when UnderlyingCouponFrequencyPeriod(1991) is specified.
UnderlyingCouponDayCount	[0..1]	CodeSet	
UnderlyingCouponOtherDayCount	[0..1]	String	

Name	Mult.	Type	Description
UnderlyingObligationID	[0..1]	String	
UnderlyingObligationIDSource	[0..1]	CodeSet	Conditionally required when UnderlyingObligationID(1994) is specified.
UnderlyingEquityID	[0..1]	String	
UnderlyingEquityIDSource	[0..1]	CodeSet	Conditionally required when UnderlyingEquityID(1996) is specified.
UnderlyingFutureID	[0..1]	String	
UnderlyingFutureIDSource	[0..1]	CodeSet	Required if UnderlyingFutureID(2620) is specified.
UnderlyingEvtGrp	[0..*]	Group	
UnderlyingLienSeniority	[0..1]	CodeSet	
UnderlyingLoanFacility	[0..1]	CodeSet	
UnderlyingReferenceEntityType	[0..1]	CodeSet	
UnderlyingIndexSeries	[0..1]	int	
UnderlyingIndexAnnexVersion	[0..1]	int	
UnderlyingIndexAnnexDate	[0..1]	LocalMktDate	
UnderlyingIndexAnnexSource	[0..1]	String	
UnderlyingSettlRateIndex	[0..1]	String	
UnderlyingSettlRateIndexLocation	[0..1]	String	
UnderlyingOptionExpirationDesc	[0..1]	String	
EncodedUnderlyingOptionExpirationDescLen	[0..1]	Length	Must be set if EncodedUnderlyingOptionExpirationDesc(2288) field is specified and must immediately precede it.
EncodedUnderlyingOptionExpirationDesc	[0..1]	data	Encoded (non-ASCII characters) representation of the UnderlyingOptionExpirationDesc(2286) field in the encoded format specified via the MessageEncoding(347) field.
UnderlyingProductComplex	[0..1]	String	
UnderlyingSecurityGroup	[0..1]	String	
UnderlyingSettleOnOpenFlag	[0..1]	String	
UnderlyingAssignmentMethod	[0..1]	CodeSet	
UnderlyingSecurityStatus	[0..1]	CodeSet	
UnderlyingObligationType	[0..1]	CodeSet	
UnderlyingAssetGroup	[0..1]	CodeSet	
UnderlyingAssetClass	[0..1]	CodeSet	Required if UnderlyingAssetSubClass(2014) is specified.



Name	Mult.	Type	Description
UnderlyingAssetSubClass	[0..1]	CodeSet	Required if UnderlyingAssetType(2015) is specified.
UnderlyingAssetType	[0..1]	String	Required if UnderlyingAssetSubType(2744) is specified.
UnderlyingAssetSubType	[0..1]	String	
UnderlyingSecondaryAssetGrp	[0..*]	Group	
UnderlyingAssetAttributeGrp	[0..*]	Group	
UnderlyingSwapClass	[0..1]	CodeSet	
UnderlyingSwapSubClass	[0..1]	CodeSet	
UnderlyingNthToDefault	[0..1]	int	Conditionally required when UnderlyingMthToDefault(2018) is specified.
UnderlyingMthToDefault	[0..1]	int	
UnderlyingSettledEntityMatrixSource	[0..1]	String	
UnderlyingSettledEntityMatrixPublicationDate	[0..1]	LocalMktDate	
UnderlyingStrikeMultiplier	[0..1]	float	
UnderlyingStrikeValue	[0..1]	float	
UnderlyingStrikeUnitOfMeasure	[0..1]	CodeSet	
UnderlyingStrikeIndexCurvePoint	[0..1]	String	
UnderlyingStrikeIndex	[0..1]	String	
UnderlyingStrikeIndexQuote	[0..1]	CodeSet	
UnderlyingStrikeIndexSpread	[0..1]	PriceOffset	
UnderlyingStrikePriceDeterminationMethod	[0..1]	CodeSet	
UnderlyingStrikePriceBoundaryMethod	[0..1]	CodeSet	When specified, UnderlyingPutOrCall(315), UnderlyingStrikePrice(316), and UnderlyingStrikePriceBoundaryPrecision(2025) must also be specified.
UnderlyingStrikePriceBoundaryPrecision	[0..1]	Percentage	
UnderlyingMinPriceIncrement	[0..1]	float	
UnderlyingMinPriceIncrementAmount	[0..1]	Amt	
UnderlyingOptPayoutType	[0..1]	CodeSet	
UnderlyingOptPayoutAmount	[0..1]	Amt	Conditionally required if UnderlyingOptPayoutType(2028) = 3 (Binary).
UnderlyingReturnTrigger	[0..1]	CodeSet	
UnderlyingPriceQuoteMethod	[0..1]	CodeSet	

Name	Mult.	Type	Description
UnderlyingValuationMethod	[0..1]	CodeSet	
UnderlyingValuationSource	[0..1]	String	
UnderlyingValuationReferenceModel	[0..1]	String	
UnderlyingListMethod	[0..1]	CodeSet	
UnderlyingCapPrice	[0..1]	Price	
UnderlyingFloorPrice	[0..1]	Price	
UnderlyingFlexibleIndicator	[0..1]	Boolean	
UnderlyingFlexProductEligibilityIndicator	[0..1]	Boolean	
UnderlyingPositionLimit	[0..1]	int	
UnderlyingNTPositionLimit	[0..1]	int	
UnderlyingPool	[0..1]	String	
UnderlyingContractSettlMonth	[0..1]	MonthYear	
UnderlyingDatedDate	[0..1]	LocalMktDate	
UnderlyingInterestAccrualDate	[0..1]	LocalMktDate	
UnderlyingShortSaleRestriction	[0..1]	CodeSet	
UnderlyingRefTickTableID	[0..1]	int	
UnderlyingProtectionTermXIDRef	[0..1]	XIDREF	
UnderlyingSettlTermXIDRef	[0..1]	XIDREF	
UnderlyingComplexEvents	[0..*]	Group	
UnderlyingStrategyType	[0..1]	CodeSet	
UnderlyingCommonPricingIndicator	[0..1]	Boolean	
UnderlyingSettlDisruptionProvision	[0..1]	CodeSet	
UnderlyingDeliveryRouteOrCharter	[0..1]	String	
UnderlyingInstrumentRoundingDirection	[0..1]	CodeSet	
UnderlyingInstrumentRoundingPrecision	[0..1]	int	
UnderlyingDateAdjustment	[0..1]	Component	
UnderlyingPricingDateTime	[0..1]	Component	
UnderlyingMarketDisruption	[0..1]	Component	
UnderlyingOptionExercise	[0..1]	Component	
UnderlyingStreamGrp	[0..*]	Group	
UnderlyingProvisionGrp	[0..*]	Group	
UnderlyingAdditionalTermGrp	[0..*]	Group	

Name	Mult.	Type	Description
UnderlyingProtectionTermGrp	[0..*]	Group	
UnderlyingCashSettlTermGrp	[0..*]	Group	
UnderlyingPhysicalSettlTermGrp	[0..*]	Group	
UnderlyingRateSpreadSchedule	[0..1]	Component	
UnderlyingDividendPayout	[0..1]	Component	
UnderlyingExtraordinaryEventGrp	[0..*]	Group	
UnderlyingExtraordinaryEventAdjustmentMethod	[0..1]	CodeSet	
UnderlyingExchangeLookAlike	[0..1]	Boolean	
UnderlyingAverageVolumeLimitation-Percentage	[0..1]	Amt	
UnderlyingAverageVolumeLimitation-PeriodDays	[0..1]	int	
UnderlyingDepositoryReceiptIndicator	[0..1]	Boolean	
UnderlyingOpenUnits	[0..1]	Qty	
UnderlyingBasketDivisor	[0..1]	float	
UnderlyingInstrumentXID	[0..1]	XID	

Used in groups: PosUndInstrmtGrp, QuotSetAckGrp, QuotSetGrp, UndInstrmtCollGrp, UndInstrmtGrp

Used in messages: DerivativeSecurityList, DerivativeSecurityListRequest, DerivativeSecurityListUpdateReport, OrderMassActionReport, OrderMassActionRequest, OrderMassCancelReport, OrderMassCancelRequest, OrderMassStatusRequest

#### 170.2.5752 UnderlyingInstrumentPartyID

PartyID value within an underlying instrument party repeating group.

Same values as PartyID (448)

Type: String

Used in groups: UndlyInstrumentParties

#### 170.2.5753 UnderlyingInstrumentPartyIDSource

PartyIDSource value within an underlying instrument partyrepeating group.

Same values as PartyIDSource (447)

Type: **char**

Allowed values in PartyIDSourceCodeSet:

Code	Name	Description
1	KoreanInvestorID	Korean Investor ID
6	UKNationalInsuranceOrPension-Number	UK National Insurance or Pension Number
B	BIC	BIC (Bank Identification Code - SWIFT managed) code (ISO9362 - See "Appendix 6-B")
I	ISITCAcronym	Directed broker three character acronym as defined in ISITC "ETC Best Practice" guidelines document
2	TaiwaneseForeignInvestorID	Taiwanese Qualified Foreign Investor ID QFII/FID
7	USSocialSecurityNumber	US Social Security Number
C	GeneralIdentifier	Generally accepted market participant identifier (e.g. NASD mnemonic)
3	TaiwaneseTradingAcct	Taiwanese Trading Acct
8	USEmployerOrTaxIDNumber	US Employer or Tax ID Number
D	Proprietary	Proprietary / Custom code. Custom ID schema used between counterparties, trading platforms and repositories.
4	MalaysianCentralDepository	Malaysian Central Depository (MCD) number
9	AustralianBusinessNumber	Australian Business Number
E	ISOCountryCode	ISO Country Code
5	ChineseInvestorID	Chinese Investor ID
A	AustralianTaxFileNumber	Australian Tax File Number
F	SettlementEntityLocation	Settlement Entity Location (note if Local Market Settlement use "E=ISO Country Code") (see "Appendix 6-G" for valid values)
G	MIC	Market Identifier Code (ISO 10383) MIC
J	TaxID	Tax ID
H	CSDParticipant	CSD participant/member code (e.g. Euroclear, DTC, CREST or Kassenverein number)
K	AustralianCompanyNumber	Australian Company Number
L	AustralianRegisteredBodyNumber	Australian Registered Body Number
M	CFTCReportingFirmIdentifier	CFTC reporting firm identifier
N	LegalEntityIdentifier	Legal Entity Identifier (ISO 17442) LEI
O	InterimIdentifier	Interim identifier. An interim entity identifier assigned by a regulatory agency prior to an LEI (ISO 17442) being assigned.

Code	Name	Description
P	ShortCodeIdentifier	Short code identifier. A generic means for trading venues, brokers, investment managers to convey a bilaterally agreed upon "short hand" code for an identifier that is a reference to a mapping between the parties.
Q	NationalIDNaturalPerson	National ID of natural person. An identification number generally assigned by a government authority or agency to a natural person which is unique to the person it is assigned to. Examples include, but not limited to, "social security number", "pension number".
R	IndiaPermanentAccountNumber	India Permanent Account Number. Also referred to as PAN ID. An identifier issued by the Income Tax Department of India.
S	FDID	Firm designated identifier. Also referred to as FDID. A unique identifier required by the SEC for each trading account designated by Industry Members for purposes of reporting to CAT (Consolidated Audit Trail).
T	SPSAID	Special Segregated Account ID. Also referred to as SPSA ID. The Special Segregated Account identifier issued by Hong Kong Exchanges and Clearing.
U	MasterSPSAID	Master Special Segregated Account ID. Also referred to as Master SPSA ID. The master identifier issued by Hong Kong Exchanges and Clearing for the aggregation of SPSA IDs.

Used in groups: [UndlyInstrumentParties](#)

### 170.2.5754 UnderlyingInstrumentPartyRole

PartyRole value within an underlying instrument party repeating group.

Same values as PartyRole (452)

Type: [int](#)

Allowed values in PartyRoleCodeSet:

Code	Name	Description
1	ExecutingFirm	Executing Firm (formerly FIX 4.2 ExecBroker)
2	BrokerOfCredit	Broker of Credit (formerly FIX 4.2 BrokerOfCredit)
3	ClientID	Client ID (formerly FIX 4.2 ClientID)
4	ClearingFirm	Clearing Firm (formerly FIX 4.2 ClearingFirm)

<b>Code</b>	<b>Name</b>	<b>Description</b>
5	InvestorID	Investor ID
6	IntroducingFirm	Introducing Firm
7	EnteringFirm	Entering Firm
8	Locate	Locate / Lending Firm (for short-sales)
9	FundManagerClientID	Fund Manager Client ID (for CIV)
10	SettlementLocation	Settlement Location (formerly FIX 4.2 SettLocation)
11	OrderOriginationTrader	Order Origination Trader (associated with Order Origination Firm - i.e. trader who initiates/submits the order)
12	ExecutingTrader	Executing Trader (associated with Executing Firm - actually executes)
13	OrderOriginationFirm	Order Origination Firm (e.g. buy-side firm)
14	GiveupClearingFirmDepr	Giveup Clearing Firm (firm to which trade is given up)
15	CorrespondantClearingFirm	Correspondant Clearing Firm
16	ExecutingSystem	Executing System
17	ContraFirm	Contra Firm
18	ContraClearingFirm	Contra Clearing Firm
19	SponsoringFirm	Sponsoring Firm
20	UnderlyingContraFirm	Underlying Contra Firm
21	ClearingOrganization	Clearing Organization
22	Exchange	Exchange. Identify using PartyIDSource(tag 447) = G (Market Identifier Code) if the MIC exists.
24	CustomerAccount	Customer Account
25	CorrespondentClearingOrganization	Correspondent Clearing Organization
26	CorrespondentBroker	Correspondent Broker
27	Buyer	Buyer/Seller (Receiver/Deliverer)
28	Custodian	Custodian
29	Intermediary	Intermediary
30	Agent	Agent
31	SubCustodian	Sub-custodian
32	Beneficiary	Beneficiary
33	InterestedParty	Interested party
34	RegulatoryBody	Regulatory body. In the context of regulatory reporting, this identifies the regulator the trade is being reported to.
35	LiquidityProvider	Liquidity provider
36	EnteringTrader	Entering trader

<b>Code</b>	<b>Name</b>	<b>Description</b>
37	ContraTrader	Contra trader
38	PositionAccount	Position account. The account which positions are maintained. Typically represents the aggregation of one or more customer accounts.
39	ContraInvestorID	Contra Investor ID
40	TransferToFirm	Transfer to Firm
41	ContraPositionAccount	Contra Position Account
42	ContraExchange	Contra Exchange
43	InternalCarryAccount	Internal Carry Account
44	OrderEntryOperatorID	Order Entry Operator ID
45	SecondaryAccountNumber	Secondary Account Number
46	ForeignFirm	Foreign Firm
47	ThirdPartyAllocationFirm	Third Party Allocation Firm
48	ClaimingAccount	Claiming Account
49	AssetManager	Asset Manager
50	PledgorAccount	Pledgor Account
51	PledgeeAccount	Pledgee Account
52	LargeTraderReportableAccount	Large Trader Reportable Account
53	TraderMnemonic	Trader mnemonic
54	SenderLocation	Sender Location
55	SessionID	Session ID
56	AcceptableCounterparty	Acceptable Counterparty
57	UnacceptableCounterparty	Unacceptable Counterparty
58	EnteringUnit	Entering Unit
59	ExecutingUnit	Executing Unit
60	IntroducingBroker	Introducing Broker
61	QuoteOriginator	Quote originator
62	ReportOriginator	Report originator
63	SystematicInternaliser	Systematic internaliser (SI)
64	MultilateralTradingFacility	Multilateral Trading Facility (MTF). Identify using PartyIDSource(tag 447) = G (Market Identifier Code) if the MIC exists.
65	RegulatedMarket	Regulated Market (RM). Identify using PartyIDSource(tag 447) = G (Market Identifier Code) if the MIC exists.
66	MarketMaker	Market Maker

<b>Code</b>	<b>Name</b>	<b>Description</b>
67	InvestmentFirm	Investment Firm
68	HostCompetentAuthority	Host Competent Authority (Host CA)
69	HomeCompetentAuthority	Home Competent Authority (Home CA)
70	CompetentAuthorityLiquidity	Competent Authority of the most relevant market in terms of liquidity (CAL)
71	CompetentAuthorityTransactionVenue	Competent Authority of the Transaction (Execution) Venue (CATV)
72	ReportingIntermediary	Reporting intermediary. The medium or vendor used to report to a regulator, non-regulatory agency or data repository.
73	ExecutionVenue	Execution Venue. Identify using PartyIDSource(tag 447) = G (Market Identifier Code) if the MIC exists.
74	MarketDataEntryOriginator	Market data entry originator
75	LocationID	Location ID
76	DeskID	Desk ID
77	MarketDataMarket	Market data market
78	AllocationEntity	Allocation Entity
79	PrimeBroker	Prime Broker providing General Trade Services
80	StepOutFirm	Step-Out Firm (Prime Broker)
81	BrokerClearingID	Broker clearing identifier
82	CentralRegistrationDepository	Central Registration Depository (CRD)
83	ClearingAccount	Clearing Account
84	AcceptableSettlingCounterparty	Acceptable Settling Counterparty
85	UnacceptableSettlingCounterparty	Unacceptable Settling Counterparty
86	CLSMemberBank	CLS Member Bank
87	InConcertGroup	In Concert Group
88	InConcertControllingEntity	In Concert Controlling Entity
89	LargePositionsReportingAccount	Large Positions Reporting Account
90	SettlementFirm	Settlement Firm
91	SettlementAccount	Settlement account. The account to which individual payment obligations are aggregated for netting and funds movement. Typically represents the aggregation of many margin (performance bond) accounts.
92	ReportingMarketCenter	Reporting Market Center
93	RelatedReportingMarketCenter	Related Reporting Market Center
94	AwayMarket	Away Market. Identify using PartyIDSource(tag 447) = G (Market Identifier Code) if the MIC exists.



<b>Code</b>	<b>Name</b>	<b>Description</b>
95	GiveupTradingFirm	Give-up (trading) firm
96	TakeupTradingFirm	Take-up (trading) firm
97	GiveupClearingFirm	Give-up clearing firm
98	TakeupClearingFirm	Take-up clearing firm
99	OriginatingMarket	Originating Market. Identifies the Market using PartyIDSource(tag 447) = G (Market Identifier Code) where an order originated in the event that the order is sent to an alternative market for execution. Serves as an inverse of an away market.
100	MarginAccount	Margin account. Also referred to as "performance bond account". The margin account is the calculated margin requirements. Typically represents the aggregation of one or more position accounts.
101	CollateralAssetAccount	Collateral asset account. The account at which individual collateral assets are maintained. Typically, although not always, one-for-one with the settlement account.
102	DataRepository	Data repository. Multiple instances of this PartyRole may appear for reporting purposes.
103	CalculationAgent	Calculation agent
104	ExerciseNoticeSender	Sender of exercise notice
105	ExerciseNoticeReceiver	Receiver of exercise notice
106	RateReferenceBank	Rate reference bank. The bank providing the reference rate. Multiple instance of this PartyRole may appear.
107	Correspondent	Correspondent
109	BeneficiaryBank	Beneficiary's bank or depository institution. The institution in which the beneficiary, a person or an entity, has their account with. The institution may be a bank or non-bank institution.
110	Borrower	Borrower
111	PrimaryObligator	Primary obligator
112	Guarantor	Guarantor
113	ExcludedReferenceEntity	Excluded reference entity
114	DeterminingParty	Determining party
115	HedgingParty	Hedging party
116	ReportingEntity	Reporting entity. The entity that is reporting the information.
117	SalesPerson	Sales person. The person who is involved in the sales activities for their firm.

Code	Name	Description
118	Operator	Operator. The person who has the capabilities and authorization to take certain actions; for example, setting entitlements, etc.
119	CSD	Central Securities Depository (CSD)
120	ICSD	International Central Securities Depository (ICSD)
121	TradingSubAccount	Trading sub-account. Example of sub-accounts include a clearing account that has multiple trading sub-accounts, a trading account that has multiple trading sub-accounts belonging to different trading firms.
122	InvestmentDecisionMaker	Investment decision maker. In the context of ESMA RTS reporting, this is used to specify party responsible for the investment decision. See RTS 24, Annex, Table 2, Field 4.
123	PublishingIntermediary	Publishing intermediary. The medium or vendor used to publish to the market.
124	CSDParticipant	Central Securities Depository (CSD) Participant. In the context of EU SFTR reporting the identifier of the CSD participant or indirect participant of the reporting counterparty. Where both the CSD participant and indirect participant are involved in the transaction this should identify the indirect participant.
125	Issuer	Issuer. The issuer of the security.
126	ContraCustomerAccount	Contra Customer Account. Same as PartyRole(452) = 24 (Customer Account) but for the counterparty. Can be used whenever the parties component is not nested in a repeating group representing both sides.
127	ContraInvestmentDecisionMaker	Contra Investment Decision Maker. Same as PartyRole(452) = 122 (Investment Decision Maker) but for the counterparty. Can be used whenever the parties component is not nested in a repeating group representing both sides.

Used in groups: [UndlyInstrumentParties](#)

### 170.2.5755 UnderlyingInstrumentPartyRoleQualifier

Used to further qualify the value of UnderlyingInstrumentPartyRole(1061).

Type: **int**

Allowed values in PartyDetailRoleQualifierCodeSet:

Code	Name	Description
0	Agency	Agency
1	Principal	Principal
2	RisklessPrincipal	Riskless principal
3	GeneralClearingMember	General clearing member
30	ExchangeOrderSubmitter	Exchange order submitter. Used to identify original or initial exchange order submitting broker when party role "1" (Executing Firm) appears more than once.
4	IndividualClearingMember	Individual clearing member
5	PreferredMarketMaker	Preferred market maker. Market maker getting a part of the matched quantity before primary or default market maker.
6	DirectedMarketMaker	Directed market maker. Single market maker to handle the order provided.
7	Bank	Bank
8	Hub	Hub. Indicates that the Intermediary party is a hub system or service provider.
9	PrimaryTrdRepository	Primary trade repository. Used to differentiate the principal trade repository from the Original or Additional trade repositories when there are multiple trade repositories being reported.
10	OrigTrdRepository	Original trade repository. Used to identify the trade repository to which the trade was originally reported if different from the current repository to which the trade is being reported.
11	AddtnIntlTrdRepository	Additional international trade repository. Used with InternationalSwapIndicator(2526) to identify the trade repository that is in addition to the local swaps data repository as required by U.S. law.
12	AddtnDomesticTrdRepository	Additional domestic trade repository. Used with MixedSwapIndicator(1929) to identify the trade repository that is in addition to the current trade repository when the assets in the swap are subject to two different domestic regulators.
13	RelatedExchange	Related exchange
14	OptionsExchange	Options exchange
15	SpecifiedExchange	Specified exchange
16	ConstituentExchange	Constituent exchange.
17	ExemptFromTradeReporting	Exempt from trade reporting. In the context of FINRA TRACE reporting requirements, this is used to indicate the ATS has been granted a regulatory exemption from reporting.
18	Current	Current. Can be used to convey an existing party identifier for the same party role in a single message.

Code	Name	Description
19	New	New. Can be used to convey a future party identifier for the same party role in a single message.
20	DesignatedSponsor	Designated sponsor. Market maker jointly providing liquidity for the same security with other market makers.
21	Specialist	Specialist. Market maker being the only one providing liquidity for a security.
22	Algorithm	Algorithm
23	FirmOrLegalEntity	Firm or legal entity
24	NaturalPerson	Natural person
25	RegularTrader	Regular trader. Standard trader profile.
26	HeadTrader	Head trader. Senior trader leading a group of regular traders.
27	Supervisor	Supervisor. Administrative user that has only limited rights for normal trading but possibly special rights for emergency actions.
28	TriParty	Tri-party. In the context of EU SFTR reporting, identifies the third party, not necessarily the custodian, to which the reporting counterparty has outsourced the post-trade processing of an SFT (if applicable).
29	Lender	Lender. In the context of EU SFTR reporting, identifies the agent lender involved in the securities lending transaction.

---

Used in groups: [UndlyInstrumentParties](#)

#### **170.2.5756 UnderlyingInstrumentPartySubID**

PartySubID value within an underlying instrument party repeating group.

Same values as PartySubID (523)

Type: [String](#)

Used in groups: [UndlyInstrumentPtysSubGrp](#)

#### **170.2.5757 UnderlyingInstrumentPartySubIDType**

Type of underlying InstrumentPartySubID (1053) value.

Same values as PartySubIDType (803)

Type: [int](#)

## Allowed values in PartySubIDTypeCodeSet:

<b>Code</b>	<b>Name</b>	<b>Description</b>
1	Firm	Firm
2	Person	Person
3	System	System
4	Application	Application
5	FullLegalNameOfFirm	Full legal name of firm
6	PostalAddress	Postal address
7	PhoneNumber	Phone number
8	EmailAddress	Email address
9	ContactName	Contact name
10	SecuritiesAccountNumber	Securities account number (for settlement instructions)
11	RegistrationNumber	Registration number (for settlement instructions and confirmations)
12	RegisteredAddressForConfirmation	Registered address (for confirmation purposes)
13	RegulatoryStatus	Regulatory status (for confirmation purposes)
14	RegistrationName	Registration name (for settlement instructions)
15	CashAccountNumber	Cash account number (for settlement instructions)
16	BIC	BIC
17	CSDParticipantMemberCode	CSD participant member code
18	RegisteredAddress	Registered address
19	FundAccountName	Fund account name
20	TelexNumber	Telex number
21	FaxNumber	Fax number
22	SecuritiesAccountName	Securities account name
23	CashAccountName	Cash account name
24	Department	Department
25	LocationDesk	Location desk
26	PositionAccountType	Position account type
27	SecurityLocateID	Security locate ID
28	MarketMaker	Market maker
29	EligibleCounterparty	Eligible counterparty
30	ProfessionalClient	Professional client
31	Location	Location
32	ExecutionVenue	Execution venue

Code	Name	Description
33	CurrencyDeliveryIdentifier	Currency delivery identifier
34	AddressCity	Address City
35	AddressStateOrProvince	Address State/Province
36	AddressPostalCode	Address Postal Code
37	AddressStreet	Address Street
38	AddressISOCountryCode	Address Country (ISO country code)
39	ISOCountryCode	ISO country code
40	MarketSegment	Market segment
41	CustomerAccountType	Customer account type
42	OmnibusAccount	Omnibus account
43	FundsSegregationType	Funds segregation type
44	GuaranteeFund	Guarantee fund. Identifies a guarantee fund related to an account. Used when one account has multiple funds of collateral, each guaranteeing different positions. Can be used for PartyRole(452) = Customer Account(24).
45	SwapDealer	Swap dealer. The US regulator's defined term for identifying the trade counterparty as "any person who holds itself out as a dealer in swaps, makes a market in swaps, regularly enters into swaps with counterparties as an ordinary course of business for its own account, or engages in activity causing itself to be commonly known in the trade as a dealer or market maker in swaps".
46	MajorParticipant	Major participant. When PartySubID(523)=Y the counterparty is not the swap dealer but is a major swap participant as defined in the regulations.
47	FinancialEntity	Financial entity. When PartySubID(523)=Y the counterparty is neither a swap dealer nor a major swap participant but is a financial entity as defined in the regulations.
48	USPerson	U.S. person. A legal term referring to any U.S. person or legal entity anywhere in the world that should be taxed under U.S. law.
49	ReportingEntityIndicator	Reporting entity indicator. Indicates the entity obligated or delegated to report to their regulator, a non-regulatory agency or data repository. Set PartySubID(523)=Y if true.
50	ElectedClearingRequirementException	Elected clearing requirement exception
51	BusinessCenter	Business center.
52	ReferenceText	Reference text

<b>Code</b>	<b>Name</b>	<b>Description</b>
53	ShortMarkingExemptAccount	Short-marking exempt account
54	ParentFirmIdentifier	Parent firm identifier. Implementation-specific identifier of this party's parent entity.
55	ParentFirmName	Parent firm name. Full name of this party's parent entity.
56	DealIdentifier	Deal identifier. The internal identifier assigned to the trade by this party, particularly by a Clearing Organization.
57	SystemTradeID	System trade identifier
58	SystemTradeSubID	System trade sub-identifier
59	FCMCode	Futures Commission Merchant (FCM) code. The FCM's code or identifier in relation to the PartyRole(452). For example, if PartyRole(452) is the exchange or clearinghouse, the FCM code/ID specified in PartySubID(523) is the FCM's identifier at the exchange or clearinghouse.
60	DlvryTrmlCode	Delivery terminal customer account/code. Usually used for gas delivery to identify whose account the gas is allocated to at the delivery terminal. Often referred to as "HUB" code.
61	VolntyRptEntity	Voluntary reporting entity. The entity voluntarily reporting the trade to the regulator. Set PartySubID(523)=Y if true.
62	RptObligJurisdiction	Reporting obligation jurisdiction. For a trade that falls under multiple jurisdictions this may be used to identify, through PartySubID(523), the reporting jurisdiction to which the party is obligated to report.
63	VolntyRptJurisdiction	Voluntary reporting jurisdiction. For a trade that falls under multiple jurisdictions this may be used to identify, through PartySubID(523), the regulatory jurisdiction to which the party is submitting a voluntary report.

Code	Name	Description
64	CompanyActivities	Company activities. For regulatory reporting. ID values include: A = Assurance undertaking authorized in accordance with Directive 2002/83/EC C=Credit institution authorized in accordance with Directive 2006/48/EC F=Investment firm in accordance with Directive 2004/39/EC I=Insurance undertaking authorized in accordance with Directive 73/239/EC L=Alternative investment fund managed by AIFMs authorized or registered in accordance with Directive 2011/61/EC O=Institution for occupational retirement provision within the meaning of Article 6(a0 of Directive 2003/41/EC R=Reinsurance undertaking authorized in accordance with Directive 2005/68/EC U=UCITS and its management company, authorized in accordance with Directive 2009/65/EC or blank in case of coverage by LEI or in case of non-financial counterparties. In the context of EU SFTR reporting use the appropriate 4- or 1-character code noted in the regulations. See SFTR ITS "Commission Implementing Regulation (EU) 2019/363" Annexes 1 and 2 for values.
65	EEAreaDomiciled	European Economic Area domiciled. ID values: Y or N
66	ContractLinked	Contract linked to commercial or treasury financing for this counterparty. ID values: Y or N
67	ContractAbove	Contract above clearing threshold for this counterparty. ID values: Y or N
68	VolntyRptPty	Voluntary reporting party. When PartySubID(523)=Y, identifies that the trading party is reporting voluntarily when VoluntaryRegulatoryReport(1935)=Y.
69	EndUser	End user. When PartySubID(523)=Y, the counterparty is neither the swap dealer, major swap participant nor financial entity as defined in the regulations.
70	LocationOrJurisdiction	Location or jurisdiction. One or more instances may be used in combination with PartySubIDType(803) = 49 (Reporting entity indicator) or 102 (Data repository) to identify the jurisdiction, countries, regions or provinces for which the party is a reporting entity or data repository when that characteristic is ambiguous or where there are multiple locations. The party sub-ID value is either a jurisdiction acronym, a 2-character ISO 3166 country code, or a hyphenated combination of the country code and the standard post-office abbreviation for province, state or region if necessary. E.g. "US" for United States or "CA-QC" for Quebec Canada.



<b>Code</b>	<b>Name</b>	<b>Description</b>
71	DerivativesDealer	Derivatives dealer. Indicates whether the party is a derivatives dealer or not (Y/N). The Canadian regulator's defined term for identifying the trade counterparty as "a person or company engaging in or holding himself, herself or itself out as engaging in the business of trading in derivatives in Ontario as principal or agent".
72	Domicile	Domicile. Country and optionally province, state or region of domicile. The party sub-ID value is either a 2-character ISO 3166 country code or a hyphenated combination of the country code and the standard post-office abbreviation of province, state or region if necessary. E.g. "US" for United States or "CA-QC" for Quebec Canada.
73	ExemptFromRecognition	Exempt from recognition. Used with party role 21 "Clearing Organization" to indicate exemption (Y/N). Identifies a clearing agency as exempt from oversight in Ontario, i.e. one that 1) only provides limited services and does not present significant risks or 2) is foreign-based, intends to operate in Ontario but is subject to regulatory oversight in another jurisdiction.
74	Payer	Payer. Identifies the party as the payer of a particular payment stream or bullet payment by quoting the stream's StreamDesc(40051) (or LegStreamDesc(40243) or UnderlyingStreamDesc(40542)) or payment's PaymentDesc(43087) in the associated party sub-identifier field.
75	Receiver	Receiver. Identifies the party as the receiver of a particular payment stream or bullet payment by quoting the stream's StreamDesc(40051) (or LegStreamDesc(40243) or UnderlyingStreamDesc(40542)) or payment's PaymentDesc(43087) in the associated party sub-identifier field.
76	SystematicInternaliser	Systematic Internaliser (SI). In the context of ESMA reporting, this is used to indicate whether the specified party is a Systematic Internaliser or not for the security defined in the Instrument component (Y/N).
77	PublishingEntityIndicator	Publishing entity indicator. Indicates the entity obligated or delegated to publish to the market. Set PartySubID(523)=Y if true.
78	FirstName	First name. The first name(s) of a natural person. If multiple names, separate entries by a comma.
79	Surname	Surname. The surname(s) or lastname(s) of a natural person. If multiple names, separate entries by a comma.

Code	Name	Description
80	DateOfBirth	Date of birth. The date of birth of a natural person in the format YYYYMMDD.
81	OrderTransmittingFirm	Order transmitting firm. Identifies whether the party specified in PartyID(448) is the firm that transmitted the order. In the context of RTS 22 Article 4, when "true" the PartySubID(523)=Y shall be set "by the transmitting firm within the transmitting firm's report where conditions for transmission specified in Article 4 were not satisfied."
82	OrderTransmittingFirmBuyer	Order transmitting firm for buyer. Identifies the firm that transmitted the order for the buyer. In the context of ESMA RTS 22, PartySubID(523)=Y is used to indicate the firm identified in PartyID(448) is the firm that transmitted the order for the buyer. "This shall be populated by the receiving firm within the receiving firm's report with the identification code provided by the transmitting firm."
83	OrderTransmitterSeller	Order transmitter for seller. Identifies the order transmitting firm for the seller. In the context of ESMA RTS 22, PartySubID(523)=Y is used to indicate the firm identified in PartyID(448) is the firm that transmitted the order for the seller. "This shall be populated by the receiving firm within the receiving firm's report with the identification code provided by the transmitting firm."
84	LegalEntityIdentifier	Legal Entity Identifier (ISO 17442) LEI
85	SubSectorClassification	Sub-sector classification. Supplemental to party sub-ID type "64" (Company activities) for regulatory reporting. For EU SFTR reporting use the appropriate 4-character code noted in the regulations applying the conditional association rules. See SFTR ITS "Commission Implementing Regulation (EU) 2019/363" Annexes 1 and 2 for values.
86	PartySide	Party side. May be used, when appropriate, to explicitly indicate the transaction side of the party, e.g. Buyer, Seller, Lender, Borrower, Maker, Taker, etc. in the ID. In the context of EU SFTR reporting, use values as required by SFTR, "GIVE" and "TAKE" in the ID, to identify collateral giver and taker.
87	LegalRegistrationCountry	Legal registration country. ISO Country Code where the registered office of the party is located as specified in the LEI reference data.

Used in groups: [UndlyInstrumentPtysSubGrp](#)

**170.2.5758 UnderlyingInstrumentRoundingDirection**

Specifies the rounding direction if not overridden elsewhere.

Type: **char**

Allowed values in RoundingDirectionCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	RoundToNearest	Round to nearest
1	RoundDown	Round down
2	RoundUp	Round up

---

Used in components: **UnderlyingInstrument**

**170.2.5759 UnderlyingInstrumentRoundingPrecision**

Specifies the rounding precision in terms of a number of decimal places. Note how a percentage rate rounding of 5 decimal places is expressed as a rounding precision of 7.

Type: **int**

Used in components: **UnderlyingInstrument**

**170.2.5760 UnderlyingInstrumentXID**

Identifier for referencing this UnderlyingInstrument from a parent instrument or a convertible instrument.

Type: **XID**

Used in components: **UnderlyingInstrument**

**170.2.5761 UnderlyingInterestAccrualDate**

If different from IssueDate and DatedDate

Type: **LocalMktDate**

Used in components: **UnderlyingInstrument**

**170.2.5762 UnderlyingInTheMoneyCondition**

Specifies an option instrument's "in the money" condition in general terms.

Type: **int**

Allowed values in InTheMoneyConditionCodeSet:

Code	Name	Description
0	StandardITM	Standard in-the-money. The option's strike price is less than the underlying settlement price for a call or greater than the underlying settlement price for a put.
1	ATMITM	At-the-money is in-the-money. The option's strike price of either the put or call is equal to the underlying settlement price in addition to standard in-the-money behavior.
2	ATMCallITM	At-the-money call is in-the-money. The call option's strike price is equal to the underlying settlement price in addition to standard in-the-money behavior.
3	ATMPutITM	At-the-money put is in-the-money. The put option's strike price is equal to the underlying settlement price in addition to standard in-the-money behavior.

Used in components: **UnderlyingInstrument**

**170.2.5763 UnderlyingIssueDate**

Underlying security's IssueDate.

See IssueDate (225) field for description

(Note tag # was reserved in FIX 4.1, added in FIX 4.3)

(prior to FIX 4.4 field was of type UTCDate)

Type: **LocalMktDate**

Used in components: **UnderlyingInstrument**

**170.2.5764 UnderlyingIssuer**

Underlying security's Issuer.

See Issuer(106) field for description.

Type: **String**

Used in components: **UnderlyingInstrument**

### **170.2.5765 UnderlyingLastPx**

The calculated or traded price for the underlying instrument that corresponds to a derivative. Used for transactions that include the cash instrument and the derivative.

Type: **Price**

Used in messages: **ExecutionReport**

### **170.2.5766 UnderlyingLastQty**

The calculated or traded quantity for the underlying instrument that corresponds to a derivative. Used for transactions that include the cash instrument and the derivative.

Type: **Qty**

Used in messages: **ExecutionReport**

### **170.2.5767 UnderlyingLegCFIcode**

Refer to definition for CFIcode(461)

Type: **String**

Used in components: **UnderlyingLegInstrument**

### **170.2.5768 UnderlyingLegInstrument**

---

<b>Name</b>	<b>Mult.</b>	<b>Type</b>	<b>Description</b>
<b>UnderlyingLegSymbol</b>	[0..1]	String	
<b>UnderlyingLegSymbolSfx</b>	[0..1]	String	
<b>UnderlyingLegSecurityID</b>	[0..1]	String	
<b>UnderlyingLegSecurityIDSource</b>	[0..1]	String	
<b>UnderlyingLegSecurityAltIDGrp</b>	[0..*]	Group	
<b>UnderlyingLegCFIcode</b>	[0..1]	String	
<b>UnderlyingLegSecurityType</b>	[0..1]	String	

---

Name	Mult.	Type	Description
<a href="#">UnderlyingLegSecuritySubType</a>	[0..1]	String	
<a href="#">UnderlyingLegMaturityMonthYear</a>	[0..1]	MonthYear	
<a href="#">UnderlyingLegMaturityDate</a>	[0..1]	LocalMktDate	
<a href="#">UnderlyingLegMaturityTime</a>	[0..1]	TZTimeOnly	
<a href="#">UnderlyingLegStrikePrice</a>	[0..1]	Price	
<a href="#">UnderlyingLegOptAttribute</a>	[0..1]	char	
<a href="#">UnderlyingLegPutOrCall</a>	[0..1]	int	
<a href="#">UnderlyingLegSecurityExchange</a>	[0..1]	String	
<a href="#">UnderlyingLegSecurityDesc</a>	[0..1]	String	

---

Used in groups: [TradeCapLegUnderlyingsGrp](#)

#### **170.2.5769 UnderlyingLegMaturityDate**

Date of maturity.

Type: [LocalMktDate](#)

Used in components: [UnderlyingLegInstrument](#)

#### **170.2.5770 UnderlyingLegMaturityMonthYear**

Refer to definition for MaturityMonthYear(200)

Type: [MonthYear](#)

Used in components: [UnderlyingLegInstrument](#)

#### **170.2.5771 UnderlyingLegMaturityTime**

Time of security's maturity expressed in local time with offset to UTC specified

Type: [TZTimeOnly](#)

Used in components: [UnderlyingLegInstrument](#)

**170.2.5772 UnderlyingLegOptAttribute**

Refer to definition of OptAttribute(206)

Type: **char**

Used in components: **UnderlyingLegInstrument**

**170.2.5773 UnderlyingLegPutOrCall**

Refer to definition for PutOrCall(201)

Type: **int**

Used in components: **UnderlyingLegInstrument**

**170.2.5774 UnderlyingLegSecurityAltID**

Refer to definition for SecurityAltID(455)

Type: **String**

Used in groups: **UnderlyingLegSecurityAltIDGrp**

**170.2.5775 UnderlyingLegSecurityAltIDGrp**

---

<b>Name</b>	<b>Mult.</b>	<b>Type</b>	<b>Description</b>
<b>NoUnderlyingLegSecurityAltID</b>	[1..1]	NumInGroup	
<b>UnderlyingLegSecurityAltID</b>	[0..1]	String	
<b>UnderlyingLegSecurityAltIDSource</b>	[0..1]	String	

---

Used in components: **UnderlyingLegInstrument**

**170.2.5776 UnderlyingLegSecurityAltIDSource**

Refer to definition for SecurityAltIDSource(456)

Type: **String**

Used in groups: **UnderlyingLegSecurityAltIDGrp**

**170.2.5777 UnderlyingLegSecurityDesc**

Refer to definition of SecurityDesc(107)

Type: **String**

Used in components: **UnderlyingLegInstrument**

**170.2.5778 UnderlyingLegSecurityExchange**

Refer to definition for SecurityExchange(207)

Type: **String**

Used in components: **UnderlyingLegInstrument**

**170.2.5779 UnderlyingLegSecurityID**

Refer to definition for SecurityID(48)

Type: **String**

Used in components: **UnderlyingLegInstrument**

**170.2.5780 UnderlyingLegSecurityIDSource**

Refer to definition for SecurityIDSource(22)

Type: **String**

Used in components: **UnderlyingLegInstrument**

**170.2.5781 UnderlyingLegSecuritySubType**

Refer to definition for SecuritySubType(762)

Type: **String**

Used in components: **UnderlyingLegInstrument**



**170.2.5782 UnderlyingLegSecurityType**

Refer to definition for SecurityType(167)

Type: **String**

Used in components: **UnderlyingLegInstrument**

**170.2.5783 UnderlyingLegStrikePrice**

Refer to definition for StrikePrice(202)

Type: **Price**

Used in components: **UnderlyingLegInstrument**

**170.2.5784 UnderlyingLegSymbol**

Refer to definition for Symbol(55)

Type: **String**

Used in components: **UnderlyingLegInstrument**

**170.2.5785 UnderlyingLegSymbolSfx**

Refer to definition for SymbolSfx(65)

Type: **String**

Used in components: **UnderlyingLegInstrument**

**170.2.5786 UnderlyingLienSeniority**

Indicates the seniority level of the lien in a loan.

Type: **int**

Allowed values in LienSeniorityCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	Unknown	Unknown
1	FirstLien	First lien

---

---

Code	Name	Description
2	SecondLien	Second lien
3	ThirdLien	Third lien

---

Used in components: [UnderlyingInstrument](#)

### **170.2.5787 UnderlyingLimitedRightToConfirmIndicator**

Indicates whether the Seller may request the Buyer to confirm its intent to exercise if not done on or before the expiration time on the Expiration date. If true ("Y") specific rules will apply in relation to the settlement mode.

Type: [Boolean](#)

Used in components: [UnderlyingOptionExercise](#)

### **170.2.5788 UnderlyingListMethod**

Indicates whether the instruments are pre-listed only or can also be defined via user request.

Type: [int](#)

Allowed values in ListMethodCodeSet:

---

Code	Name	Description
0	PreListedOnly	pre-listed only
1	UserRequested	user requested

---

Used in components: [UnderlyingInstrument](#)

### **170.2.5789 UnderlyingLoanFacility**

Specifies the type of loan when the credit default swap's reference obligation is a loan.

Type: [int](#)

Allowed values in LoanFacilityCodeSet:

Code	Name	Description
0	BridgeLoan	Bridge loan
1	LetterOfCredit	Letter of credit
2	RevolvingLoan	Revolving loan
3	SwinglineFunding	Swingline funding
4	TermLoan	Term loan
5	TradeClaim	Trade claim

Used in components: [UnderlyingInstrument](#)

### **170.2.5790 UnderlyingLocaleOfIssue**

Underlying security's LocaleOfIssue.

See LocaleOfIssue (472) field for description

Type: [String](#)

Used in components: [UnderlyingInstrument](#)

### **170.2.5791 UnderlyingMakeWholeAmount**

Amount to be paid by the buyer of the option if the option is exercised prior to the UnderlyingMakeWholeDate(42888).

Type: [Amt](#)

Used in components: [UnderlyingOptionExerciseMakeWholeProvision](#)

### **170.2.5792 UnderlyingMakeWholeBenchmarkCurveName**

Identifies the benchmark floating rate index.

Type: [String](#)

Used in components: [UnderlyingOptionExerciseMakeWholeProvision](#)

**170.2.5793 UnderlyingMakeWholeBenchmarkCurvePoint**

The point on the floating rate index curve.

Sample values:

M = combination of a number between 1-12 and an "M" for month, e.g. 3M

Y = combination of number between 1-100 and a "Y" for year, e.g. 10Y

10Y-OLD = see above, then add "-OLD" when appropriate

INTERPOLATED = the point is mathematically derived

2/2031 5 3/8 = the point is stated via a combination of maturity month / year and coupon.

Type: **String**

Used in components: **UnderlyingOptionExerciseMakeWholeProvision**

**170.2.5794 UnderlyingMakeWholeBenchmarkQuote**

The quote side of the benchmark to be used for calculating the "make whole" amount.

Type: **int**

Allowed values in StrikeIndexQuoteCodeSet:

---

Code	Name	Description
0	Bid	Bid.
1	Mid	Mid
2	Offer	Offer

---

Used in components: **UnderlyingOptionExerciseMakeWholeProvision**

**170.2.5795 UnderlyingMakeWholeDate**

The date through which the option cannot be exercised without penalty.

Type: **LocalMktDate**

Used in components: **UnderlyingOptionExerciseMakeWholeProvision**

**170.2.5796 UnderlyingMakeWholeInterpolationMethod**

The method used when calculating the "make whole" amount. The most common is linear method.

Type: **int**

Allowed values in PaymentStreamInflationInterpolationMethodCodeSet:

Code	Name	Description
0	None	None
1	LinearZeroYield	Linear zero yield

Used in components: **UnderlyingOptionExerciseMakeWholeProvision**

**170.2.5797 UnderlyingMakeWholeRecallSpread**

Spread over the floating rate index.

Type: **PriceOffset**

Used in components: **UnderlyingOptionExerciseMakeWholeProvision**

**170.2.5798 UnderlyingManualNoticeBusinessCenter**

Identifies the business center used for adjusting the time for manual exercise notice.

See <http://www.fpml.org/coding-scheme/business-center> for standard 4-character code values.

Type: **String**

Used in components: **UnderlyingOptionExercise**

**170.2.5799 UnderlyingMarketDisruption**

The UnderlyingMarketDisruption component is a subcomponent of the UnderlyingInstrument used to specify the market disruption provisions of the swap.

Name	Mult.	Type	Description
<b>UnderlyingMarketDisruptionProvision</b>	[0..1]	CodeSet	
<b>UnderlyingMarketDisruptionEventGrp</b>	[0..*]	Group	

Name	Mult.	Type	Description
UnderlyingMarketDisruptionFallback-Provision	[0..1]	CodeSet	
UnderlyingMarketDisruptionFallback-Grp	[0..*]	Group	
UnderlyingMarketDisruptionFallback-ReferencePriceGrp	[0..*]	Group	
UnderlyingMarketDisruptionMaximumDays	[0..1]	int	
UnderlyingMarketDisruptionMaterialityPercentage	[0..1]	Percentage	If specified, the disruption event should be specified in UnderlyingMarketDisruptionEventGrp.
UnderlyingMarketDisruptionMinimum-FuturesContracts	[0..1]	int	Applicable only when UnderlyingMarketDisruptionEvent(41865)='DeMinimisTrading'.

Used in components: [UnderlyingInstrument](#)

### 170.2.5800 UnderlyingMarketDisruptionEvent

Specifies the market disruption event.

For commodities see <http://www.fpml.org/coding-scheme/commodity-market-disruption> for values.

For foreign exchange, see [http://www.fixtradingcommunity.org/codelists#Market\\_Disruption\\_Event](http://www.fixtradingcommunity.org/codelists#Market_Disruption_Event) for code list of applicable event types.

Type: [String](#)

Used in groups: [UnderlyingMarketDisruptionEventGrp](#)

### 170.2.5801 UnderlyingMarketDisruptionEventGrp

The UnderlyingMarketDisruptionEventGrp is a repeating subcomponent of the UnderlyingMarketDisruption component used to specify the market disruption events.

Name	Mult.	Type	Description
NoUnderlyingMarketDisruptionEvents	[1..1]	NumInGroup	
UnderlyingMarketDisruptionEvent	[0..1]	String	Required if NoUnderlyingMarketDisruptionEvents(41864) > 0.

Name	Mult.	Type	Description
<a href="#">UnderlyingMarketDisruptionValue</a>	[0..1]	String	

Used in components: [UnderlyingMarketDisruption](#)

### 170.2.5802 UnderlyingMarketDisruptionFallbackBasketCurrency

Specifies the currency if the underlier is a basket. Uses ISO 4217 currency codes.

Type: [Currency](#)

Used in groups: [UnderlyingMarketDisruptionFallbackReferencePriceGrp](#)

### 170.2.5803 UnderlyingMarketDisruptionFallbackBasketDivisor

Specifies the basket divisor amount. This value is normally used to adjust the constituent weight for pricing or to adjust for dividends, or other corporate actions.

Type: [float](#)

Used in groups: [UnderlyingMarketDisruptionFallbackReferencePriceGrp](#)

### 170.2.5804 UnderlyingMarketDisruptionFallbackGrp

The UnderlyingMarketDisruptionFallbackGrp is a repeating subcomponent of the UnderlyingMarketDisruption component used to specify the market disruption fallback provisions.

Name	Mult.	Type	Description
<a href="#">NoUnderlyingMarketDisruptionFallbacks</a>	[1..1]	NumInGroup	
<a href="#">UnderlyingMarketDisruptionFallbackType</a>	[0..1]	String	Required if <a href="#">NoUnderlyingMarketDisruptionFallbacks(41866)</a> > 0. The sequence of entries specifies the order in which the fallback provisions should be applied.
<a href="#">UnderlyingMarketDisruptionFallbackValue</a>	[0..1]	String	

Used in components: [UnderlyingMarketDisruption](#)

### 170.2.5805 UnderlyingMarketDisruptionFallbackOpenUnits

If there are multiple underlying assets, this specifies the number of units (index or securities) that constitute the underlier of the swap. In the case of a basket swap, this is used to reference both the number of basket units, and the number of each asset components of the basket when these are expressed in absolute terms.

Type: [Qty](#)

Used in groups: [UnderlyingMarketDisruptionFallbackReferencePriceGrp](#)

### 170.2.5806 UnderlyingMarketDisruptionFallbackProvision

Specifies the location of the fallback provision documentation.

Type: [int](#)

Allowed values in MarketDisruptionFallbackProvisionCodeSet:

Code	Name	Description
0	MasterAgreement	As specified in master agreement
1	Confirmation	As specified in confirmation

Used in components: [UnderlyingMarketDisruption](#)

### 170.2.5807 UnderlyingMarketDisruptionFallbackReferencePriceGrp

The UnderlyingMarketDisruptionFallbackReferencePriceGrp is a repeating subcomponent of the UnderlyingMarketDisruption component used to specify the fallback reference price and underlying security provisions

Name	Mult.	Type	Description
<a href="#">NoUnderlyingMarketDisruptionFallbackReferencePrices</a>	[1..1]	NumInGroup	
<a href="#">UnderlyingMarketDisruptionFallbackUnderlierType</a>	[0..1]	CodeSet	Required if <a href="#">NoUnderlyingMarketDisruptionFallbackReferencePrices</a> (41868) > 0.
<a href="#">UnderlyingMarketDisruptionFallbackUnderlierSecurityID</a>	[0..1]	String	Conditionally required when <a href="#">UnderlyingMarketDisruptionFallbackUnderlierSecurityIDSource</a> (41871) is specified.



Name	Mult.	Type	Description
UnderlyingMarketDisruptionFallback-UnderlierSecurityIDSource	[0..1]	CodeSet	Conditionally required when UnderlyingMarketDisruptionFallbackUnderlierSecurityID(41870) is specified.
UnderlyingMarketDisruptionFallback-UnderlierSecurityDesc	[0..1]	String	
EncodedUnderlyingMarketDisruptionFallbackUnderlierSecDescLen	[0..1]	Length	Must be set if EncodedUnderlyingMarketDisruptionFallbackUnderlierSecurityDesc(41874) field is specified and must immediately precede it.
EncodedUnderlyingMarketDisruptionFallbackUnderlierSecurityDesc	[0..1]	data	Encoded (non-ASCII characters) representation of the UnderlyingMarketDisruptionFallbackUnderlierSecurityDesc(41872) field in the encoded format specified via the MessageEncoding(347) field.
UnderlyingMarketDisruptionFallback-OpenUnits	[0..1]	Qty	
UnderlyingMarketDisruptionFallback-BasketCurrency	[0..1]	Currency	
UnderlyingMarketDisruptionFallback-BasketDivisor	[0..1]	float	

Used in components: [UnderlyingMarketDisruption](#)

### 170.2.5808 UnderlyingMarketDisruptionFallbackType

Specifies the type of disruption fallback.

See <http://www.fpml.org/coding-scheme/commodity-market-disruption-fallback> for values.

Type: [String](#)

Used in groups: [UnderlyingMarketDisruptionFallbackGrp](#)

### 170.2.5809 UnderlyingMarketDisruptionFallbackUnderlierSecurityDesc

Specifies the description of underlying security.

Type: [String](#)

Used in groups: [UnderlyingMarketDisruptionFallbackReferencePriceGrp](#)

**170.2.5810 UnderlyingMarketDisruptionFallbackUnderlierSecurityID**

Specifies the identifier value of the security.

Type: **String**

Used in groups: **UnderlyingMarketDisruptionFallbackReferencePriceGrp**

**170.2.5811 UnderlyingMarketDisruptionFallbackUnderlierSecurityIDSource**

Specifies the class or source scheme of the security identifier.

Type: **String**

Allowed values in SecurityIDSourceCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
1	CUSIP	CUSIP
2	SEDOL	SEDOL
3	QUIK	QUIK
4	ISINNumber	ISIN
5	RICCode	RIC
6	ISOCurrencyCode	ISO Currency Code (ISO 4217)
7	ISOCountryCode	ISO Country Code
8	ExchangeSymbol	Exchange symbol
9	ConsolidatedTapeAssociation	Consolidated Tape Association (CTA) Symbol (SIAC CTS/CQS line format)
A	BloombergSymbol	Bloomberg Symbol
B	Wertpapier	Wertpapier
C	Dutch	Dutch
D	Valoren	Valoren
E	Sicovam	Sicovam
F	Belgian	Belgian
G	Common	"Common" (Clearstream and Euroclear)
H	ClearingHouse	Clearing house / Clearing organization
I	ISDAFpMLSpecification	ISDA/FpML product specification (XML in SecurityXML(1185))
J	OptionPriceReportingAuthority	Option Price Reporting Authority
K	ISDAFpMLURL	ISDA/FpML product URL (URL in SecurityID(48))
L	LetterOfCredit	Letter of credit

---

Code	Name	Description
M	MarketplaceAssignedIdentifier	Marketplace-assigned Identifier
N	MarkitREDEntityCLIP	Markit RED entity CLIP
P	MarkitREDPairCLIP	Markit RED pair CLIP
Q	CFTCCommodityCode	CFTC commodity code
R	ISDACommodityReferencePrice	ISDA Commodity Reference Price
S	FinancialInstrumentGlobalIdentifier	Financial Instrument Global Identifier. An Object Management Group (OMG) standard. Also referred to as FIGI. Formerly known as "Bloomberg Open Symbology BBGID".
T	LegalEntityIdentifier	Legal entity identifier
U	Synthetic	Synthetic. Used to specify that the security identifier is synthetic for linking nested underliers when there is no market identifier for the collection.
V	FidessaInstrumentMnemonic	Fidessa Instrument Mnemonic (FIM)
W	IndexName	Index name. Standard name of the index or rate index, e.g. "LIBOR" or "iTraxx Australia".
X	UniformSymbol	Uniform Symbol (UMTF Symbol)
Y	DigitalTokenIdentifier	Digital Token Identifier (ISO 24165)

Used in groups: [UnderlyingMarketDisruptionFallbackReferencePriceGrp](#)

### 170.2.5812 UnderlyingMarketDisruptionFallbackUnderlierType

The type of reference price underlier.

Type: [int](#)

Allowed values in MarketDisruptionFallbackUnderlierTypeCodeSet:

Code	Name	Description
0	Basket	Basket
1	Bond	Bond
2	Cash	Cash
3	Commodity	Commodity
4	ConvertibleBond	Convertible bond
5	Equity	Equity
6	ExchangeTradedFund	Exchange traded fund

---

Code	Name	Description
7	Future	Future
8	Index	Index
9	Loan	Loan
10	Mortgage	Mortgage
11	MutualFund	Mutual fund

---

Used in groups: [UnderlyingMarketDisruptionFallbackReferencePriceGrp](#)

### **170.2.5813 UnderlyingMarketDisruptionFallbackValue**

Applicable value for UnderlyingMarketDisruptionFallbackType(41867).

Type: [String](#)

Used in groups: [UnderlyingMarketDisruptionFallbackGrp](#)

### **170.2.5814 UnderlyingMarketDisruptionMaterialityPercentage**

Used when a price materiality percentage applies to the price source disruption event and this event has been specified.

Type: [Percentage](#)

Used in components: [UnderlyingMarketDisruption](#)

### **170.2.5815 UnderlyingMarketDisruptionMaximumDays**

Specifies the maximum number of market disruption days (commodity or bullion business days) in a contract or confirmation. If none are specified, the maximum number of market disruption days is five (5).

Type: [int](#)

Used in components: [UnderlyingMarketDisruption](#)

### **170.2.5816 UnderlyingMarketDisruptionMinimumFuturesContracts**

Specifies the minimum futures contracts level that dictates whether or not a 'De Minimis Trading' event has occurred.

Type: **int**

Used in components: **UnderlyingMarketDisruption**

### **170.2.5817 UnderlyingMarketDisruptionProvision**

The consequences of market disruption events.

Type: **int**

Allowed values in MarketDisruptionProvisionCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	NotApplicable	Not applicable
1	Applicable	Applicable
2	AsInMasterAgreement	As specified in master agreement
3	AsInConfirmation	As specified in confirmation

---

Used in components: **UnderlyingMarketDisruption**

### **170.2.5818 UnderlyingMarketDisruptionValue**

Applicable value for UnderlyingMarketDisruptionEvent(41865).

Type: **String**

Used in groups: **UnderlyingMarketDisruptionEventGrp**

### **170.2.5819 UnderlyingMaterialDividendsIndicator**

Indicates whether material non-cash dividends are applicable.

Type: **Boolean**

Used in components: **UnderlyingDividendConditions**

### **170.2.5820 UnderlyingMaturityDate**

Underlying security's maturity date.

See MaturityDate (541) field for description

Type: [LocalMktDate](#)

Used in components: [UnderlyingInstrument](#)

### 170.2.5821 UnderlyingMaturityFrequencyPeriod

Time unit multiplier for the minimum frequency of the instrument maturity intervals.

Type: [int](#)

Used in components: [UnderlyingInstrument](#)

### 170.2.5822 UnderlyingMaturityFrequencyUnit

Time unit associated with the minimum frequency of the instrument maturity intervals.

Type: [String](#)

Allowed values in TimeUnitCodeSet:

Code	Name	Description
H	Hour	Hour
Min	Minute	Minute
S	Second	Second
D	Day	Day
Wk	Week	Week
Mo	Month	Month
Yr	Year	Year
Q	Quarter	Quarter
EOM	EndOfMonth	End of Month. End of Month identifies a relative time unit, e.g. until the third Friday of each month.
F	Flexible	Flexible. A flexible time unit indicates that a specific time unit for the contract is currently undetermined.

Used in components: [UnderlyingInstrument](#)

### 170.2.5823 UnderlyingMaturityMonthYear

Underlying security's MaturityMonthYear. Can be used with standardized derivatives vs. the UnderlyingMaturityDate (542) field.

See MaturityMonthYear (200) field for description

Type: **MonthYear**

Used in components: **UnderlyingInstrument**

#### **170.2.5824 UnderlyingMaturityTime**

Time of security's maturity expressed in local time with offset to UTC specified

Type: **TZTimeOnly**

Used in components: **UnderlyingInstrument**

#### **170.2.5825 UnderlyingMinPriceIncrement**

Minimum price increment for the instrument. Could also be used to represent tick value.

Type: **float**

Used in components: **UnderlyingInstrument**

#### **170.2.5826 UnderlyingMinPriceIncrementAmount**

Minimum price increment amount associated with the UnderlyingMinPriceIncrement(2026). For listed derivatives, the value can be calculated by multiplying UnderlyingMinPriceIncrement(2026) by UnderlyingContractMultiplier(436).

Type: **Amt**

Used in components: **UnderlyingInstrument**

#### **170.2.5827 UnderlyingMthToDefault**

The Mth reference obligation to default in a CDS reference basket. When UnderlyingNthToDefault(2017) and UnderlyingMthToDefault(2018) are represented then the CDS payout occurs between the Nth and Mth obligations to default.

Type: **int**

Used in components: **UnderlyingInstrument**

**170.2.5828 UnderlyingNonCashDividendTreatment**

Defines the treatment of non-cash dividends.

Type: **int**

Allowed values in NonCashDividendTreatmentCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	PotentialAdjustment	Potential adjustment event. The treatment of any non-cash dividend shall be determined in accordance with the potential adjustment event provisions.
1	CashEquivalent	Cash equivalent. Any non-cash dividend shall be treated as a declared cash equivalent dividend.

---

Used in components: **UnderlyingDividendConditions**

**170.2.5829 UnderlyingNonDeliverableFixingDate**

The non-deliverable fixing date unadjusted or adjusted depending on UnderlyingNonDeliverableFixingDateType(40658).

Type: **LocalMktDate**

Used in groups: **UnderlyingPaymentStreamNonDeliverableFixingDateGrp**

**170.2.5830 UnderlyingNonDeliverableFixingDateType**

Specifies the type of date (e.g. adjusted for holidays).

Type: **int**

Allowed values in NonDeliverableFixingDateTypeCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	Unadjusted	Unadjusted
1	Adjusted	Adjusted

---

Used in groups: **UnderlyingPaymentStreamNonDeliverableFixingDateGrp**



**170.2.5831 UnderlyingNotional**

Notional value for the equity or bond underlier.

Type: **Amt**

Used in components: **UnderlyingInstrument**

**170.2.5832 UnderlyingNotionalAdjustments**

Specifies the conditions that govern the adjustment to the number of units of the return swap.

Type: **int**

Allowed values in UnderlyingNotionalAdjustmentsCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	Execution	Execution. The adjustments to the number of units are governed by an execution clause.
1	PortfolioRebalancing	Portfolio rebalancing. The adjustments to the number of units are governed by a portfolio rebalancing clause.
2	Standard	Standrd. The adjustments to the number of units are not governed by any specific clause.

---

Used in components: **UnderlyingInstrument**

**170.2.5833 UnderlyingNotionalCurrency**

Specifies the currency denomination of the notional value.

UnderlyingNotionalCurrencyCodeSource(2921) may be used to disambiguate the code source scheme used, and ISO 4217 is the default scheme if absent.

Type: **Currency**

Used in components: **UnderlyingInstrument**

**170.2.5834 UnderlyingNotionalCurrencyCodeSource**

Identifies class or source of the UnderlyingNotionalCurrency(2615) value.

Type: **String**

Allowed values in CurrencyCodeSourceCodeSet:

Code	Name	Description
1	CUSIP	CUSIP
2	SEDOL	SEDOL
4	ISINNumber	ISIN
6	ISOCurrencyCode	ISO Currency Code (ISO 4217)
S	FinancialInstrumentGlobalIdentifier	Financial Instrument Global Identifier. An Object Management Group (OMG) standard. Also referred to as FIGI. Formerly known as "Bloomberg Open Symbology BBGID".
Y	DigitalTokenIdentifier	Digital Token Identifier (ISO 24165)

Used in components: [UnderlyingInstrument](#)

#### **170.2.5835 UnderlyingNotionalDeterminationMethod**

Specifies the method of determining the notional amount.

See: <http://www.fpml.org/coding-scheme/determination-method> for values.

Type: [String](#)

Used in components: [UnderlyingInstrument](#)

#### **170.2.5836 UnderlyingNotionalPercentageOutstanding**

See [NotionalPercentageOutstanding\(1451\)](#)

Type: [Percentage](#)

Used in components: [UnderlyingInstrument](#)

#### **170.2.5837 UnderlyingNotionalXIDRef**

Cross reference to another notional amount for duplicating its properties.

Type: [XIDREF](#)

Used in components: [UnderlyingInstrument](#)

**170.2.5838 UnderlyingNthToDefault**

The Nth reference obligation to default in a CDS reference basket. If specified without UnderlyingMthToDefault(2018) the default will trigger a CDS payout. If UnderlyingMthToDefault(2018) is also present then payout occurs between the Nth and Mth obligations to default.

Type: **int**

Used in components: **UnderlyingInstrument**

**170.2.5839 UnderlyingNTPositionLimit**

Position Limit in the near-term contract for a given exchange-traded product.

Type: **int**

Used in components: **UnderlyingInstrument**

**170.2.5840 UnderlyingNumDaysInterest**

Number of days of interest for underlying security.

Type: **int**

Used in components: **UnderlyingInstrument**

**170.2.5841 UnderlyingObligationID**

For a CDS basket or pool identifies the reference obligation.

Type: **String**

Used in components: **UnderlyingInstrument**

**170.2.5842 UnderlyingObligationIDSource**

Identifies the source scheme of the UnderlyingObligationID(1994).

Type: **String**

Allowed values in SecurityIDSourceCodeSet:

<b>Code</b>	<b>Name</b>	<b>Description</b>
1	CUSIP	CUSIP
2	SEDOL	SEDOL
3	QUIK	QUIK
4	ISINNumber	ISIN
5	RICCode	RIC
6	ISOCurrencyCode	ISO Currency Code (ISO 4217)
7	ISOCountryCode	ISO Country Code
8	ExchangeSymbol	Exchange symbol
9	ConsolidatedTapeAssociation	Consolidated Tape Association (CTA) Symbol (SIAC CTS/CQS line format)
A	BloombergSymbol	Bloomberg Symbol
B	Wertpapier	Wertpapier
C	Dutch	Dutch
D	Valoren	Valoren
E	Sicovam	Sicovam
F	Belgian	Belgian
G	Common	"Common" (Clearstream and Euroclear)
H	ClearingHouse	Clearing house / Clearing organization
I	ISDAFpMLSpecification	ISDA/FpML product specification (XML in SecurityXML(1185))
J	OptionPriceReportingAuthority	Option Price Reporting Authority
K	ISDAFpMLURL	ISDA/FpML product URL (URL in SecurityID(48))
L	LetterOfCredit	Letter of credit
M	MarketplaceAssignedIdentifier	Marketplace-assigned Identifier
N	MarkitREDEntityCLIP	Markit RED entity CLIP
P	MarkitREDPairCLIP	Markit RED pair CLIP
Q	CFTCCommodityCode	CFTC commodity code
R	ISDACommodityReferencePrice	ISDA Commodity Reference Price
S	FinancialInstrumentGlobalIdentifier	Financial Instrument Global Identifier. An Object Management Group (OMG) standard. Also referred to as FIGI. Formerly known as "Bloomberg Open Symbology BBGID".
T	LegalEntityIdentifier	Legal entity identifier
U	Synthetic	Synthetic. Used to specify that the security identifier is synthetic for linking nested underliers when there is no market identifier for the collection.
V	FidessaInstrumentMnemonic	Fidessa Instrument Mnemonic (FIM)

---

Code	Name	Description
W	IndexName	Index name. Standard name of the index or rate index, e.g. "LIBOR" or "iTraxx Australia".
X	UniformSymbol	Uniform Symbol (UMTF Symbol)
Y	DigitalTokenIdentifier	Digital Token Identifier (ISO 24165)

---

Used in components: [UnderlyingInstrument](#)

### 170.2.5843 UnderlyingObligationType

Type of reference obligation for credit derivatives contracts.

Type: [String](#)

Allowed values in UnderlyingObligationTypeCodeSet:

---

Code	Name	Description
0	Bond	Bond
1	ConvertibleBond	Convertible bond
2	Mortgage	Mortgage
3	Loan	Loan

---

Used in components: [UnderlyingInstrument](#)

### 170.2.5844 UnderlyingOpenUnits

The number of units (units of the index or number of securities, par amount of a bond) that constitute the underlier. In the case of a basket swap, this is used to reference both the number of basket units, and the number of each asset components of the basket when these are expressed in absolute terms.

Type: [Qty](#)

Used in components: [UnderlyingInstrument](#)

### 170.2.5845 UnderlyingOptAttribute

Underlying security's OptAttribute.

See OptAttribute (206) field for description

Type: **char**

Used in components: **UnderlyingInstrument**

### **170.2.5846 UnderlyingOptionExerciseBusinessCenter**

The business center calendar used to adjust the option exercise dates, e.g. "GBLO".

See <http://www.fpml.org/coding-scheme/business-center> for standard 4-character code values.

Type: **String**

Used in groups: **UnderlyingOptionExerciseBusinessCenterGrp**

### **170.2.5847 UnderlyingOptionExerciseBusinessCenterGrp**

UnderlyingOptionExerciseBusinessCenterGrp is a repeating subcomponent of the UnderlyingOptionExerciseDates component used to specify the set of business centers whose calendars drive date adjustment. Used only to override the business centers defined in the UnderlyingDateAdjustment component in UnderlyingInstrument.

---

<b>Name</b>	<b>Mult.</b>	<b>Type</b>	<b>Description</b>
<b>NoUnderlyingOptionExerciseBusinessCenters</b>	[1..1]	NumInGroup	
<b>UnderlyingOptionExerciseBusinessCenter</b>	[0..1]	String	Required if NoUnderlyingOptionExerciseBusinessCenters(41820) > 0.

---

Used in components: **UnderlyingOptionExerciseDates**

### **170.2.5848 UnderlyingOptionExerciseBusinessDayConvention**

The business day convention used to adjust the option exercise dates. Used only to override the business day convention specified in the UnderlyingDateAdjustment component within the UnderlyingInstrument component.

Type: **int**

Allowed values in BusinessDayConventionCodeSet:

Code	Name	Description
0	NotApplicable	Not applicable. Business day convention is not applicable.
1	None	None (current day)
2	FollowingDay	Following day. The following business day.
3	FloatingRateNote	Floating rate note. The FRN business day convention.
4	ModifiedFollowingDay	Modified following day. The modified following business day.
5	PrecedingDay	Preceding day. The preceding business day.
6	ModifiedPrecedingDay	Modified preceding day. The modified preceding business day.
7	NearestDay	Nearest day. The nearest applicable business day.

Used in components: [UnderlyingOptionExerciseDates](#)

### 170.2.5849 UnderlyingOptionExercise

The UnderlyingOptionExercise component is a subcomponent of the UnderlyingInstrument component used to specify option exercise provisions. Its purpose is to identify the opportunities and conditions for exercise, e.g. the schedule of dates on which exercise is allowed. The embedded UnderlyingOptionExerciseExpiration component is used to terminate the opportunity for exercise.

Name	Mult.	Type	Description
<a href="#">UnderlyingExerciseDesc</a>	[0..1]	String	
<a href="#">EncodedUnderlyingExerciseDescLen</a>	[0..1]	Length	Must be set if <a href="#">EncodedUnderlyingExerciseDesc(41812)</a> field is specified and must immediately precede it.
<a href="#">EncodedUnderlyingExerciseDesc</a>	[0..1]	data	Encoded (non-ASCII characters) representation of the <a href="#">UnderlyingExerciseDesc(41810)</a> field in the encoded format specified via the <a href="#">MessageEncoding(347)</a> field.
<a href="#">UnderlyingAutomaticExerciseIndicator</a>	[0..1]	Boolean	
<a href="#">UnderlyingAutomaticExerciseThresholdRate</a>	[0..1]	float	
<a href="#">UnderlyingExerciseConfirmationMethod</a>	[0..1]	CodeSet	
<a href="#">UnderlyingManualNoticeBusinessCenter</a>	[0..1]	String	
<a href="#">UnderlyingFallbackExerciseIndicator</a>	[0..1]	Boolean	

Name	Mult.	Type	Description
UnderlyingLimitedRightToConfirmIndicator	[0..1]	Boolean	
UnderlyingExerciseSplitTicketIndicator	[0..1]	Boolean	
UnderlyingSettlMethodElectingPartySide	[0..1]	CodeSet	
UnderlyingSettlMethodElectionDate	[0..1]	Component	
UnderlyingOptionExerciseDates	[0..1]	Component	
UnderlyingOptionExerciseExpiration	[0..1]	Component	
UnderlyingOptionExerciseMakeWholeProvision	[0..1]	Component	

Used in components: [UnderlyingInstrument](#)

### 170.2.5850 UnderlyingOptionExerciseDate

The adjusted or unadjusted option exercise fixed date.

Type: [LocalMktDate](#)

Used in groups: [UnderlyingOptionExerciseDateGrp](#)

### 170.2.5851 UnderlyingOptionExerciseDateGrp

The UnderlyingOptionExerciseDateGrp is a repeating subcomponent of the UnderlyingOptionExerciseDates component used to specify fixed dates for exercise.

Name	Mult.	Type	Description
NoUnderlyingOptionExerciseDates	[1..1]	NumInGroup	
UnderlyingOptionExerciseDate	[0..1]	LocalMktDate	Required if NoUnderlyingOptionExerciseDates(41841) > 0.
UnderlyingOptionExerciseDateType	[0..1]	CodeSet	When specified it applies not only to the current date but to all subsequent dates in the group until overridden with a new type.

Used in components: [UnderlyingOptionExerciseDates](#)



## 170.2.5852 UnderlyingOptionExerciseDates

The UnderlyingOptionExerciseDate component is a subcomponent of the UnderlyingOptionExercise component used to specify option exercise dates.

Name	Mult.	Type	Description
UnderlyingOptionExerciseBusiness-DayConvention	[0..1]	CodeSet	When specified, this overrides the business day convention defined in the UnderlyingDateAdjustment component in UnderlyingInstrument. The specified value would be specific to the underlying exercise dates.
UnderlyingOptionExerciseBusiness-CenterGrp	[0..*]	Group	When specified, this overrides the business centers defined in the UnderlyingDateAdjustment component in UnderlyingInstrument. The specified values would be specific to the underlying option exercise dates.
UnderlyingOptionExerciseDateGrp	[0..*]	Group	
UnderlyingOptionExerciseEarliestDate-OffsetDayType	[0..1]	CodeSet	
UnderlyingOptionExerciseEarliestDate-OffsetPeriod	[0..1]	int	Conditionally required when UnderlyingOptionExerciseEarliestDateUnit(41825) is specified.
UnderlyingOptionExerciseEarliestDate-OffsetUnit	[0..1]	CodeSet	Conditionally required when UnderlyingOptionExerciseEarliestDatePeriod(41824) is specified.
UnderlyingOptionExerciseFrequencyPeriod	[0..1]	int	Conditionally required when UnderlyingOptionExerciseFrequencyUnit(41827) is specified.
UnderlyingOptionExerciseFrequencyUnit	[0..1]	CodeSet	Conditionally required when UnderlyingOptionExerciseFrequencyPeriod(41826) is specified.
UnderlyingOptionExerciseStartDateUnadjusted	[0..1]	LocalMktDate	
UnderlyingOptionExerciseStartDateRelativeTo	[0..1]	int	
UnderlyingOptionExerciseStartDate-OffsetPeriod	[0..1]	int	Conditionally required when UnderlyingOptionExerciseStartDateOffsetUnit(41831) is specified.
UnderlyingOptionExerciseStartDate-OffsetUnit	[0..1]	CodeSet	Conditionally required when UnderlyingOptionExerciseStartDateOffsetPeriod(41830) is specified.
UnderlyingOptionExerciseStartDate-OffsetDayType	[0..1]	CodeSet	
UnderlyingOptionExerciseStartDateAdjusted	[0..1]	LocalMktDate	
UnderlyingOptionExerciseSkip	[0..1]	int	

Name	Mult.	Type	Description
UnderlyingOptionExerciseNomination-Deadline	[0..1]	LocalMktDate	
UnderlyingOptionExerciseFirstDateUnadjusted	[0..1]	LocalMktDate	
UnderlyingOptionExerciseLastDateUnadjusted	[0..1]	LocalMktDate	
UnderlyingOptionExerciseEarliestTime	[0..1]	LocalMktTime	
UnderlyingOptionExerciseLatestTime	[0..1]	LocalMktTime	
UnderlyingOptionExerciseTimeBusinessCenter	[0..1]	String	

Used in components: [UnderlyingOptionExercise](#)

### 170.2.5853 UnderlyingOptionExerciseDateType

Specifies the type of option exercise date. When specified it applies not only to the current date but to all subsequent dates in the group until overridden with a new type.

Type: [int](#)

Allowed values in OptionExerciseDateTypeCodeSet:

Code	Name	Description
0	Unadjusted	Unadjusted
1	Adjusted	Adjusted

Used in groups: [UnderlyingOptionExerciseDateGrp](#)

### 170.2.5854 UnderlyingOptionExerciseEarliestDateOffsetDayType

Specifies the day type of the relative earliest exercise date offset.

Type: [int](#)

Allowed values in ComplexEventDateOffsetDayTypeCodeSet:

Code	Name	Description
0	Business	Business
1	Calendar	Calendar
2	CommodityBusiness	Commodity business
3	CurrencyBusiness	Currency business
4	ExchangeBusiness	Exchange business
5	ScheduledTradingDay	Scheduled trading day

Used in components: [UnderlyingOptionExerciseDates](#)

### 170.2.5855 UnderlyingOptionExerciseEarliestDateOffsetPeriod

Time unit multiplier for the relative earliest exercise date offset.

Type: [int](#)

Used in components: [UnderlyingOptionExerciseDates](#)

### 170.2.5856 UnderlyingOptionExerciseEarliestDateOffsetUnit

Time unit associated with the relative earliest exercise date offset.

Type: [String](#)

Allowed values in ProvisionOptionExerciseEarliestDateOffsetUnitCodeSet:

Code	Name	Description
D	Day	Day
Wk	Week	Week
Mo	Month	Month
Yr	Year	Year

Used in components: [UnderlyingOptionExerciseDates](#)

### 170.2.5857 UnderlyingOptionExerciseEarliestTime

The earliest time at which notice of exercise can be given by the buyer to the seller (or seller's agent) (i) on the expiration date, in the case of a European style option, (ii) on each Bermuda option exercise

date and the expiration date, in the case of a Bermuda style option, (iii) the commencement date to, and including, the expiration date, in the case of an American option.

Type: **LocalMktTime**

Used in components: **UnderlyingOptionExerciseDates**

### 170.2.5858 UnderlyingOptionExerciseExpiration

The UnderlyingOptionExerciseExpiration component is a subcomponent of the UnderlyingOptionExercise component used to specify option exercise expiration dates and times. The purpose of UnderlyingOptionExercise is to identify the scheduled opportunities for exercise. UnderlyingOptionExerciseExpiration identifies the end of the schedule.

Name	Mult.	Type	Description
<b>UnderlyingOptionExerciseExpirationDateBusinessDayConvention</b>	[0..1]	CodeSet	When specified, this overrides the business day convention defined in the UnderlyingDateAdjustment component in UnderlyingInstrument. The specified value would be specific to the underlying exercise expiration dates.
<b>UnderlyingOptionExerciseExpirationDateBusinessCenterGrp</b>	[0..*]	Group	When specified, this overrides the business centers defined in the UnderlyingDateAdjustment component in UnderlyingInstrument. The specified values would be specific to the underlying option exercise expiration dates.
<b>UnderlyingOptionExerciseExpirationDateGrp</b>	[0..*]	Group	
<b>UnderlyingOptionExerciseExpirationDateRelativeTo</b>	[0..1]	int	
<b>UnderlyingOptionExerciseExpirationDateOffsetPeriod</b>	[0..1]	int	Conditionally required when UnderlyingOptionExerciseExpirationDateOffsetUnit(41849) is specified.
<b>UnderlyingOptionExerciseExpirationDateOffsetUnit</b>	[0..1]	CodeSet	Conditionally required when UnderlyingOptionExerciseExpirationDateOffsetPeriod(41848) is specified.
<b>UnderlyingOptionExerciseExpirationFrequencyPeriod</b>	[0..1]	int	Conditionally required when UnderlyingOptionExerciseExpirationFrequencyUnit(41851) is specified.
<b>UnderlyingOptionExerciseExpirationFrequencyUnit</b>	[0..1]	CodeSet	Conditionally required when UnderlyingOptionExerciseExpirationFrequencyPeriod(41850) is specified.

Name	Mult.	Type	Description
<a href="#">UnderlyingOptionExerciseExpirationRollConvention</a>	[0..1]	CodeSet	When specified, this overrides the date roll convention defined in the UnderlyingDateAdjustment component in UnderlyingInstrument. The specified values would be specific to this instance of the option exercise dates.
<a href="#">UnderlyingOptionExerciseExpirationDateOffsetDayType</a>	[0..1]	CodeSet	
<a href="#">UnderlyingOptionExerciseExpirationTime</a>	[0..1]	LocalMktTime	
<a href="#">UnderlyingOptionExerciseExpirationTimeBusinessCenter</a>	[0..1]	String	

Used in components: [UnderlyingOptionExercise](#)

### 170.2.5859 UnderlyingOptionExerciseExpirationDate

The adjusted or unadjusted option exercise expiration fixed date.

Type: [LocalMktDate](#)

Used in groups: [UnderlyingOptionExerciseExpirationDateGrp](#)

### 170.2.5860 UnderlyingOptionExerciseExpirationDateBusinessCenter

The business center calendar used to adjust the option exercise expiration dates, e.g. "GBLO".

See <http://www.fpml.org/coding-scheme/business-center> for standard 4-character code values.

Type: [String](#)

Used in groups: [UnderlyingOptionExerciseExpirationDateBusinessCenterGrp](#)

### 170.2.5861 UnderlyingOptionExerciseExpirationDateBusinessCenterGrp

[UnderlyingOptionExerciseExpirationDateBusinessCenterGrp](#) is a repeating subcomponent of the [UnderlyingOptionExerciseExpiration](#) component used to specify the set of business centers whose calendars drive date adjustment. Used only to override the business centers defined in the [UnderlyingDateAdjustment](#) component in [UnderlyingInstrument](#).

Name	Mult.	Type	Description
NoUnderlyingOptionExerciseExpirationDateBusinessCenters	[1..1]	NumInGroup	
UnderlyingOptionExerciseExpirationDateBusinessCenter	[0..1]	String	Required if NoUnderlyingOptionExerciseExpirationDateBusinessCenters(41844) > 0.

Used in components: [UnderlyingOptionExerciseExpiration](#)

### 170.2.5862 UnderlyingOptionExerciseExpirationDateBusinessDayConvention

The business day convention used to adjust the option exercise expiration dates. Used only to override the business day convention specified in the UnderlyingDateAdjustment component within the UnderlyingInstrument component.

Type: [int](#)

Allowed values in BusinessDayConventionCodeSet:

Code	Name	Description
0	NotApplicable	Not applicable. Business day convention is not applicable.
1	None	None (current day)
2	FollowingDay	Following day. The following business day.
3	FloatingRateNote	Floating rate note. The FRN business day convention.
4	ModifiedFollowingDay	Modified following day. The modified following business day.
5	PrecedingDay	Preceding day. The preceding business day.
6	ModifiedPrecedingDay	Modified preceding day. The modified preceding business day.
7	NearestDay	Nearest day. The nearest applicable business day.

Used in components: [UnderlyingOptionExerciseExpiration](#)

### 170.2.5863 UnderlyingOptionExerciseExpirationDateGrp

The UnderlyingOptionExerciseExpirationDateGrp is a repeating subcomponent of the UnderlyingOptionExerciseExpiration component used to specify fixed dates for expiration.

Name	Mult.	Type	Description
NoUnderlyingOptionExerciseExpirationDates	[1..1]	NumInGroup	
UnderlyingOptionExerciseExpirationDate	[0..1]	LocalMktDate	Required if NoUnderlyingOptionExpirationDates(41856) > 0.
UnderlyingOptionExerciseExpirationDateType	[0..1]	CodeSet	When specified it applies not only to the current date but to all subsequent dates in the group until overridden with a new type.

Used in components: [UnderlyingOptionExerciseExpiration](#)

### 170.2.5864 UnderlyingOptionExerciseExpirationDateOffsetDayType

Specifies the day type of the relative option exercise expiration date offset.

Type: [int](#)

Allowed values in ComplexEventDateOffsetDayTypeCodeSet:

Code	Name	Description
0	Business	Business
1	Calendar	Calendar
2	CommodityBusiness	Commodity business
3	CurrencyBusiness	Currency business
4	ExchangeBusiness	Exchange business
5	ScheduledTradingDay	Scheduled trading day

Used in components: [UnderlyingOptionExerciseExpiration](#)

### 170.2.5865 UnderlyingOptionExerciseExpirationDateOffsetPeriod

Time unit multiplier for the relative exercise expiration date offset.

Type: [int](#)

Used in components: [UnderlyingOptionExerciseExpiration](#)

**170.2.5866 UnderlyingOptionExerciseExpirationDateOffsetUnit**

Time unit associated with the relative exercise expiration date offset.

Type: **String**

Allowed values in PaymentStreamPaymentDateOffsetUnitCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
D	Day	Day
Wk	Week	Week
Mo	Month	Month
Yr	Year	Year

---

Used in components: **UnderlyingOptionExerciseExpiration**

**170.2.5867 UnderlyingOptionExerciseExpirationDateRelativeTo**

Specifies the anchor date when the option exercise expiration date is relative to an anchor date.

See [http://www.fixtradingcommunity.org/codelists#Relative\\_To\\_Date](http://www.fixtradingcommunity.org/codelists#Relative_To_Date) for values.

Type: **int**

Used in components: **UnderlyingOptionExerciseExpiration**

**170.2.5868 UnderlyingOptionExerciseExpirationDateType**

Specifies the type of option exercise expiration date. When specified it applies not only to the current date but to all subsequent dates in the group until overridden with a new type.

Type: **int**

Allowed values in OptionExerciseDateTypeCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	Unadjusted	Unadjusted
1	Adjusted	Adjusted

---

Used in groups: **UnderlyingOptionExerciseExpirationDateGrp**



**170.2.5869 UnderlyingOptionExerciseExpirationFrequencyPeriod**

Time unit multiplier for the frequency of exercise expiration dates.

Type: **int**

Used in components: **UnderlyingOptionExerciseExpiration**

**170.2.5870 UnderlyingOptionExerciseExpirationFrequencyUnit**

Time unit associated with the frequency of exercise expiration dates.

Type: **String**

Allowed values in ProtectionTermEventUnitCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
D	Day	Day
Wk	Week	Week
Mo	Month	Month
Yr	Year	Year

---

Used in components: **UnderlyingOptionExerciseExpiration**

**170.2.5871 UnderlyingOptionExerciseExpirationRollConvention**

The convention for determining the sequence of exercise expiration dates. It is used in conjunction with a specified frequency. Used only to override the roll convention defined in the UnderlyingDateAdjustment component in UnderlyingInstrument.

Type: **String**

Allowed values in DateRollConventionCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
1	FirstDay	1st day of the month
2	SecondDay	2nd day of the month
3	ThirdDay	3rd day of the month
4	FourthDay	4th day of the month
5	FifthDay	5th day of the month

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
6	SixthDay	6thd day of the month
7	SeventhDay	7th day of the month
8	EighthDay	8th day of the month
9	NinthDay	9th day of the month
10	TenthDay	10th day of the month
11	EleventhDay	11th day of the month
12	TwelvthDay	12th day of the month
13	ThirteenthDay	13th day of the month
14	ForteenthDay	14th day of the month
15	FifteenthDay	15th day of the month
16	SixteenthDay	16th day of the month
17	SeventeenthDay	17th day of the month
18	EighteenthDay	18th day of the month
19	NineteenthDay	19th day of the month
20	TwentiethDay	20th day of the month
21	TwentyFirstDay	21st day of the month
22	TwentySecondDay	22nd day of the month
23	TwentyThirdDay	23rd day of the month
24	TwentyFourthDay	24th day of the month
25	TwentyFifthDay	25th day of the month
26	TwentySixthDay	26th day of the month
27	TwentySeventhDay	27th day of the month
28	TwentyEigthDa28y	28th day of the month
29	TwentyNinthDay	29th day of the month
30	ThirtiethDay	30th day of the month
EOM	EOM	The end of the month. Use EOM for 31st day of the month.
FRN	FRN	The floating rate note convention or Eurodollar convention.
IMM	IMM	The International Money Market settlement date, i.e. the 3rd Wednesday of the month.
IMMCAD	IMMCAD	The last trading day/expiration day of the Canadian Derivatives Exchange.
IMMAUD	IMMAUD	The last trading day of the Sydney Futures Exchange Australian 90-day bank accepted bill futures contract.
IMMNZD	IMMNZD	The last trading day of the Sydney Futures Exchange New Zealand 90-day bank bill futures contract.

Code	Name	Description
SFE	SFE	The Sydney Futures Exchange 90-day bank accepted bill futures settlement dates.
NONE	NONE	No adjustment
TBILL	TBILL	The 13-week and 26-week U.S. Treasury Bill auction dates.
MON	MON	Monday
TUE	TUE	Tuesday
WED	WED	Wednesday
THU	THU	Thursday
FRI	FRI	Friday
SAT	SAT	Saturday
SUN	SUN	Sunday

Used in components: [UnderlyingOptionExerciseExpiration](#)

#### **170.2.5872 UnderlyingOptionExerciseExpirationTime**

The option exercise expiration time.

Type: [LocalMktTime](#)

Used in components: [UnderlyingOptionExerciseExpiration](#)

#### **170.2.5873 UnderlyingOptionExerciseExpirationTimeBusinessCenter**

The business center used to determine the locale for option exercise expiration time, e.g. "GBLO".

See <http://www.fpml.org/coding-scheme/business-center> for standard 4-character code values.

Type: [String](#)

Used in components: [UnderlyingOptionExerciseExpiration](#)

#### **170.2.5874 UnderlyingOptionExerciseFirstDateUnadjusted**

The unadjusted first exercise date.

Type: [LocalMktDate](#)

Used in components: [UnderlyingOptionExerciseDates](#)

**170.2.5875 UnderlyingOptionExerciseFrequencyPeriod**

Time unit multiplier for the frequency of exercise dates.

Type: **int**

Used in components: **UnderlyingOptionExerciseDates**

**170.2.5876 UnderlyingOptionExerciseFrequencyUnit**

Time unit associated with the frequency of exercise dates.

Type: **String**

Allowed values in ProtectionTermEventUnitCodeSet:

Code	Name	Description
D	Day	Day
Wk	Week	Week
Mo	Month	Month
Yr	Year	Year

Used in components: **UnderlyingOptionExerciseDates**

**170.2.5877 UnderlyingOptionExerciseLastDateUnadjusted**

The unadjusted last exercise date.

Type: **LocalMktDate**

Used in components: **UnderlyingOptionExerciseDates**

**170.2.5878 UnderlyingOptionExerciseLatestTime**

Latest exercise time. See also UnderlyingOptionExerciseEarliestTime(41838).

Type: **LocalMktTime**

Used in components: **UnderlyingOptionExerciseDates**

**170.2.5879 UnderlyingOptionExerciseMakeWholeProvision**

UnderlyingOptionExerciseMakeWholeProvision is a subcomponent of the UnderlyingOptionExercise component used to specify the set of rules of maintaining balance when an option is exercised.

Name	Mult.	Type	Description
UnderlyingMakeWholeDate	[0..1]	LocalMktDate	
UnderlyingMakeWholeAmount	[0..1]	Amt	
UnderlyingMakeWholeBenchmarkCurveName	[0..1]	String	
UnderlyingMakeWholeBenchmarkCurvePoint	[0..1]	String	
UnderlyingMakeWholeRecallsSpread	[0..1]	PriceOffset	
UnderlyingMakeWholeBenchmarkQuote	[0..1]	CodeSet	
UnderlyingMakeWholeInterpolationMethod	[0..1]	CodeSet	

Used in components: [UnderlyingOptionExercise](#)

**170.2.5880 UnderlyingOptionExerciseNominationDeadline**

The last date (adjusted) for establishing the option exercise terms.

Type: [LocalMktDate](#)

Used in components: [UnderlyingOptionExerciseDates](#)

**170.2.5881 UnderlyingOptionExerciseSkip**

The number of periods in the referenced date schedule that are between each date in the relative date schedule. Thus a skip of 2 would mean that dates are relative to every second date in the referenced schedule. If present this should have a value greater than 1.

Type: [int](#)

Used in components: [UnderlyingOptionExerciseDates](#)

**170.2.5882 UnderlyingOptionExerciseStartDateAdjusted**

The adjusted start date for calculating periodic exercise dates.

Type: [LocalMktDate](#)

Used in components: [UnderlyingOptionExerciseDates](#)

**170.2.5883 UnderlyingOptionExerciseStartDateOffsetDayType**

Specifies the day type of the relative option exercise start date offset.

Type: [int](#)

Allowed values in PaymentStreamPaymentDateOffsetDayTypeCodeSet:

---

Code	Name	Description
0	Business	Business
1	Calendar	Calendar
2	CommodityBusiness	Commodity business
3	CurrencyBusiness	Currency business
4	ExchangeBusiness	Exchange business
5	ScheduledTradingDay	Scheduled trading day

---

Used in components: [UnderlyingOptionExerciseDates](#)

**170.2.5884 UnderlyingOptionExerciseStartDateOffsetPeriod**

Time unit multiplier for the relative exercise start date offset.

Type: [int](#)

Used in components: [UnderlyingOptionExerciseDates](#)

**170.2.5885 UnderlyingOptionExerciseStartDateOffsetUnit**

Time unit associated with the relative exercise start date offset.

Type: [String](#)

Allowed values in PaymentStreamPaymentDateOffsetUnitCodeSet:

---

Code	Name	Description
D	Day	Day
Wk	Week	Week
Mo	Month	Month
Yr	Year	Year

---

Used in components: [UnderlyingOptionExerciseDates](#)

#### **170.2.5886 UnderlyingOptionExerciseStartDateRelativeTo**

Specifies the anchor date when the option exercise start date is relative to an anchor date.

See [http://www.fixtradingcommunity.org/codelists#Relative\\_To\\_Date](http://www.fixtradingcommunity.org/codelists#Relative_To_Date) for values.

Type: [int](#)

Used in components: [UnderlyingOptionExerciseDates](#)

#### **170.2.5887 UnderlyingOptionExerciseStartDateUnadjusted**

The unadjusted start date for calculating periodic exercise dates.

Type: [LocalMktDate](#)

Used in components: [UnderlyingOptionExerciseDates](#)

#### **170.2.5888 UnderlyingOptionExerciseTimeBusinessCenter**

The business center used to determine the locale for option exercise time, e.g. "GBLO".

See <http://www.fpml.org/coding-scheme/business-center> for standard 4-character code values

Type: [String](#)

Used in components: [UnderlyingOptionExerciseDates](#)

#### **170.2.5889 UnderlyingOptionExpirationDesc**

Description of the option expiration.

Type: [String](#)

Used in components: [UnderlyingInstrument](#)

**170.2.5890 UnderlyingOptionsExchangeDividendsIndicator**

Indicates whether option exchange dividends are applicable.

Type: **Boolean**

Used in components: **UnderlyingDividendConditions**

**170.2.5891 UnderlyingOptPayoutAmount**

Cash amount indicating the pay out associated with an option. For binary options this is a fixed amount.

Type: **Amt**

Used in components: **UnderlyingInstrument**

**170.2.5892 UnderlyingOptPayoutType**

Indicates the type of valuation method or payout trigger for an in-the-money option.

Type: **int**

Allowed values in OptPayoutTypeCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
1	Vanilla	Vanilla
2	Capped	Capped
3	Binary	Digital (Binary)
4	Asian	Asian
5	Barrier	Barrier
6	DigitalBarrier	Digital Barrier
7	Lookback	Lookback
8	OtherPathDependent	Other path dependent
99	Other	Other

---

Used in components: **UnderlyingInstrument**



### **170.2.5893 UnderlyingOriginalNotionalPercentageOutstanding**

See OriginalNotionalPercentageOutstanding(1452)

Type: **Percentage**

Used in components: **UnderlyingInstrument**

### **170.2.5894 UnderlyingPayAmount**

Amount to pay in order to receive the underlying instrument

Type: **Amt**

Used in groups: **UnderlyingAmount**

### **170.2.5895 UnderlyingPaymentScheduleCurrency**

The currency for this step. Uses ISO 4217 currency codes.

Type: **Currency**

Used in groups: **UnderlyingPaymentScheduleGrp**

### **170.2.5896 UnderlyingPaymentScheduleEndDateUnadjusted**

The unadjusted end date of a cashflow payment.

Type: **LocalMktDate**

Used in groups: **UnderlyingPaymentScheduleGrp**

### **170.2.5897 UnderlyingPaymentScheduleFixedAmount**

The explicit payment amount for this step.

Type: **Amt**

Used in groups: **UnderlyingPaymentScheduleGrp**

**170.2.5898 UnderlyingPaymentScheduleFixedCurrency**

The currency of the fixed amount. Uses ISO 4217 currency codes.

Type: **Currency**

Used in groups: **UnderlyingPaymentScheduleGrp**

**170.2.5899 UnderlyingPaymentScheduleFixingDateAdjusted**

The adjusted fixing date.

Type: **LocalMktDate**

Used in groups: **UnderlyingPaymentScheduleGrp**

**170.2.5900 UnderlyingPaymentScheduleFixingDateBusinessCenter**

The business center calendar used to adjust the payment schedule's fixing date, e.g. "GBLO". See <http://www.fpml.org/coding-scheme/business-center> for standard 4-character code values.

Type: **String**

Used in groups: **UnderlyingPaymentScheduleFixingDateBusinessCenterGrp**

**170.2.5901 UnderlyingPaymentScheduleFixingDateBusinessCenterGrp**

**UnderlyingPaymentScheduleFixingDateBusinessCenterGrp** is a repeating subcomponent within the **UnderlyingPaymentScheduleGrp** component. It is used to specify the set of business centers whose calendars drive the date adjustment. Used only to override the business centers defined in the **UnderlyingDateAdjustment** component in the **UnderlyingInstrument** component.

---

<b>Name</b>	<b>Mult.</b>	<b>Type</b>	<b>Description</b>
<b>NoUnderlyingPaymentScheduleFixing-DateBusinessCenters</b>	[1..1]	NumInGroup	
<b>UnderlyingPaymentScheduleFixing-DateBusinessCenter</b>	[0..1]	String	Required if <b>NoUnderlyingPaymentScheduleFixing-DateBusinessCenters</b> (40966) > 0.

---

Used in groups: **UnderlyingPaymentScheduleGrp**

**170.2.5902 UnderlyingPaymentScheduleFixingDateBusinessDayCnvtm**

The business day convention used to adjust the payment schedule's fixing date. Used only to override the business day convention specified in the UnderlyingDateAdjustment component within the UnderlyingInstrument component.

Type: **int**

Allowed values in BusinessDayConventionCodeSet:

---

Code	Name	Description
0	NotApplicable	Not applicable. Business day convention is not applicable.
1	None	None (current day)
2	FollowingDay	Following day. The following business day.
3	FloatingRateNote	Floating rate note. The FRN business day convention.
4	ModifiedFollowingDay	Modified following day. The modified following business day.
5	PrecedingDay	Preceding day. The preceding business day.
6	ModifiedPrecedingDay	Modified preceding day. The modified preceding business day.
7	NearestDay	Nearest day. The nearest applicable business day.

---

Used in groups: **UnderlyingPaymentScheduleGrp**

**170.2.5903 UnderlyingPaymentScheduleFixingDateOffsetDayType**

Specifies the day type of the relative fixing date offset.

Type: **int**

Allowed values in PaymentStreamPaymentDateOffsetDayTypeCodeSet:

---

Code	Name	Description
0	Business	Business
1	Calendar	Calendar
2	CommodityBusiness	Commodity business
3	CurrencyBusiness	Currency business
4	ExchangeBusiness	Exchange business
5	ScheduledTradingDay	Scheduled trading day

---

Used in groups: **UnderlyingPaymentScheduleGrp**

**170.2.5904 UnderlyingPaymentScheduleFixingDateOffsetPeriod**

Time unit multiplier for the relative fixing date offset.

Type: **int**

Used in groups: **UnderlyingPaymentScheduleGrp**

**170.2.5905 UnderlyingPaymentScheduleFixingDateOffsetUnit**

Time unit associated with the relative fixing date offset.

Type: **String**

Allowed values in PaymentStreamPaymentDateOffsetUnitCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
D	Day	Day
Wk	Week	Week
Mo	Month	Month
Yr	Year	Year

---

Used in groups: **UnderlyingPaymentScheduleGrp**

**170.2.5906 UnderlyingPaymentScheduleFixingDateRelativeTo**

Specifies the anchor date when the fixing date is relative to an anchor date.

See [http://www.fixtradingcommunity.org/codelists#Relative\\_To\\_Date](http://www.fixtradingcommunity.org/codelists#Relative_To_Date) for values.

Type: **int**

Used in groups: **UnderlyingPaymentScheduleGrp**

**170.2.5907 UnderlyingPaymentScheduleFixingDateUnadjusted**

The unadjusted fixing date.

Type: **LocalMktDate**

Used in groups: **UnderlyingPaymentScheduleGrp**

**170.2.5908 UnderlyingPaymentScheduleFixingDayCount**

The number of days over which fixing should take place.

Type: **int**

Used in groups: **UnderlyingPaymentScheduleGrp**

**170.2.5909 UnderlyingPaymentScheduleFixingDayDistribution**

The distribution of fixing days.

Type: **int**

Allowed values in PaymentStreamPricingDayDistributionCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	All	All
1	First	First
2	Last	Last
3	Penultimate	Penultimate

---

Used in groups: **UnderlyingPaymentScheduleGrp**

**170.2.5910 UnderlyingPaymentScheduleFixingDayGrp**

The UnderlyingPaymentScheduleFixingDayGrp is a repeating subcomponent of the UnderlyingPaymentScheduleGrp component used to detail periodic fixing days.

---

<b>Name</b>	<b>Mult.</b>	<b>Type</b>	<b>Description</b>
<b>NoUnderlyingPaymentScheduleFixing-Days</b>	[1..1]	NumInGroup	
<b>UnderlyingPaymentScheduleFixing-DayOfWeek</b>	[0..1]	CodeSet	Required if NoUnderlyingPaymentScheduleFixing-Days(41878) > 0.
<b>UnderlyingPaymentScheduleFixing-DayNumber</b>	[0..1]	int	

---

Used in groups: **UnderlyingPaymentScheduleGrp**

**170.2.5911 UnderlyingPaymentScheduleFixingDayNumber**

The occurrence of the day of week on which fixing takes place.

Type: **int**

Used in groups: **UnderlyingPaymentScheduleFixingDayGrp**

**170.2.5912 UnderlyingPaymentScheduleFixingDayOfWeek**

The day of the week on which fixing takes place.

Type: **int**

Allowed values in PaymentStreamPricingDayOfWeekCodeSet:

Code	Name	Description
0	EveryDay	Every day (the default if not specified)
1	Monday	Monday
2	Tuesday	Tuesday
3	Wednesday	Wednesday
4	Thursday	Thursday
5	Friday	Friday
6	Saturday	Saturday
7	Sunday	Sunday

Used in groups: **UnderlyingPaymentScheduleFixingDayGrp**

**170.2.5913 UnderlyingPaymentScheduleFixingFirstObservationDateOffsetPeriod**

Time unit multiplier for the relative first observation date offset.

Type: **int**

Used in groups: **UnderlyingPaymentScheduleGrp**

**170.2.5914 UnderlyingPaymentScheduleFixingFirstObservationDateOffsetUnit**

Time unit associated with the relative first observation date offset.

Type: **String**

Allowed values in PaymentStreamPaymentDateOffsetUnitCodeSet:

Code	Name	Description
D	Day	Day
Wk	Week	Week
Mo	Month	Month
Yr	Year	Year

Used in groups: [UnderlyingPaymentScheduleGrp](#)

### **170.2.5915 UnderlyingPaymentScheduleFixingLagPeriod**

Time unit multiplier for the fixing lag duration.

Type: [int](#)

Used in groups: [UnderlyingPaymentScheduleGrp](#)

### **170.2.5916 UnderlyingPaymentScheduleFixingLagUnit**

Time unit associated with the fixing lag duration.

Type: [String](#)

Allowed values in PaymentStreamInflationLagUnitCodeSet:

Code	Name	Description
D	Day	Day
Wk	Week	Week
Mo	Month	Month
Yr	Year	Year

Used in groups: [UnderlyingPaymentScheduleGrp](#)

### **170.2.5917 UnderlyingPaymentScheduleFixingTime**

The fixing time.

Type: [LocalMktTime](#)

Used in groups: [UnderlyingPaymentScheduleGrp](#)

**170.2.5918 UnderlyingPaymentScheduleFixingTimeBusinessCenter**

Business center for determining fixing time. See <http://www.fpml.org/coding-scheme/business-center> for standard 4-character code values.

Type: **String**

Used in groups: **UnderlyingPaymentScheduleGrp**

**170.2.5919 UnderlyingPaymentScheduleGrp**

The UnderlyingPaymentScheduleGrp is a repeating subcomponent of the UnderlyingPaymentStream component used to specify notional and rate steps in the payment stream.

Name	Mult.	Type	Description
NoUnderlyingPaymentSchedules	[1..1]	NumInGroup	
UnderlyingPaymentScheduleType	[0..1]	CodeSet	Required if NoUnderlyingPaymentSchedules(40664) > 0.
UnderlyingPaymentScheduleXID	[0..1]	XID	
UnderlyingPaymentScheduleXIDRef	[0..1]	XIDREF	
UnderlyingPaymentScheduleStubType	[0..1]	CodeSet	
UnderlyingPaymentScheduleStartDateUnadjusted	[0..1]	LocalMktDate	
UnderlyingPaymentScheduleEndDateUnadjusted	[0..1]	LocalMktDate	
UnderlyingPaymentSchedulePaySide	[0..1]	CodeSet	
UnderlyingPaymentScheduleReceiveSide	[0..1]	CodeSet	
UnderlyingPaymentScheduleNotional	[0..1]	Amt	
UnderlyingPaymentScheduleCurrency	[0..1]	Currency	
UnderlyingPaymentScheduleRate	[0..1]	Percentage	
UnderlyingPaymentScheduleRateMultiplier	[0..1]	float	
UnderlyingPaymentScheduleRateSpread	[0..1]	PriceOffset	
UnderlyingPaymentScheduleRateCurrency	[0..1]	Currency	
UnderlyingPaymentScheduleRateUnitOfMeasure	[0..1]	CodeSet	



Name	Mult.	Type	Description
UnderlyingPaymentScheduleRateConversionFactor	[0..1]	float	
UnderlyingPaymentScheduleRateSpreadType	[0..1]	CodeSet	
UnderlyingPaymentScheduleRateSpreadPositionType	[0..1]	CodeSet	
UnderlyingPaymentScheduleRateTreatment	[0..1]	CodeSet	
UnderlyingPaymentScheduleFixedAmount	[0..1]	Amt	
UnderlyingPaymentScheduleFixedCurrency	[0..1]	Currency	
UnderlyingPaymentScheduleSettlementPeriodPrice	[0..1]	Price	
UnderlyingPaymentScheduleSettlementPeriodPriceCurrency	[0..1]	Currency	
UnderlyingPaymentScheduleSettlementPeriodPriceUnitOfMeasure	[0..1]	CodeSet	
UnderlyingPaymentScheduleStepUnitOfMeasure	[0..1]	CodeSet	
UnderlyingPaymentScheduleStepFrequencyPeriod	[0..1]	int	Conditionally required when UnderlyingPaymentScheduleStepFrequencyUnit(40681) is specified.
UnderlyingPaymentScheduleStepFrequencyUnit	[0..1]	CodeSet	Conditionally required when UnderlyingPaymentScheduleStepFrequencyPeriod(40680) is specified.
UnderlyingPaymentScheduleStepOffsetValue	[0..1]	Amt	
UnderlyingPaymentScheduleStepRate	[0..1]	Percentage	
UnderlyingPaymentScheduleStepOffsetRate	[0..1]	Percentage	
UnderlyingPaymentScheduleStepRelativeTo	[0..1]	CodeSet	
UnderlyingPaymentScheduleRateSourceGrp	[0..*]	Group	
UnderlyingPaymentScheduleFixingDateUnadjusted	[0..1]	LocalMktDate	
UnderlyingPaymentScheduleWeight	[0..1]	float	

Name	Mult.	Type	Description
UnderlyingPaymentScheduleFixingDateRelativeTo	[0..1]	int	
UnderlyingPaymentScheduleFixingDateBusinessDayCnvtm	[0..1]	CodeSet	When specified, this overrides the business day convention defined in the UnderlyingDateAdjustment component in UnderlyingInstrument. The specified value would be specific to this instance of the underlying instrument's payment schedule.
UnderlyingPaymentScheduleFixingDateBusinessCenterGrp	[0..*]	Group	When specified, this overrides the business centers defined in the UnderlyingDateAdjustment component in UnderlyingInstrument. The specified values would be specific to this instance of the underlying instrument's payment schedule.
UnderlyingPaymentScheduleFixingDateOffsetPeriod	[0..1]	int	Conditionally required when UnderlyingPaymentScheduleFixingDateOffsetUnit(40692) is specified.
UnderlyingPaymentScheduleFixingDateOffsetUnit	[0..1]	CodeSet	Conditionally required when UnderlyingPaymentScheduleFixingDateOffsetPeriod(40691) is specified.
UnderlyingPaymentScheduleFixingDateOffsetDayType	[0..1]	CodeSet	
UnderlyingPaymentScheduleFixingDayDistribution	[0..1]	CodeSet	
UnderlyingPaymentScheduleFixingDayCount	[0..1]	int	
UnderlyingPaymentScheduleFixingDateAdjusted	[0..1]	LocalMktDate	
UnderlyingPaymentScheduleFixingDayGrp	[0..*]	Group	
UnderlyingPaymentScheduleFixingLagPeriod	[0..1]	int	Conditionally required when UnderlyingPaymentScheduleFixingLagUnit(41894) is specified.
UnderlyingPaymentScheduleFixingLagUnit	[0..1]	CodeSet	Conditionally required when UnderlyingPaymentScheduleFixingLagPeriod(41893) is specified.
UnderlyingPaymentScheduleFixingFirstObservationDateOffsetPeriod	[0..1]	int	Conditionally required when UnderlyingPaymentScheduleFixingFirstObservationDateOffsetUnit(41896) is specified.
UnderlyingPaymentScheduleFixingFirstObservationDateOffsetUnit	[0..1]	CodeSet	Conditionally required when UnderlyingPaymentScheduleFixingFirstObservationDateOffsetPeriod(41895) is specified.

Name	Mult.	Type	Description
<a href="#">UnderlyingPaymentScheduleFixing-Time</a>	[0..1]	LocalMktTime	
<a href="#">UnderlyingPaymentScheduleFixing-TimeBusinessCenter</a>	[0..1]	String	
<a href="#">UnderlyingPaymentScheduleInterimExchangePaymentDateRelativeTo</a>	[0..1]	int	
<a href="#">UnderlyingPaymentScheduleInterimExchangeDatesBizDayConvention</a>	[0..1]	CodeSet	When specified, this overrides the business day convention defined in the UnderlyingDateAdjustment component in UnderlyingInstrument. The specified value would be specific to this instance of the underlying instrument's payment schedule.
<a href="#">UnderlyingPaymentScheduleInterimExchangeDateBusinessCenterGrp</a>	[0..*]	Group	When specified, this overrides the business centers defined in the UnderlyingDateAdjustment component in UnderlyingInstrument. The specified values would be specific to this instance of the underlying instrument's payment schedule.
<a href="#">UnderlyingPaymentScheduleInterimExchangeDatesOffsetPeriod</a>	[0..1]	int	Conditionally required when UnderlyingPaymentScheduleInterimExchangeDatesOffsetUnit(40701) is specified.
<a href="#">UnderlyingPaymentScheduleInterimExchangeDatesOffsetUnit</a>	[0..1]	CodeSet	Conditionally required when UnderlyingPaymentScheduleInterimExchangeDatesOffsetPeriod(40700) is specified.
<a href="#">UnderlyingPaymentScheduleInterimExchangeDatesOffsetDayType</a>	[0..1]	CodeSet	
<a href="#">UnderlyingPaymentScheduleInterimExchangeDateAdjusted</a>	[0..1]	LocalMktDate	

Used in groups: [UnderlyingStreamGrp](#)

### 170.2.5920 UnderlyingPaymentScheduleInterimExchangeDateAdjusted

The adjusted interim exchange date.

Type: [LocalMktDate](#)

Used in groups: [UnderlyingPaymentScheduleGrp](#)

### 170.2.5921 UnderlyingPaymentScheduleInterimExchangeDateBusinessCenterGrp

UnderlyingPaymentScheduleInterimExchangeDateBusinessCenterGrp is a repeating subcomponent within the UnderlyingPaymentScheduleGrp component. It is used to specify the set of business centers whose calendars drive the date adjustment. Used only to override the business centers defined in the UnderlyingDateAdjustment component in the UnderlyingInstrument component.

Name	Mult.	Type	Description
NoUnderlyingPaymentScheduleInterimExchangeDateBusinessCenters	[1..1]	NumInGroup	
UnderlyingPaymentScheduleInterimExchangeDatesBusinessCenter	[0..1]	String	Required if NoUnderlyingPaymentScheduleInterimExchangeDateBusinessCenters(40967) > 0.

Used in groups: [UnderlyingPaymentScheduleGrp](#)

### 170.2.5922 UnderlyingPaymentScheduleInterimExchangeDatesBizDayConvention

The business day convention used to adjust the payment schedule's interim exchange date. Used only to override the business day convention specified in the UnderlyingDateAdjustment component within the UnderlyingInstrument component.

Type: [int](#)

Allowed values in BusinessDayConventionCodeSet:

Code	Name	Description
0	NotApplicable	Not applicable. Business day convention is not applicable.
1	None	None (current day)
2	FollowingDay	Following day. The following business day.
3	FloatingRateNote	Floating rate note. The FRN business day convention.
4	ModifiedFollowingDay	Modified following day. The modified following business day.
5	PrecedingDay	Preceding day. The preceding business day.
6	ModifiedPrecedingDay	Modified preceding day. The modified preceding business day.
7	NearestDay	Nearest day. The nearest applicable business day.

Used in groups: [UnderlyingPaymentScheduleGrp](#)

**170.2.5923 UnderlyingPaymentScheduleInterimExchangeDatesBusinessCenter**

The business center calendar used to adjust the payment schedule's interim exchange date, e.g. "GBLO".

See <http://www.fpml.org/coding-scheme/business-center> for standard 4-character code values.

Type: **String**

Used in groups: **UnderlyingPaymentScheduleInterimExchangeDateBusinessCenterGrp**

**170.2.5924 UnderlyingPaymentScheduleInterimExchangeDatesOffsetDayType**

Specifies the day type of the relative interim exchange date offset.

Type: **int**

Allowed values in **PaymentStreamPaymentDateOffsetDayTypeCodeSet**:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	Business	Business
1	Calendar	Calendar
2	CommodityBusiness	Commodity business
3	CurrencyBusiness	Currency business
4	ExchangeBusiness	Exchange business
5	ScheduledTradingDay	Scheduled trading day

---

Used in groups: **UnderlyingPaymentScheduleGrp**

**170.2.5925 UnderlyingPaymentScheduleInterimExchangeDatesOffsetPeriod**

Time unit multiplier for the relative interim exchange date offset.

Type: **int**

Used in groups: **UnderlyingPaymentScheduleGrp**

**170.2.5926 UnderlyingPaymentScheduleInterimExchangeDatesOffsetUnit**

Time unit associated with the relative interim exchange date offset.

Type: **String**

Allowed values in PaymentStreamPaymentDateOffsetUnitCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
D	Day	Day
Wk	Week	Week
Mo	Month	Month
Yr	Year	Year

---

Used in groups: **UnderlyingPaymentScheduleGrp**

### **170.2.5927 UnderlyingPaymentScheduleInterimExchangePaymentDateRelativeTo**

Specifies the anchor date when the interim exchange payment date is relative to an anchor date.

See [http://www.fixtradingcommunity.org/codelists#Relative\\_To\\_Date](http://www.fixtradingcommunity.org/codelists#Relative_To_Date) for values.

Type: **int**

Used in groups: **UnderlyingPaymentScheduleGrp**

### **170.2.5928 UnderlyingPaymentScheduleNotional**

The notional value for this step, or amount of a cashflow payment.

Type: **Amt**

Used in groups: **UnderlyingPaymentScheduleGrp**

### **170.2.5929 UnderlyingPaymentSchedulePaySide**

The side of the party paying the step schedule.

Type: **int**

Allowed values in PaymentPaySideCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
1	Buy	Buy

---

Code	Name	Description
2	Sell	Sell

Used in groups: [UnderlyingPaymentScheduleGrp](#)

#### **170.2.5930 UnderlyingPaymentScheduleRate**

The rate value for this step.

Type: [Percentage](#)

Used in groups: [UnderlyingPaymentScheduleGrp](#)

#### **170.2.5931 UnderlyingPaymentScheduleRateConversionFactor**

The number to be multiplied by the derived floating rate of the underlying's payment schedule in order to arrive at the payment rate. If omitted, the schedule rate conversion factor is 1.

Type: [float](#)

Used in groups: [UnderlyingPaymentScheduleGrp](#)

#### **170.2.5932 UnderlyingPaymentScheduleRateCurrency**

Specifies the currency of the schedule rate. Uses ISO 4217 currency codes.

Type: [Currency](#)

Used in groups: [UnderlyingPaymentScheduleGrp](#)

#### **170.2.5933 UnderlyingPaymentScheduleRateMultiplier**

A rate multiplier to apply to the floating rate. The multiplier can be less than or greater than 1 (one). This element should only be included if the multiplier is not equal to 1 (one) for the term of the stream.

Type: [float](#)

Used in groups: [UnderlyingPaymentScheduleGrp](#)

**170.2.5934 UnderlyingPaymentScheduleRateSource**

Identifies the source of rate information.

Type: **int**

Allowed values in RateSourceCodeSet:

Code	Name	Description
0	Bloomberg	Bloomberg
1	Reuters	Reuters
2	Telerate	Telerate
3	ISDARateOption	ISDA Settlement Rate Option. The source of the currency conversion as specified by the ISDA terms in Annex A to the 1998 FX and Currency Option Definitions. See <a href="http://www.fpml.org/coding-scheme/settlement-rate-option">http://www.fpml.org/coding-scheme/settlement-rate-option</a>
99	Other	Other

Used in groups: **UnderlyingPaymentScheduleRateSourceGrp**

**170.2.5935 UnderlyingPaymentScheduleRateSourceGrp**

UnderlyingPaymentScheduleRateSourceGrp is a repeating component within the UnderlyingPaymentScheduleGrp component used to identify primary and secondary rate sources.

Name	Mult.	Type	Description
<b>NoUnderlyingPaymentScheduleRateSources</b>	[1..1]	NumInGroup	
<b>UnderlyingPaymentScheduleRateSource</b>	[0..1]	CodeSet	Required if NoUnderlyingPaymentScheduleRates(40704) > 0.
<b>UnderlyingPaymentScheduleRateSourceType</b>	[0..1]	CodeSet	Required if NoUnderlyingPaymentScheduleRates(40704) > 0.
<b>UnderlyingPaymentScheduleReferencePage</b>	[0..1]	String	Conditionally required when UnderlyingPaymentScheduleRateSource(40705) = 99 (Other).

Used in groups: **UnderlyingPaymentScheduleGrp**



**170.2.5936 UnderlyingPaymentScheduleRateSourceType**

Rate source type.

Type: **int**

Allowed values in RateSourceTypeCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	Primary	Primary
1	Secondary	Secondary

---

Used in groups: **UnderlyingPaymentScheduleRateSourceGrp**

**170.2.5937 UnderlyingPaymentScheduleRateSpread**

The spread value for this step.

Type: **PriceOffset**

Used in groups: **UnderlyingPaymentScheduleGrp**

**170.2.5938 UnderlyingPaymentScheduleRateSpreadPositionType**

Identifies whether the rate spread is applied to a long or short position.

Type: **int**

Allowed values in PaymentStreamRateSpreadPositionTypeCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	Short	Short
1	Long	Long

---

Used in groups: **UnderlyingPaymentScheduleGrp**

**170.2.5939 UnderlyingPaymentScheduleRateSpreadType**

Specifies whether the rate spread is an absolute value to be added to the index rate or a percentage of the index rate.

Type: **int**

Allowed values in PaymentStreamRateSpreadTypeCodeSet:

---

Code	Name	Description
0	Absolute	Absolute
1	Percentage	Percentage

---

Used in groups: **UnderlyingPaymentScheduleGrp**

**170.2.5940 UnderlyingPaymentScheduleRateTreatment**

Specifies the yield calculation treatment for the step schedule.

Type: **int**

Allowed values in PaymentStreamRateTreatmentCodeSet:

---

Code	Name	Description
0	BondEquivalentYield	Bond equivalent yield
1	MoneyMarketYield	Money market yield

---

Used in groups: **UnderlyingPaymentScheduleGrp**

**170.2.5941 UnderlyingPaymentScheduleRateUnitOfMeasure**

The schedule rate unit of measure (UOM).

Type: **String**

Allowed values in UnitOfMeasureCodeSet:

---

Code	Name	Description
Alw	Allowances	Allowances

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
Bcf	BillionCubicFeet	Billion cubic feet
Bbl	Barrels	Barrels. Equal to 42 US gallons
CBM	CubicMeters	Cubic Meters
BDFT	BoardFeet	Board feet. Equal to 144 cubic inches
GJ	Gigajoules	gigajoules
Bu	Bushels	Bushels
kHR	HeatRate	Heat rate. The number of BTUs required to produce one kilowatt hour of electricity, typically 3,412.14 BTUs per 1 kWh.
Ccy	Currency	Amount of currency
kWh	KilowattHours	Kilowatt hours
CDD	CoolingDegreeDay	Cooling degree day
MHR	MegaHeatRate	Mega heat rate. The number of million BTUs required to produce one megawatt hour of electricity, typically 3.41214 million BTUs per 1 MWh.
CER	CertifiedEmissionsReduction	Certified emissions reduction
MMBtu	OneMillionBTU	One Million BTU
CPD	CriticalPrecipDay	Critical precipitation day
MWh	MegawattHours	Megawatt hours
CRT	ClimateReserveTonnes	Climate reserve tonnes
thm	Therms	therms. Equal to 100,000 BTU
cwt	Hundredweight	Hundredweight(US). Equal to 100 lbs
tnCO2	TonsOfCarbonDioxide	Tons of carbon dioxide
day	Day	Days
dt	DryMetricTons	Dry metric tons
EnvAllwnc	EnvAllwncCert	Environmental allowance certificates
EnvCrd	EnvironmentalCredit	Environmental credit
EnvOfst	EnvironmentalOffset	Environmental Offset
g	Grams	Grams
Gal	Gallons	Gallons
GT	GrossTons	Gross tons. Also known as long tons or imperial tons, equal to 2240 lbs
HDD	HeatingDegreeDay	Heating degree day
IPNT	IndexPoint	Index point
kg	Kilograms	Kilograms
kL	Kiloliters	kiloliters

<b>Code</b>	<b>Name</b>	<b>Description</b>
kW-a	KilowattYear	Kilowatt year (electrical capacity)
kW-d	KilowattDay	Kilowatt day (electrical capacity)
kW-h	KilowattHour	Kilowatt hour (electrical capacity)
kW-M	KilowattMonth	Kilowatt month (electrical capacity)
kW-min	KilowattMinute	Kilowatt-Minute (electrical capacity)
L	Liters	liters
lbs	Pounds	pounds
MW-a	MegawattYear	Megawatt year (electrical capacity)
MW-d	MegawattDay	Megawatt day (electrical capacity)
MW-h	MegawattHour	Megawatt hour (electrical capacity)
MW-M	MegawattMonth	Megawatt month (electrical capacity)
MW-min	MegawattMinute	Megawatt minute (electrical capacity)
oz_tr	TroyOunces	Troy ounces
PRINC	PrincipalWithRelationToDebtInstrument	Principal with relation to debt instrument
t	MetricTons	Metric tons. Also known as Tonnes, equal to 1000 kg
tn	Tons	Tons (US). Equal to 2000 lbs
a	Are	Are
ac	Acre	Acre
cL	Centiliter	Centiliter
cM	Centimeter	Centimeter
DGE	DieselGallonEquivalent	Diesel gallon equivalent
ft	Foot	Foot
Gal_gb	GBGallon	GB Gallon
GGE	GasolineGallonEquivalent	Gasonline gallon equivalent
ha	Hectare	Hectare
in	Inch	Inch
kM	Kilometer	Kilometer
M	Meter	Meter
mi	Mile	Mile
mL	Milliliter	Milliliter
mM	Millimeter	Millimeter
oz	USOunce	US ounce
pc	Piece	Piece

---

Code	Name	Description
pt	USPint	US Pint
pt_gb	GBPint	GB pint
qt	USQuart	US Quart
qt_gb	GBQuart	GB Quart
SqcM	SquareCentimeter	Square centimeter
Sqft	SquareFoot	Square foot
Sqin	SquareInch	Square inch
SqkM	SquareKilometer	Square kilometer
SqM	SquareMeter	Square meter
Sqmi	SquareMile	Square mile
SqmM	SquareMillimeter	Square millimeter
Sqyd	SquareYard	Square yard
yd	Yard	Yard
MMbbl	MillionBarrels	Million Barrels
USD	USDollars	US Dollars

---

Used in groups: [UnderlyingPaymentScheduleGrp](#)

### 170.2.5942 UnderlyingPaymentScheduleReceiveSide

The side of the party receiving the step schedule.

Type: [int](#)

Allowed values in PaymentPaySideCodeSet:

---

Code	Name	Description
1	Buy	Buy
2	Sell	Sell

---

Used in groups: [UnderlyingPaymentScheduleGrp](#)

### 170.2.5943 UnderlyingPaymentScheduleReferencePage

Identifies the reference “page” from the rate source.

For FX, the reference page to the spot rate to be used for the reference FX spot rate.

When RateSource(1446) = 3 (ISDA Settlement Rate Option) this contains the value from the scheme that reflects the terms of the Annex A to the ISDA 1998 FX and Currency Option Definitions. See: <http://www.fpml.org/coding-scheme/settlement-rate-option>

Type: **String**

Used in groups: **UnderlyingPaymentScheduleRateSourceGrp**

### **170.2.5944 UnderlyingPaymentScheduleSettlPeriodPrice**

The schedule settlement period price.

Type: **Price**

Used in groups: **UnderlyingPaymentScheduleGrp**

### **170.2.5945 UnderlyingPaymentScheduleSettlPeriodPriceCurrency**

The currency of the schedule settlement period price. Uses ISO 4217 currency codes.

Type: **Currency**

Used in groups: **UnderlyingPaymentScheduleGrp**

### **170.2.5946 UnderlyingPaymentScheduleSettlPeriodPriceUnitOfMeasure**

The settlement period price unit of measure (UOM).

Type: **String**

Allowed values in UnitOfMeasureCodeSet:

<b>Code</b>	<b>Name</b>	<b>Description</b>
Alw	Allowances	Allowances
Bcf	BillionCubicFeet	Billion cubic feet
Bbl	Barrels	Barrels. Equal to 42 US gallons
CBM	CubicMeters	Cubic Meters
BDFT	BoardFeet	Board feet. Equal to 144 cubic inches
GJ	Gigajoules	gigajoules
Bu	Bushels	Bushels

<b>Code</b>	<b>Name</b>	<b>Description</b>
kHR	HeatRate	Heat rate. The number of BTUs required to produce one kilowatt hour of electricity, typically 3,412.14 BTUs per 1 kWh.
Ccy	Currency	Amount of currency
kWh	KilowattHours	Kilowatt hours
CDD	CoolingDegreeDay	Cooling degree day
MHR	MegaHeatRate	Mega heat rate. The number of million BTUs required to produce one megawatt hour of electricity, typically 3.41214 million BTUs per 1 MWh.
CER	CertifiedEmissionsReduction	Certified emissions reduction
MMBtu	OneMillionBTU	One Million BTU
CPD	CriticalPrecipDay	Critical precipitation day
MWh	MegawattHours	Megawatt hours
CRT	ClimateReserveTonnes	Climate reserve tonnes
thm	Therms	therms. Equal to 100,000 BTU
cwt	Hundredweight	Hundredweight(US). Equal to 100 lbs
tnCO2	TonsOfCarbonDioxide	Tons of carbon dioxide
day	Day	Days
dt	DryMetricTons	Dry metric tons
EnvAllwnc	EnvAllwncCert	Environmental allowance certificates
EnvCrd	EnvironmentalCredit	Environmental credit
EnvOfst	EnvironmentalOffset	Environmental Offset
g	Grams	Grams
Gal	Gallons	Gallons
GT	GrossTons	Gross tons. Also known as long tons or imperial tons, equal to 2240 lbs
HDD	HeatingDegreeDay	Heating degree day
IPNT	IndexPoint	Index point
kg	Kilograms	Kilograms
kL	Kiloliters	kiloliters
kW-a	KilowattYear	Kilowatt year (electrical capacity)
kW-d	KilowattDay	Kilowatt day (electrical capacity)
kW-h	KilowattHour	Kilowatt hour (electrical capacity)
kW-M	KilowattMonth	Kilowatt month (electrical capacity)
kW-min	KilowattMinute	Kilowatt-Minute (electrical capacity)
L	Liters	liters

<b>Code</b>	<b>Name</b>	<b>Description</b>
lbs	Pounds	pounds
MW-a	MegawattYear	Megawatt year (electrical capacity)
MW-d	MegawattDay	Megawatt day (electrical capacity)
MW-h	MegawattHour	Megawatt hour (electrical capacity)
MW-M	MegawattMonth	Megawatt month (electrical capacity)
MW-min	MegawattMinute	Megawatt minute (electrical capacity)
oz_tr	TroyOunces	Troy ounces
PRINC	PrincipalWithRelationToDebtInstrument	Principal with relation to debt instrument
t	MetricTons	Metric tons. Also known as Tonnes, equal to 1000 kg
tn	Tons	Tons (US). Equal to 2000 lbs
a	Are	Are
ac	Acre	Acre
cL	Centiliter	Centiliter
cM	Centimeter	Centimeter
DGE	DieselGallonEquivalent	Diesel gallon equivalent
ft	Foot	Foot
Gal_gb	GBGallon	GB Gallon
GGE	GasolineGallonEquivalent	Gasonline gallon equivalent
ha	Hectare	Hectare
in	Inch	Inch
kM	Kilometer	Kilometer
M	Meter	Meter
mi	Mile	Mile
mL	Milliliter	Milliliter
mM	Millimeter	Millimeter
oz	USOunce	US ounce
pc	Piece	Piece
pt	USPint	US Pint
pt_gb	GBPint	GB pint
qt	USQuart	US Quart
qt_gb	GBQuart	GB Quart
SqcM	SquareCentimeter	Square centimeter
Sqft	SquareFoot	Square foot



<b>Code</b>	<b>Name</b>	<b>Description</b>
Sqin	SquareInch	Square inch
SqkM	SquareKilometer	Square kilometer
SqM	SquareMeter	Square meter
Sqmi	SquareMile	Square mile
SqmM	SquareMillimeter	Square millimeter
Sqyd	SquareYard	Square yard
yd	Yard	Yard
MMbbl	MillionBarrels	Million Barrels
USD	USDollars	US Dollars

---

Used in groups: [UnderlyingPaymentScheduleGrp](#)

#### **170.2.5947 UnderlyingPaymentScheduleStartDateUnadjusted**

The unadjusted date on which the value is adjusted, or calculated if a future value notional for certain non-deliverable interest rate swaps (e.g. Brazillian Real (BRL) vs. CETIP Interbank Deposit Rate (CDI)), or the start date of a cashflow payment.

Type: [LocalMktDate](#)

Used in groups: [UnderlyingPaymentScheduleGrp](#)

#### **170.2.5948 UnderlyingPaymentScheduleStepFrequencyPeriod**

Time unit multiplier for the step frequency.

Type: [int](#)

Used in groups: [UnderlyingPaymentScheduleGrp](#)

#### **170.2.5949 UnderlyingPaymentScheduleStepFrequencyUnit**

Time unit associated with the step frequency.

Type: [String](#)

Allowed values in CouponFrequencyUnitCodeSet:

---

Code	Name	Description
D	Day	Day
Wk	Week	Week
Mo	Month	Month
Yr	Year	Year
H	Hour	Hour
Min	Minute	Minute
S	Second	Second
T	Term	Term

---

Used in groups: [UnderlyingPaymentScheduleGrp](#)

#### **170.2.5950 UnderlyingPaymentScheduleStepOffsetRate**

The explicit amount that the rate changes on each step date. This can be a positive or negative value.

Type: [Percentage](#)

Used in groups: [UnderlyingPaymentScheduleGrp](#)

#### **170.2.5951 UnderlyingPaymentScheduleStepOffsetValue**

The explicit amount that the notional changes on each step date. This can be a positive or negative amount.

Type: [Amt](#)

Used in groups: [UnderlyingPaymentScheduleGrp](#)

#### **170.2.5952 UnderlyingPaymentScheduleStepRate**

The percentage by which the notional changes on each step date. The percentage is either a percentage applied to the initial notional amount or the previous outstanding notional, depending on the value specified in [UnderlyingPaymentScheduleStepRelativeTo\(40685\)](#). The percentage can be either positive or negative.

Type: [Percentage](#)

Used in groups: [UnderlyingPaymentScheduleGrp](#)

**170.2.5953 UnderlyingPaymentScheduleStepRelativeTo**

Specifies whether the UnderlyingPaymentScheduleStepRate(40683) or UnderlyingPaymentScheduleStepOffsetValue(40682) should be applied to the initial notional or the previous notional in order to calculate the notional step change amount.

Type: **int**

Allowed values in PaymentScheduleStepRelativeToCodeSet:

---

Code	Name	Description
0	Initial	Initial
1	Previous	Previous

---

Used in groups: **UnderlyingPaymentScheduleGrp**

**170.2.5954 UnderlyingPaymentScheduleStepUnitOfMeasure**

The schedule step unit of measure (UOM).

Type: **String**

Allowed values in UnitOfMeasureCodeSet:

---

Code	Name	Description
Alw	Allowances	Allowances
Bcf	BillionCubicFeet	Billion cubic feet
Bbl	Barrels	Barrels. Equal to 42 US gallons
CBM	CubicMeters	Cubic Meters
BDFT	BoardFeet	Board feet. Equal to 144 cubic inches
GJ	Gigajoules	gigajoules
Bu	Bushels	Bushels
kHR	HeatRate	Heat rate. The number of BTUs required to produce one kilowatt hour of electricity, typically 3,412.14 BTUs per 1 kWh.
Ccy	Currency	Amount of currency
kWh	KilowattHours	Kilowatt hours
CDD	CoolingDegreeDay	Cooling degree day

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
MHR	MegaHeatRate	Mega heat rate. The number of million BTUs required to produce one megawatt hour of electricity, typically 3.41214 million BTUs per 1 MWh.
CER	CertifiedEmissionsReduction	Certified emissions reduction
MMBtu	OneMillionBTU	One Million BTU
CPD	CriticalPrecipDay	Critical precipitation day
MWh	MegawattHours	Megawatt hours
CRT	ClimateReserveTonnes	Climate reserve tonnes
thm	Therms	therms. Equal to 100,000 BTU
cwt	Hundredweight	Hundredweight(US). Equal to 100 lbs
tnCO2	TonsOfCarbonDioxide	Tons of carbon dioxide
day	Day	Days
dt	DryMetricTons	Dry metric tons
EnvAllwnc	EnvAllwncCert	Environmental allowance certificates
EnvCrd	EnvironmentalCredit	Environmental credit
EnvOfst	EnvironmentalOffset	Environmental Offset
g	Grams	Grams
Gal	Gallons	Gallons
GT	GrossTons	Gross tons. Also known as long tons or imperial tons, equal to 2240 lbs
HDD	HeatingDegreeDay	Heating degree day
IPNT	IndexPoint	Index point
kg	Kilograms	Kilograms
kL	Kiloliters	kiloliters
kW-a	KilowattYear	Kilowatt year (electrical capacity)
kW-d	KilowattDay	Kilowatt day (electrical capacity)
kW-h	KilowattHour	Kilowatt hour (electrical capacity)
kW-M	KilowattMonth	Kilowatt month (electrical capacity)
kW-min	KilowattMinute	Kilowatt-Minute (electrical capacity)
L	Liters	liters
lbs	Pounds	pounds
MW-a	MegawattYear	Megawatt year (electrical capacity)
MW-d	MegawattDay	Megawatt day (electrical capacity)
MW-h	MegawattHour	Megawatt hour (electrical capacity)
MW-M	MegawattMonth	Megawatt month (electrical capacity)

<b>Code</b>	<b>Name</b>	<b>Description</b>
MW-min	MegawattMinute	Megawatt minute (electrical capacity)
oz_tr	TroyOunces	Troy ounces
PRINC	PrincipalWithRelationToDebtInstrument	Principal with relation to debt instrument
t	MetricTons	Metric tons. Also known as Tonnes, equal to 1000 kg
tn	Tons	Tons (US). Equal to 2000 lbs
a	Are	Are
ac	Acre	Acre
cL	Centiliter	Centiliter
cM	Centimeter	Centimeter
DGE	DieselGallonEquivalent	Diesel gallon equivalent
ft	Foot	Foot
Gal_gb	GBGallon	GB Gallon
GGE	GasolineGallonEquivalent	Gasonline gallon equivalent
ha	Hectare	Hectare
in	Inch	Inch
kM	Kilometer	Kilometer
M	Meter	Meter
mi	Mile	Mile
mL	Milliliter	Milliliter
mM	Millimeter	Millimeter
oz	USOunce	US ounce
pc	Piece	Piece
pt	USPint	US Pint
pt_gb	GBPint	GB pint
qt	USQuart	US Quart
qt_gb	GBQuart	GB Quart
SqcM	SquareCentimeter	Square centimeter
Sqft	SquareFoot	Square foot
Sqin	SquareInch	Square inch
SqkM	SquareKilometer	Square kilometer
SqM	SquareMeter	Square meter
Sqmi	SquareMile	Square mile
SqmM	SquareMillimeter	Square millimeter

---

Code	Name	Description
Sqyd	SquareYard	Square yard
yd	Yard	Yard
MMbbl	MillionBarrels	Million Barrels
USD	USDollars	US Dollars

---

Used in groups: [UnderlyingPaymentScheduleGrp](#)

### 170.2.5955 UnderlyingPaymentScheduleStubType

Indicates to which stub this schedule applies.

Type: [int](#)

Allowed values in PaymentStubTypeCodeSet:

---

Code	Name	Description
0	Initial	Initial
1	Final	Final
2	CompoundingInitial	Compounding initial
3	CompoundingFinal	Compounding final

---

Used in groups: [UnderlyingPaymentScheduleGrp](#)

### 170.2.5956 UnderlyingPaymentScheduleType

Type of schedule.

Type: [int](#)

Allowed values in PaymentScheduleTypeCodeSet:

---

Code	Name	Description
0	Notional	Notional
1	CashFlow	Cash flow
2	FXLinkedNotional	FX linked notional
3	FixedRate	Fixed rate

---

Code	Name	Description
4	FutureValueNotional	Future value notional
5	KnownAmount	Known amount
6	FloatingRateMultiplier	Floating rate multiplier
7	Spread	Spread
8	CapRate	Cap rate
9	FloorRate	Floor rate
10	NonDeliverableSettlPaymentDates	Non-deliverable settlement payment dates
11	NonDeliverableSettlCalculation-Dates	Non-deliverable settlement calculation dates
12	NonDeliverableFXFixingDates	Non-deliverable fixing dates.
13	SettlPeriodNotnl	Settlement period notional
14	SettlPeriodPx	Settlement period price
15	CalcPeriod	Calculation period
16	DividendAccrualRateMultiplier	Dividend accrual rate multiplier
17	DividendAccrualRateSpread	Dividend accrual rate spread
18	DividendAccrualCapRate	Dividend accrual cap rate
19	DividendAccrualFloorRate	Dividend accrual floor rate
20	CompoundingRateMultiplier	Compounding rate multiplier
21	CompoundingRateSpread	Compounding rate spread
22	CompoundingCapRate	Compounding cap rate
23	CompoundingFloorRate	Compounding floor rate

Used in groups: [UnderlyingPaymentScheduleGrp](#)

### **170.2.5957 UnderlyingPaymentScheduleWeight**

Floating rate observation weight for cashflow payment.

Type: [float](#)

Used in groups: [UnderlyingPaymentScheduleGrp](#)

### **170.2.5958 UnderlyingPaymentScheduleXID**

Identifier of this UnderlyingPaymentSchedule for cross referencing elsewhere in the message.

Type: **XID**

Used in groups: **UnderlyingPaymentScheduleGrp**

### **170.2.5959 UnderlyingPaymentScheduleXIDRef**

Reference to payment schedule elsewhere in the message.

Type: **XIDREF**

Used in groups: **UnderlyingPaymentScheduleGrp**

### **170.2.5960 UnderlyingPaymentStreamAccrualDays**

The number of days from the adjusted calculation period start date to the adjusted value date, calculated in accordance with the applicable day count fraction.

Type: **int**

Used in components: **UnderlyingPaymentStream**

### **170.2.5961 UnderlyingPaymentStreamAveragingMethod**

When rate averaging is applicable, used to specify whether a weighted or unweighted average calculation method is to be used.

Type: **int**

Allowed values in **PaymentStreamAveragingMethodCodeSet**:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	Unweighted	Unweighted
1	Weighted	Weighted

---

Used in components: **UnderlyingPaymentStreamFloatingRate**

### **170.2.5962 UnderlyingPaymentStreamBoundsFirstDateUnadjusted**

The unadjusted first date of the compounding schedule. This can be used to restrict the range of dates when they are relative.



Type: [LocalMktDate](#)

Used in components: [UnderlyingPaymentStreamCompoundingDates](#)

### **170.2.5963 UnderlyingPaymentStreamBoundsLastDateUnadjusted**

The unadjusted last date of the compounding schedule. This can be used to restrict the range of dates when they are relative.

Type: [LocalMktDate](#)

Used in components: [UnderlyingPaymentStreamCompoundingDates](#)

### **170.2.5964 UnderlyingPaymentStreamCalculationLagPeriod**

Time unit multiplier for the calculation lag duration.

Type: [int](#)

Used in components: [UnderlyingPaymentStreamFloatingRate](#)

### **170.2.5965 UnderlyingPaymentStreamCalculationLagUnit**

Time unit associated with the calculation lag duration.

Type: [String](#)

Allowed values in [PaymentStreamInflationLagUnitCodeSet](#):

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
D	Day	Day
Wk	Week	Week
Mo	Month	Month
Yr	Year	Year

---

Used in components: [UnderlyingPaymentStreamFloatingRate](#)

**170.2.5966 UnderlyingPaymentStreamCapRate**

The cap rate, if any, which applies to the floating rate. The cap rate (strike) is only required where the floating rate on a swap stream is capped at a certain level. The cap rate is assumed to be exclusive of any spread and is a per annum rate, expressed as a decimal. A cap rate of 5% would be represented as 0.05.

Type: **Percentage**

Used in components: **UnderlyingPaymentStreamFloatingRate**

**170.2.5967 UnderlyingPaymentStreamCapRateBuySide**

Reference to the buyer of the cap rate option through its trade side.

Type: **int**

Allowed values in PaymentStreamCapRateBuySideCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
1	Buyer	Buyer of the trade
2	Seller	Seller of the trade

---

Used in components: **UnderlyingPaymentStreamFloatingRate**

**170.2.5968 UnderlyingPaymentStreamCapRateSellSide**

Reference to the seller of the cap rate option through its trade side.

Type: **int**

Allowed values in PaymentStreamCapRateBuySideCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
1	Buyer	Buyer of the trade
2	Seller	Seller of the trade

---

Used in components: **UnderlyingPaymentStreamFloatingRate**

**170.2.5969 UnderlyingPaymentStreamCashSettlIndicator**

Indicates whether cash settlement is applicable.

Type: **Boolean**

Used in components: **UnderlyingPaymentStream**

**170.2.5970 UnderlyingPaymentStream**

The UnderlyingPaymentStream component is a subcomponent of the UnderlyingStream used to detail the attributes of a payment stream in a swap.

Name	Mult.	Type	Description
UnderlyingPaymentStreamType	[0..1]	CodeSet	
UnderlyingPaymentStreamMarketRate	[0..1]	int	
UnderlyingPaymentStreamDelayIndicator	[0..1]	Boolean	
UnderlyingPaymentStreamCashSettlIndicator	[0..1]	Boolean	
UnderlyingPaymentStreamSettlCurrency	[0..1]	Currency	
UnderlyingPaymentStreamDayCount	[0..1]	CodeSet	
UnderlyingPaymentStreamOtherDayCount	[0..1]	String	May be used to specify a count method not listed in UnderlyingPaymentStreamDayCount(40572).
UnderlyingPaymentStreamAccrualDays	[0..1]	int	
UnderlyingPaymentStreamDiscountType	[0..1]	CodeSet	
UnderlyingPaymentStreamDiscountRate	[0..1]	Percentage	
UnderlyingPaymentStreamDiscountRateDayCount	[0..1]	CodeSet	
UnderlyingPaymentStreamCompoundingMethod	[0..1]	CodeSet	
UnderlyingPaymentStreamCompoundingXIDRef	[0..1]	XIDREF	Mutually exclusive with UnderlyingPaymentStreamCompoundingFixedRate(42900) or the UnderlyingPaymentStreamCompoundingFloatingRate component.

Name	Mult.	Type	Description
UnderlyingPaymentStreamCompoundingSpread	[0..1]	PriceOffset	
UnderlyingPaymentStreamInterpolationMethod	[0..1]	CodeSet	
UnderlyingPaymentStreamInterpolationPeriod	[0..1]	CodeSet	
UnderlyingPaymentStreamInitialPrincipalExchangeIndicator	[0..1]	Boolean	
UnderlyingPaymentStreamInterimPrincipalExchangeIndicator	[0..1]	Boolean	
UnderlyingPaymentStreamFinalPrincipalExchangeIndicator	[0..1]	Boolean	
UnderlyingPaymentStreamFlatRateIndicator	[0..1]	Boolean	
UnderlyingPaymentStreamFlatRateAmount	[0..1]	Amt	
UnderlyingPaymentStreamFlatRateCurrency	[0..1]	Currency	
UnderlyingPaymentStreamMaximumPaymentAmount	[0..1]	Amt	
UnderlyingPaymentStreamMaximumPaymentCurrency	[0..1]	Currency	
UnderlyingPaymentStreamMaximumTransactionAmount	[0..1]	Amt	
UnderlyingPaymentStreamMaximumTransactionCurrency	[0..1]	Currency	
UnderlyingPaymentStreamPaymentDates	[0..1]	Component	
UnderlyingPaymentStreamResetDates	[0..1]	Component	
UnderlyingPaymentStreamFixedRate	[0..1]	Component	
UnderlyingPaymentStreamFloatingRate	[0..1]	Component	
UnderlyingPaymentStreamCompoundingFixedRate	[0..1]	float	Mutually exclusive with UnderlyingPaymentStreamCompoundingXIDRef(42896) or the UnderlyingPaymentStreamCompoundingFloatingRate component.

Name	Mult.	Type	Description
<a href="#">UnderlyingPaymentStreamCompoundingFloatingRate</a>	[0..1]	Component	Mutually exclusive with <a href="#">UnderlyingPaymentStreamCompoundingFixedRate(42900)</a> or the <a href="#">UnderlyingPaymentStreamCompoundingXIDRef(42896)</a> .
<a href="#">UnderlyingPaymentStreamCompoundingDates</a>	[0..1]	Component	
<a href="#">UnderlyingPaymentStreamNonDeliverableSettlTerms</a>	[0..1]	Component	

Used in groups: [UnderlyingStreamGrp](#)

### 170.2.5971 UnderlyingPaymentStreamCompoundingAveragingMethod

Specifies the averaging method when compounding floating rate averaging is applicable (e.g. weighted or unweighted).

Type: [int](#)

Allowed values in [PaymentStreamAveragingMethodCodeSet](#):

Code	Name	Description
0	Unweighted	Unweighted
1	Weighted	Weighted

Used in components: [UnderlyingPaymentStreamCompoundingFloatingRate](#)

### 170.2.5972 UnderlyingPaymentStreamCompoundingCapRate

The cap rate, if any, which applies to the compounding floating rate. It is only required where the compounding floating rate on a swap stream is capped at a certain level. The cap rate is assumed to be exclusive of any spread and is a per annum rate, expressed as a decimal. A cap rate of 5% would be represented as "0.05".

Type: [Percentage](#)

Used in components: [UnderlyingPaymentStreamCompoundingFloatingRate](#)

**170.2.5973 UnderlyingPaymentStreamCompoundingCapRateBuySide**

Reference to the buyer of the compounding cap rate option through its trade side.

Type: **int**

Allowed values in PaymentStreamCapRateBuySideCodeSet:

---

Code	Name	Description
1	Buyer	Buyer of the trade
2	Seller	Seller of the trade

---

Used in components: **UnderlyingPaymentStreamCompoundingFloatingRate**

**170.2.5974 UnderlyingPaymentStreamCompoundingCapRateSellSide**

Reference to the seller of the compounding cap rate option through its trade side.

Type: **int**

Allowed values in PaymentStreamCapRateBuySideCodeSet:

---

Code	Name	Description
1	Buyer	Buyer of the trade
2	Seller	Seller of the trade

---

Used in components: **UnderlyingPaymentStreamCompoundingFloatingRate**

**170.2.5975 UnderlyingPaymentStreamCompoundingDate**

The compounding date. Type of date is specified in UnderlyingPaymentStreamCompoundingDate-Type(42903).

Type: **LocalMktDate**

Used in groups: **UnderlyingPaymentStreamCompoundingDateGrp**

### 170.2.5976 UnderlyingPaymentStreamCompoundingDateGrp

UnderlyingPaymentStreamCompoundingDateGrp is a subcomponent of the UnderlyingPaymentStreamCompoundingDates component used to specify predetermined compounding dates.

Name	Mult.	Type	Description
NoUnderlyingPaymentStreamCompoundingDates	[1..1]	NumInGroup	
UnderlyingPaymentStreamCompoundingDate	[0..1]	LocalMktDate	Required if NoUnderlyingPaymentStreamCompoundingDates(42901) > 0.
UnderlyingPaymentStreamCompoundingDateType	[0..1]	CodeSet	When specified it applies not only to the current date instance but to all subsequent date instances in the group until overridden when a new type is specified.

Used in components: [UnderlyingPaymentStreamCompoundingDates](#)

### 170.2.5977 UnderlyingPaymentStreamCompoundingDatesBusinessCenter

The business center calendar used for date adjustment of the payment stream compounding dates, e.g. "GBLO".

See <http://www.fpml.org/coding-scheme/business-center> for standard 4-character code values.

Type: [String](#)

Used in groups: [UnderlyingPaymentStreamCompoundingDatesBusinessCenterGrp](#)

### 170.2.5978 UnderlyingPaymentStreamCompoundingDatesBusinessCenterGrp

UnderlyingPaymentStreamCompoundingDatesBusinessCenterGrp is a repeating subcomponent within the UnderlyingPaymentStreamCompoundingDates component. It is used to specify the set of business centers whose calendars drive the date adjustment. Used only to override the business centers defined in the UnderlyingDateAdjustment component in UnderlyingInstrument.

Name	Mult.	Type	Description
NoUnderlyingPaymentStreamCompoundingDatesBusinessCenters	[1..1]	NumInGroup	

Name	Mult.	Type	Description
<a href="#">UnderlyingPaymentStreamCompoundingDatesBusinessCenter</a>	[0..1]	String	Required if NoUnderlyingPaymentStreamCompoundingDatesBusinessCenters(42915) > 0.

Used in components: [UnderlyingPaymentStreamCompoundingDates](#)

### 170.2.5979 UnderlyingPaymentStreamCompoundingDatesBusinessDayConvention

The compounding dates business day convention.

Type: [int](#)

Allowed values in BusinessDayConventionCodeSet:

Code	Name	Description
0	NotApplicable	Not applicable. Business day convention is not applicable.
1	None	None (current day)
2	FollowingDay	Following day. The following business day.
3	FloatingRateNote	Floating rate note. The FRN business day convention.
4	ModifiedFollowingDay	Modified following day. The modified following business day.
5	PrecedingDay	Preceding day. The preceding business day.
6	ModifiedPrecedingDay	Modified preceding day. The modified preceding business day.
7	NearestDay	Nearest day. The nearest applicable business day.

Used in components: [UnderlyingPaymentStreamCompoundingDates](#)

### 170.2.5980 UnderlyingPaymentStreamCompoundingDates

[UnderlyingPaymentStreamCompoundingDates](#) is a subcomponent of the [UnderlyingPaymentStream](#) component used to specify the compounding dates of the stream - either specific, relative or periodic dates.



Name	Mult.	Type	Description
UnderlyingPaymentStreamCompoundingDatesBusinessDayConvention	[0..1]	CodeSet	When specified, this overrides the business day convention defined in the UnderlyingDateAdjustment component in UnderlyingInstrument. The specified value would be specific to payment stream compounding dates.
UnderlyingPaymentStreamCompoundingDatesBusinessCenterGrp	[0..*]	Group	When specified, this overrides the business centers defined in the UnderlyingDateAdjustment component in UnderlyingInstrument. The specified values would be specific to payment stream compounding dates.
UnderlyingPaymentStreamCompoundingDateGrp	[0..*]	Group	
UnderlyingPaymentStreamCompoundingDatesRelativeTo	[0..1]	int	
UnderlyingPaymentStreamCompoundingDatesOffsetPeriod	[0..1]	int	Conditionally required when UnderlyingPaymentStreamCompoundingDatesOffsetUnit(42907) is specified.
UnderlyingPaymentStreamCompoundingDatesOffsetUnit	[0..1]	CodeSet	Conditionally required when UnderlyingPaymentStreamCompoundingDatesOffsetPeriod(42906) is specified.
UnderlyingPaymentStreamCompoundingDatesOffsetDayType	[0..1]	CodeSet	
UnderlyingPaymentStreamCompoundingPeriodSkip	[0..1]	int	
UnderlyingPaymentStreamCompoundingStartDate	[0..1]	Component	
UnderlyingPaymentStreamCompoundingEndDate	[0..1]	Component	
UnderlyingPaymentStreamCompoundingFrequencyPeriod	[0..1]	int	Conditionally required when UnderlyingPaymentStreamCompoundingFrequencyUnit(42911) is specified.
UnderlyingPaymentStreamCompoundingFrequencyUnit	[0..1]	CodeSet	Conditionally required when UnderlyingPaymentStreamCompoundingFrequencyPeriod(42910) is specified.
UnderlyingPaymentStreamCompoundingRollConvention	[0..1]	CodeSet	When specified, this overrides the date roll convention defined in the UnderlyingDateAdjustment component in UnderlyingInstrument. The specified value would be specific to this instance of the payment stream dates.

Name	Mult.	Type	Description
<a href="#">UnderlyingPaymentStreamBounds-FirstDateUnadjusted</a>	[0..1]	LocalMktDate	
<a href="#">UnderlyingPaymentStreamBoundsLastDateUnadjusted</a>	[0..1]	LocalMktDate	

Used in components: [UnderlyingPaymentStream](#)

### 170.2.5981 UnderlyingPaymentStreamCompoundingDatesOffsetDayType

Specifies the day type of the relative compounding date offset.

Type: [int](#)

Allowed values in PaymentStreamPaymentDateOffsetDayTypeCodeSet:

Code	Name	Description
0	Business	Business
1	Calendar	Calendar
2	CommodityBusiness	Commodity business
3	CurrencyBusiness	Currency business
4	ExchangeBusiness	Exchange business
5	ScheduledTradingDay	Scheduled trading day

Used in components: [UnderlyingPaymentStreamCompoundingDates](#)

### 170.2.5982 UnderlyingPaymentStreamCompoundingDatesOffsetPeriod

Time unit multiplier for the relative compounding date offset.

Type: [int](#)

Used in components: [UnderlyingPaymentStreamCompoundingDates](#)

### 170.2.5983 UnderlyingPaymentStreamCompoundingDatesOffsetUnit

Time unit associated with the relative compounding date offset.

Type: **String**

Allowed values in PaymentStreamPaymentDateOffsetUnitCodeSet:

---

Code	Name	Description
D	Day	Day
Wk	Week	Week
Mo	Month	Month
Yr	Year	Year

---

Used in components: **UnderlyingPaymentStreamCompoundingDates**

#### **170.2.5984 UnderlyingPaymentStreamCompoundingDatesRelativeTo**

Specifies the anchor date when the compounding dates are relative to an anchor date.

See [http://www.fixtradingcommunity.org/codelists#Relative\\_To\\_Date](http://www.fixtradingcommunity.org/codelists#Relative_To_Date) for values.

Type: **int**

Used in components: **UnderlyingPaymentStreamCompoundingDates**

#### **170.2.5985 UnderlyingPaymentStreamCompoundingDateType**

Specifies the type of payment compounding date (e.g. adjusted for holidays).

Type: **int**

Allowed values in NonDeliverableFixingDateTypeCodeSet:

---

Code	Name	Description
0	Unadjusted	Unadjusted
1	Adjusted	Adjusted

---

Used in groups: **UnderlyingPaymentStreamCompoundingDateGrp**

**170.2.5986 UnderlyingPaymentStreamCompoundingEndDateAdjusted**

The adjusted compounding end date.

Type: [LocalMktDate](#)

Used in components: [UnderlyingPaymentStreamCompoundingEndDate](#)

**170.2.5987 UnderlyingPaymentStreamCompoundingEndDate**

[UnderlyingPaymentStreamCompoundingEndDate](#) is a subcomponent of the [UnderlyingPaymentStreamCompoundingDates](#) component used to specify the end date for compounding.

Name	Mult.	Type	Description
<a href="#">UnderlyingPaymentStreamCompoundingEndDateUnadjusted</a>	[0..1]	LocalMktDate	
<a href="#">UnderlyingPaymentStreamCompoundingEndDateRelativeTo</a>	[0..1]	int	
<a href="#">UnderlyingPaymentStreamCompoundingEndDateOffsetPeriod</a>	[0..1]	int	Conditionally required when <a href="#">UnderlyingPaymentStreamCompoundingEndDateOffsetUnit(42920)</a> is specified.
<a href="#">UnderlyingPaymentStreamCompoundingEndDateOffsetUnit</a>	[0..1]	CodeSet	Conditionally required when <a href="#">UnderlyingPaymentStreamCompoundingEndDateOffsetPeriod(42919)</a> is specified.
<a href="#">UnderlyingPaymentStreamCompoundingEndDateOffsetDayType</a>	[0..1]	CodeSet	
<a href="#">UnderlyingPaymentStreamCompoundingEndDateAdjusted</a>	[0..1]	LocalMktDate	

Used in components: [UnderlyingPaymentStreamCompoundingDates](#)

**170.2.5988 UnderlyingPaymentStreamCompoundingEndDateOffsetDayType**

Specifies the day type of the relative compounding end date offset.

Type: [int](#)

Allowed values in [PaymentStreamPaymentDateOffsetDayTypeCodeSet](#):

---

Code	Name	Description
0	Business	Business
1	Calendar	Calendar
2	CommodityBusiness	Commodity business
3	CurrencyBusiness	Currency business
4	ExchangeBusiness	Exchange business
5	ScheduledTradingDay	Scheduled trading day

---

Used in components: [UnderlyingPaymentStreamCompoundingEndDate](#)

#### **170.2.5989 UnderlyingPaymentStreamCompoundingEndDateOffsetPeriod**

Time unit multiplier for the relative compounding end date offset.

Type: [int](#)

Used in components: [UnderlyingPaymentStreamCompoundingEndDate](#)

#### **170.2.5990 UnderlyingPaymentStreamCompoundingEndDateOffsetUnit**

Time unit associated with the relative compounding end date offset.

Type: [String](#)

Allowed values in PaymentStreamPaymentDateOffsetUnitCodeSet:

---

Code	Name	Description
D	Day	Day
Wk	Week	Week
Mo	Month	Month
Yr	Year	Year

---

Used in components: [UnderlyingPaymentStreamCompoundingEndDate](#)

#### **170.2.5991 UnderlyingPaymentStreamCompoundingEndDateRelativeTo**

Specifies the anchor date when the compounding end date is relative to an anchor date.

See [http://www.fixtradingcommunity.org/codelists#Relative\\_To\\_Date](http://www.fixtradingcommunity.org/codelists#Relative_To_Date) for values.

Type: **int**

Used in components: **UnderlyingPaymentStreamCompoundingEndDate**

### **170.2.5992 UnderlyingPaymentStreamCompoundingEndDateUnadjusted**

The unadjusted compounding end date.

Type: **LocalMktDate**

Used in components: **UnderlyingPaymentStreamCompoundingEndDate**

### **170.2.5993 UnderlyingPaymentStreamCompoundingFinalRatePrecision**

Specifies the compounding floating rate rounding precision in terms of a number of decimal places. Note how a percentage rate rounding of 5 decimal places is expressed as a rounding precision of 7.

Type: **int**

Used in components: **UnderlyingPaymentStreamCompoundingFloatingRate**

### **170.2.5994 UnderlyingPaymentStreamCompoundingFinalRateRoundingDirection**

Specifies the rounding direction for the compounding floating rate.

Type: **char**

Allowed values in RoundingDirectionCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	RoundToNearest	Round to nearest
1	RoundDown	Round down
2	RoundUp	Round up

---

Used in components: **UnderlyingPaymentStreamCompoundingFloatingRate**

**170.2.5995 UnderlyingPaymentStreamCompoundingFixedRate**

The compounding fixed rate applicable to the payment stream.

Type: **float**

Used in components: **UnderlyingPaymentStream**

**170.2.5996 UnderlyingPaymentStreamCompoundingFloatingRate**

UnderlyingPaymentStreamCompoundingFloatingRate is a subcomponent of the UnderlyingPaymentStream component used to report the parameters for determining the compounding floating rate of the stream.

<b>Name</b>	<b>Mult.</b>	<b>Type</b>	<b>Description</b>
UnderlyingPaymentStreamCompoundingRateIndex	[0..1]	String	
UnderlyingPaymentStreamCompoundingRateIndexCurvePeriod	[0..1]	int	Conditionally required if UnderlyingPaymentStreamCompoundingRateIndexCurveUnit(42925) is specified.
UnderlyingPaymentStreamCompoundingRateIndexCurveUnit	[0..1]	CodeSet	Conditionally required if UnderlyingPaymentStreamCompoundingRateIndexCurvePeriod(42924) is specified.
UnderlyingPaymentStreamCompoundingRateMultiplier	[0..1]	float	
UnderlyingPaymentStreamCompoundingRateSpread	[0..1]	PriceOffset	
UnderlyingPaymentStreamCompoundingRateSpreadPositionType	[0..1]	CodeSet	
UnderlyingPaymentStreamCompoundingRateTreatment	[0..1]	CodeSet	
UnderlyingPaymentStreamCompoundingCapRate	[0..1]	Percentage	
UnderlyingPaymentStreamCompoundingCapRateBuySide	[0..1]	CodeSet	
UnderlyingPaymentStreamCompoundingCapRateSellSide	[0..1]	CodeSet	
UnderlyingPaymentStreamCompoundingFloorRate	[0..1]	Percentage	
UnderlyingPaymentStreamCompoundingFloorRateBuySide	[0..1]	CodeSet	

Name	Mult.	Type	Description
UnderlyingPaymentStreamCompoundingFloorRateSellSide	[0..1]	CodeSet	
UnderlyingPaymentStreamCompoundingInitialRate	[0..1]	Percentage	
UnderlyingPaymentStreamCompoundingFinalRateRoundingDirection	[0..1]	CodeSet	
UnderlyingPaymentStreamCompoundingFinalRatePrecision	[0..1]	int	
UnderlyingPaymentStreamCompoundingAveragingMethod	[0..1]	CodeSet	
UnderlyingPaymentStreamCompoundingNegativeRateTreatment	[0..1]	CodeSet	

Used in components: [UnderlyingPaymentStream](#)

### 170.2.5997 UnderlyingPaymentStreamCompoundingFloorRate

The floor rate, if any, which applies to the compounding floating rate. The floor rate (strike) is only required where the compounding floating rate on a swap stream is floored at a certain strike level. The floor rate is assumed to be exclusive of any spread and is a per annum rate. The rate is expressed as a decimal, e.g. 5% is represented as "0.05".

Type: [Percentage](#)

Used in components: [UnderlyingPaymentStreamCompoundingFloatingRate](#)

### 170.2.5998 UnderlyingPaymentStreamCompoundingFloorRateBuySide

Reference to the buyer of the compounding floor rate option through its trade side.

Type: [int](#)

Allowed values in PaymentStreamFloorRateBuySideCodeSet:

Code	Name	Description
1	Buyer	Buyer of the trade
2	Seller	Seller of the trade

Used in components: [UnderlyingPaymentStreamCompoundingFloatingRate](#)



**170.2.5999 UnderlyingPaymentStreamCompoundingFloorRateSellSide**

Reference to the seller of the floor rate option through its trade side.

Type: **int**

Allowed values in PaymentStreamFloorRateBuySideCodeSet:

---

Code	Name	Description
1	Buyer	Buyer of the trade
2	Seller	Seller of the trade

---

Used in components: [UnderlyingPaymentStreamCompoundingFloatingRate](#)

**170.2.6000 UnderlyingPaymentStreamCompoundingFrequencyPeriod**

Time unit multiplier for the frequency at which compounding dates occur.

Type: **int**

Used in components: [UnderlyingPaymentStreamCompoundingDates](#)

**170.2.6001 UnderlyingPaymentStreamCompoundingFrequencyUnit**

Time unit associated with the frequency at which compounding dates occur.

Type: **String**

Allowed values in CouponFrequencyUnitCodeSet:

---

Code	Name	Description
D	Day	Day
Wk	Week	Week
Mo	Month	Month
Yr	Year	Year
H	Hour	Hour
Min	Minute	Minute
S	Second	Second
T	Term	Term

---

Used in components: [UnderlyingPaymentStreamCompoundingDates](#)

**170.2.6002 UnderlyingPaymentStreamCompoundingInitialRate**

The initial compounding floating rate reset agreed between the principal parties involved in the trade. It should only be included when the rate is not equal to the rate published on the source implied by the floating rate index. The initial rate is expressed in decimal form, e.g. 5% is represented as "0.05".

Type: **Percentage**

Used in components: **UnderlyingPaymentStreamCompoundingFloatingRate**

**170.2.6003 UnderlyingPaymentStreamCompoundingMethod**

Compounding Method.

Type: **int**

Allowed values in PaymentStreamCompoundingMethodCodeSet:

Code	Name	Description
0	None	None
1	Flat	Flat
2	Straight	Straight
3	SpreadExclusive	Spread exclusive

Used in components: **UnderlyingPaymentStream**

**170.2.6004 UnderlyingPaymentStreamCompoundingNegativeRateTreatment**

Specifies the method for calculating payment obligations when a compounding floating rate is negative (either due to a quoted negative floating rate or by operation of a spread that is subtracted from the floating rate).

Type: **int**

Allowed values in PaymentStreamNegativeRateTreatmentCodeSet:

Code	Name	Description
0	ZeroInterestRateMethod	Zero interest rate method
1	NegativeInterestRateMethod	Negative interest rate method

Used in components: **UnderlyingPaymentStreamCompoundingFloatingRate**

**170.2.6005 UnderlyingPaymentStreamCompoundingPeriodSkip**

The number of periods in the "RelativeTo" schedule that are between each date in the compounding schedule. A skip of 2 would mean that compounding dates are relative to every second date in the "RelativeTo" schedule. If present this should have a value greater than 1.

Type: **int**

Used in components: **UnderlyingPaymentStreamCompoundingDates**

**170.2.6006 UnderlyingPaymentStreamCompoundingRateIndex**

The payment stream's compounding floating rate index.

Type: **String**

Used in components: **UnderlyingPaymentStreamCompoundingFloatingRate**

**170.2.6007 UnderlyingPaymentStreamCompoundingRateIndexCurvePeriod**

Time unit multiplier for the payment stream's compounding floating rate index curve period.

Type: **int**

Used in components: **UnderlyingPaymentStreamCompoundingFloatingRate**

**170.2.6008 UnderlyingPaymentStreamCompoundingRateIndexCurveUnit**

Time unit associated with the payment stream's compounding floating rate index curve period.

Type: **String**

Allowed values in PaymentStreamRateIndexCurveUnitCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
D	Day	Day
Wk	Week	Week
Mo	Month	Month
Yr	Year	Year

---

Used in components: **UnderlyingPaymentStreamCompoundingFloatingRate**

**170.2.6009 UnderlyingPaymentStreamCompoundingRateMultiplier**

A rate multiplier to apply to the compounding floating rate. The multiplier can be less than or greater than 1 (one). This should only be included if the multiplier is not equal to 1 (one) for the term of the stream.

Type: **float**

Used in components: **UnderlyingPaymentStreamCompoundingFloatingRate**

**170.2.6010 UnderlyingPaymentStreamCompoundingRateSpread**

The basis points spread from the index specified in UnderlyingPaymentStreamCompoundingRateIndex(42923).

Type: **PriceOffset**

Used in components: **UnderlyingPaymentStreamCompoundingFloatingRate**

**170.2.6011 UnderlyingPaymentStreamCompoundingRateSpreadPositionType**

Identifies whether the rate spread is applied to a long or short position.

Type: **int**

Allowed values in PaymentStreamRateSpreadPositionTypeCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	Short	Short
1	Long	Long

---

Used in components: **UnderlyingPaymentStreamCompoundingFloatingRate**

**170.2.6012 UnderlyingPaymentStreamCompoundingRateTreatment**

Specifies the yield calculation treatment for the index.

Type: **int**

Allowed values in PaymentStreamRateTreatmentCodeSet:

Code	Name	Description
0	BondEquivalentYield	Bond equivalent yield
1	MoneyMarketYield	Money market yield

Used in components: [UnderlyingPaymentStreamCompoundingFloatingRate](#)

### 170.2.6013 UnderlyingPaymentStreamCompoundingRollConvention

The convention for determining the sequence of compounding dates. It is used in conjunction with a specified frequency.

Type: [String](#)

Allowed values in DateRollConventionCodeSet:

Code	Name	Description
1	FirstDay	1st day of the month
2	SecondDay	2nd day of the month
3	ThirdDay	3rd day of the month
4	FourthDay	4th day of the month
5	FifthDay	5th day of the month
6	SixthDay	6th day of the month
7	SeventhDay	7th day of the month
8	EighthDay	8th day of the month
9	NinthDay	9th day of the month
10	TenthDay	10th day of the month
11	EleventhDay	11th day of the month
12	TwelvthDay	12th day of the month
13	ThirteenthDay	13th day of the month
14	ForteenthDay	14th day of the month
15	FifteenthDay	15th day of the month
16	SixteenthDay	16th day of the month
17	SeventeenthDay	17th day of the month
18	EighteenthDay	18th day of the month
19	NineteenthDay	19th day of the month
20	TwentiethDay	20th day of the month

Code	Name	Description
21	TwentyFirstDay	21st day of the month
22	TwentySecondDay	22nd day of the month
23	TwentyThirdDay	23rd day of the month
24	TwentyFourthDay	24th day of the month
25	TwentyFifthDay	25th day of the month
26	TwentySixthDay	26th day of the month
27	TwentySeventhDay	27th day of the month
28	TwentyEighthDay	28th day of the month
29	TwentyNinthDay	29th day of the month
30	ThirtiethDay	30th day of the month
EOM	EOM	The end of the month. Use EOM for 31st day of the month.
FRN	FRN	The floating rate note convention or Eurodollar convention.
IMM	IMM	The International Money Market settlement date, i.e. the 3rd Wednesday of the month.
IMMCAD	IMMCAD	The last trading day/expiration day of the Canadian Derivatives Exchange.
IMMAUD	IMMAUD	The last trading day of the Sydney Futures Exchange Australian 90-day bank accepted bill futures contract.
IMMNZD	IMMNZD	The last trading day of the Sydney Futures Exchange New Zealand 90-day bank bill futures contract.
SFE	SFE	The Sydney Futures Exchange 90-day bank accepted bill futures settlement dates.
NONE	NONE	No adjustment
TBILL	TBILL	The 13-week and 26-week U.S. Treasury Bill auction dates.
MON	MON	Monday
TUE	TUE	Tuesday
WED	WED	Wednesday
THU	THU	Thursday
FRI	FRI	Friday
SAT	SAT	Saturday
SUN	SUN	Sunday

Used in components: [UnderlyingPaymentStreamCompoundingDates](#)

**170.2.6014 UnderlyingPaymentStreamCompoundingSpread**

The spread to be used for compounding. Used in scenarios where the interest payment is based on a compounding formula that uses a compounding spread in addition to the regular spread.

Type: [PriceOffset](#)

Used in components: [UnderlyingPaymentStream](#)

**170.2.6015 UnderlyingPaymentStreamCompoundingStartDateAdjusted**

The adjusted compounding start date.

Type: [LocalMktDate](#)

Used in components: [UnderlyingPaymentStreamCompoundingStartDate](#)

**170.2.6016 UnderlyingPaymentStreamCompoundingStartDate**

[UnderlyingPaymentStreamCompoundingStartDate](#) is a subcomponent of the [UnderlyingPaymentStreamCompoundingDates](#) component used to specify the start date for compounding.

Name	Mult.	Type	Description
<a href="#">UnderlyingPaymentStreamCompoundingStartDateUnadjusted</a>	[0..1]	LocalMktDate	
<a href="#">UnderlyingPaymentStreamCompoundingStartDateRelativeTo</a>	[0..1]	int	
<a href="#">UnderlyingPaymentStreamCompoundingStartDateOffsetPeriod</a>	[0..1]	int	Conditionally required when <a href="#">UnderlyingPaymentStreamCompoundingStartDateOffsetUnit(42944)</a> is specified.
<a href="#">UnderlyingPaymentStreamCompoundingStartDateOffsetUnit</a>	[0..1]	CodeSet	Conditionally required when <a href="#">UnderlyingPaymentStreamCompoundingStartDateOffsetPeriod(42943)</a> is specified.
<a href="#">UnderlyingPaymentStreamCompoundingStartDateOffsetDayType</a>	[0..1]	CodeSet	
<a href="#">UnderlyingPaymentStreamCompoundingStartDateAdjusted</a>	[0..1]	LocalMktDate	

Used in components: [UnderlyingPaymentStreamCompoundingDates](#)

**170.2.6017 UnderlyingPaymentStreamCompoundingStartDateOffsetDayType**

Specifies the day type of the relative compounding start date offset.

Type: **int**

Allowed values in PaymentStreamPaymentDateOffsetDayTypeCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	Business	Business
1	Calendar	Calendar
2	CommodityBusiness	Commodity business
3	CurrencyBusiness	Currency business
4	ExchangeBusiness	Exchange business
5	ScheduledTradingDay	Scheduled trading day

---

Used in components: **UnderlyingPaymentStreamCompoundingStartDate**

**170.2.6018 UnderlyingPaymentStreamCompoundingStartDateOffsetPeriod**

Time unit multiplier for the relative compounding start date offset.

Type: **int**

Used in components: **UnderlyingPaymentStreamCompoundingStartDate**

**170.2.6019 UnderlyingPaymentStreamCompoundingStartDateOffsetUnit**

Time unit associated with the relative compounding start date offset.

Type: **String**

Allowed values in PaymentStreamPaymentDateOffsetUnitCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
D	Day	Day
Wk	Week	Week
Mo	Month	Month
Yr	Year	Year

---

Used in components: **UnderlyingPaymentStreamCompoundingStartDate**



#### **170.2.6020 UnderlyingPaymentStreamCompoundingStartDateRelativeTo**

Specifies the anchor date when the compounding start date is relative to an anchor date.

See [http://www.fixtradingcommunity.org/codelists#Relative\\_To\\_Date](http://www.fixtradingcommunity.org/codelists#Relative_To_Date) for values.

Type: **int**

Used in components: **UnderlyingPaymentStreamCompoundingStartDate**

#### **170.2.6021 UnderlyingPaymentStreamCompoundingStartDateUnadjusted**

The unadjusted compounding start date.

Type: **LocalMktDate**

Used in components: **UnderlyingPaymentStreamCompoundingStartDate**

#### **170.2.6022 UnderlyingPaymentStreamCompoundingXIDRef**

Reference to the stream which details the compounding fixed or floating rate.

Type: **XIDREF**

Used in components: **UnderlyingPaymentStream**

#### **170.2.6023 UnderlyingPaymentStreamContractPrice**

The price per relevant unit for purposes of the calculation of a fixed amount for a dry voyage charter or time charter commodity swap.

Type: **Price**

Used in components: **UnderlyingPaymentStreamFixedRate**

#### **170.2.6024 UnderlyingPaymentStreamContractPriceCurrency**

Specifies the currency of UnderlyingPaymentStreamContractPrice(41907). Uses ISO 4217 currency codes.

Type: **Currency**

Used in components: **UnderlyingPaymentStreamFixedRate**

**170.2.6025 UnderlyingPaymentStreamDayCount**

The day count convention used in the payment stream calculations.

Type: **int**

Allowed values in CouponDayCountCodeSet:

Code	Name	Description
0	OneOne	1/1. If parties specify the Day Count Fraction to be 1/1 then in calculating the applicable amount, 1 is simply input into the calculation as the relevant Day Count Fraction. See also 2006 ISDA Definitions, Section 4.16. Day Count Fraction, paragraph (a).
1	ThirtyThreeSixtyUS	30/360 (30U/360 or Bond Basis). See also ISO 15022 MICO code 'A001'.
2	ThirtyThreeSixtySIA	30/360 (SIA). A variant of "30/360" - when Date1 and Date2 are both Feb. 28th or 29th convert them to 30th using the same logic in the conversion of 31st to 30th.
3	ThirtyThreeSixtyM	30/360M. Commonly used day count convention for US mortgage backed securities. Feb 28th (or 29th in a leap year) is always considered as a 30th for a start date. As a comparison, in the regular 30/360 day count as used by most US agency and corporate bonds, a start date of Feb 28th (or 29th in a leap year) is still considered as the 28th (or 29th) day of a month of 30 days.
4	ThirtyEThreeSixty	30E/360 (Eurobond Basis). See also ISO 15022 MICO code 'A007'.
5	ThirtyEThreeSixtyISDA	30E/360 (ISDA). Date adjustment rules are: (1) if Date1 is the last day of the month, then change Date1 to 30; (2) if D2 is the last day of the month (unless Date2 is the maturity date and Date2 is in February), then change Date2 to 30. See also 2006 ISDA Definitions, Section 4.16. Day Count Fraction, paragraph (h).
6	ActThreeSixty	Act/360. See also ISO 15022 MICO code 'A004'.
7	ActThreeSixtyFiveFixed	Act/365 (FIXED). See also ISO 15022 MICO code 'A005'.
8	ActActAFB	Act/Act (AFB). See also ISO 15022 MICO code 'A010'.
9	ActActICMA	Act/Act (ICMA). See also ISO 15022 MICO code 'A006'.
10	ActActISMAUltimo	Act/Act (ICMA Ultimo). The Act/Act (ICMA Ultimo) differs from Act/Act (ICMA) method only that it assumes that regular coupons always fall on the last day of the month.
11	ActActISDA	Act/Act (ISDA). See also ISO 15022 MICO code 'A008'.

Code	Name	Description
12	BusTwoFiftyTwo	BUS/252. Used for Brazilian Real swaps, which is based on business days instead of calendar days. The number of business days divided by 252.
13	ThirtyEPlusThreeSixty	30E+/360. Variation on 30E/360. Date adjustment rules: (1) If Date1 falls on the 31st, then change it to the 30th; (2) If Date2 falls on the 31st, then change it to 1 and increase Month2 by one, i.e. next month.
14	ActThreeSixtyFiveL	Act/365L. See also ISO 15022 MICO code 'A009'.
15	NLThreeSixtyFive	NL365. See also ISO 15022 MICO code 'A014'.
16	NLThreeSixty	NL360. This is the same as Act/360, with the exception of leap days (29th February) which are ignored.
17	Act364	Act/364. The actual number of days between Date1 and Date2, divided by 364.
18	ThirtyThreeSixtyFive	30/365. Interest is calculated based on a 30-day month in a way similar to the 30/360 (basic rule) and a 365-day year. Accrued interest to a value date on the last day of a month shall be the same as to the 30th calendar day of the same month, except for February. This means that a 31 is assumed to be a 30 and the 28 February (or 29 February for a leap year) is assumed to be a 28 (or 29). See also ISO 15022 MICO code 'A002'.
19	ThirtyActual	30/Actual. Interest is calculated based on a 30-day month in a way similar to the 30/360 (basic rule) and the assumed number of days in a year in a way similar to the Actual/Actual (ICMA). Accrued interest to a value date on the last day of a month shall be the same as to the 30th calendar day of the same month, except for February. This means that a 31 is assumed to be a 30 and the 28 February (or 29 February for a leap year) is assumed to be a 28 (or 29). The assumed number of days in a year is computed as the actual number of days in the coupon period multiplied by the number of interest payments in the year. See also ISO 15022 MICO code 'A003'.
20	ThirtyThreeSixtyICMA	30/360 (ICMA or basis rule). Interest is calculated based on a 30-day month and a 360-day year. Accrued interest to a value date on the last day of a month shall be the same as to the 30th calendar day of the same month, except for February. This means that a 31 is assumed to be a 30 and the 28 February (or 29 February for a leap year) is assumed to be a 28 (or 29). It is the most commonly used 30/360 method for non-US straight and convertible bonds issued before 1 January 1999. See also ISO 15022 MICO code 'A011'.

Code	Name	Description
21	ThirtyETwoThreeSixty	30E2/360 (Eurobond basis model two). Interest is calculated based on a 30-day month and a 360-day year. Accrued interest to a value date on the last day of a month shall be the same as to the 30th calendar day of the same month, except for the last day of February whose day of the month value shall be adapted to the value of the first day of the interest period if the latter is higher and if the period is one of a regular schedule. This means that a 31 is assumed to be a 30 and the 28 February of a non-leap year is assumed to be equivalent to a 29 February when the first day of the interest period is a 29, or to a 30 February when the first day of the interest period is a 30 or a 31. The 29 February of a leap year is assumed to be equivalent to a 30 February when the first day of the interest period is a 30 or a 31. Similarly, if the coupon period starts on the last day of February, it is assumed to produce only one day of interest in February as if it was starting on a 30 February when the end of the period is a 30 or a 31, or two days of interest in February when the end of the period is a 29, or three days of interest in February when it is the 28 February of a non-leap year and the end of the period is before the 29. See also ISO 15022 MICO code 'A012'.
22	ThirtyEThreeThreeSixty	30E3/360 (Eurobond basis model three). Interest is calculated based on a 30-day month and a 360-day year. Accrued interest to a value date on the last day of a month shall be the same as to the 30th calendar day of the same month. This means that a 31 is assumed to be a 30 and the 28 February (or 29 February for a leap year) is assumed to be equivalent to a 30 February. It is a variation of the 30E/360 (or Eurobond basis) method where the last day of February is always assumed to be a 30, even if it is the last day of the maturity coupon period. See also ISO 15022 MICO code 'A013'.
99	Other	Other. For other day count method. See also ISO 15022 MICO code 'OTHR'.

Used in components: [UnderlyingPaymentStream](#)

### 170.2.6026 UnderlyingPaymentStreamDaysAdjustmentIndicator

Indicates whether the contract specifies that the notional should be scaled by the number of days in range divided by the estimate trading days or not. The number of "days in range" refers to the number of returns that contribute to the realized volatility.

Type: **Boolean**

Used in components: **UnderlyingPaymentStreamFloatingRate**

### **170.2.6027 UnderlyingPaymentStreamDelayIndicator**

Applicable to credit default swaps on mortgage backed securities to specify whether payment delays are applicable to the fixed amount.

Residential mortgage backed securities typically have a payment delay of 5 days between the coupon date of the reference obligation and the payment date of the synthetic swap.

Commercial mortgage backed securities do not typically have a payment delay, with both payment dates (the coupon date of the reference obligation and the payment date of the synthetic swap) being on the 25th of each month.

Type: **Boolean**

Used in components: **UnderlyingPaymentStream**

### **170.2.6028 UnderlyingPaymentStreamDiscountRate**

Discount rate. The rate is expressed in decimal, e.g. 5% is expressed as 0.05.

Type: **Percentage**

Used in components: **UnderlyingPaymentStream**

### **170.2.6029 UnderlyingPaymentStreamDiscountRateDayCount**

The day count convention applied to the UnderlyingPaymentStreamDiscountRate(40575).

Type: **int**

Allowed values in CouponDayCountCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	OneOne	1/1. If parties specify the Day Count Fraction to be 1/1 then in calculating the applicable amount, 1 is simply input into the calculation as the relevant Day Count Fraction. See also 2006 ISDA Definitions, Section 4.16. Day Count Fraction, paragraph (a).

---

Code	Name	Description
1	ThirtyThreeSixtyUS	30/360 (30U/360 or Bond Basis). See also ISO 15022 MICO code 'A001'.
2	ThirtyThreeSixtySIA	30/360 (SIA). A variant of "30/360" - when Date1 and Date2 are both Feb. 28th or 29th convert them to 30th using the same logic in the conversion of 31st to 30th.
3	ThirtyThreeSixtyM	30/360M. Commonly used day count convention for US mortgage backed securities. Feb 28th (or 29th in a leap year) is always considered as a 30th for a start date. As a comparison, in the regular 30/360 day count as used by most US agency and corporate bonds, a start date of Feb 28th (or 29th in a leap year) is still considered as the 28th (or 29th) day of a month of 30 days.
4	ThirtyEThreeSixty	30E/360 (Eurobond Basis). See also ISO 15022 MICO code 'A007'.
5	ThirtyEThreeSixtyISDA	30E/360 (ISDA). Date adjustment rules are: (1) if Date1 is the last day of the month, then change Date1 to 30; (2) if D2 is the last day of the month (unless Date2 is the maturity date and Date2 is in February), then change Date2 to 30. See also 2006 ISDA Definitions, Section 4.16. Day Count Fraction, paragraph (h).
6	ActThreeSixty	Act/360. See also ISO 15022 MICO code 'A004'.
7	ActThreeSixtyFiveFixed	Act/365 (FIXED). See also ISO 15022 MICO code 'A005'.
8	ActActAFB	Act/Act (AFB). See also ISO 15022 MICO code 'A010'.
9	ActActICMA	Act/Act (ICMA). See also ISO 15022 MICO code 'A006'.
10	ActActISMAUltimo	Act/Act (ICMA Ultimo). The Act/Act (ICMA Ultimo) differs from Act/Act (ICMA) method only that it assumes that regular coupons always fall on the last day of the month.
11	ActActISDA	Act/Act (ISDA). See also ISO 15022 MICO code 'A008'.
12	BusTwoFiftyTwo	BUS/252. Used for Brazilian Real swaps, which is based on business days instead of calendar days. The number of business days divided by 252.
13	ThirtyEPlusThreeSixty	30E+/360. Variation on 30E/360. Date adjustment rules: (1) If Date1 falls on the 31st, then change it to the 30th; (2) If Date2 falls on the 31st, then change it to 1 and increase Month2 by one, i.e. next month.
14	ActThreeSixtyFiveL	Act/365L. See also ISO 15022 MICO code 'A009'.
15	NLThreeSixtyFive	NL365. See also ISO 15022 MICO code 'A014'.
16	NLThreeSixty	NL360. This is the same as Act/360, with the exception of leap days (29th February) which are ignored.
17	Act364	Act/364. The actual number of days between Date1 and Date2, divided by 364.

<b>Code</b>	<b>Name</b>	<b>Description</b>
18	ThirtyThreeSixtyFive	30/365. Interest is calculated based on a 30-day month in a way similar to the 30/360 (basic rule) and a 365-day year. Accrued interest to a value date on the last day of a month shall be the same as to the 30th calendar day of the same month, except for February. This means that a 31 is assumed to be a 30 and the 28 February (or 29 February for a leap year) is assumed to be a 28 (or 29). See also ISO 15022 MICO code 'A002'.
19	ThirtyActual	30/Actual. Interest is calculated based on a 30-day month in a way similar to the 30/360 (basic rule) and the assumed number of days in a year in a way similar to the Actual/Actual (ICMA). Accrued interest to a value date on the last day of a month shall be the same as to the 30th calendar day of the same month, except for February. This means that a 31 is assumed to be a 30 and the 28 February (or 29 February for a leap year) is assumed to be a 28 (or 29). The assumed number of days in a year is computed as the actual number of days in the coupon period multiplied by the number of interest payments in the year. See also ISO 15022 MICO code 'A003'.
20	ThirtyThreeSixtyICMA	30/360 (ICMA or basis rule). Interest is calculated based on a 30-day month and a 360-day year. Accrued interest to a value date on the last day of a month shall be the same as to the 30 calendar day of the same month, except for February. This means that a 31 is assumed to be a 30 and the 28 February (or 29 February for a leap year) is assumed to be a 28 (or 29). It is the most commonly used 30/360 method for non-US straight and convertible bonds issued before 1 January 1999. See also ISO 15022 MICO code 'A011'.

Code	Name	Description
21	ThirtyETwoThreeSixty	30E2/360 (Eurobond basis model two). Interest is calculated based on a 30-day month and a 360-day year. Accrued interest to a value date on the last day of a month shall be the same as to the 30th calendar day of the same month, except for the last day of February whose day of the month value shall be adapted to the value of the first day of the interest period if the latter is higher and if the period is one of a regular schedule. This means that a 31 is assumed to be a 30 and the 28 February of a non-leap year is assumed to be equivalent to a 29 February when the first day of the interest period is a 29, or to a 30 February when the first day of the interest period is a 30 or a 31. The 29 February of a leap year is assumed to be equivalent to a 30 February when the first day of the interest period is a 30 or a 31. Similarly, if the coupon period starts on the last day of February, it is assumed to produce only one day of interest in February as if it was starting on a 30 February when the end of the period is a 30 or a 31, or two days of interest in February when the end of the period is a 29, or three days of interest in February when it is the 28 February of a non-leap year and the end of the period is before the 29. See also ISO 15022 MICO code 'A012'.
22	ThirtyEThreeThreeSixty	30E3/360 (Eurobond basis model three). Interest is calculated based on a 30-day month and a 360-day year. Accrued interest to a value date on the last day of a month shall be the same as to the 30th calendar day of the same month. This means that a 31 is assumed to be a 30 and the 28 February (or 29 February for a leap year) is assumed to be equivalent to a 30 February. It is a variation of the 30E/360 (or Eurobond basis) method where the last day of February is always assumed to be a 30, even if it is the last day of the maturity coupon period. See also ISO 15022 MICO code 'A013'.
99	Other	Other. For other day count method. See also ISO 15022 MICO code 'OTHR'.

Used in components: [UnderlyingPaymentStream](#)

### 170.2.6030 UnderlyingPaymentStreamDiscountType

The method of calculating discounted payment amounts

Type: `int`



Allowed values in PaymentStreamDiscountTypeCodeSet:

Code	Name	Description
0	Standard	Standard
1	FRA	Forward Rate Agreement (FRA)

Used in components: [UnderlyingPaymentStream](#)

### 170.2.6031 UnderlyingPaymentStreamFinalPricePaymentDateAdjusted

The adjusted final price payment date.

Type: [LocalMktDate](#)

Used in components: [UnderlyingPaymentStreamFinalPricePaymentDate](#)

### 170.2.6032 UnderlyingPaymentStreamFinalPricePaymentDate

[UnderlyingPaymentStreamFinalPricePaymentDate](#) is a subcomponent of the [UnderlyingPaymentStreamPaymentDates](#) component used to specify the final price payment date, e.g. for an equity return swap.

Name	Mult.	Type	Description
<a href="#">UnderlyingPaymentStreamFinalPricePaymentDateUnadjusted</a>	[0..1]	LocalMktDate	
<a href="#">UnderlyingPaymentStreamFinalPricePaymentDateRelativeTo</a>	[0..1]	int	
<a href="#">UnderlyingPaymentStreamFinalPricePaymentDateOffsetPeriod</a>	[0..1]	int	Conditionally required when <a href="#">UnderlyingPaymentStreamFinalPricePaymentDateOffsetUnit(42952)</a> is specified.
<a href="#">UnderlyingPaymentStreamFinalPricePaymentDateOffsetUnit</a>	[0..1]	CodeSet	Conditionally required when <a href="#">UnderlyingPaymentStreamFinalPricePaymentDateOffsetPeriod(42951)</a> is specified.
<a href="#">UnderlyingPaymentStreamFinalPricePaymentDateOffsetDayType</a>	[0..1]	CodeSet	
<a href="#">UnderlyingPaymentStreamFinalPricePaymentDateAdjusted</a>	[0..1]	LocalMktDate	

Used in components: [UnderlyingPaymentStreamPaymentDates](#)

**170.2.6033 UnderlyingPaymentStreamFinalPricePaymentDateOffsetDayType**

Specifies the day type of the relative final price payment date offset.

Type: **int**

Allowed values in PaymentStreamPaymentDateOffsetDayTypeCodeSet:

---

Code	Name	Description
0	Business	Business
1	Calendar	Calendar
2	CommodityBusiness	Commodity business
3	CurrencyBusiness	Currency business
4	ExchangeBusiness	Exchange business
5	ScheduledTradingDay	Scheduled trading day

---

Used in components: [UnderlyingPaymentStreamFinalPricePaymentDate](#)

**170.2.6034 UnderlyingPaymentStreamFinalPricePaymentDateOffsetPeriod**

Time unit multiplier for the relative final price payment date offset.

Type: **int**

Used in components: [UnderlyingPaymentStreamFinalPricePaymentDate](#)

**170.2.6035 UnderlyingPaymentStreamFinalPricePaymentDateOffsetUnit**

Time unit associated with the relative final price payment date offset.

Type: **String**

Allowed values in PaymentStreamPaymentDateOffsetUnitCodeSet:

---

Code	Name	Description
D	Day	Day
Wk	Week	Week
Mo	Month	Month
Yr	Year	Year

---

Used in components: [UnderlyingPaymentStreamFinalPricePaymentDate](#)

#### **170.2.6036 UnderlyingPaymentStreamFinalPricePaymentDateRelativeTo**

Specifies the anchor date when the final price payment date is relative to an anchor date.

See [http://www.fixtradingcommunity.org/codelists#Relative\\_To\\_Date](http://www.fixtradingcommunity.org/codelists#Relative_To_Date) for values.

Type: **int**

Used in components: **UnderlyingPaymentStreamFinalPricePaymentDate**

#### **170.2.6037 UnderlyingPaymentStreamFinalPricePaymentDateUnadjusted**

The unadjusted final price payment date.

Type: **LocalMktDate**

Used in components: **UnderlyingPaymentStreamFinalPricePaymentDate**

#### **170.2.6038 UnderlyingPaymentStreamFinalPrincipalExchangeIndicator**

Indicates whether there is a final exchange of principal on the termination date.

Type: **Boolean**

Used in components: **UnderlyingPaymentStream**

#### **170.2.6039 UnderlyingPaymentStreamFinalRate**

The floating rate determined at the final reset. The rate is expressed in decimal form, e.g. 5% is represented as 0.05.

Type: **Percentage**

Used in components: **UnderlyingPaymentStreamFloatingRate**

#### **170.2.6040 UnderlyingPaymentStreamFinalRatePrecision**

Specifies the rounding precision in terms of a number of decimal places. Note how a percentage rate rounding of 5 decimal places is expressed as a rounding precision of 7.

Type: **int**

Used in components: **UnderlyingPaymentStreamFloatingRate**

**170.2.6041 UnderlyingPaymentStreamFinalRateRoundingDirection**

Specifies the rounding direction.

Type: **char**

Allowed values in RoundingDirectionCodeSet:

---

Code	Name	Description
0	RoundToNearest	Round to nearest
1	RoundDown	Round down
2	RoundUp	Round up

---

Used in components: **UnderlyingPaymentStreamFloatingRate**

**170.2.6042 UnderlyingPaymentStreamFirstObservationDateAdjusted**

The adjusted initial price observation date.

Type: **LocalMktDate**

Used in components: **UnderlyingPaymentStreamFloatingRate**

**170.2.6043 UnderlyingPaymentStreamFirstObservationDateOffsetDayType**

Specifies the day type of the initial price observation date offset.

Type: **int**

Allowed values in PaymentStreamPaymentDateOffsetDayTypeCodeSet:

---

Code	Name	Description
0	Business	Business
1	Calendar	Calendar
2	CommodityBusiness	Commodity business
3	CurrencyBusiness	Currency business
4	ExchangeBusiness	Exchange business
5	ScheduledTradingDay	Scheduled trading day

---

Used in components: **UnderlyingPaymentStreamFloatingRate**

**170.2.6044 UnderlyingPaymentStreamFirstObservationDateOffsetPeriod**

Time unit multiplier for the relative first observation date offset.

Type: **int**

Used in components: **UnderlyingPaymentStreamFloatingRate**

**170.2.6045 UnderlyingPaymentStreamFirstObservationDateOffsetUnit**

Time unit associated with the relative first observation date offset.

Type: **String**

Allowed values in PaymentStreamPaymentDateOffsetUnitCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
D	Day	Day
Wk	Week	Week
Mo	Month	Month
Yr	Year	Year

---

Used in components: **UnderlyingPaymentStreamFloatingRate**

**170.2.6046 UnderlyingPaymentStreamFirstObservationDateRelativeTo**

Specifies the anchor date when the initial price observation date is relative to an anchor date.

See [http://www.fixtradingcommunity.org/codelists#Relative\\_To\\_Date](http://www.fixtradingcommunity.org/codelists#Relative_To_Date) for values.

Type: **int**

Used in components: **UnderlyingPaymentStreamFloatingRate**

**170.2.6047 UnderlyingPaymentStreamFirstObservationDateUnadjusted**

The unadjusted initial price observation date.

Type: **LocalMktDate**

Used in components: **UnderlyingPaymentStreamFloatingRate**

**170.2.6048 UnderlyingPaymentStreamFirstPaymentDateUnadjusted**

The unadjusted first payment date.

Type: [LocalMktDate](#)

Used in components: [UnderlyingPaymentStreamPaymentDates](#)

**170.2.6049 UnderlyingPaymentStreamFixedAmount**

The underlying payment stream's fixed payment amount. In CDS an alternative to UnderlyingPaymentStreamRate(40615).

Type: [Amt](#)

Used in components: [UnderlyingPaymentStreamFixedRate](#)

**170.2.6050 UnderlyingPaymentStreamFixedAmountUnitOfMeasure**

Fixed payment amount unit of measure (UOM).

Type: [String](#)

Allowed values in UnitOfMeasureCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
Alw	Allowances	Allowances
Bcf	BillionCubicFeet	Billion cubic feet
Bbl	Barrels	Barrels. Equal to 42 US gallons
CBM	CubicMeters	Cubic Meters
BDFT	BoardFeet	Board feet. Equal to 144 cubic inches
GJ	Gigajoules	gigajoules
Bu	Bushels	Bushels
kHR	HeatRate	Heat rate. The number of BTUs required to produce one kilowatt hour of electricity, typically 3,412.14 BTUs per 1 kWh.
Ccy	Currency	Amount of currency
kWh	KilowattHours	Kilowatt hours
CDD	CoolingDegreeDay	Cooling degree day
MHR	MegaHeatRate	Mega heat rate. The number of million BTUs required to produce one megawatt hour of electricity, typically 3.41214 million BTUs per 1 MWh.

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
CER	CertifiedEmissionsReduction	Certified emissions reduction
MMBtu	OneMillionBTU	One Million BTU
CPD	CriticalPrecipDay	Critical precipitation day
MWh	MegawattHours	Megawatt hours
CRT	ClimateReserveTonnes	Climate reserve tonnes
thm	Therms	therms. Equal to 100,000 BTU
cwt	Hundredweight	Hundredweight(US). Equal to 100 lbs
tnCO2	TonsOfCarbonDioxide	Tons of carbon dioxide
day	Day	Days
dt	DryMetricTons	Dry metric tons
EnvAllwnc	EnvAllwncCert	Environmental allowance certificates
EnvCrd	EnvironmentalCredit	Environmental credit
EnvOfst	EnvironmentalOffset	Environmental Offset
g	Grams	Grams
Gal	Gallons	Gallons
GT	GrossTons	Gross tons. Also known as long tons or imperial tons, equal to 2240 lbs
HDD	HeatingDegreeDay	Heating degree day
IPNT	IndexPoint	Index point
kg	Kilograms	Kilograms
kL	Kiloliters	kiloliters
kW-a	KilowattYear	Kilowatt year (electrical capacity)
kW-d	KilowattDay	Kilowatt day (electrical capacity)
kW-h	KilowattHour	Kilowatt hour (electrical capacity)
kW-M	KilowattMonth	Kilowatt month (electrical capacity)
kW-min	KilowattMinute	Kilowatt-Minute (electrical capacity)
L	Liters	liters
lbs	Pounds	pounds
MW-a	MegawattYear	Megawatt year (electrical capacity)
MW-d	MegawattDay	Megawatt day (electrical capacity)
MW-h	MegawattHour	Megawatt hour (electrical capacity)
MW-M	MegawattMonth	Megawatt month (electrical capacity)
MW-min	MegawattMinute	Megawatt minute (electrical capacity)
oz_tr	TroyOunces	Troy ounces

<b>Code</b>	<b>Name</b>	<b>Description</b>
PRINC	PrincipalWithRelationToDebtInstrument	Principal with relation to debt instrument
t	MetricTons	Metric tons. Also known as Tonnes, equal to 1000 kg
tn	Tons	Tons (US). Equal to 2000 lbs
a	Are	Are
ac	Acre	Acre
cL	Centiliter	Centiliter
cM	Centimeter	Centimeter
DGE	DieselGallonEquivalent	Diesel gallon equivalent
ft	Foot	Foot
Gal_gb	GBGallon	GB Gallon
GGE	GasolineGallonEquivalent	Gasonline gallon equivalent
ha	Hectare	Hectare
in	Inch	Inch
kM	Kilometer	Kilometer
M	Meter	Meter
mi	Mile	Mile
mL	Milliliter	Milliliter
mM	Millimeter	Millimeter
oz	USOunce	US ounce
pc	Piece	Piece
pt	USPint	US Pint
pt_gb	GBPint	GB pint
qt	USQuart	US Quart
qt_gb	GBQuart	GB Quart
SqcM	SquareCentimeter	Square centimeter
Sqft	SquareFoot	Square foot
Sqin	SquareInch	Square inch
SqkM	SquareKilometer	Square kilometer
SqM	SquareMeter	Square meter
Sqmi	SquareMile	Square mile
SqmM	SquareMillimeter	Square millimeter
Sqyd	SquareYard	Square yard
yd	Yard	Yard



Code	Name	Description
MMbbl	MillionBarrels	Million Barrels
USD	USDollars	US Dollars

Used in components: [UnderlyingPaymentStreamFixedRate](#)

### 170.2.6051 UnderlyingPaymentStreamFixedRate

UnderlyingPaymentStreamFixedRate is a subcomponent of the UnderlyingPaymentStream component used to report the fixed rate or fixed payment amount of the stream.

Name	Mult.	Type	Description
<a href="#">UnderlyingPaymentStreamRate</a>	[0..1]	Percentage	Mutually exclusive with UnderlyingPaymentStreamFixedAmount(40616).
<a href="#">UnderlyingPaymentStream-FixedAmount</a>	[0..1]	Amt	Mutually exclusive with UnderlyingPaymentStreamRate(40615).
<a href="#">UnderlyingPaymentStreamRateOrAmountCurrency</a>	[0..1]	Currency	
<a href="#">UnderlyingPaymentStream-FixedAmountUnitOfMeasure</a>	[0..1]	CodeSet	
<a href="#">UnderlyingPaymentStreamTotal-FixedAmount</a>	[0..1]	Amt	
<a href="#">UnderlyingPaymentStreamFutureValueNotional</a>	[0..1]	Amt	
<a href="#">UnderlyingPaymentStreamFutureValueDateAdjusted</a>	[0..1]	LocalMktDate	
<a href="#">UnderlyingPaymentStreamWorld-ScaleRate</a>	[0..1]	float	
<a href="#">UnderlyingPaymentStreamContract-Price</a>	[0..1]	Price	
<a href="#">UnderlyingPaymentStreamContract-PriceCurrency</a>	[0..1]	Currency	

Used in components: [UnderlyingPaymentStream](#)

**170.2.6052 UnderlyingPaymentStreamFixingDate**

The fixing date. Type of date is specified in UnderlyingPaymentStreamFixingDateType(42957).

Type: [LocalMktDate](#)

Used in groups: [UnderlyingPaymentStreamFixingDateGrp](#)

**170.2.6053 UnderlyingPaymentStreamFixingDateAdjusted**

The adjusted fixing date.

Type: [LocalMktDate](#)

Used in components: [UnderlyingPaymentStreamResetDates](#)

**170.2.6054 UnderlyingPaymentStreamFixingDateBusinessCenter**

The business center calendar used to adjust the payment stream's fixing date, e.g. "GBLO".

See <http://www.fpml.org/coding-scheme/business-center> for standard 4-character code values.

Type: [String](#)

Used in groups: [UnderlyingPaymentStreamFixingDateBusinessCenterGrp](#)

**170.2.6055 UnderlyingPaymentStreamFixingDateBusinessCenterGrp**

UnderlyingPaymentStreamFixingDateBusinessCenterGrp is a repeating subcomponent within the UnderlyingPaymentStreamResetDates component. It is used to specify the set of business centers whose calendars drive the date adjustment. Used only to override the business centers defined in the UnderlyingDateAdjustment component within the UnderlyingInstrument component.

---

Name	Mult.	Type	Description
<a href="#">NoUnderlyingPaymentStreamFixing-DateBusinessCenters</a>	[1..1]	NumInGroup	
<a href="#">UnderlyingPaymentStreamFixingDate-BusinessCenter</a>	[0..1]	String	Required if <a href="#">NoUnderlyingPaymentStreamFixing-DateBusinessCenters(40972)</a> > 0.

---

Used in components: [UnderlyingPaymentStreamResetDates](#)

### 170.2.6056 UnderlyingPaymentStreamFixingDateBusinessDayConvention

The business day convention used to adjust the payment stream's fixing date. Used only to override the business day convention specified in the UnderlyingDateAdjustment component within the UnderlyingInstrument component.

Type: **int**

Allowed values in BusinessDayConventionCodeSet:

Code	Name	Description
0	NotApplicable	Not applicable. Business day convention is not applicable.
1	None	None (current day)
2	FollowingDay	Following day. The following business day.
3	FloatingRateNote	Floating rate note. The FRN business day convention.
4	ModifiedFollowingDay	Modified following day. The modified following business day.
5	PrecedingDay	Preceding day. The preceding business day.
6	ModifiedPrecedingDay	Modified preceding day. The modified preceding business day.
7	NearestDay	Nearest day. The nearest applicable business day.

Used in components: [UnderlyingPaymentStreamResetDates](#)

### 170.2.6057 UnderlyingPaymentStreamFixingDateGrp

UnderlyingPaymentStreamFixingDateGrp is a subcomponent of the UnderlyingPaymentStreamResetDates component used to specify predetermined fixing dates.

Name	Mult.	Type	Description
<a href="#">NoUnderlyingPaymentStreamFixingDates</a>	[1..1]	NumInGroup	
<a href="#">UnderlyingPaymentStreamFixingDate</a>	[0..1]	LocalMktDate	Required if <a href="#">NoUnderlyingPaymentStreamFixingDates(42955)</a> > 0.
<a href="#">UnderlyingPaymentStreamFixingDate-Type</a>	[0..1]	CodeSet	When specified it applies not only to the current date instance but to all subsequent date instances in the group until overridden when a new type is specified.

Used in components: [UnderlyingPaymentStreamResetDates](#)

**170.2.6058 UnderlyingPaymentStreamFixingDateOffsetDayType**

Specifies the day type of the relative fixing date offset.

Type: **int**

Allowed values in PaymentStreamPaymentDateOffsetDayTypeCodeSet:

---

Code	Name	Description
0	Business	Business
1	Calendar	Calendar
2	CommodityBusiness	Commodity business
3	CurrencyBusiness	Currency business
4	ExchangeBusiness	Exchange business
5	ScheduledTradingDay	Scheduled trading day

---

Used in components: [UnderlyingPaymentStreamResetDates](#)

**170.2.6059 UnderlyingPaymentStreamFixingDateOffsetPeriod**

Time unit multiplier for the relative fixing date offset.

Type: **int**

Used in components: [UnderlyingPaymentStreamResetDates](#)

**170.2.6060 UnderlyingPaymentStreamFixingDateOffsetUnit**

Time unit associated with the relative fixing date offset.

Type: **String**

Allowed values in PaymentStreamPaymentDateOffsetUnitCodeSet:

---

Code	Name	Description
D	Day	Day
Wk	Week	Week
Mo	Month	Month
Yr	Year	Year

---

Used in components: [UnderlyingPaymentStreamResetDates](#)

**170.2.6061 UnderlyingPaymentStreamFixingDateRelativeTo**

Specifies the anchor date when the fixing date is relative to an anchor date.

See [http://www.fixtradingcommunity.org/codelists#Relative\\_To\\_Date](http://www.fixtradingcommunity.org/codelists#Relative_To_Date) for values.

Type: **int**

Used in components: **UnderlyingPaymentStreamResetDates**

**170.2.6062 UnderlyingPaymentStreamFixingDateType**

Specifies the type of fixing date (e.g. adjusted for holidays).

Type: **int**

Allowed values in NonDeliverableFixingDateTypeCodeSet:

Code	Name	Description
0	Unadjusted	Unadjusted
1	Adjusted	Adjusted

Used in groups: **UnderlyingPaymentStreamFixingDateGrp**

**170.2.6063 UnderlyingPaymentStreamFlatRateAmount**

Specifies the actual monetary value of the flat rate when UnderlyingPaymentStreamFlatRateIndicator(41897) = 'Y'.

Type: **Amt**

Used in components: **UnderlyingPaymentStream**

**170.2.6064 UnderlyingPaymentStreamFlatRateCurrency**

Specifies the currency of the actual flat rate. Uses ISO 4217 currency codes.

Type: **Currency**

Used in components: **UnderlyingPaymentStream**

### 170.2.6065 UnderlyingPaymentStreamFlatRateIndicator

When this element is specified and set to 'Y', the Flat Rate is the New Worldwide Tanker Nominal Freight Scale for the Freight Index Route taken at the Trade Date of the transaction "Fixed". If 'N' it is taken on each Pricing Date "Floating".

Type: **Boolean**

Used in components: **UnderlyingPaymentStream**

### 170.2.6066 UnderlyingPaymentStreamFloatingRate

UnderlyingPaymentStreamFloatingRate is a subcomponent of the UnderlyingPaymentStream component used to report the floating rate attributes of the stream.

Name	Mult.	Type	Description
UnderlyingPaymentStreamRateIndex	[0..1]	String	
UnderlyingPaymentStreamRateIndex-Source	[0..1]	CodeSet	
UnderlyingPaymentStreamRateIndexID	[0..1]	String	Conditionally required when UnderlyingPaymentStreamRateIndexIDSource(43093) is specified.
UnderlyingPaymentStreamRateIndexIDSource	[0..1]	CodeSet	Conditionally required when UnderlyingPaymentStreamRateIndexID(43092) is specified.
UnderlyingPaymentStreamRateIndex-CurveUnit	[0..1]	CodeSet	Conditionally required when UnderlyingPaymentStreamRateIndexCurvePeriod(40623) is specified.
UnderlyingPaymentStreamRateIndex-CurvePeriod	[0..1]	int	Conditionally required when UnderlyingPaymentStreamRateIndexCurveUnit(40622) is specified.
UnderlyingPaymentStreamRateIndex2	[0..1]	String	
UnderlyingPaymentStreamRateIndex2Source	[0..1]	CodeSet	
UnderlyingPaymentStreamRateIndex2ID	[0..1]	String	Conditionally required when UnderlyingPaymentStreamRateIndex2IDSource(43123) is specified.
UnderlyingPaymentStreamRateIndex2IDSource	[0..1]	CodeSet	Conditionally required when UnderlyingPaymentStreamRateIndex2ID(43122) is specified.

Name	Mult.	Type	Description
UnderlyingPaymentStreamRateIndex2CurveUnit	[0..1]	CodeSet	Conditionally required when UnderlyingPaymentStreamRateIndex2CurvePeriod(41912) is specified.
UnderlyingPaymentStreamRateIndex2CurvePeriod	[0..1]	int	Conditionally required when UnderlyingPaymentStreamRateIndex2CurveUnit(41911) is specified.
UnderlyingPaymentStreamRateIndexLocation	[0..1]	String	
UnderlyingPaymentStreamRateIndexLevel	[0..1]	Qty	
UnderlyingPaymentStreamRateIndexUnitOfMeasure	[0..1]	CodeSet	
UnderlyingPaymentStreamSettlLevel	[0..1]	CodeSet	
UnderlyingPaymentStreamReferenceLevel	[0..1]	Qty	
UnderlyingPaymentStreamReferenceLevelUnitOfMeasure	[0..1]	CodeSet	
UnderlyingPaymentStreamReferenceLevelEqualsZeroIndicator	[0..1]	Boolean	
UnderlyingPaymentStreamRateMultiplier	[0..1]	float	
UnderlyingPaymentStreamRateSpread	[0..1]	PriceOffset	
UnderlyingPaymentStreamRateSpreadCurrency	[0..1]	Currency	
UnderlyingPaymentStreamRateSpreadUnitOfMeasure	[0..1]	CodeSet	
UnderlyingPaymentStreamRateConversionFactor	[0..1]	float	
UnderlyingPaymentStreamRateSpreadType	[0..1]	CodeSet	
UnderlyingPaymentStreamRateSpreadPositionType	[0..1]	CodeSet	
UnderlyingPaymentStreamRateTreatment	[0..1]	CodeSet	
UnderlyingPaymentStreamCapRate	[0..1]	Percentage	
UnderlyingPaymentStreamCapRateBuySide	[0..1]	CodeSet	
UnderlyingPaymentStreamCapRateSellSide	[0..1]	CodeSet	

Name	Mult.	Type	Description
UnderlyingPaymentStreamFloorRate	[0..1]	Percentage	
UnderlyingPaymentStreamFloorRate-BuySide	[0..1]	CodeSet	
UnderlyingPaymentStreamFloorRate-SellSide	[0..1]	CodeSet	
UnderlyingPaymentStreamInitialRate	[0..1]	Percentage	
UnderlyingPaymentStreamLastResetRate	[0..1]	Percentage	
UnderlyingPaymentStreamFinalRate	[0..1]	Percentage	
UnderlyingPaymentStreamFinalRateRoundingDirection	[0..1]	CodeSet	
UnderlyingPaymentStreamFinalRatePrecision	[0..1]	int	
UnderlyingPaymentStreamAveragingMethod	[0..1]	CodeSet	
UnderlyingPaymentStreamNegativeRateTreatment	[0..1]	CodeSet	
UnderlyingPaymentStreamCalculationLagPeriod	[0..1]	int	Conditionally required when UnderlyingPaymentStreamCalculationLagUnit(41927) is specified.
UnderlyingPaymentStreamCalculationLagUnit	[0..1]	CodeSet	Conditionally required when UnderlyingPaymentStreamCalculationLagPeriod(41926) is specified.
UnderlyingPaymentStreamFirstObservationDateUnadjusted	[0..1]	LocalMktDate	
UnderlyingPaymentStreamFirstObservationDateRelativeTo	[0..1]	int	
UnderlyingPaymentStreamFirstObservationDateOffsetDayType	[0..1]	CodeSet	
UnderlyingPaymentStreamFirstObservationDateOffsetPeriod	[0..1]	int	Conditionally required when UnderlyingPaymentStreamFirstObservationOffsetUnit(41929) is specified.
UnderlyingPaymentStreamFirstObservationDateOffsetUnit	[0..1]	CodeSet	Conditionally required when UnderlyingPaymentStreamFirstObservationOffsetPeriod(41928) is specified.
UnderlyingPaymentStreamFirstObservationDateAdjusted	[0..1]	LocalMktDate	
UnderlyingPaymentStreamPricingDayType	[0..1]	CodeSet	



Name	Mult.	Type	Description
UnderlyingPaymentStreamPricingDay-Distribution	[0..1]	CodeSet	
UnderlyingPaymentStreamPricingDay-Count	[0..1]	int	
UnderlyingPaymentStreamPricing-BusinessCalendar	[0..1]	String	
UnderlyingPaymentStreamPricing-BusinessDayConvention	[0..1]	CodeSet	When specified, this overrides the business day convention defined in the UnderlyingDateAdjustment component in UnderlyingInstrument. The specified value would be specific to this instance of pricing dates.
UnderlyingPaymentStreamPricing-BusinessCenterGrp	[0..*]	Group	
UnderlyingPaymentStreamPricingDay-Grp	[0..*]	Group	
UnderlyingPaymentStreamPricing-DateGrp	[0..*]	Group	
UnderlyingPaymentStreamInflation-LagPeriod	[0..1]	int	Conditionally required when UnderlyingPaymentStreamInflationLagUnit(40640) is specified.
UnderlyingPaymentStreamInflationLagUnit	[0..1]	CodeSet	Conditionally required when UnderlyingPaymentStreamInflationLagPeriod(40639) is specified.
UnderlyingPaymentStreamInflation-LagDayType	[0..1]	CodeSet	
UnderlyingPaymentStreamInflationInterpolationMethod	[0..1]	CodeSet	
UnderlyingPaymentStreamInflationIndexSource	[0..1]	CodeSet	
UnderlyingPaymentStreamInflation-PublicationSource	[0..1]	String	
UnderlyingPaymentStreamInflationInitialIndexLevel	[0..1]	float	
UnderlyingPaymentStreamInflation-FallbackBondApplicable	[0..1]	Boolean	
UnderlyingPaymentStreamFRADiscounting	[0..1]	CodeSet	
UnderlyingPaymentStreamUnderlier-RefID	[0..1]	String	
UnderlyingPaymentStreamFormula	[0..1]	Component	

Name	Mult.	Type	Description
UnderlyingDividendConditions	[0..1]	Component	
UnderlyingReturnRateNotionalReset	[0..1]	Boolean	
UnderlyingReturnRateGrp	[0..*]	Group	
UnderlyingPaymentStreamLinkInitialLevel	[0..1]	Price	
UnderlyingPaymentStreamLinkClosingLevelIndicator	[0..1]	Boolean	
UnderlyingPaymentStreamLinkExpiringLevelIndicator	[0..1]	Boolean	
UnderlyingPaymentStreamLinkEstimatedTradingDays	[0..1]	int	
UnderlyingPaymentStreamLinkStrikePrice	[0..1]	Price	
UnderlyingPaymentStreamLinkStrikePriceType	[0..1]	CodeSet	
UnderlyingPaymentStreamLinkMaximumBoundary	[0..1]	float	
UnderlyingPaymentStreamLinkMinimumBoundary	[0..1]	float	
UnderlyingPaymentStreamLinkNumberOfDataSeries	[0..1]	int	
UnderlyingPaymentStreamVarianceUnadjustedCap	[0..1]	float	
UnderlyingPaymentStreamRealizedVarianceMethod	[0..1]	CodeSet	
UnderlyingPaymentStreamDaysAdjustmentIndicator	[0..1]	Boolean	
UnderlyingPaymentStreamNearestExchangeContractRefID	[0..1]	String	
UnderlyingPaymentStreamVegaNotionalAmount	[0..1]	float	

Used in components: [UnderlyingPaymentStream](#)

**170.2.6067 UnderlyingPaymentStreamFloorRate**

The floor rate, if any, which applies to the floating rate. The floor rate (strike) is only required where the floating rate on a swap stream is floored at a certain strike level. The floor rate is assumed to be exclusive of any spread and is a per annum rate, expressed as a decimal. A floor rate of 5% would be represented as 0.05.

Type: **Percentage**

Used in components: **UnderlyingPaymentStreamFloatingRate**

**170.2.6068 UnderlyingPaymentStreamFloorRateBuySide**

Reference to the buyer of the floor rate option through its trade side.

Type: **int**

Allowed values in PaymentStreamFloorRateBuySideCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
1	Buyer	Buyer of the trade
2	Seller	Seller of the trade

---

Used in components: **UnderlyingPaymentStreamFloatingRate**

**170.2.6069 UnderlyingPaymentStreamFloorRateSellSide**

Reference to the seller of the floor rate option through its trade side.

Type: **int**

Allowed values in PaymentStreamFloorRateBuySideCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
1	Buyer	Buyer of the trade
2	Seller	Seller of the trade

---

Used in components: **UnderlyingPaymentStreamFloatingRate**

**170.2.6070 UnderlyingPaymentStreamFormula**

Contains an XML representation of the formula. Defined for flexibility in choice of language (MathML, OpenMath or text).

Type: [XMLData](#)

Used in groups: [UnderlyingPaymentStreamFormulaMathGrp](#)

**170.2.6071 UnderlyingPaymentStreamFormula**

UnderlyingPaymentStreamFormula is a subcomponent of the UnderlyingPaymentStreamFloatingRate component used to report the parameters for determining the floating rate of the stream e.g. for equity swaps.

---

Name	Mult.	Type	Description
<a href="#">UnderlyingPaymentStreamFormulaCurrency</a>	[0..1]	Currency	
<a href="#">UnderlyingPaymentStreamFormulaCurrencyDeterminationMethod</a>	[0..1]	String	
<a href="#">UnderlyingPaymentStreamFormulaReferenceAmount</a>	[0..1]	int	
<a href="#">UnderlyingPaymentStreamFormulaMathGrp</a>	[0..*]	Group	
<a href="#">UnderlyingPaymentStreamFormulaImage</a>	[0..1]	Component	

---

Used in components: [UnderlyingPaymentStreamFloatingRate](#)

**170.2.6072 UnderlyingPaymentStreamFormulaCurrency**

The currency in which the formula amount is denominated. Uses ISO 4217 currency codes.

Type: [Currency](#)

Used in components: [UnderlyingPaymentStreamFormula](#)

**170.2.6073 UnderlyingPaymentStreamFormulaCurrencyDeterminationMethod**

Specifies the method according to which the formula amount currency is determined.

See <http://www.fpml.org/coding-scheme/determination-method> for values.

Type: **String**

Used in components: **UnderlyingPaymentStreamFormula**

#### **170.2.6074 UnderlyingPaymentStreamFormulaDesc**

A description of the math formula in UnderlyingPaymentStreamFormula(42982).

Type: **String**

Used in groups: **UnderlyingPaymentStreamFormulaMathGrp**

#### **170.2.6075 UnderlyingPaymentStreamFormulImage**

Image of the formula image when represented through an encoded clip in base64Binary.

Type: **data**

Used in components: **UnderlyingPaymentStreamFormulImage**

#### **170.2.6076 UnderlyingPaymentStreamFormulImage**

UnderlyingPaymentStreamFormulImage is a subcomponent of the UnderlyingPaymentStreamFormula component used to include a base64Binary-encoded image clip of the formula.

---

<b>Name</b>	<b>Mult.</b>	<b>Type</b>	<b>Description</b>
<b>UnderlyingPaymentStreamFormulImageLength</b>	[0..1]	Length	Conditionally required when UnderlyingPaymentStreamFormulImage(42948) is specified.
<b>UnderlyingPaymentStreamFormulImage</b>	[0..1]	data	Conditionally required when UnderlyingPaymentStreamFormulImageLength(42947) is specified.

---

Used in components: **UnderlyingPaymentStreamFormula**

#### **170.2.6077 UnderlyingPaymentStreamFormulImageLength**

Length in bytes of the UnderlyingPaymentStreamFormulImage(42948) field.

Type: **Length**

Used in components: **UnderlyingPaymentStreamFormulaImage**

### 170.2.6078 UnderlyingPaymentStreamFormulaLength

Byte length of encoded (non-ASCII characters) UnderlyingPaymentStreamFormula(42982) field.

Type: **Length**

Used in groups: **UnderlyingPaymentStreamFormulaMathGrp**

### 170.2.6079 UnderlyingPaymentStreamFormulaMathGrp

UnderlyingPaymentStreamFormulaMathGrp is a repeating subcomponent within the UnderlyingPaymentStreamFormula component. It is used to specify the set of formulas, sub-formulas and descriptions from which the rate is derived.

Name	Mult.	Type	Description
NoUnderlyingPaymentStreamFormulas	[1..1]	NumInGroup	
UnderlyingPaymentStreamFormulaLength	[0..1]	Length	Required if NoUnderlyingPaymentStreamFormulas(42981) > 0
UnderlyingPaymentStreamFormula	[0..1]	XMLData	Required if NoUnderlyingPaymentStreamFormulas(42981) > 0.
UnderlyingPaymentStreamFormulaDesc	[0..1]	String	

Used in components: **UnderlyingPaymentStreamFormula**

### 170.2.6080 UnderlyingPaymentStreamFormulaReferenceAmount

Specifies the reference amount when this term either corresponds to the standard ISDA Definition (either the 2002 Equity Definition for the Equity Amount, or the 2000 Definition for the Interest Amount), or refers to a term defined elsewhere in the swap document.

See [http://www.fixtradingcommunity.org/codelists#Payment\\_Amount\\_Relative\\_To](http://www.fixtradingcommunity.org/codelists#Payment_Amount_Relative_To) for code list of reference amounts.

Type: **int**

Used in components: **UnderlyingPaymentStreamFormula**

### **170.2.6081 UnderlyingPaymentStreamFRADiscounting**

The method of Forward Rate Agreement (FRA) discounting, if any, that will apply.

Type: **int**

Allowed values in PaymentStreamFRADiscountingCodeSet:

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	None	None
1	ISDA	International Swaps and Derivatives Association (ISDA)
2	AFMA	Australian Financial Markets Association (AFMA)

Used in components: **UnderlyingPaymentStreamFloatingRate**

### **170.2.6082 UnderlyingPaymentStreamFutureValueDateAdjusted**

The adjusted value date of the future value amount.

Type: **LocalMktDate**

Used in components: **UnderlyingPaymentStreamFixedRate**

### **170.2.6083 UnderlyingPaymentStreamFutureValueNotional**

The future value notional is normally only required for certain non-deliverable interest rate swaps (e.g. Brazillian Real (BRL) vs. CETIP Interbank Deposit Rate (CDI)). The value is calculated as follows: Future Value Notional = Notional Amount \* (1 + Fixed Rate) ^ (Fixed Rate Day Count Fraction). The currency is the same as the stream notional.

Type: **Amt**

Used in components: **UnderlyingPaymentStreamFixedRate**

**170.2.6084 UnderlyingPaymentStreamInflationFallbackBondApplicable**

Indicates whether a fallback bond as defined in the 2006 ISDA Inflation Derivatives Definitions, sections 1.3 and 1.8, is applicable or not. If not specified, the default value is "Y" (True/Yes).

Type: **Boolean**

Used in components: **UnderlyingPaymentStreamFloatingRate**

**170.2.6085 UnderlyingPaymentStreamInflationIndexSource**

The inflation index reference source.

Type: **int**

Allowed values in PaymentStreamRateIndexSourceCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	Bloomberg	Bloomberg
1	Reuters	Reuters
2	Telerate	Telerate
99	Other	Other

---

Used in components: **UnderlyingPaymentStreamFloatingRate**

**170.2.6086 UnderlyingPaymentStreamInflationInitialIndexLevel**

Initial known index level for the first calculation period.

Type: **float**

Used in components: **UnderlyingPaymentStreamFloatingRate**

**170.2.6087 UnderlyingPaymentStreamInflationInterpolationMethod**

The method used when calculating the Inflation Index Level from multiple points - the most common is Linear.

Type: **int**

Allowed values in PaymentStreamInflationInterpolationMethodCodeSet:



---

Code	Name	Description
0	None	None
1	LinearZeroYield	Linear zero yield

---

Used in components: [UnderlyingPaymentStreamFloatingRate](#)

### **170.2.6088 UnderlyingPaymentStreamInflationLagDayType**

The inflation lag period day type.

Type: [int](#)

Allowed values in PaymentStreamInflationLagDayTypeCodeSet:

---

Code	Name	Description
0	Business	Business
1	Calendar	Calendar
2	CommodityBusiness	Commodity business
3	CurrencyBusiness	Currency business
4	ExchangeBusiness	Exchange business
5	ScheduledTradingDay	Scheduled trading day

---

Used in components: [UnderlyingPaymentStreamFloatingRate](#)

### **170.2.6089 UnderlyingPaymentStreamInflationLagPeriod**

Time unit multiplier for the inflation lag period. The lag period is the offsetting period from the payment date which determines the reference period for which the inflation index is observed.

Type: [int](#)

Used in components: [UnderlyingPaymentStreamFloatingRate](#)

### **170.2.6090 UnderlyingPaymentStreamInflationLagUnit**

Time unit associated with the inflation lag period.

Type: [String](#)

Allowed values in PaymentStreamInflationLagUnitCodeSet:

Code	Name	Description
D	Day	Day
Wk	Week	Week
Mo	Month	Month
Yr	Year	Year

Used in components: [UnderlyingPaymentStreamFloatingRate](#)

#### **170.2.6091 UnderlyingPaymentStreamInflationPublicationSource**

The current main publication source such as relevant web site or a government body.

Type: [String](#)

Used in components: [UnderlyingPaymentStreamFloatingRate](#)

#### **170.2.6092 UnderlyingPaymentStreamInitialFixingDateAdjusted**

The adjusted initial fixing date.

Type: [LocalMktDate](#)

Used in components: [UnderlyingPaymentStreamResetDates](#)

#### **170.2.6093 UnderlyingPaymentStreamInitialFixingDateBusinessCenter**

The business center calendar used to adjust the payment stream's initial fixing date, e.g. "GBLO".

See <http://www.fpml.org/coding-scheme/business-center> for standard 4-character code values.

Type: [String](#)

Used in groups: [UnderlyingPaymentStreamInitialFixingDateBusinessCenterGrp](#)

#### **170.2.6094 UnderlyingPaymentStreamInitialFixingDateBusinessCenterGrp**

[UnderlyingPaymentStreamInitialFixingDateBusinessCenterGrp](#) is a repeating subcomponent within the [UnderlyingPaymentStreamResetDates](#) component. It is used to specify the set of business centers

whose calendars drive the date adjustment. Used only to override the business centers defined in the UnderlyingDateAdjustment component within the UnderlyingInstrument component.

Name	Mult.	Type	Description
NoUnderlyingPaymentStreamInitialFixingDateBusinessCenters	[1..1]	NumInGroup	
UnderlyingPaymentStreamInitialFixingDateBusinessCenter	[0..1]	String	Required if NoUnderlyingPaymentStreamInitialFixingDateBusinessCenters(40971) > 0.

Used in components: [UnderlyingPaymentStreamResetDates](#)

### 170.2.6095 UnderlyingPaymentStreamInitialFixingDateBusinessDayConvention

The business day convention used to adjust the payment stream's initial fixing date. Used only to override the business day convention specified in the UnderlyingDateAdjustment component within the UnderlyingInstrument component.

Type: `int`

Allowed values in BusinessDayConventionCodeSet:

Code	Name	Description
0	NotApplicable	Not applicable. Business day convention is not applicable.
1	None	None (current day)
2	FollowingDay	Following day. The following business day.
3	FloatingRateNote	Floating rate note. The FRN business day convention.
4	ModifiedFollowingDay	Modified following day. The modified following business day.
5	PrecedingDay	Preceding day. The preceding business day.
6	ModifiedPrecedingDay	Modified preceding day. The modified preceding business day.
7	NearestDay	Nearest day. The nearest applicable business day.

Used in components: [UnderlyingPaymentStreamResetDates](#)

### 170.2.6096 UnderlyingPaymentStreamInitialFixingDateOffsetDayType

Specifies the day type of the relative initial fixing date offset.

Type: `int`

Allowed values in PaymentStreamPaymentDateOffsetDayTypeCodeSet:

Code	Name	Description
0	Business	Business
1	Calendar	Calendar
2	CommodityBusiness	Commodity business
3	CurrencyBusiness	Currency business
4	ExchangeBusiness	Exchange business
5	ScheduledTradingDay	Scheduled trading day

Used in components: [UnderlyingPaymentStreamResetDates](#)

#### **170.2.6097 UnderlyingPaymentStreamInitialFixingDateOffsetPeriod**

Time unit multiplier for the relative initial fixing date offset.

Type: [int](#)

Used in components: [UnderlyingPaymentStreamResetDates](#)

#### **170.2.6098 UnderlyingPaymentStreamInitialFixingDateOffsetUnit**

Time unit associated with the relative initial fixing date offset.

Type: [String](#)

Allowed values in PaymentStreamPaymentDateOffsetUnitCodeSet:

Code	Name	Description
D	Day	Day
Wk	Week	Week
Mo	Month	Month
Yr	Year	Year

Used in components: [UnderlyingPaymentStreamResetDates](#)

**170.2.6099 UnderlyingPaymentStreamInitialFixingDateRelativeTo**

Specifies the anchor date when the initial fixing date is relative to an anchor date.

See [http://www.fixtradingcommunity.org/codelists#Relative\\_To\\_Date](http://www.fixtradingcommunity.org/codelists#Relative_To_Date) for values.

Type: **int**

Used in components: **UnderlyingPaymentStreamResetDates**

**170.2.6100 UnderlyingPaymentStreamInitialPrincipalExchangeIndicator**

Indicates whether there is an initial exchange of principal on the effective date.

Type: **Boolean**

Used in components: **UnderlyingPaymentStream**

**170.2.6101 UnderlyingPaymentStreamInitialRate**

The initial floating rate reset agreed between the principal parties involved in the trade. This is assumed to be the first required reset rate for the first regular calculation period. It should only be included when the rate is not equal to the rate published on the source implied by the floating rate index. An initial rate of 5% would be represented as 0.05.

Type: **Percentage**

Used in components: **UnderlyingPaymentStreamFloatingRate**

**170.2.6102 UnderlyingPaymentStreamInterimPrincipalExchangeIndicator**

Indicates whether there are intermediate or interim exchanges of principal during the term of the swap.

Type: **Boolean**

Used in components: **UnderlyingPaymentStream**

**170.2.6103 UnderlyingPaymentStreamInterpolationMethod**

The method used when calculating the index rate from multiple points on the curve. The most common is linear method.

Type: **int**

Allowed values in PaymentStreamInflationInterpolationMethodCodeSet:

---

Code	Name	Description
0	None	None
1	LinearZeroYield	Linear zero yield

---

Used in components: [UnderlyingPaymentStream](#)

#### **170.2.6104 UnderlyingPaymentStreamInterpolationPeriod**

Defines applicable periods for interpolation.

Type: **int**

Allowed values in PaymentStreamInterpolationPeriodCodeSet:

---

Code	Name	Description
0	Initial	Initial. Interpolation is applicable to the initial period only.
1	InitialAndFinal	Initial and final. Interpolation is applicable to the initial and final periods only.
2	Final	Final. Interpolation is applicable to the final period only.
3	AnyPeriod	Any period. Interpolation is applicable to any non-standard period.

---

Used in components: [UnderlyingPaymentStream](#)

#### **170.2.6105 UnderlyingPaymentStreamLastRegularPaymentDateUnadjusted**

The unadjusted last regular payment date.

Type: **LocalMktDate**

Used in components: [UnderlyingPaymentStreamPaymentDates](#)

#### **170.2.6106 UnderlyingPaymentStreamLastResetRate**

The floating rate determined at the most recent reset. The rate is expressed in decimal form, e.g. 5% is represented as 0.05.

Type: **Percentage**

Used in components: **UnderlyingPaymentStreamFloatingRate**

#### **170.2.6107 UnderlyingPaymentStreamLinkClosingLevelIndicator**

Indicates whether the correlation or variance swap contract will ("Y") strike off the closing level of the default exchange traded contract or not.

Type: **Boolean**

Used in components: **UnderlyingPaymentStreamFloatingRate**

#### **170.2.6108 UnderlyingPaymentStreamLinkEstimatedTradingDays**

The expected number of trading days in the variance or correlation swap stream.

Type: **int**

Used in components: **UnderlyingPaymentStreamFloatingRate**

#### **170.2.6109 UnderlyingPaymentStreamLinkExpiringLevelIndicator**

Indicates whether the correlation or variance swap contract will ("Y") strike off the expiring level of the default exchange traded contract or not.

Type: **Boolean**

Used in components: **UnderlyingPaymentStreamFloatingRate**

#### **170.2.6110 UnderlyingPaymentStreamLinkInitialLevel**

Price level at which the correlation or variance swap contract will strike.

Type: **Price**

Used in components: **UnderlyingPaymentStreamFloatingRate**

**170.2.6111 UnderlyingPaymentStreamLinkMaximumBoundary**

Specifies the maximum or upper boundary for variance or strike determination.

For a variation swap stream all observations above this price level will be excluded from the variance calculation.

For a correlation swap stream the maximum boundary is a percentage of the strike price.

Type: **float**

Used in components: **UnderlyingPaymentStreamFloatingRate**

**170.2.6112 UnderlyingPaymentStreamLinkMinimumBoundary**

Specifies the minimum or lower boundary for variance or strike determination.

For a variation swap stream all observations below this price level will be excluded from the variance calculation.

For a correlation swap stream the minimum boundary is a percentage of the strike price.

Type: **float**

Used in components: **UnderlyingPaymentStreamFloatingRate**

**170.2.6113 UnderlyingPaymentStreamLinkNumberOfDataSeries**

Number of data series for a correlation swap. Normal market practice is that correlation data sets are drawn from geographic market areas, such as America, Europe and Asia Pacific. Each of these geographic areas will have its own data series to avoid contagion.

Type: **int**

Used in components: **UnderlyingPaymentStreamFloatingRate**

**170.2.6114 UnderlyingPaymentStreamLinkStrikePrice**

The strike price of a correlation or variance swap stream.

Type: **Price**

Used in components: **UnderlyingPaymentStreamFloatingRate**



**170.2.6115 UnderlyingPaymentStreamLinkStrikePriceType**

For a variance swap specifies how UnderlyingPaymentStreamLinkStrikePrice(42968) is expressed.

Type: **int**

Allowed values in PaymentStreamLinkStrikePriceTypeCodeSet:

Code	Name	Description
0	Volatility	Volatility
1	Variance	Variance

Used in components: **UnderlyingPaymentStreamFloatingRate**

**170.2.6116 UnderlyingPaymentStreamMarketRate**

Used only for credit index trade. This contains the credit spread ("fair value") at which the trade was executed. The market rate varies over the life of the index depending on market conditions. This is the price of the index as quoted by trading desks.

Type: **int**

Used in components: **UnderlyingPaymentStream**

**170.2.6117 UnderlyingPaymentStreamMasterAgreementPaymentDatesIndicator**

When set to 'Y', it indicates that payment dates are specified in the relevant master agreement.

Type: **Boolean**

Used in components: **UnderlyingPaymentStreamPaymentDates**

**170.2.6118 UnderlyingPaymentStreamMaximumPaymentAmount**

Specifies the limit on the total payment amount.

Type: **Amt**

Used in components: **UnderlyingPaymentStream**

#### **170.2.6119 UnderlyingPaymentStreamMaximumPaymentCurrency**

Specifies the currency of total payment amount limit. Uses ISO 4217 currency codes.

Type: **Currency**

Used in components: **UnderlyingPaymentStream**

#### **170.2.6120 UnderlyingPaymentStreamMaximumTransactionAmount**

Specifies the limit on the payment amount that goes out in any particular calculation period.

Type: **Amt**

Used in components: **UnderlyingPaymentStream**

#### **170.2.6121 UnderlyingPaymentStreamMaximumTransactionCurrency**

Specifies the currency of the period payment amount limit. Uses ISO 4217 currency codes.

Type: **Currency**

Used in components: **UnderlyingPaymentStream**

#### **170.2.6122 UnderlyingPaymentStreamNearestExchangeContractRefID**

References a contract listed on an exchange through the instrument's UnderlyingSecurityID(309) which must be fully specified in an instance of the UnderlyingInstrument component.

Type: **String**

Used in components: **UnderlyingPaymentStreamFloatingRate**

#### **170.2.6123 UnderlyingPaymentStreamNegativeRateTreatment**

The specification of any provisions for calculating payment obligations when a floating rate is negative (either due to a quoted negative floating rate or by operation of a spread that is subtracted from the floating rate).

Type: **int**

Allowed values in PaymentStreamNegativeRateTreatmentCodeSet:

Code	Name	Description
0	ZeroInterestRateMethod	Zero interest rate method
1	NegativeInterestRateMethod	Negative interest rate method

Used in components: [UnderlyingPaymentStreamFloatingRate](#)

### 170.2.6124 UnderlyingPaymentStreamNonDeliverableFixingDateGrp

UnderlyingPaymentStreamNonDeliverableFixingDate is a subcomponent of the UnderlyingPaymentStreamNonDeliverableSettlTerms component used to specify predetermined fixing dates.

Name	Mult.	Type	Description
<a href="#">NoUnderlyingNonDeliverableFixingDates</a>	[1..1]	NumInGroup	
<a href="#">UnderlyingNonDeliverableFixingDate</a>	[0..1]	LocalMktDate	Required if <a href="#">NoUnderlyingNonDeliverableFixingDates(40656)</a> > 0.
<a href="#">UnderlyingNonDeliverableFixingDate-Type</a>	[0..1]	CodeSet	When specified it applies not only to the current date but to all subsequent dates in the group until overridden with a new type.

Used in components: [UnderlyingPaymentStreamNonDeliverableSettlTerms](#)

### 170.2.6125 UnderlyingPaymentStreamNonDeliverableFixingDatesBizDayConvention

The business day convention used to adjust the payment stream's fixing date for the non-deliverable terms. Used only to override the business day convention specified in the UnderlyingDateAdjustment component within the UnderlyingInstrument component.

Type: [int](#)

Allowed values in BusinessDayConventionCodeSet:

Code	Name	Description
0	NotApplicable	Not applicable. Business day convention is not applicable.
1	None	None (current day)

Code	Name	Description
2	FollowingDay	Following day. The following business day.
3	FloatingRateNote	Floating rate note. The FRN business day convention.
4	ModifiedFollowingDay	Modified following day. The modified following business day.
5	PrecedingDay	Preceding day. The preceding business day.
6	ModifiedPrecedingDay	Modified preceding day. The modified preceding business day.
7	NearestDay	Nearest day. The nearest applicable business day.

Used in components: [UnderlyingPaymentStreamNonDeliverableSettlTerms](#)

### 170.2.6126 UnderlyingPaymentStreamNonDeliverableFixingDatesBusinessCenter

The business center calendar used to adjust the payment stream's fixing date for the non-deliverable terms, e.g. "GBLO".

See <http://www.fpml.org/coding-scheme/business-center> for standard 4-character code values.

Type: [String](#)

Used in groups: [UnderlyingPaymentStreamNonDeliverableFixingDatesBusinessCenterGrp](#)

### 170.2.6127 UnderlyingPaymentStreamNonDeliverableFixingDatesBusinessCenterGrp

[UnderlyingPaymentStreamNonDeliverableFixingDatesBusinessCenterGrp](#) is a repeating subcomponent within the [UnderlyingPaymentStreamNonDeliverableSettlTerms](#) component. It is used to specify the set of business centers whose calendars drive the date adjustment. Used only to override the business centers defined in the [UnderlyingDateAdjustment](#) component in the [UnderlyingInstrument](#) component.

Name	Mult.	Type	Description
<a href="#">NoUnderlyingPaymentStreamNonDeliverableFixingDatesBizCenters</a>	[1..1]	NumInGroup	
<a href="#">UnderlyingPaymentStreamNonDeliverableFixingDatesBusinessCenter</a>	[0..1]	String	Required if <a href="#">NoUnderlyingPaymentStreamNonDeliverableFixingDatesBizCenters</a> (40968) > 0.

Used in components: [UnderlyingPaymentStreamNonDeliverableSettlTerms](#)

**170.2.6128 UnderlyingPaymentStreamNonDeliverableFixingDatesOffsetDayType**

Specifies the day type of the relative non-deliverable fixing date offset.

Type: **int**

Allowed values in PaymentStreamPaymentDateOffsetDayTypeCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	Business	Business
1	Calendar	Calendar
2	CommodityBusiness	Commodity business
3	CurrencyBusiness	Currency business
4	ExchangeBusiness	Exchange business
5	ScheduledTradingDay	Scheduled trading day

---

Used in components: [UnderlyingPaymentStreamNonDeliverableSettlTerms](#)

**170.2.6129 UnderlyingPaymentStreamNonDeliverableFixingDatesOffsetPeriod**

Time unit multiplier for the relative non-deliverable fixing date offset.

Type: **int**

Used in components: [UnderlyingPaymentStreamNonDeliverableSettlTerms](#)

**170.2.6130 UnderlyingPaymentStreamNonDeliverableFixingDatesOffsetUnit**

Time unit associated with the relative non-deliverable fixing date offset.

Type: **String**

Allowed values in PaymentStreamPaymentDateOffsetUnitCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
D	Day	Day
Wk	Week	Week
Mo	Month	Month
Yr	Year	Year

---

Used in components: [UnderlyingPaymentStreamNonDeliverableSettlTerms](#)

**170.2.6131 UnderlyingPaymentStreamNonDeliverableFixingDatesRelativeTo**

Specifies the anchor date when the non-deliverable fixing dates are relative to an anchor date.

See [http://www.fixtradingcommunity.org/codelists#Relative\\_To\\_Date](http://www.fixtradingcommunity.org/codelists#Relative_To_Date) for values.

Type: **int**

Used in components: [UnderlyingPaymentStreamNonDeliverableSettlTerms](#)

**170.2.6132 UnderlyingPaymentStreamNonDeliverableRefCurrency**

The non-deliverable settlement reference currency. Uses ISO 4217 currency codes.

Type: **Currency**

Used in components: [UnderlyingPaymentStreamNonDeliverableSettlTerms](#)

**170.2.6133 UnderlyingPaymentStreamNonDeliverableSettlRateSource**

Identifies the source of rate information.

Type: **int**

Allowed values in RateSourceCodeSet:

Code	Name	Description
0	Bloomberg	Bloomberg
1	Reuters	Reuters
2	Telerate	Telerate
3	ISDARateOption	ISDA Settlement Rate Option. The source of the currency conversion as specified by the ISDA terms in Annex A to the 1998 FX and Currency Option Definitions. See <a href="http://www.fpml.org/coding-scheme/settlement-rate-option">http://www.fpml.org/coding-scheme/settlement-rate-option</a>
99	Other	Other

Used in components: [UnderlyingPaymentStreamNonDeliverableSettlRateSource](#)

**170.2.6134 UnderlyingPaymentStreamNonDeliverableSettlRateSource**

`UnderlyingPaymentStreamNonDeliverableSettlRateSource` is a subcomponent of the `UnderlyingPaymentStreamNonDeliverableSettlTerms` component used to specify the rate source in the event of payment non-delivery.

Name	Mult.	Type	Description
<a href="#">UnderlyingPaymentStreamNonDeliverableSettlRateSource</a>	[0..1]	CodeSet	
<a href="#">UnderlyingPaymentStreamNonDeliverableSettlReferencePage</a>	[0..1]	String	Conditionally required when UnderlyingPaymentStreamNonDeliverableSettlRateSource(40661) = 3 (ISDA Settlement Rate Option) or 99 (Other).

Used in components: [UnderlyingPaymentStreamNonDeliverableSettlTerms](#)

### 170.2.6135 UnderlyingPaymentStreamNonDeliverableSettlReferencePage

Identifies the reference "page" from the rate source.

When UnderlyingPaymentStreamNonDeliverableSettlRateSource(40661) = 3 (ISDA Settlement Rate Option) this contains the value from the scheme that reflects the terms of the Annex A to the ISDA 1998 FX and Currency Option Definitions. See: <http://www.fpml.org/coding-scheme/settlement-rate-option>

Type: [String](#)

Used in components: [UnderlyingPaymentStreamNonDeliverableSettlRateSource](#)

### 170.2.6136 UnderlyingPaymentStreamNonDeliverableSettlTerms

UnderlyingPaymentStreamNonDeliverableSettlTerms is a subcomponent of the UnderlyingPaymentStream component used to specify the non-deliverable settlement terms of the stream.

Name	Mult.	Type	Description
<a href="#">UnderlyingPaymentStreamNonDeliverableRefCurrency</a>	[0..1]	Currency	
<a href="#">UnderlyingPaymentStreamNonDeliverableFixingDatesBizDayConvention</a>	[0..1]	CodeSet	When specified, this overrides the business day convention defined in the UnderlyingDateAdjustment component in UnderlyingInstrument. The specified value would be specific to this instance of the underlying instrument's non-deliverable settlement terms.

Name	Mult.	Type	Description
<a href="#">UnderlyingPaymentStreamNonDeliverableFixingDatesBusinessCenterGrp</a>	[0..*]	Group	When specified, this overrides the business centers defined in the UnderlyingDateAdjustment component in UnderlyingInstrument. The specified values would be specific to this instance of the underlying instrument's non-deliverable settlement terms.
<a href="#">UnderlyingPaymentStreamNonDeliverableFixingDatesRelativeTo</a>	[0..1]	int	
<a href="#">UnderlyingPaymentStreamNonDeliverableFixingDatesOffsetPeriod</a>	[0..1]	int	Conditionally required when UnderlyingPaymentStreamNonDeliverableFixingDatesOffsetUnit(40653) is specified.
<a href="#">UnderlyingPaymentStreamNonDeliverableFixingDatesOffsetUnit</a>	[0..1]	CodeSet	Conditionally required when UnderlyingPaymentStreamNonDeliverableFixingDatesOffsetPeriod(40652) is specified.
<a href="#">UnderlyingPaymentStreamNonDeliverableFixingDatesOffsetDayType</a>	[0..1]	CodeSet	
<a href="#">UnderlyingPaymentStreamNonDeliverableSettlRateSource</a>	[0..1]	Component	
<a href="#">UnderlyingPaymentStreamNonDeliverableFixingDateGrp</a>	[0..*]	Group	
<a href="#">UnderlyingSettlRateDisruptionFallbackGrp</a>	[0..*]	Group	

Used in components: [UnderlyingPaymentStream](#)

### 170.2.6137 UnderlyingPaymentStreamOtherDayCount

The industry name of the day count convention not listed in UnderlyingPaymentStreamDayCount(40572).

Type: [String](#)

Used in components: [UnderlyingPaymentStream](#)

### 170.2.6138 UnderlyingPaymentStreamPaymentDate

The adjusted or unadjusted fixed stream payment date.

Type: [LocalMktDate](#)

Used in groups: [UnderlyingPaymentStreamPaymentDateGrp](#)



**170.2.6139 UnderlyingPaymentStreamPaymentDateBusinessCenter**

The business center calendar used to adjust the payment stream's payment date, e.g. "GBLO".

See <http://www.fpml.org/coding-scheme/business-center> for standard 4-character code values.

Type: **String**

Used in groups: **UnderlyingPaymentStreamPaymentDateBusinessCenterGrp**

**170.2.6140 UnderlyingPaymentStreamPaymentDateBusinessCenterGrp**

UnderlyingPaymentStreamPaymentDateBusinessCenterGrp is a repeating subcomponent within the UnderlyingPaymentStreamPaymentDates component. It is used to specify the set of business centers whose calendars drive the date adjustment. Used only to override the business centers defined in the UnderlyingDateAdjustment component in the UnderlyingInstrument component.

Name	Mult.	Type	Description
<b>NoUnderlyingPaymentStreamPaymentDateBusinessCenters</b>	[1..1]	NumInGroup	
<b>UnderlyingPaymentStreamPaymentDateBusinessCenter</b>	[0..1]	String	Required if NoUnderlyingPaymentStreamPaymentDateBusinessCenters(40969) > 0.

Used in components: **UnderlyingPaymentStreamPaymentDates**

**170.2.6141 UnderlyingPaymentStreamPaymentDateBusinessDayConvention**

The business day convention used to adjust the payment stream's payment date. Used only to override the business day convention specified in the UnderlyingDateAdjustment component within the UnderlyingInstrument component.

Type: **int**

Allowed values in BusinessDayConventionCodeSet:

Code	Name	Description
0	NotApplicable	Not applicable. Business day convention is not applicable.
1	None	None (current day)
2	FollowingDay	Following day. The following business day.

Code	Name	Description
3	FloatingRateNote	Floating rate note. The FRN business day convention.
4	ModifiedFollowingDay	Modified following day. The modified following business day.
5	PrecedingDay	Preceding day. The preceding business day.
6	ModifiedPrecedingDay	Modified preceding day. The modified preceding business day.
7	NearestDay	Nearest day. The nearest applicable business day.

Used in components: [UnderlyingPaymentStreamPaymentDates](#)

### 170.2.6142 UnderlyingPaymentStreamPaymentDateGrp

The UnderlyingPaymentStreamPaymentDateGrp is a repeating subcomponent of the UnderlyingPaymentStreamPaymentDates component used to detail fixed dates for swap stream payments.

Name	Mult.	Type	Description
<a href="#">NoUnderlyingPaymentStreamPaymentDates</a>	[1..1]	NumInGroup	
<a href="#">UnderlyingPaymentStreamPaymentDate</a>	[0..1]	LocalMktDate	Required if <a href="#">NoUnderlyingPaymentStreamPaymentDates(41937)</a> > 0.
<a href="#">UnderlyingPaymentStreamPaymentDateType</a>	[0..1]	CodeSet	When specified it applies not only to the current date but to all subsequent dates in the group until overridden with a new type.

Used in components: [UnderlyingPaymentStreamPaymentDates](#)

### 170.2.6143 UnderlyingPaymentStreamPaymentDateOffsetDayType

Specifies the day type of the relative payment date offset.

Type: [int](#)

Allowed values in [PaymentStreamPaymentDateOffsetDayTypeCodeSet](#):

Code	Name	Description
0	Business	Business
1	Calendar	Calendar

---

Code	Name	Description
2	CommodityBusiness	Commodity business
3	CurrencyBusiness	Currency business
4	ExchangeBusiness	Exchange business
5	ScheduledTradingDay	Scheduled trading day

---

Used in components: [UnderlyingPaymentStreamPaymentDates](#)

#### **170.2.6144 UnderlyingPaymentStreamPaymentDateOffsetPeriod**

Time unit multiplier for the relative payment date offset.

Type: [int](#)

Used in components: [UnderlyingPaymentStreamPaymentDates](#)

#### **170.2.6145 UnderlyingPaymentStreamPaymentDateOffsetUnit**

Time unit associated with the relative payment date offset.

Type: [String](#)

Allowed values in PaymentStreamPaymentDateOffsetUnitCodeSet:

---

Code	Name	Description
D	Day	Day
Wk	Week	Week
Mo	Month	Month
Yr	Year	Year

---

Used in components: [UnderlyingPaymentStreamPaymentDates](#)

#### **170.2.6146 UnderlyingPaymentStreamPaymentDateRelativeTo**

Specifies the anchor date when payment dates are relative to an anchor date.

See [http://www.fixtradingcommunity.org/codelists#Relative\\_To\\_Date](http://www.fixtradingcommunity.org/codelists#Relative_To_Date) for values.

Type: [int](#)

Used in components: [UnderlyingPaymentStreamPaymentDates](#)

**170.2.6147 UnderlyingPaymentStreamPaymentDates**

UnderlyingPaymentStreamPaymentDates is a subcomponent of the UnderlyingPaymentStream component used to specify the payment dates of the stream.

Name	Mult.	Type	Description
UnderlyingPaymentStreamPayment-DateBusinessDayConvention	[0..1]	CodeSet	When specified, this overrides the business day convention defined in the UnderlyingDateAdjustment component in UnderlyingInstrument. The specified value would be specific to this instance of the underlying instrument's payment stream's payment dates.
UnderlyingPaymentStreamPayment-DateBusinessCenterGrp	[0..*]	Group	When specified, this overrides the business centers defined in the UnderlyingDateAdjustment component in UnderlyingInstrument. The specified values would be specific to this instance of the underlying instrument's payment stream's payment dates.
UnderlyingPaymentStreamPayment-DateGrp	[0..*]	Group	
UnderlyingPaymentStreamPayment-FrequencyPeriod	[0..1]	int	Conditionally required when UnderlyingPaymentStreamPaymentFrequencyUnit(40584) is specified.
UnderlyingPaymentStreamPayment-FrequencyUnit	[0..1]	CodeSet	Conditionally required when UnderlyingPaymentStreamPaymentFrequencyPeriod(40583) is specified.
UnderlyingPaymentStreamPayment-RollConvention	[0..1]	CodeSet	When specified, this overrides the date roll convention defined in the UnderlyingDateAdjustment component in UnderlyingInstrument. The specified values would be specific to this instance of the stream payment dates.
UnderlyingPaymentStreamFirstPaymentDateUnadjusted	[0..1]	LocalMktDate	
UnderlyingPaymentStreamLastRegularPaymentDateUnadjusted	[0..1]	LocalMktDate	
UnderlyingPaymentStreamPayment-DateRelativeTo	[0..1]	int	
UnderlyingPaymentStreamPayment-DateOffsetPeriod	[0..1]	int	Conditionally required when UnderlyingPaymentStreamPaymentOffsetUnit(40590) is specified.

Name	Mult.	Type	Description
<a href="#">UnderlyingPaymentStreamPayment-DateOffsetUnit</a>	[0..1]	CodeSet	Conditionally required when <a href="#">UnderlyingPaymentStreamPaymentOffsetPeriod(40589)</a> is specified.
<a href="#">UnderlyingPaymentStreamPayment-DateOffsetDayType</a>	[0..1]	CodeSet	
<a href="#">UnderlyingPaymentStreamMasterAgreementPaymentDatesIndicator</a>	[0..1]	Boolean	
<a href="#">UnderlyingPaymentStreamFinalPrice-PaymentDate</a>	[0..1]	Component	

Used in components: [UnderlyingPaymentStream](#)

#### 170.2.6148 UnderlyingPaymentStreamPaymentDateType

Specifies the type of payment date. When specified it applies not only to the current date but to all subsequent dates in the group until overridden with a new type.

Type: [int](#)

Allowed values in [OptionExerciseDateTypeCodeSet](#):

Code	Name	Description
0	Unadjusted	Unadjusted
1	Adjusted	Adjusted

Used in groups: [UnderlyingPaymentStreamPaymentDateGrp](#)

#### 170.2.6149 UnderlyingPaymentStreamPaymentFrequencyPeriod

Time unit multiplier for the frequency of payments.

Type: [int](#)

Used in components: [UnderlyingPaymentStreamPaymentDates](#)

**170.2.6150 UnderlyingPaymentStreamPaymentFrequencyUnit**

Time unit associated with the frequency of payments.

Type: **String**

Allowed values in PaymentStreamPaymentFrequencyUnitCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
D	Day	Day
Wk	Week	Week
Mo	Month	Month
Yr	Year	Year
T	Term	Term

---

Used in components: **UnderlyingPaymentStreamPaymentDates**

**170.2.6151 UnderlyingPaymentStreamPaymentRollConvention**

The convention for determining the sequence of end dates. It is used in conjunction with a specified frequency. Used only to override the roll convention specified in the UnderlyingDateAdjustment component within the UnderlyingInstrument component.

Type: **String**

Allowed values in DateRollConventionCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
1	FirstDay	1st day of the month
2	SecondDay	2nd day of the month
3	ThirdDay	3rd day of the month
4	FourthDay	4th day of the month
5	FifthDay	5th day of the month
6	SixthDay	6thd day of the month
7	SeventhDay	7th day of the month
8	EighthDay	8th day of the month
9	NinthDay	9th day of the month
10	TenthDay	10th day of the month

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
11	EleventhDay	11th day of the month
12	TwelvthDay	12th day of the month
13	ThirteenthDay	13th day of the month
14	ForteenthDay	14th day of the month
15	FifteenthDay	15th day of the month
16	SixteenthDay	16th day of the month
17	SeventeenthDay	17th day of the month
18	EighteenthDay	18th day of the month
19	NineteenthDay	19th day of the month
20	TwentiethDay	20th day of the month
21	TwentyFirstDay	21st day of the month
22	TwentySecondDay	22nd day of the month
23	TwentyThirdDay	23rd day of the month
24	TwentyFourthDay	24th day of the month
25	TwentyFifthDay	25th day of the month
26	TwentySixthDay	26th day of the month
27	TwentySeventhDay	27th day of the month
28	TwentyEighthDay	28th day of the month
29	TwentyNinthDay	29th day of the month
30	ThirtiethDay	30th day of the month
EOM	EOM	The end of the month. Use EOM for 31st day of the month.
FRN	FRN	The floating rate note convention or Eurodollar convention.
IMM	IMM	The International Money Market settlement date, i.e. the 3rd Wednesday of the month.
IMMCAD	IMMCAD	The last trading day/expiration day of the Canadian Derivatives Exchange.
IMMAUD	IMMAUD	The last trading day of the Sydney Futures Exchange Australian 90-day bank accepted bill futures contract.
IMMNZD	IMMNZD	The last trading day of the Sydney Futures Exchange New Zealand 90-day bank bill futures contract.
SFE	SFE	The Sydney Futures Exchange 90-day bank accepted bill futures settlement dates.
NONE	NONE	No adjustment
TBILL	TBILL	The 13-week and 26-week U.S. Treasury Bill auction dates.
MON	MON	Monday

Code	Name	Description
TUE	TUE	Tuesday
WED	WED	Wednesday
THU	THU	Thursday
FRI	FRI	Friday
SAT	SAT	Saturday
SUN	SUN	Sunday

Used in components: [UnderlyingPaymentStreamPaymentDates](#)

### **170.2.6152 UnderlyingPaymentStreamPricingBusinessCalendar**

Specifies the business calendar to use for pricing.

See <http://www.fpml.org/coding-scheme/commodity-business-calendar> for values.

Type: [String](#)

Used in components: [UnderlyingPaymentStreamFloatingRate](#)

### **170.2.6153 UnderlyingPaymentStreamPricingBusinessCenter**

The business center calendar used to adjust the payment stream's pricing dates, e.g. "GBLO".

See <http://www.fpml.org/coding-scheme/business-center> for standard 4-character code values.

Type: [String](#)

Used in groups: [UnderlyingPaymentStreamPricingBusinessCenterGrp](#)

### **170.2.6154 UnderlyingPaymentStreamPricingBusinessCenterGrp**

`UnderlyingPaymentStreamPricingBusinessCenterGrp` is a repeating subcomponent of the `UnderlyingPaymentStreamFloatingRate` component used to specify the set of business centers whose calendars drive date adjustment. Used only to override the business centers defined in the `UnderlyingDateAdjustment` component in `UnderlyingInstrument`.



Name	Mult.	Type	Description
NoUnderlyingPaymentStreamPricing-BusinessCenters	[1..1]	NumInGroup	
UnderlyingPaymentStreamPricing-BusinessCenter	[0..1]	String	Required if NoUnderlyingPaymentStreamPricing-BusinessCenters(41909) > 0.

Used in components: [UnderlyingPaymentStreamFloatingRate](#)

### 170.2.6155 UnderlyingPaymentStreamPricingBusinessDayConvention

The business day convention used to adjust the payment stream's pricing dates. Used only to override the business day convention specified in the UnderlyingDateAdjustment component within the UnderlyingInstrument component.

Type: [int](#)

Allowed values in BusinessDayConventionCodeSet:

Code	Name	Description
0	NotApplicable	Not applicable. Business day convention is not applicable.
1	None	None (current day)
2	FollowingDay	Following day. The following business day.
3	FloatingRateNote	Floating rate note. The FRN business day convention.
4	ModifiedFollowingDay	Modified following day. The modified following business day.
5	PrecedingDay	Preceding day. The preceding business day.
6	ModifiedPrecedingDay	Modified preceding day. The modified preceding business day.
7	NearestDay	Nearest day. The nearest applicable business day.

Used in components: [UnderlyingPaymentStreamFloatingRate](#)

### 170.2.6156 UnderlyingPaymentStreamPricingDate

An adjusted or unadjusted fixed pricing date.

Type: [LocalMktDate](#)

Used in groups: [UnderlyingPaymentStreamPricingDateGrp](#)

**170.2.6157 UnderlyingPaymentStreamPricingDateGrp**

The UnderlyingPaymentStreamPricingDateGrp is a repeating subcomponent of the UnderlyingPaymentStreamFloatingRate component used to detail fixed pricing dates.

Name	Mult.	Type	Description
NoUnderlyingPaymentStreamPricing-Dates	[1..1]	NumInGroup	
UnderlyingPaymentStreamPricingDate	[0..1]	LocalMktDate	Required if NoUnderlyingPaymentStreamPricing-Dates(41941) > 0.
UnderlyingPaymentStreamPricing-DateType	[0..1]	CodeSet	When specified it applies not only to the current date but to all subsequent dates in the group until overridden with a new type.

Used in components: [UnderlyingPaymentStreamFloatingRate](#)

**170.2.6158 UnderlyingPaymentStreamPricingDateType**

Specifies the type of pricing date. When specified it applies not only to the current date but to all subsequent dates in the group until overridden with a new type.

Type: `int`

Allowed values in OptionExerciseDateTypeCodeSet:

Code	Name	Description
0	Unadjusted	Unadjusted
1	Adjusted	Adjusted

Used in groups: [UnderlyingPaymentStreamPricingDateGrp](#)

**170.2.6159 UnderlyingPaymentStreamPricingDayCount**

The number of days over which pricing should take place.

Type: `int`

Used in components: [UnderlyingPaymentStreamFloatingRate](#)

**170.2.6160 UnderlyingPaymentStreamPricingDayDistribution**

The distribution of pricing days.

Type: **int**

Allowed values in PaymentStreamPricingDayDistributionCodeSet:

Code	Name	Description
0	All	All
1	First	First
2	Last	Last
3	Penultimate	Penultimate

Used in components: **UnderlyingPaymentStreamFloatingRate**

**170.2.6161 UnderlyingPaymentStreamPricingDayGrp**

The UnderlyingPaymentStreamPricingDayGrp is a repeating subcomponent of the UnderlyingPaymentStreamFloatingRate component used to detail periodic pricing days.

Name	Mult.	Type	Description
<b>NoUnderlyingPaymentStreamPricing-Days</b>	[1..1]	NumInGroup	
<b>UnderlyingPaymentStreamPricingDay-OfWeek</b>	[0..1]	CodeSet	Required if NoUnderlyingPaymentStreamPricingDays(41944) > 0.
<b>UnderlyingPaymentStreamPricing-DayNumber</b>	[0..1]	int	

Used in components: **UnderlyingPaymentStreamFloatingRate**

**170.2.6162 UnderlyingPaymentStreamPricingDayNumber**

The occurrence of the day of week on which pricing takes place.

Type: **int**

Used in groups: **UnderlyingPaymentStreamPricingDayGrp**

**170.2.6163 UnderlyingPaymentStreamPricingDayOfWeek**

The day of the week on which pricing takes place.

Type: **int**

Allowed values in PaymentStreamPricingDayOfWeekCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	EveryDay	Every day (the default if not specified)
1	Monday	Monday
2	Tuesday	Tuesday
3	Wednesday	Wednesday
4	Thursday	Thursday
5	Friday	Friday
6	Saturday	Saturday
7	Sunday	Sunday

---

Used in groups: **UnderlyingPaymentStreamPricingDayGrp**

**170.2.6164 UnderlyingPaymentStreamPricingDayType**

Specifies the commodity pricing day type.

Type: **int**

Allowed values in ComplexEventDateOffsetDayTypeCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	Business	Business
1	Calendar	Calendar
2	CommodityBusiness	Commodity business
3	CurrencyBusiness	Currency business
4	ExchangeBusiness	Exchange business
5	ScheduledTradingDay	Scheduled trading day

---

Used in components: **UnderlyingPaymentStreamFloatingRate**

**170.2.6165 UnderlyingPaymentStreamRate**

The rate applicable to the fixed rate payment stream.

Type: **Percentage**

Used in components: **UnderlyingPaymentStreamFixedRate**

**170.2.6166 UnderlyingPaymentStreamRateConversionFactor**

The number to be multiplied by the derived floating rate of the underlying's payment stream in order to arrive at the payment rate. If omitted, the floating rate conversion factor is 1.

Type: **float**

Used in components: **UnderlyingPaymentStreamFloatingRate**

**170.2.6167 UnderlyingPaymentStreamRateCutoffDateOffsetDayType**

Specifies the day type of the relative rate cut-off date offset.

Type: **int**

Allowed values in PaymentStreamPaymentDateOffsetDayTypeCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	Business	Business
1	Calendar	Calendar
2	CommodityBusiness	Commodity business
3	CurrencyBusiness	Currency business
4	ExchangeBusiness	Exchange business
5	ScheduledTradingDay	Scheduled trading day

---

Used in components: **UnderlyingPaymentStreamResetDates**

**170.2.6168 UnderlyingPaymentStreamRateCutoffDateOffsetPeriod**

Time unit multiplier for the relative rate cut-off date offset.

Type: **int**

Used in components: **UnderlyingPaymentStreamResetDates**

**170.2.6169 UnderlyingPaymentStreamRateCutoffDateOffsetUnit**

Time unit associated with the relative rate cut-off date offset.

Type: **String**

Allowed values in PaymentStreamPaymentDateOffsetUnitCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
D	Day	Day
Wk	Week	Week
Mo	Month	Month
Yr	Year	Year

---

Used in components: **UnderlyingPaymentStreamResetDates**

**170.2.6170 UnderlyingPaymentStreamRateIndex**

The payment stream's floating rate index.

Type: **String**

Used in components: **UnderlyingPaymentStreamFloatingRate**

**170.2.6171 UnderlyingPaymentStreamRateIndex2**

The payment stream's second floating rate index.

Type: **String**

Used in components: **UnderlyingPaymentStreamFloatingRate**

**170.2.6172 UnderlyingPaymentStreamRateIndex2CurvePeriod**

Secondary time unit multiplier for the payment stream's floating rate index curve.

Type: **int**

Used in components: **UnderlyingPaymentStreamFloatingRate**

**170.2.6173 UnderlyingPaymentStreamRateIndex2CurveUnit**

Secondary time unit associated with the payment stream's floating rate index curve.

Type: **String**

Allowed values in PaymentStreamRateIndexCurveUnitCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
D	Day	Day
Wk	Week	Week
Mo	Month	Month
Yr	Year	Year

---

Used in components: **UnderlyingPaymentStreamFloatingRate**

**170.2.6174 UnderlyingPaymentStreamRateIndex2ID**

Security identifier of the second floating rate index.

Type: **String**

Used in components: **UnderlyingPaymentStreamFloatingRate**

**170.2.6175 UnderlyingPaymentStreamRateIndex2IDSource**

Source for the second floating rate index identified in UnderlyingPaymentStreamRateIndex2ID(43122).

Type: **String**

Allowed values in SecurityIDSourceCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
1	CUSIP	CUSIP
2	SEDOL	SEDOL
3	QUIK	QUIK
4	ISINNumber	ISIN
5	RICCode	RIC

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
6	ISOCurrencyCode	ISO Currency Code (ISO 4217)
7	ISOCountryCode	ISO Country Code
8	ExchangeSymbol	Exchange symbol
9	ConsolidatedTapeAssociation	Consolidated Tape Association (CTA) Symbol (SIAC CTS/CQS line format)
A	BloombergSymbol	Bloomberg Symbol
B	Wertpapier	Wertpapier
C	Dutch	Dutch
D	Valoren	Valoren
E	Sicovam	Sicovam
F	Belgian	Belgian
G	Common	"Common" (Clearstream and Euroclear)
H	ClearingHouse	Clearing house / Clearing organization
I	ISDAFpMLSpecification	ISDA/FpML product specification (XML in SecurityXML(1185))
J	OptionPriceReportingAuthority	Option Price Reporting Authority
K	ISDAFpMLURL	ISDA/FpML product URL (URL in SecurityID(48))
L	LetterOfCredit	Letter of credit
M	MarketplaceAssignedIdentifier	Marketplace-assigned Identifier
N	MarkitREDEntityCLIP	Markit RED entity CLIP
P	MarkitREDPairCLIP	Markit RED pair CLIP
Q	CFTCCommodityCode	CFTC commodity code
R	ISDACommodityReferencePrice	ISDA Commodity Reference Price
S	FinancialInstrumentGlobalIdentifier	Financial Instrument Global Identifier. An Object Management Group (OMG) standard. Also referred to as FIGI. Formerly known as "Bloomberg Open Symbology BBGID".
T	LegalEntityIdentifier	Legal entity identifier
U	Synthetic	Synthetic. Used to specify that the security identifier is synthetic for linking nested underliers when there is no market identifier for the collection.
V	FidessaInstrumentMnemonic	Fidessa Instrument Mnemonic (FIM)
W	IndexName	Index name. Standard name of the index or rate index, e.g. "LIBOR" or "iTraxx Australia".
X	UniformSymbol	Uniform Symbol (UMTF Symbol)
Y	DigitalTokenIdentifier	Digital Token Identifier (ISO 24165)



Used in components: [UnderlyingPaymentStreamFloatingRate](#)

### 170.2.6176 UnderlyingPaymentStreamRateIndex2Source

The source of the payment stream's second floating rate index.

Type: [int](#)

Allowed values in PaymentStreamRateIndexSourceCodeSet:

Code	Name	Description
0	Bloomberg	Bloomberg
1	Reuters	Reuters
2	Telerate	Telerate
99	Other	Other

Used in components: [UnderlyingPaymentStreamFloatingRate](#)

### 170.2.6177 UnderlyingPaymentStreamRateIndexCurvePeriod

Time unit multiplier for the underlying instrument's floating rate index.

Type: [int](#)

Used in components: [UnderlyingPaymentStreamFloatingRate](#)

### 170.2.6178 UnderlyingPaymentStreamRateIndexCurveUnit

Time unit associated with the underlying instrument's floating rate index.

Type: [String](#)

Allowed values in PaymentStreamRateIndexCurveUnitCodeSet:

Code	Name	Description
D	Day	Day
Wk	Week	Week
Mo	Month	Month
Yr	Year	Year

Used in components: [UnderlyingPaymentStreamFloatingRate](#)

**170.2.6179 UnderlyingPaymentStreamRateIndexID**

Security identifier of the floating rate index.

Type: **String**

Used in components: **UnderlyingPaymentStreamFloatingRate**

**170.2.6180 UnderlyingPaymentStreamRateIndexIDSource**

Source for the floating rate index identified in UnderlyingPaymentStreamRateIndexID(43092).

Type: **String**

Allowed values in SecurityIDSourceCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
1	CUSIP	CUSIP
2	SEDOL	SEDOL
3	QUIK	QUIK
4	ISINNumber	ISIN
5	RICCode	RIC
6	ISOCurrencyCode	ISO Currency Code (ISO 4217)
7	ISOCountryCode	ISO Country Code
8	ExchangeSymbol	Exchange symbol
9	ConsolidatedTapeAssociation	Consolidated Tape Association (CTA) Symbol (SIAC CTS/CQS line format)
A	BloombergSymbol	Bloomberg Symbol
B	Wertpapier	Wertpapier
C	Dutch	Dutch
D	Valoren	Valoren
E	Sicovam	Sicovam
F	Belgian	Belgian
G	Common	"Common" (Clearstream and Euroclear)
H	ClearingHouse	Clearing house / Clearing organization
I	ISDAFpMLSpecification	ISDA/FpML product specification (XML in SecurityXML(1185))
J	OptionPriceReportingAuthority	Option Price Reporting Authority
K	ISDAFpMLURL	ISDA/FpML product URL (URL in SecurityID(48))
L	LetterOfCredit	Letter of credit

---

Code	Name	Description
M	MarketplaceAssignedIdentifier	Marketplace-assigned Identifier
N	MarkitREDEntityCLIP	Markit RED entity CLIP
P	MarkitREDPairCLIP	Markit RED pair CLIP
Q	CFTCCommodityCode	CFTC commodity code
R	ISDACommodityReferencePrice	ISDA Commodity Reference Price
S	FinancialInstrumentGlobalIdentifier	Financial Instrument Global Identifier. An Object Management Group (OMG) standard. Also referred to as FIGI. Formerly known as "Bloomberg Open Symbology BBGID".
T	LegalEntityIdentifier	Legal entity identifier
U	Synthetic	Synthetic. Used to specify that the security identifier is synthetic for linking nested underliers when there is no market identifier for the collection.
V	FidessaInstrumentMnemonic	Fidessa Instrument Mnemonic (FIM)
W	IndexName	Index name. Standard name of the index or rate index, e.g. "LIBOR" or "iTraxx Australia".
X	UniformSymbol	Uniform Symbol (UMTF Symbol)
Y	DigitalTokenIdentifier	Digital Token Identifier (ISO 24165)

---

Used in components: [UnderlyingPaymentStreamFloatingRate](#)

#### **170.2.6181 UnderlyingPaymentStreamRateIndexLevel**

This is the weather Cooling Degree Days (CDD), Heating Degree Days (HDD) or HDD index level specified as the number of (amount of) weather index units specified by the parties in the related confirmation.

Type: [Qty](#)

Used in components: [UnderlyingPaymentStreamFloatingRate](#)

#### **170.2.6182 UnderlyingPaymentStreamRateIndexLocation**

Specifies the location of the floating rate index.

Type: [String](#)

Used in components: [UnderlyingPaymentStreamFloatingRate](#)

**170.2.6183 UnderlyingPaymentStreamRateIndexSource**

The source of the payment stream floating rate index.

Type: **int**

Allowed values in PaymentStreamRateIndexSourceCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	Bloomberg	Bloomberg
1	Reuters	Reuters
2	Telerate	Telerate
99	Other	Other

---

Used in components: **UnderlyingPaymentStreamFloatingRate**

**170.2.6184 UnderlyingPaymentStreamRateIndexUnitOfMeasure**

The unit of measure (UOM) of the rate index level.

Type: **String**

Allowed values in UnitOfMeasureCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
Alw	Allowances	Allowances
Bcf	BillionCubicFeet	Billion cubic feet
Bbl	Barrels	Barrels. Equal to 42 US gallons
CBM	CubicMeters	Cubic Meters
BDFT	BoardFeet	Board feet. Equal to 144 cubic inches
GJ	Gigajoules	gigajoules
Bu	Bushels	Bushels
kHR	HeatRate	Heat rate. The number of BTUs required to produce one kilowatt hour of electricity, typically 3,412.14 BTUs per 1 kWh.
Ccy	Currency	Amount of currency
kWh	KilowattHours	Kilowatt hours
CDD	CoolingDegreeDay	Cooling degree day

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
MHR	MegaHeatRate	Mega heat rate. The number of million BTUs required to produce one megawatt hour of electricity, typically 3.41214 million BTUs per 1 MWh.
CER	CertifiedEmissionsReduction	Certified emissions reduction
MMBtu	OneMillionBTU	One Million BTU
CPD	CriticalPrecipDay	Critical precipitation day
MWh	MegawattHours	Megawatt hours
CRT	ClimateReserveTonnes	Climate reserve tonnes
thm	Therms	therms. Equal to 100,000 BTU
cwt	Hundredweight	Hundredweight(US). Equal to 100 lbs
tnCO2	TonsOfCarbonDioxide	Tons of carbon dioxide
day	Day	Days
dt	DryMetricTons	Dry metric tons
EnvAllwnc	EnvAllwncCert	Environmental allowance certificates
EnvCrd	EnvironmentalCredit	Environmental credit
EnvOfst	EnvironmentalOffset	Environmental Offset
g	Grams	Grams
Gal	Gallons	Gallons
GT	GrossTons	Gross tons. Also known as long tons or imperial tons, equal to 2240 lbs
HDD	HeatingDegreeDay	Heating degree day
IPNT	IndexPoint	Index point
kg	Kilograms	Kilograms
kL	Kiloliters	kiloliters
kW-a	KilowattYear	Kilowatt year (electrical capacity)
kW-d	KilowattDay	Kilowatt day (electrical capacity)
kW-h	KilowattHour	Kilowatt hour (electrical capacity)
kW-M	KilowattMonth	Kilowatt month (electrical capacity)
kW-min	KilowattMinute	Kilowatt-Minute (electrical capacity)
L	Liters	liters
lbs	Pounds	pounds
MW-a	MegawattYear	Megawatt year (electrical capacity)
MW-d	MegawattDay	Megawatt day (electrical capacity)
MW-h	MegawattHour	Megawatt hour (electrical capacity)
MW-M	MegawattMonth	Megawatt month (electrical capacity)

<b>Code</b>	<b>Name</b>	<b>Description</b>
MW-min	MegawattMinute	Megawatt minute (electrical capacity)
oz_tr	TroyOunces	Troy ounces
PRINC	PrincipalWithRelationToDebtInstrument	Principal with relation to debt instrument
t	MetricTons	Metric tons. Also known as Tonnes, equal to 1000 kg
tn	Tons	Tons (US). Equal to 2000 lbs
a	Are	Are
ac	Acre	Acre
cL	Centiliter	Centiliter
cM	Centimeter	Centimeter
DGE	DieselGallonEquivalent	Diesel gallon equivalent
ft	Foot	Foot
Gal_gb	GBGallon	GB Gallon
GGE	GasolineGallonEquivalent	Gasonline gallon equivalent
ha	Hectare	Hectare
in	Inch	Inch
kM	Kilometer	Kilometer
M	Meter	Meter
mi	Mile	Mile
mL	Milliliter	Milliliter
mM	Millimeter	Millimeter
oz	USOunce	US ounce
pc	Piece	Piece
pt	USPint	US Pint
pt_gb	GBPint	GB pint
qt	USQuart	US Quart
qt_gb	GBQuart	GB Quart
SqcM	SquareCentimeter	Square centimeter
Sqft	SquareFoot	Square foot
Sqin	SquareInch	Square inch
SqkM	SquareKilometer	Square kilometer
SqM	SquareMeter	Square meter
Sqmi	SquareMile	Square mile
SqmM	SquareMillimeter	Square millimeter

Code	Name	Description
Sqyd	SquareYard	Square yard
yd	Yard	Yard
MMbbl	MillionBarrels	Million Barrels
USD	USDollars	US Dollars

---

Used in components: [UnderlyingPaymentStreamFloatingRate](#)

### **170.2.6185 UnderlyingPaymentStreamRateMultiplier**

A rate multiplier to apply to the floating rate. A multiplier schedule is expressed as explicit multipliers and dates. In the case of a schedule, the step dates may be subject to adjustment in accordance with any adjustments specified in the calculationPeriodDatesAdjustments. The multiplier can be less than or greater than 1 (one). This element should only be included if the multiplier is not equal to 1 (one) for the term of the stream.

Type: [float](#)

Used in components: [UnderlyingPaymentStreamFloatingRate](#)

### **170.2.6186 UnderlyingPaymentStreamRateOrAmountCurrency**

Specifies the currency in which UnderlyingPaymentStreamFixedAmount(40616) or UnderlyingPaymentStreamRate(40615) is denominated. Users ISO 4271 currency codes.

Type: [Currency](#)

Used in components: [UnderlyingPaymentStreamFixedRate](#)

### **170.2.6187 UnderlyingPaymentStreamRateSpread**

Spread from floating rate index.

Type: [PriceOffset](#)

Used in components: [UnderlyingPaymentStreamFloatingRate](#)

**170.2.6188 UnderlyingPaymentStreamRateSpreadCurrency**

Specifies the currency of the floating rate spread. Uses ISO 4217 currency codes.

Type: **Currency**

Used in components: **UnderlyingPaymentStreamFloatingRate**

**170.2.6189 UnderlyingPaymentStreamRateSpreadPositionType**

Identifies a short or long spread value.

Type: **int**

Allowed values in PaymentStreamRateSpreadPositionTypeCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	Short	Short
1	Long	Long

---

Used in components: **UnderlyingPaymentStreamFloatingRate**

**170.2.6190 UnderlyingPaymentStreamRateSpreadType**

Identifies whether the rate spread is an absolute value to be added to the index rate or a percentage of the index rate.

Type: **int**

Allowed values in PaymentStreamRateSpreadTypeCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	Absolute	Absolute
1	Percentage	Percentage

---

Used in components: **UnderlyingPaymentStreamFloatingRate**



**170.2.6191 UnderlyingPaymentStreamRateSpreadUnitOfMeasure**

Specifies the unit of measure (UOM) of the floating rate spread.

Type: **String**

Allowed values in UnitOfMeasureCodeSet:

Code	Name	Description
Alw	Allowances	Allowances
Bcf	BillionCubicFeet	Billion cubic feet
Bbl	Barrels	Barrels. Equal to 42 US gallons
CBM	CubicMeters	Cubic Meters
BDFT	BoardFeet	Board feet. Equal to 144 cubic inches
GJ	Gigajoules	gigajoules
Bu	Bushels	Bushels
kHR	HeatRate	Heat rate. The number of BTUs required to produce one kilowatt hour of electricity, typically 3,412.14 BTUs per 1 kWh.
Ccy	Currency	Amount of currency
kWh	KilowattHours	Kilowatt hours
CDD	CoolingDegreeDay	Cooling degree day
MHR	MegaHeatRate	Mega heat rate. The number of million BTUs required to produce one megawatt hour of electricity, typically 3.41214 million BTUs per 1 MWh.
CER	CertifiedEmissionsReduction	Certified emissions reduction
MMBtu	OneMillionBTU	One Million BTU
CPD	CriticalPrecipDay	Critical precipitation day
MWh	MegawattHours	Megawatt hours
CRT	ClimateReserveTonnes	Climate reserve tonnes
thm	Therms	therms. Equal to 100,000 BTU
cwt	Hundredweight	Hundredweight(US). Equal to 100 lbs
tnCO2	TonsOfCarbonDioxide	Tons of carbon dioxide
day	Day	Days
dt	DryMetricTons	Dry metric tons
EnvAllwnc	EnvAllwncCert	Environmental allowance certificates
EnvCrd	EnvironmentalCredit	Environmental credit
EnvOfst	EnvironmentalOffset	Environmental Offset
g	Grams	Grams

<b>Code</b>	<b>Name</b>	<b>Description</b>
Gal	Gallons	Gallons
GT	GrossTons	Gross tons. Also known as long tons or imperial tons, equal to 2240 lbs
HDD	HeatingDegreeDay	Heating degree day
IPNT	IndexPoint	Index point
kg	Kilograms	Kilograms
kL	Kiloliters	kiloliters
kW-a	KilowattYear	Kilowatt year (electrical capacity)
kW-d	KilowattDay	Kilowatt day (electrical capacity)
kW-h	KilowattHour	Kilowatt hour (electrical capacity)
kW-M	KilowattMonth	Kilowatt month (electrical capacity)
kW-min	KilowattMinute	Kilowatt-Minute (electrical capacity)
L	Liters	liters
lbs	Pounds	pounds
MW-a	MegawattYear	Megawatt year (electrical capacity)
MW-d	MegawattDay	Megawatt day (electrical capacity)
MW-h	MegawattHour	Megawatt hour (electrical capacity)
MW-M	MegawattMonth	Megawatt month (electrical capacity)
MW-min	MegawattMinute	Megawatt minute (electrical capacity)
oz_tr	TroyOunces	Troy ounces
PRINC	PrincipalWithRelationToDebtInstrument	Principal with relation to debt instrument
t	MetricTons	Metric tons. Also known as Tonnes, equal to 1000 kg
tn	Tons	Tons (US). Equal to 2000 lbs
a	Are	Are
ac	Acre	Acre
cL	Centiliter	Centiliter
cM	Centimeter	Centimeter
DGE	DieselGallonEquivalent	Diesel gallon equivalent
ft	Foot	Foot
Gal_gb	GBGallon	GB Gallon
GGE	GasolineGallonEquivalent	Gasonline gallon equivalent
ha	Hectare	Hectare
in	Inch	Inch
kM	Kilometer	Kilometer

Code	Name	Description
M	Meter	Meter
mi	Mile	Mile
mL	Milliliter	Milliliter
mM	Millimeter	Millimeter
oz	USOunce	US ounce
pc	Piece	Piece
pt	USPint	US Pint
pt_gb	GBPint	GB pint
qt	USQuart	US Quart
qt_gb	GBQuart	GB Quart
SqcM	SquareCentimeter	Square centimeter
Sqft	SquareFoot	Square foot
Sqin	SquareInch	Square inch
SqkM	SquareKilometer	Square kilometer
SqM	SquareMeter	Square meter
Sqmi	SquareMile	Square mile
SqmM	SquareMillimeter	Square millimeter
Sqyd	SquareYard	Square yard
yd	Yard	Yard
MMbbl	MillionBarrels	Million Barrels
USD	USDollars	US Dollars

Used in components: [UnderlyingPaymentStreamFloatingRate](#)

### 170.2.6192 UnderlyingPaymentStreamRateTreatment

Specifies the yield calculation treatment for the index.

Type: [int](#)

Allowed values in PaymentStreamRateTreatmentCodeSet:

Code	Name	Description
0	BondEquivalentYield	Bond equivalent yield
1	MoneyMarketYield	Money market yield

Used in components: [UnderlyingPaymentStreamFloatingRate](#)

### **170.2.6193 UnderlyingPaymentStreamRealizedVarianceMethod**

Indicates which price to use to satisfy the boundary condition.

Type: [int](#)

Allowed values in PaymentStreamRealizedVarianceMethodCodeSet:

Code	Name	Description
0	Previous	Previous. For a return on day T, the observed price on T-1 must be in range.
1	Last	Last. For a return on day T, the observed price on T must be in range.
2	Both	Both. For a return on day T, the observed prices on both T and T-1 must be in range.

Used in components: [UnderlyingPaymentStreamFloatingRate](#)

### **170.2.6194 UnderlyingPaymentStreamReferenceLevel**

This is the weather Cooling Degree Days (CDD), Heating Degree Days (HDD) or HDD reference level specified as the number of (amount of) weather index units specified by the parties in the related confirmation.

Type: [Qty](#)

Used in components: [UnderlyingPaymentStreamFloatingRate](#)

### **170.2.6195 UnderlyingPaymentStreamReferenceLevelEqualsZeroIndicator**

When set to 'Y', it indicates that the weather reference level equals zero.

Type: [Boolean](#)

Used in components: [UnderlyingPaymentStreamFloatingRate](#)

**170.2.6196 UnderlyingPaymentStreamReferenceLevelUnitOfMeasure**

The unit of measure (UOM) of the rate reference level.

Type: **String**

Allowed values in UnitOfMeasureCodeSet:

Code	Name	Description
Alw	Allowances	Allowances
Bcf	BillionCubicFeet	Billion cubic feet
Bbl	Barrels	Barrels. Equal to 42 US gallons
CBM	CubicMeters	Cubic Meters
BDFT	BoardFeet	Board feet. Equal to 144 cubic inches
GJ	Gigajoules	gigajoules
Bu	Bushels	Bushels
kHR	HeatRate	Heat rate. The number of BTUs required to produce one kilowatt hour of electricity, typically 3,412.14 BTUs per 1 kWh.
Ccy	Currency	Amount of currency
kWh	KilowattHours	Kilowatt hours
CDD	CoolingDegreeDay	Cooling degree day
MHR	MegaHeatRate	Mega heat rate. The number of million BTUs required to produce one megawatt hour of electricity, typically 3.41214 million BTUs per 1 MWh.
CER	CertifiedEmissionsReduction	Certified emissions reduction
MMBtu	OneMillionBTU	One Million BTU
CPD	CriticalPrecipDay	Critical precipitation day
MWh	MegawattHours	Megawatt hours
CRT	ClimateReserveTonnes	Climate reserve tonnes
thm	Therms	therms. Equal to 100,000 BTU
cwt	Hundredweight	Hundredweight(US). Equal to 100 lbs
tnCO2	TonsOfCarbonDioxide	Tons of carbon dioxide
day	Day	Days
dt	DryMetricTons	Dry metric tons
EnvAllwnc	EnvAllwncCert	Environmental allowance certificates
EnvCrd	EnvironmentalCredit	Environmental credit
EnvOfst	EnvironmentalOffset	Environmental Offset
g	Grams	Grams

<b>Code</b>	<b>Name</b>	<b>Description</b>
Gal	Gallons	Gallons
GT	GrossTons	Gross tons. Also known as long tons or imperial tons, equal to 2240 lbs
HDD	HeatingDegreeDay	Heating degree day
IPNT	IndexPoint	Index point
kg	Kilograms	Kilograms
kL	Kiloliters	kiloliters
kW-a	KilowattYear	Kilowatt year (electrical capacity)
kW-d	KilowattDay	Kilowatt day (electrical capacity)
kW-h	KilowattHour	Kilowatt hour (electrical capacity)
kW-M	KilowattMonth	Kilowatt month (electrical capacity)
kW-min	KilowattMinute	Kilowatt-Minute (electrical capacity)
L	Liters	liters
lbs	Pounds	pounds
MW-a	MegawattYear	Megawatt year (electrical capacity)
MW-d	MegawattDay	Megawatt day (electrical capacity)
MW-h	MegawattHour	Megawatt hour (electrical capacity)
MW-M	MegawattMonth	Megawatt month (electrical capacity)
MW-min	MegawattMinute	Megawatt minute (electrical capacity)
oz_tr	TroyOunces	Troy ounces
PRINC	PrincipalWithRelationToDebtInstrument	Principal with relation to debt instrument
t	MetricTons	Metric tons. Also known as Tonnes, equal to 1000 kg
tn	Tons	Tons (US). Equal to 2000 lbs
a	Are	Are
ac	Acre	Acre
cL	Centiliter	Centiliter
cM	Centimeter	Centimeter
DGE	DieselGallonEquivalent	Diesel gallon equivalent
ft	Foot	Foot
Gal_gb	GBGallon	GB Gallon
GGE	GasolineGallonEquivalent	Gasonline gallon equivalent
ha	Hectare	Hectare
in	Inch	Inch
kM	Kilometer	Kilometer

Code	Name	Description
M	Meter	Meter
mi	Mile	Mile
mL	Milliliter	Milliliter
mM	Millimeter	Millimeter
oz	USOunce	US ounce
pc	Piece	Piece
pt	USPint	US Pint
pt_gb	GBPint	GB pint
qt	USQuart	US Quart
qt_gb	GBQuart	GB Quart
SqcM	SquareCentimeter	Square centimeter
Sqft	SquareFoot	Square foot
Sqin	SquareInch	Square inch
SqkM	SquareKilometer	Square kilometer
SqM	SquareMeter	Square meter
Sqmi	SquareMile	Square mile
SqmM	SquareMillimeter	Square millimeter
Sqyd	SquareYard	Square yard
yd	Yard	Yard
MMbbl	MillionBarrels	Million Barrels
USD	USDollars	US Dollars

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Used in components: [UnderlyingPaymentStreamFloatingRate](#)

### **170.2.6197 UnderlyingPaymentStreamResetDateBusinessCenter**

The business center calendar used to adjust the payment stream's reset date, e.g. "GBLO".

See <http://www.fpml.org/coding-scheme/business-center> for standard 4-character code values.

Type: [String](#)

Used in groups: [UnderlyingPaymentStreamResetDateBusinessCenterGrp](#)

### 170.2.6198 UnderlyingPaymentStreamResetDateBusinessCenterGrp

UnderlyingPaymentStreamResetDateBusinessCenterGrp is a repeating subcomponent within the UnderlyingPaymentStreamResetDates component. It is used to specify the set of business centers whose calendars drive the date adjustment. Used only to override the business centers defined in the UnderlyingDateAdjustment component within the UnderlyingInstrument component.

Name	Mult.	Type	Description
NoUnderlyingPaymentStreamResetDateBusinessCenters	[1..1]	NumInGroup	
UnderlyingPaymentStreamResetDateBusinessCenter	[0..1]	String	Required if NoUnderlyingPaymentStreamResetDateBusinessCenters(40970) > 0.

Used in components: [UnderlyingPaymentStreamResetDates](#)

### 170.2.6199 UnderlyingPaymentStreamResetDateBusinessDayConvention

The business day convention used to adjust the payment stream's reset date. Used only to override the business day convention specified in the UnderlyingDateAdjustment component within the UnderlyingInstrument component.

Type: `int`

Allowed values in BusinessDayConventionCodeSet:

Code	Name	Description
0	NotApplicable	Not applicable. Business day convention is not applicable.
1	None	None (current day)
2	FollowingDay	Following day. The following business day.
3	FloatingRateNote	Floating rate note. The FRN business day convention.
4	ModifiedFollowingDay	Modified following day. The modified following business day.
5	PrecedingDay	Preceding day. The preceding business day.
6	ModifiedPrecedingDay	Modified preceding day. The modified preceding business day.
7	NearestDay	Nearest day. The nearest applicable business day.

Used in components: [UnderlyingPaymentStreamResetDates](#)



**170.2.6200 UnderlyingPaymentStreamResetDateRelativeTo**

Specifies the anchor date when the reset dates are relative to an anchor date.

If the reset frequency is specified as daily this element must not be included.

See [http://www.fixtradingcommunity.org/codelists#Relative\\_To\\_Date](http://www.fixtradingcommunity.org/codelists#Relative_To_Date) for values.

Type: **int**

Used in components: **UnderlyingPaymentStreamResetDates**

**170.2.6201 UnderlyingPaymentStreamResetDates**

UnderlyingPaymentStreamResetDates is a subcomponent of the UnderlyingPaymentStream component used to specify the floating rate reset dates of the stream.

Name	Mult.	Type	Description
<b>UnderlyingPaymentStreamResetDateRelativeTo</b>	[0..1]	int	
<b>UnderlyingPaymentStreamResetDate-BusinessDayConvention</b>	[0..1]	CodeSet	When specified, this overrides the business day convention defined in the UnderlyingDateAdjustment component in UnderlyingInstrument. The specified value would be specific to this instance of the underlying instrument's payment stream's reset dates.
<b>UnderlyingPaymentStreamResetDate-BusinessCenterGrp</b>	[0..*]	Group	When specified, this overrides the business centers defined in the UnderlyingDateAdjustment component in UnderlyingInstrument. The specified values would be specific to this instance of the underlying instrument's payment stream's reset dates.
<b>UnderlyingPaymentStreamResetFrequencyPeriod</b>	[0..1]	int	Conditionally required when UnderlyingPaymentStreamResetFrequencyUnit(40596) is specified.
<b>UnderlyingPaymentStreamResetFrequencyUnit</b>	[0..1]	CodeSet	Conditionally required when UnderlyingPaymentStreamResetFrequencyPeriod(40595) is specified.
<b>UnderlyingPaymentStreamResetWeeklyRollConvention</b>	[0..1]	CodeSet	When specified, this overrides the date roll convention defined in the UnderlyingDateAdjustment component in UnderlyingInstrument. The specified values would be specific to this instance of the reset dates.

Name	Mult.	Type	Description
UnderlyingPaymentStreamInitialFixingDateRelativeTo	[0..1]	int	
UnderlyingPaymentStreamInitialFixingDateBusinessDayConvention	[0..1]	CodeSet	When specified, this overrides the business day convention defined in the UnderlyingDateAdjustment component in UnderlyingInstrument. The specified value would be specific to this instance of the underlying instrument's payment stream's reset dates.
UnderlyingPaymentStreamInitialFixingDateBusinessCenterGrp	[0..*]	Group	When specified, this overrides the business centers defined in the UnderlyingDateAdjustment component in UnderlyingInstrument. The specified values would be specific to this instance of the underlying instrument's payment stream's reset dates.
UnderlyingPaymentStreamInitialFixingDateOffsetPeriod	[0..1]	int	Conditionally required when UnderlyingPaymentStreamInitialFixingDateOffsetUnit(40602) is specified.
UnderlyingPaymentStreamInitialFixingDateOffsetUnit	[0..1]	CodeSet	Conditionally required when UnderlyingPaymentStreamInitialFixingDateOffsetPeriod(40601) is specified.
UnderlyingPaymentStreamInitialFixingDateOffsetDayType	[0..1]	CodeSet	
UnderlyingPaymentStreamInitialFixingDateAdjusted	[0..1]	LocalMktDate	
UnderlyingPaymentStreamFixingDateRelativeTo	[0..1]	int	
UnderlyingPaymentStreamFixingDateBusinessDayConvention	[0..1]	CodeSet	When specified, this overrides the business day convention defined in the UnderlyingDateAdjustment component in UnderlyingInstrument. The specified value would be specific to this instance of the underlying instrument's payment stream's reset dates.
UnderlyingPaymentStreamFixingDateBusinessCenterGrp	[0..*]	Group	When specified, this overrides the business centers defined in the UnderlyingDateAdjustment component in UnderlyingInstrument. The specified values would be specific to this instance of the underlying instrument's payment stream's reset dates.
UnderlyingPaymentStreamFixingDateOffsetPeriod	[0..1]	int	Conditionally required when UnderlyingPaymentStreamFixingDateOffsetUnit(40609) is specified.

Name	Mult.	Type	Description
UnderlyingPaymentStreamFixingDate-OffsetUnit	[0..1]	CodeSet	Conditionally required when UnderlyingPaymentStreamFixingDateOffsetPeriod(40608) is specified.
UnderlyingPaymentStreamFixingDate-OffsetDayType	[0..1]	CodeSet	
UnderlyingPaymentStreamFixingDateAdjusted	[0..1]	LocalMktDate	
UnderlyingPaymentStreamRateCutoffDateOffsetPeriod	[0..1]	int	Conditionally required when UnderlyingPaymentStreamRateCutoffDateOffsetUnit(40613) is specified.
UnderlyingPaymentStreamRateCutoffDateOffsetUnit	[0..1]	CodeSet	Conditionally required when UnderlyingPaymentStreamRateCutoffDateOffsetPeriod(40612) is specified.
UnderlyingPaymentStreamRateCutoffDateOffsetDayType	[0..1]	CodeSet	
UnderlyingPaymentStreamFixingDate-Grp	[0..*]	Group	

Used in components: [UnderlyingPaymentStream](#)

### 170.2.6202 UnderlyingPaymentStreamResetFrequencyPeriod

Time unit multiplier for frequency of resets.

Type: [int](#)

Used in components: [UnderlyingPaymentStreamResetDates](#)

### 170.2.6203 UnderlyingPaymentStreamResetFrequencyUnit

Time unit associated with frequency of resets.

Type: [String](#)

Allowed values in CouponFrequencyUnitCodeSet:

Code	Name	Description
D	Day	Day
Wk	Week	Week

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Code	Name	Description
Mo	Month	Month
Yr	Year	Year
H	Hour	Hour
Min	Minute	Minute
S	Second	Second
T	Term	Term

---

Used in components: [UnderlyingPaymentStreamResetDates](#)

### 170.2.6204 UnderlyingPaymentStreamResetWeeklyRollConvention

Used to specify the day of the week in which the reset occurs for payments that reset on a weekly basis.

Type: [String](#)

Allowed values in PaymentStreamResetWeeklyRollConventionCodeSet:

---

Code	Name	Description
MON	Monday	Monday
TUE	Tuesday	Tuesday
WED	Wednesday	Wednesday
THU	Thursday	Thursday
FRI	Friday	Friday
SAT	Saturday	Saturday
SUN	Sunday	Sunday

---

Used in components: [UnderlyingPaymentStreamResetDates](#)

### 170.2.6205 UnderlyingPaymentStreamSettlCurrency

Specifies the currency that the stream settles in (to support swaps that settle in a currency different from the notional currency). Uses ISO 4217 currency codes.

Type: [Currency](#)

Used in components: [UnderlyingPaymentStream](#)

**170.2.6206 UnderlyingPaymentStreamSettlLevel**

Specifies how weather index units are to be calculated.

Type: **int**

Allowed values in PaymentStreamSettlLevelCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	Average	Average. The cumulative number of weather index units for each day in the calculation period divided by the number of days in the calculation period.
1	Maximum	Maximum. The maximum number of weather index units for any day in the calculation period.
2	Minimum	Minimum. The minimum number of weather index units for any day in the calculation period.
3	Cumulative	Cumulative. The cumulative number of weather index units for each day in the calculation period.

---

Used in components: **UnderlyingPaymentStreamFloatingRate**

**170.2.6207 UnderlyingPaymentStreamTotalFixedAmount**

Specifies the total fixed payment amount.

Type: **Amt**

Used in components: **UnderlyingPaymentStreamFixedRate**

**170.2.6208 UnderlyingPaymentStreamType**

Identifies the type of payment stream applicable to the swap stream associated with the underlying instrument.

Type: **int**

Allowed values in PaymentStreamTypeCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	Periodic	Periodic (default)
1	Initial	Initial

---

Code	Name	Description
2	Single	Single
3	Dividend	Dividend
4	Interest	Interest
5	DividendReturn	Dividend return
6	PriceReturn	Price return
7	TotalReturn	Total return
8	Variance	Variance
9	Correlation	Correlation

Used in components: [UnderlyingPaymentStream](#)

#### **170.2.6209 UnderlyingPaymentStreamUnderlierRefID**

References the dividend underlier through the instrument's UnderlyingSecurityID(309) which must be fully specified in an instance of the UnderlyingInstrument component.

Type: [String](#)

Used in components: [UnderlyingPaymentStreamFloatingRate](#)

#### **170.2.6210 UnderlyingPaymentStreamVarianceUnadjustedCap**

Indicates the scaling factor to be multiplied by the variance strike price thereby making variance cap applicable.

Type: [float](#)

Used in components: [UnderlyingPaymentStreamFloatingRate](#)

#### **170.2.6211 UnderlyingPaymentStreamVegaNotionalAmount**

Vega Notional represents the approximate gain/loss at maturity for a 1% difference between RVol (realised volatility) and KVol (strike volatility). It does not necessarily represent the Vega risk of the trade.

Type: [float](#)

Used in components: [UnderlyingPaymentStreamFloatingRate](#)

**170.2.6212 UnderlyingPaymentStreamWorldScaleRate**

The number of Worldscale points for purposes of the calculation of a fixed amount for a wet voyage charter commodity swap.

Type: **float**

Used in components: **UnderlyingPaymentStreamFixedRate**

**170.2.6213 UnderlyingPaymentStubEndDateAdjusted**

The adjusted stub end date.

Type: **LocalMktDate**

Used in components: **UnderlyingPaymentStubEndDate**

**170.2.6214 UnderlyingPaymentStubEndDateBusinessCenter**

The business center calendar used for date adjustment of the payment stub end date, e.g. "GBLO".

See <http://www.fpml.org/coding-scheme/business-center> for standard 4-character code values.

Type: **String**

Used in groups: **UnderlyingPaymentStubEndDateBusinessCenterGrp**

**170.2.6215 UnderlyingPaymentStubEndDateBusinessCenterGrp**

UnderlyingPaymentStubEndDateBusinessCenterGrp is a repeating subcomponent within the UnderlyingPaymentStubEndDate component. It is used to specify the set of business centers whose calendars drive the date adjustment. Used only to override the business centers defined in the UnderlyingDateAdjustment component in UnderlyingInstrument.

Name	Mult.	Type	Description
<b>NoUnderlyingPaymentStubEndDateBusinessCenters</b>	[1..1]	NumInGroup	
<b>UnderlyingPaymentStubEndDateBusinessCenter</b>	[0..1]	String	Required if NoUnderlyingPaymentStubEndDateBusinessCenters(42991) > 0.

Used in components: **UnderlyingPaymentStubEndDate**

**170.2.6216 UnderlyingPaymentStubEndDateBusinessDayConvention**

The stub end date business day convention.

Type: **int**

Allowed values in BusinessDayConventionCodeSet:

Code	Name	Description
0	NotApplicable	Not applicable. Business day convention is not applicable.
1	None	None (current day)
2	FollowingDay	Following day. The following business day.
3	FloatingRateNote	Floating rate note. The FRN business day convention.
4	ModifiedFollowingDay	Modified following day. The modified following business day.
5	PrecedingDay	Preceding day. The preceding business day.
6	ModifiedPrecedingDay	Modified preceding day. The modified preceding business day.
7	NearestDay	Nearest day. The nearest applicable business day.

Used in components: **UnderlyingPaymentStubEndDate**

**170.2.6217 UnderlyingPaymentStubEndDate**

UnderlyingPaymentStubEndDate is a subcomponent of the UnderlyingPaymentStubGrp component used to specify the end date of the payment stub.

Name	Mult.	Type	Description
<b>UnderlyingPaymentStubEndDateUnadjusted</b>	[0..1]	LocalMktDate	
<b>UnderlyingPaymentStubEndDateBusinessDayConvention</b>	[0..1]	CodeSet	When specified, this overrides the business day convention defined in the UnderlyingDateAdjustment component in UnderlyingInstrument. The specified value would be specific to this payment stub instance.
<b>UnderlyingPaymentStubEndDateBusinessCenterGrp</b>	[0..*]	Group	When specified, this overrides the business centers defined in the UnderlyingDateAdjustment component in UnderlyingInstrument. The specified values would be specific to this payment stub instance.



Name	Mult.	Type	Description
<a href="#">UnderlyingPaymentStubEndDateRelativeTo</a>	[0..1]	int	
<a href="#">UnderlyingPaymentStubEndDateOffsetPeriod</a>	[0..1]	int	Conditionally required when <a href="#">UnderlyingPaymentStubEndDateOffsetUnit(42988)</a> is specified.
<a href="#">UnderlyingPaymentStubEndDateOffsetUnit</a>	[0..1]	CodeSet	Conditionally required when <a href="#">UnderlyingPaymentStubEndDateOffsetPeriod(42987)</a> is specified.
<a href="#">UnderlyingPaymentStubEndDateOffsetDayType</a>	[0..1]	CodeSet	
<a href="#">UnderlyingPaymentStubEndDateAdjusted</a>	[0..1]	LocalMktDate	

Used in groups: [UnderlyingPaymentStubGrp](#)

### 170.2.6218 UnderlyingPaymentStubEndDateOffsetDayType

Specifies the day type of the relative stub end date offset.

Type: [int](#)

Allowed values in [PaymentStreamPaymentDateOffsetDayTypeCodeSet](#):

Code	Name	Description
0	Business	Business
1	Calendar	Calendar
2	CommodityBusiness	Commodity business
3	CurrencyBusiness	Currency business
4	ExchangeBusiness	Exchange business
5	ScheduledTradingDay	Scheduled trading day

Used in components: [UnderlyingPaymentStubEndDate](#)

### 170.2.6219 UnderlyingPaymentStubEndDateOffsetPeriod

Time unit multiplier for the relative stub end date offset.

Type: [int](#)

Used in components: [UnderlyingPaymentStubEndDate](#)

**170.2.6220 UnderlyingPaymentStubEndDateOffsetUnit**

Time unit associated with the relative stub end date offset.

Type: **String**

Allowed values in PaymentStreamPaymentDateOffsetUnitCodeSet:

---

Code	Name	Description
D	Day	Day
Wk	Week	Week
Mo	Month	Month
Yr	Year	Year

---

Used in components: **UnderlyingPaymentStubEndDate**

**170.2.6221 UnderlyingPaymentStubEndDateRelativeTo**

Specifies the anchor date when the stub end date is relative to an anchor date.

See [http://www.fixtradingcommunity.org/codelists#Relative\\_To\\_Date](http://www.fixtradingcommunity.org/codelists#Relative_To_Date) for values.

Type: **int**

Used in components: **UnderlyingPaymentStubEndDate**

**170.2.6222 UnderlyingPaymentStubEndDateUnadjusted**

The unadjusted stub end date.

Type: **LocalMktDate**

Used in components: **UnderlyingPaymentStubEndDate**

**170.2.6223 UnderlyingPaymentStubFixedAmount**

A fixed payment amount for the stub.

Type: **Amt**

Used in groups: **UnderlyingPaymentStubGrp**

**170.2.6224 UnderlyingPaymentStubFixedCurrency**

The currency of the fixed payment amount. Uses ISO 4217 currency codes.

Type: **Currency**

Used in groups: **UnderlyingPaymentStubGrp**

**170.2.6225 UnderlyingPaymentStubGrp**

The UnderlyingPaymentStubGrp is a repeating subcomponent of the UnderlyingPaymentStream component used to specify front and back stubs in the payment stream.

Name	Mult.	Type	Description
NoUnderlyingPaymentStubs	[1..1]	NumInGroup	
UnderlyingPaymentStubType	[0..1]	CodeSet	Required if NoUnderlyingPaymentStubs(40708) > 0.
UnderlyingPaymentStubLength	[0..1]	CodeSet	
UnderlyingPaymentStubStartDate	[0..1]	Component	
UnderlyingPaymentStubEndDate	[0..1]	Component	
UnderlyingPaymentStubRate	[0..1]	Percentage	
UnderlyingPaymentStubFixedAmount	[0..1]	Amt	
UnderlyingPaymentStubFixedCurrency	[0..1]	Currency	
UnderlyingPaymentStubIndex	[0..1]	String	
UnderlyingPaymentStubIndexSource	[0..1]	CodeSet	
UnderlyingPaymentStubIndexCurvePeriod	[0..1]	int	Conditionally required when UnderlyingPaymentStubIndexCurveUnit(40717) is specified.
UnderlyingPaymentStubIndexCurveUnit	[0..1]	CodeSet	Conditionally required when UnderlyingPaymentStubIndexCurvePeriod(40716) is specified.
UnderlyingPaymentStubIndexRateMultiplier	[0..1]	float	
UnderlyingPaymentStubIndexRateSpread	[0..1]	PriceOffset	
UnderlyingPaymentStubIndexRateSpreadPositionType	[0..1]	CodeSet	
UnderlyingPaymentStubIndexRateTreatment	[0..1]	CodeSet	

Name	Mult.	Type	Description
UnderlyingPaymentStubIndexCapRate	[0..1]	Percentage	
UnderlyingPaymentStubIndex-CapRateBuySide	[0..1]	CodeSet	
UnderlyingPaymentStubIndex-CapRateSellSide	[0..1]	CodeSet	
UnderlyingPaymentStubIndexFloor-Rate	[0..1]	Percentage	
UnderlyingPaymentStubIndexFloor-RateBuySide	[0..1]	CodeSet	
UnderlyingPaymentStubIndexFloor-RateSellSide	[0..1]	CodeSet	
UnderlyingPaymentStubIndex2	[0..1]	String	
UnderlyingPaymentStubIndex2Source	[0..1]	CodeSet	
UnderlyingPaymentStubIndex2CurvePeriod	[0..1]	int	Conditionally required when UnderlyingPaymentStubIndex2CurveUnit(40731) is specified.
UnderlyingPaymentStubIndex2CurveUnit	[0..1]	CodeSet	Conditionally required when UnderlyingPaymentStubIndex2CurvePeriod(40730) is specified.
UnderlyingPaymentStubIndex2RateMultiplier	[0..1]	float	
UnderlyingPaymentStubIndex2RateSpread	[0..1]	PriceOffset	
UnderlyingPaymentStubIndex2RateSpreadPositionType	[0..1]	CodeSet	
UnderlyingPaymentStubIndex2RateTreatment	[0..1]	CodeSet	
UnderlyingPaymentStubIndex2CapRate	[0..1]	Percentage	
UnderlyingPaymentStubIndex2FloorRate	[0..1]	Percentage	

Used in groups: [UnderlyingStreamGrp](#)

### 170.2.6226 UnderlyingPaymentStubIndex

The stub floating rate index.

Type: [String](#)

Used in groups: [UnderlyingPaymentStubGrp](#)

### **170.2.6227 UnderlyingPaymentStubIndex2**

The second stub floating rate index.

Type: [String](#)

Used in groups: [UnderlyingPaymentStubGrp](#)

### **170.2.6228 UnderlyingPaymentStubIndex2CapRate**

The cap rate, if any, which applies to the second floating rate. The cap rate (strike) is only required where the floating rate on a swap stream is capped at a certain level. The cap rate is assumed to be exclusive of any spread and is a per annum rate, expressed as a decimal. A cap rate of 5% would be represented as 0.05.

Type: [Percentage](#)

Used in groups: [UnderlyingPaymentStubGrp](#)

### **170.2.6229 UnderlyingPaymentStubIndex2CurvePeriod**

Secondary time unit multiplier for the stub floating rate index curve.

Type: [int](#)

Used in groups: [UnderlyingPaymentStubGrp](#)

### **170.2.6230 UnderlyingPaymentStubIndex2CurveUnit**

Secondary time unit associated with the stub floating rate index curve.

Type: [String](#)

Allowed values in [PaymentStreamRateIndexCurveUnitCodeSet](#):

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
D	Day	Day
Wk	Week	Week
Mo	Month	Month

---

Code	Name	Description
Yr	Year	Year

Used in groups: [UnderlyingPaymentStubGrp](#)

#### **170.2.6231 UnderlyingPaymentStubIndex2FloorRate**

The floor rate, if any, which applies to the second floating rate. The floor rate (strike) is only required where the floating rate on a swap stream is floored at a certain strike level. The floor rate is assumed to be exclusive of any spread and is a per annum rate, expressed as a decimal. A floor rate of 5% would be represented as 0.05.

Type: [Percentage](#)

Used in groups: [UnderlyingPaymentStubGrp](#)

#### **170.2.6232 UnderlyingPaymentStubIndex2RateMultiplier**

A rate multiplier to apply to the second floating rate. The multiplier can be less than or greater than 1 (one). This element should only be included if the multiplier is not equal to 1 (one) for the term of the stream.

Type: [float](#)

Used in groups: [UnderlyingPaymentStubGrp](#)

#### **170.2.6233 UnderlyingPaymentStubIndex2RateSpread**

Spread from the second floating rate index.

Type: [PriceOffset](#)

Used in groups: [UnderlyingPaymentStubGrp](#)

#### **170.2.6234 UnderlyingPaymentStubIndex2RateSpreadPositionType**

Identifies whether the rate spread is applied to a long or short position.

Type: [int](#)

Allowed values in [PaymentStreamRateSpreadPositionTypeCodeSet](#):

---

Code	Name	Description
0	Short	Short
1	Long	Long

---

Used in groups: [UnderlyingPaymentStubGrp](#)

### 170.2.6235 UnderlyingPaymentStubIndex2RateTreatment

Specifies the yield calculation treatment for the second stub index.

Type: [int](#)

Allowed values in PaymentStreamRateTreatmentCodeSet:

---

Code	Name	Description
0	BondEquivalentYield	Bond equivalent yield
1	MoneyMarketYield	Money market yield

---

Used in groups: [UnderlyingPaymentStubGrp](#)

### 170.2.6236 UnderlyingPaymentStubIndex2Source

The source of the second stub floating rate index.

Type: [int](#)

Allowed values in PaymentStreamRateIndexSourceCodeSet:

---

Code	Name	Description
0	Bloomberg	Bloomberg
1	Reuters	Reuters
2	Telerate	Telerate
99	Other	Other

---

Used in groups: [UnderlyingPaymentStubGrp](#)

**170.2.6237 UnderlyingPaymentStubIndexCapRate**

The cap rate, if any, which applies to the floating rate. The cap rate (strike) is only required where the floating rate on a swap stream is capped at a certain level. The cap rate is assumed to be exclusive of any spread and is a per annum rate, expressed as a decimal. A cap rate of 5% would be represented as 0.05.

Type: **Percentage**

Used in groups: **UnderlyingPaymentStubGrp**

**170.2.6238 UnderlyingPaymentStubIndexCapRateBuySide**

Reference to the buyer of the cap rate option through its trade side.

Type: **int**

Allowed values in PaymentStreamCapRateBuySideCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
1	Buyer	Buyer of the trade
2	Seller	Seller of the trade

---

Used in groups: **UnderlyingPaymentStubGrp**

**170.2.6239 UnderlyingPaymentStubIndexCapRateSellSide**

Reference to the seller of the cap rate option through its trade side.

Type: **int**

Allowed values in PaymentStreamCapRateBuySideCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
1	Buyer	Buyer of the trade
2	Seller	Seller of the trade

---

Used in groups: **UnderlyingPaymentStubGrp**



**170.2.6240 UnderlyingPaymentStubIndexCurvePeriod**

Time unit multiplier for the underlying payment stub floating rate index.

Type: **int**

Used in groups: **UnderlyingPaymentStubGrp**

**170.2.6241 UnderlyingPaymentStubIndexCurveUnit**

Time unit associated with the underlying payment stub floating rate index.

Type: **String**

Allowed values in PaymentStreamRateIndexCurveUnitCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
D	Day	Day
Wk	Week	Week
Mo	Month	Month
Yr	Year	Year

---

Used in groups: **UnderlyingPaymentStubGrp**

**170.2.6242 UnderlyingPaymentStubIndexFloorRate**

The floor rate, if any, which applies to the floating rate. The floor rate (strike) is only required where the floating rate on a swap stream is floored at a certain strike level. The floor rate is assumed to be exclusive of any spread and is a per annum rate, expressed as a decimal. A floor rate of 5% would be represented as 0.05.

Type: **Percentage**

Used in groups: **UnderlyingPaymentStubGrp**

**170.2.6243 UnderlyingPaymentStubIndexFloorRateBuySide**

Reference to the buyer of the floor rate option through its trade side.

Type: **int**

Allowed values in PaymentStreamFloorRateBuySideCodeSet:

Code	Name	Description
1	Buyer	Buyer of the trade
2	Seller	Seller of the trade

Used in groups: [UnderlyingPaymentStubGrp](#)

#### **170.2.6244 UnderlyingPaymentStubIndexFloorRateSellSide**

Reference to the seller of the floor rate option through its trade side.

Type: [int](#)

Allowed values in PaymentStreamFloorRateBuySideCodeSet:

Code	Name	Description
1	Buyer	Buyer of the trade
2	Seller	Seller of the trade

Used in groups: [UnderlyingPaymentStubGrp](#)

#### **170.2.6245 UnderlyingPaymentStubIndexRateMultiplier**

A rate multiplier to apply to the floating rate. The multiplier can be less than or greater than 1 (one). This element should only be included if the multiplier is not equal to 1 (one) for the term of the stream.

Type: [float](#)

Used in groups: [UnderlyingPaymentStubGrp](#)

#### **170.2.6246 UnderlyingPaymentStubIndexRateSpread**

Spread from floating rate index.

Type: [PriceOffset](#)

Used in groups: [UnderlyingPaymentStubGrp](#)

**170.2.6247 UnderlyingPaymentStubIndexRateSpreadPositionType**

Identifies whether the rate spread is applied to a long or short position.

Type: **int**

Allowed values in PaymentStreamRateSpreadPositionTypeCodeSet:

---

Code	Name	Description
0	Short	Short
1	Long	Long

---

Used in groups: **UnderlyingPaymentStubGrp**

**170.2.6248 UnderlyingPaymentStubIndexRateTreatment**

Specifies the yield calculation treatment for the stub index.

Type: **int**

Allowed values in PaymentStreamRateTreatmentCodeSet:

---

Code	Name	Description
0	BondEquivalentYield	Bond equivalent yield
1	MoneyMarketYield	Money market yield

---

Used in groups: **UnderlyingPaymentStubGrp**

**170.2.6249 UnderlyingPaymentStubIndexSource**

The source for the underlying payment stub floating rate index.

Type: **int**

Allowed values in PaymentStreamRateIndexSourceCodeSet:

---

Code	Name	Description
0	Bloomberg	Bloomberg
1	Reuters	Reuters

---

---

Code	Name	Description
2	Telerate	Telerate
99	Other	Other

---

Used in groups: [UnderlyingPaymentStubGrp](#)

### **170.2.6250 UnderlyingPaymentStubLength**

Optional indication whether stub is shorter or longer than the regular swap period.

Type: [int](#)

Allowed values in PaymentStubLengthCodeSet:

---

Code	Name	Description
0	Short	Short
1	Long	Long

---

Used in groups: [UnderlyingPaymentStubGrp](#)

### **170.2.6251 UnderlyingPaymentStubRate**

The agreed upon fixed rate for this stub.

Type: [Percentage](#)

Used in groups: [UnderlyingPaymentStubGrp](#)

### **170.2.6252 UnderlyingPaymentStubStartDateAdjusted**

The adjusted stub start date.

Type: [LocalMktDate](#)

Used in components: [UnderlyingPaymentStubStartDate](#)

**170.2.6253 UnderlyingPaymentStubStartDateBusinessCenter**

The business center calendar used for date adjustment of the payment stub start date, e.g. "GBLO".

See <http://www.fpml.org/coding-scheme/business-center> for standard 4-character code values.

Type: **String**

Used in groups: **UnderlyingPaymentStubStartDateBusinessCenterGrp**

**170.2.6254 UnderlyingPaymentStubStartDateBusinessCenterGrp**

UnderlyingPaymentStubStartDateBusinessCenterGrp is a repeating subcomponent within the UnderlyingPaymentStubStartDate component. It is used to specify the set of business centers whose calendars drive the date adjustment. Used only to override the business centers defined in the UnderlyingDateAdjustment component in UnderlyingInstrument.

Name	Mult.	Type	Description
<b>NoUnderlyingPaymentStubStartDate-BusinessCenters</b>	[1..1]	NumInGroup	
<b>UnderlyingPaymentStubStartDate-BusinessCenter</b>	[0..1]	String	Required if NoUnderlyingPaymentStubStartDate-BusinessCenters(43000) > 0.

Used in components: **UnderlyingPaymentStubStartDate**

**170.2.6255 UnderlyingPaymentStubStartDateBusinessDayConvention**

The stub start date business day convention.

Type: **int**

Allowed values in BusinessDayConventionCodeSet:

Code	Name	Description
0	NotApplicable	Not applicable. Business day convention is not applicable.
1	None	None (current day)
2	FollowingDay	Following day. The following business day.
3	FloatingRateNote	Floating rate note. The FRN business day convention.
4	ModifiedFollowingDay	Modified following day. The modified following business day.

Code	Name	Description
5	PrecedingDay	Preceding day. The preceding business day.
6	ModifiedPrecedingDay	Modified preceding day. The modified preceding business day.
7	NearestDay	Nearest day. The nearest applicable business day.

Used in components: [UnderlyingPaymentStubStartDate](#)

### 170.2.6256 UnderlyingPaymentStubStartDate

UnderlyingPaymentStubStartDate is a subcomponent of the UnderlyingPaymentStubGrp component used to specify the start date of the payment stub.

Name	Mult.	Type	Description
<a href="#">UnderlyingPaymentStubStartDateUnadjusted</a>	[0..1]	LocalMktDate	
<a href="#">UnderlyingPaymentStubStartDate-BusinessDayConvention</a>	[0..1]	CodeSet	When specified, this overrides the business day convention defined in the UnderlyingDateAdjustment component in UnderlyingInstrument. The specified value would be specific to this payment stub instance.
<a href="#">UnderlyingPaymentStubStartDate-BusinessCenterGrp</a>	[0..*]	Group	When specified, this overrides the business centers defined in the UnderlyingDateAdjustment component in UnderlyingInstrument. The specified values would be specific to this payment stub instance.
<a href="#">UnderlyingPaymentStubStartDateRelativeTo</a>	[0..1]	int	
<a href="#">UnderlyingPaymentStubStartDateOffsetPeriod</a>	[0..1]	int	Conditionally required when UnderlyingPaymentStubStartDateOffsetUnit(42997) is specified.
<a href="#">UnderlyingPaymentStubStartDateOffsetUnit</a>	[0..1]	CodeSet	Conditionally required when UnderlyingPaymentStubStartDateOffsetPeriod(42996) is specified.
<a href="#">UnderlyingPaymentStubStartDateOffsetDayType</a>	[0..1]	CodeSet	
<a href="#">UnderlyingPaymentStubStartDateAdjusted</a>	[0..1]	LocalMktDate	

Used in groups: [UnderlyingPaymentStubGrp](#)

**170.2.6257 UnderlyingPaymentStubStartDateOffsetDayType**

Specifies the day type of the relative stub start date offset.

Type: **int**

Allowed values in PaymentStreamPaymentDateOffsetDayTypeCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	Business	Business
1	Calendar	Calendar
2	CommodityBusiness	Commodity business
3	CurrencyBusiness	Currency business
4	ExchangeBusiness	Exchange business
5	ScheduledTradingDay	Scheduled trading day

---

Used in components: **UnderlyingPaymentStubStartDate**

**170.2.6258 UnderlyingPaymentStubStartDateOffsetPeriod**

Time unit multiplier for the relative stub start date offset.

Type: **int**

Used in components: **UnderlyingPaymentStubStartDate**

**170.2.6259 UnderlyingPaymentStubStartDateOffsetUnit**

Time unit associated with the relative stub start date offset.

Type: **String**

Allowed values in PaymentStreamPaymentDateOffsetUnitCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
D	Day	Day
Wk	Week	Week
Mo	Month	Month
Yr	Year	Year

---

Used in components: **UnderlyingPaymentStubStartDate**

**170.2.6260 UnderlyingPaymentStubStartDateRelativeTo**

Specifies the anchor date when the stub start date is relative to an anchor date.

See [http://www.fixtradingcommunity.org/codelists#Relative\\_To\\_Date](http://www.fixtradingcommunity.org/codelists#Relative_To_Date) for values.

Type: **int**

Used in components: **UnderlyingPaymentStubStartDate**

**170.2.6261 UnderlyingPaymentStubStartDateUnadjusted**

The unadjusted stub start date.

Type: **LocalMktDate**

Used in components: **UnderlyingPaymentStubStartDate**

**170.2.6262 UnderlyingPaymentStubType**

Stub type.

Type: **int**

Allowed values in PaymentStubTypeCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	Initial	Initial
1	Final	Final
2	CompoundingInitial	Compounding initial
3	CompoundingFinal	Compounding final

---

Used in groups: **UnderlyingPaymentStubGrp**

**170.2.6263 UnderlyingPhysicalSettlBusinessDays**

A number of business days. Its precise meaning is dependent on the context in which this element is used.

Type: **int**

Used in groups: **UnderlyingPhysicalSettlTermGrp**



**170.2.6264 UnderlyingPhysicalSettlCurrency**

Currency of physical settlement. Uses ISO 4217 currency codes.

Type: **Currency**

Used in groups: **UnderlyingPhysicalSettlTermGrp**

**170.2.6265 UnderlyingPhysicalSettlDeliverableObligationGrp**

The UnderlyingPhysicalSettlDeliverableObligationGrp is a repeating component within the UnderlyingPhysicalSettlTermGrp component used to report CDS physical settlement delivery obligations.

Name	Mult.	Type	Description
NoUnderlyingPhysicalSettlDeliverableObligations	[1..1]	NumInGroup	
UnderlyingPhysicalSettlDeliverableObligationType	[0..1]	String	Required if NoUnderlyingPhysicalSettlDeliverableObligations(42065) > 0.
UnderlyingPhysicalSettlDeliverableObligationValue	[0..1]	String	

Used in groups: **UnderlyingPhysicalSettlTermGrp**

**170.2.6266 UnderlyingPhysicalSettlDeliverableObligationType**

Specifies the type of delivery obligation applicable for physical settlement.

See [http://www.fixtradingcommunity.org/codelists#Deliverable\\_Obligation\\_Types](http://www.fixtradingcommunity.org/codelists#Deliverable_Obligation_Types) for code list for applicable deliverable obligation types.

Type: **String**

Used in groups: **UnderlyingPhysicalSettlDeliverableObligationGrp**

**170.2.6267 UnderlyingPhysicalSettlDeliverableObligationValue**

Physical settlement delivery obligation value appropriate to UnderlyingPhysicalSettlDeliverableObligationType(42066).

See [http://www.fixtradingcommunity.org/codelists#Deliverable\\_Obligation\\_Types](http://www.fixtradingcommunity.org/codelists#Deliverable_Obligation_Types) for applicable obligation type values.

Type: **String**

Used in groups: **UnderlyingPhysicalSettlDeliverableObligationGrp**

### **170.2.6268 UnderlyingPhysicalSettlMaximumBusinessDays**

A maximum number of business days. Its precise meaning is dependent on the context in which this element is used. Intended to be used to limit a particular ISDA fallback provision.

Type: **int**

Used in groups: **UnderlyingPhysicalSettlTermGrp**

### **170.2.6269 UnderlyingPhysicalSettlTermGrp**

The UnderlyingPhysicalSettlTermGrp is a repeating component within the UnderlyingInstrument component used to report physical settlement terms.

---

<b>Name</b>	<b>Mult.</b>	<b>Type</b>	<b>Description</b>
<b>NoUnderlyingPhysicalSettlTerms</b>	[1..1]	NumInGroup	
<b>UnderlyingPhysicalSettlDeliverableObligationGrp</b>	[0..*]	Group	Required if NoUnderlyingPhysicalSettlTerms(42060) > 0.
<b>UnderlyingPhysicalSettlCurrency</b>	[0..1]	Currency	
<b>UnderlyingPhysicalSettlBusinessDays</b>	[0..1]	int	
<b>UnderlyingPhysicalSettlMaximumBusinessDays</b>	[0..1]	int	
<b>UnderlyingPhysicalSettlTermXID</b>	[0..1]	XID	

---

Used in components: **UnderlyingInstrument**

### **170.2.6270 UnderlyingPhysicalSettlTermXID**

A named string value referenced by UnderlyingSettlTermXIDRef(41315).

Type: **XID**

Used in groups: **UnderlyingPhysicalSettlTermGrp**

**170.2.6271 UnderlyingPool**

Identifies the mortgage backed security (MBS) / asset backed security (ABS) pool.

Type: **String**

Used in components: **UnderlyingInstrument**

**170.2.6272 UnderlyingPositionLimit**

Position limit for the instrument.

Type: **int**

Used in components: **UnderlyingInstrument**

**170.2.6273 UnderlyingPriceDeterminationMethod**

Specifies how the underlying price is determined at the point of option exercise. The underlying price may be set to the current settlement price, set to a special reference, set to the optimal value of the underlying during the defined period ("Look-back") or set to the average value of the underlying during the defined period ("Asian option").

Type: **int**

Allowed values in UnderlyingPriceDeterminationMethodCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
1	Regular	Regular
2	SpecialReference	Special reference
3	OptimalValue	Optimal value (Lookback)
4	AverageValue	Average value (Asian option)

---

Used in components: **Instrument**

**170.2.6274 UnderlyingPriceQuoteCurrency**

Default currency in which the price is quoted. Defined at the instrument level. Used in place of Currency (tag 15) to express the currency of a product when the former is implemented as the FX dealt currency.

Type: **Currency**

Used in components: **UnderlyingInstrument**

**170.2.6275 UnderlyingPriceQuoteCurrencyCodeSource**

Identifies class or source of the UnderlyingPriceQuoteCurrency(1526) value.

Type: **String**

Allowed values in CurrencyCodeSourceCodeSet:

Code	Name	Description
1	CUSIP	CUSIP
2	SEDOL	SEDOL
4	ISINNumber	ISIN
6	ISOCurrencyCode	ISO Currency Code (ISO 4217)
S	FinancialInstrumentGlobalIdentifier	Financial Instrument Global Identifier. An Object Management Group (OMG) standard. Also referred to as FIGI. Formerly known as "Bloomberg Open Symbology BBGID".
Y	DigitalTokenIdentifier	Digital Token Identifier (ISO 24165)

Used in components: **UnderlyingInstrument**

**170.2.6276 UnderlyingPriceQuoteMethod**

Method for price quotation.

Type: **String**

Allowed values in PriceQuoteMethodCodeSet:

Code	Name	Description
STD	Standard	Standard, money per unit of a physical
INX	Index	Index
INT	InterestRateIndex	Interest rate Index
PCTPAR	PercentOfPar	Percent of Par

Used in components: **UnderlyingInstrument**

**170.2.6277 UnderlyingPriceUnitOfMeasure**

Refer to definition for PriceUnitOfMeasure(1191)

Type: **String**

Allowed values in UnitOfMeasureCodeSet:

<b>Code</b>	<b>Name</b>	<b>Description</b>
Alw	Allowances	Allowances
Bcf	BillionCubicFeet	Billion cubic feet
Bbl	Barrels	Barrels. Equal to 42 US gallons
CBM	CubicMeters	Cubic Meters
BDFT	BoardFeet	Board feet. Equal to 144 cubic inches
GJ	Gigajoules	gigajoules
Bu	Bushels	Bushels
kHR	HeatRate	Heat rate. The number of BTUs required to produce one kilowatt hour of electricity, typically 3,412.14 BTUs per 1 kWh.
Ccy	Currency	Amount of currency
kWh	KilowattHours	Kilowatt hours
CDD	CoolingDegreeDay	Cooling degree day
MHR	MegaHeatRate	Mega heat rate. The number of million BTUs required to produce one megawatt hour of electricity, typically 3.41214 million BTUs per 1 MWh.
CER	CertifiedEmissionsReduction	Certified emissions reduction
MMBtu	OneMillionBTU	One Million BTU
CPD	CriticalPrecipDay	Critical precipitation day
MWh	MegawattHours	Megawatt hours
CRT	ClimateReserveTonnes	Climate reserve tonnes
thm	Therms	therms. Equal to 100,000 BTU
cwt	Hundredweight	Hundredweight(US). Equal to 100 lbs
tnCO2	TonsOfCarbonDioxide	Tons of carbon dioxide
day	Day	Days
dt	DryMetricTons	Dry metric tons
EnvAllwnc	EnvAllwncCert	Environmental allowance certificates
EnvCrd	EnvironmentalCredit	Environmental credit
EnvOfst	EnvironmentalOffset	Environmental Offset
g	Grams	Grams
Gal	Gallons	Gallons
GT	GrossTons	Gross tons. Also known as long tons or imperial tons, equal to 2240 lbs

<b>Code</b>	<b>Name</b>	<b>Description</b>
HDD	HeatingDegreeDay	Heating degree day
IPNT	IndexPoint	Index point
kg	Kilograms	Kilograms
kL	Kiloliters	kiloliters
kW-a	KilowattYear	Kilowatt year (electrical capacity)
kW-d	KilowattDay	Kilowatt day (electrical capacity)
kW-h	KilowattHour	Kilowatt hour (electrical capacity)
kW-M	KilowattMonth	Kilowatt month (electrical capacity)
kW-min	KilowattMinute	Kilowatt-Minute (electrical capacity)
L	Liters	liters
lbs	Pounds	pounds
MW-a	MegawattYear	Megawatt year (electrical capacity)
MW-d	MegawattDay	Megawatt day (electrical capacity)
MW-h	MegawattHour	Megawatt hour (electrical capacity)
MW-M	MegawattMonth	Megawatt month (electrical capacity)
MW-min	MegawattMinute	Megawatt minute (electrical capacity)
oz_tr	TroyOunces	Troy ounces
PRINC	PrincipalWithRelationToDebtInstrument	Principal with relation to debt instrument
t	MetricTons	Metric tons. Also known as Tonnes, equal to 1000 kg
tn	Tons	Tons (US). Equal to 2000 lbs
a	Are	Are
ac	Acre	Acre
cL	Centiliter	Centiliter
cM	Centimeter	Centimeter
DGE	DieselGallonEquivalent	Diesel gallon equivalent
ft	Foot	Foot
Gal_gb	GBGallon	GB Gallon
GGE	GasolineGallonEquivalent	Gasonline gallon equivalent
ha	Hectare	Hectare
in	Inch	Inch
kM	Kilometer	Kilometer
M	Meter	Meter
mi	Mile	Mile

Code	Name	Description
mL	Milliliter	Milliliter
mM	Millimeter	Millimeter
oz	USOunce	US ounce
pc	Piece	Piece
pt	USPint	US Pint
pt_gb	GBPint	GB pint
qt	USQuart	US Quart
qt_gb	GBQuart	GB Quart
SqcM	SquareCentimeter	Square centimeter
Sqft	SquareFoot	Square foot
Sqin	SquareInch	Square inch
SqkM	SquareKilometer	Square kilometer
SqM	SquareMeter	Square meter
Sqmi	SquareMile	Square mile
SqmM	SquareMillimeter	Square millimeter
Sqyd	SquareYard	Square yard
yd	Yard	Yard
MMbbl	MillionBarrels	Million Barrels
USD	USDollars	US Dollars

---

Used in components: [UnderlyingInstrument](#)

#### **170.2.6278 UnderlyingPriceUnitOfMeasureCurrency**

Indicates the currency of the underlying price unit of measure. Conditionally required when UnderlyingPriceUnitOfMeasure(1424) = Ccy

Type: [Currency](#)

Used in components: [UnderlyingInstrument](#)

#### **170.2.6279 UnderlyingPriceUnitOfMeasureCurrencyCodeSource**

Identifies class or source of the UnderlyingPriceUnitOfMeasureCurrency(1719) value.

Type: [String](#)

Allowed values in CurrencyCodeSourceCodeSet:

Code	Name	Description
1	CUSIP	CUSIP
2	SEDOL	SEDOL
4	ISINNumber	ISIN
6	ISOCurrencyCode	ISO Currency Code (ISO 4217)
S	FinancialInstrumentGlobalIdentifier	Financial Instrument Global Identifier. An Object Management Group (OMG) standard. Also referred to as FIGI. Formerly known as "Bloomberg Open Symbology BBGID".
Y	DigitalTokenIdentifier	Digital Token Identifier (ISO 24165)

Used in components: [UnderlyingInstrument](#)

#### **170.2.6280 UnderlyingPriceUnitOfMeasureQty**

Refer to definition of PriceUnitOfMeasureQty(1192)

Type: [Qty](#)

Used in components: [UnderlyingInstrument](#)

#### **170.2.6281 UnderlyingPricingDateAdjusted**

The adjusted pricing or fixing date.

Type: [LocalMktDate](#)

Used in components: [UnderlyingPricingDateTime](#)

#### **170.2.6282 UnderlyingPricingDateBusinessCenter**

The business center calendar used to adjust the pricing or fixing date, e.g. "GBLO".

See <http://www.fpml.org/coding-scheme/business-center> for standard 4-character code values.

Type: [String](#)

Used in groups: [UnderlyingPricingDateBusinessCenterGrp](#)



**170.2.6283 UnderlyingPricingDateBusinessCenterGrp**

UnderlyingPricingDateBusinessCenterGrp is a repeating subcomponent of the UnderlyingPricingDate-Time component used to specify the set of business centers whose calendars drive date adjustment. Used only to override the business centers defined in the UnderlyingDateAdjustment component in UnderlyingInstrument.

Name	Mult.	Type	Description
NoUnderlyingPricingDateBusinessCenters	[1..1]	NumInGroup	
UnderlyingPricingDateBusinessCenter	[0..1]	String	Required if NoUnderlyingPricingDateBusinessCenters(41947) > 0.

Used in components: [UnderlyingPricingDateTime](#)

**170.2.6284 UnderlyingPricingDateBusinessDayConvention**

The business day convention used to adjust the pricing or fixing date. Used only to override the business day convention specified in the UnderlyingDateAdjustment component within the UnderlyingInstrument component.

Type: [int](#)

Allowed values in BusinessDayConventionCodeSet:

Code	Name	Description
0	NotApplicable	Not applicable. Business day convention is not applicable.
1	None	None (current day)
2	FollowingDay	Following day. The following business day.
3	FloatingRateNote	Floating rate note. The FRN business day convention.
4	ModifiedFollowingDay	Modified following day. The modified following business day.
5	PrecedingDay	Preceding day. The preceding business day.
6	ModifiedPrecedingDay	Modified preceding day. The modified preceding business day.
7	NearestDay	Nearest day. The nearest applicable business day.

Used in components: [UnderlyingPricingDateTime](#)

**170.2.6285 UnderlyingPricingDateTime**

The UnderlyingPricingDateTime component is a subcomponent of UnderlyingInstrument used to specify an adjusted or unadjusted pricing or fixing date and optionally the time, e.g. for a commodity or FX forward trade.

Name	Mult.	Type	Description
<a href="#">UnderlyingPricingDateUnadjusted</a>	[0..1]	LocalMktDate	
<a href="#">UnderlyingPricingDateBusinessDay-Convention</a>	[0..1]	CodeSet	When specified, this overrides the business day convention defined in the UnderlyingDateAdjustment component in UnderlyingInstrument. The specified value would be specific to the underlying complex event dates.
<a href="#">UnderlyingPricingDateBusinessCenter-Grp</a>	[0..*]	Group	When specified, this overrides the business centers defined in the UnderlyingDateAdjustment component in UnderlyingInstrument. The specified values would be specific to the underlying complex event dates.
<a href="#">UnderlyingPricingDateAdjusted</a>	[0..1]	LocalMktDate	
<a href="#">UnderlyingPricingTime</a>	[0..1]	LocalMktTime	
<a href="#">UnderlyingPricingTimeBusinessCenter</a>	[0..1]	String	

Used in components: [UnderlyingInstrument](#)

**170.2.6286 UnderlyingPricingDateUnadjusted**

The unadjusted pricing or fixing date.

Type: [LocalMktDate](#)

Used in components: [UnderlyingPricingDateTime](#)

**170.2.6287 UnderlyingPricingTime**

The local market pricing or fixing time.

Type: [LocalMktTime](#)

Used in components: [UnderlyingPricingDateTime](#)

**170.2.6288 UnderlyingPricingTimeBusinessCenter**

Specifies the business center for determining the pricing or fixing time. See <http://www.fpml.org/coding-scheme/business-center> for standard 4-character code values.

Type: **String**

Used in components: **UnderlyingPricingDateTime**

**170.2.6289 UnderlyingProduct**

Underlying security's Product.

Valid values: see Product(460) field

Type: **int**

Allowed values in ProductCodeSet:

---

Code	Name	Description
1	AGENCY	AGENCY
2	COMMODITY	COMMODITY
3	CORPORATE	CORPORATE
4	CURRENCY	CURRENCY
5	EQUITY	EQUITY
6	GOVERNMENT	GOVERNMENT
7	INDEX	INDEX
8	LOAN	LOAN
9	MONEYMARKET	MONEYMARKET
10	MORTGAGE	MORTGAGE
11	MUNICIPAL	MUNICIPAL
12	OTHER	OTHER
13	FINANCING	FINANCING

---

Used in components: **UnderlyingInstrument**

**170.2.6290 UnderlyingProductComplex**

Identifies an entire suite of products for a given market. In Futures this may be "interest rates", "agricultural", "equity indexes", etc

Type: **String**

Used in components: **UnderlyingInstrument**

#### **170.2.6291 UnderlyingProtectionTermBuyerNotifies**

The notifying party is the party that notifies the other party when a credit event has occurred by means of a credit event notice. If more than one party is referenced as being the notifying party then either party may notify the other of a credit event occurring.

UnderlyingProtectionTermBuyerNotifies(42072)=Y indicates that the buyer notifies.

Type: **Boolean**

Used in groups: **UnderlyingProtectionTermGrp**

#### **170.2.6292 UnderlyingProtectionTermCurrency**

The currency of UnderlyingProtectionTermNotional(42069). Uses ISO 4217 currency codes.

Type: **Currency**

Used in groups: **UnderlyingProtectionTermGrp**

#### **170.2.6293 UnderlyingProtectionTermEventBusinessCenter**

When used, the business center indicates the local time of the business center that replaces the Greenwich Mean Time in Section 3.3 of the 2003 ISDA Credit Derivatives Definitions.

See <http://www.fpml.org/coding-scheme/business-center> for standard 4-character code values.

Type: **String**

Used in groups: **UnderlyingProtectionTermGrp**

#### **170.2.6294 UnderlyingProtectionTermEventCurrency**

Applicable currency if UnderlyingProtectionTermEventValue(42079) is an amount. Uses ISO 4217 currency codes.

Type: **Currency**

Used in groups: **UnderlyingProtectionTermEventGrp**

**170.2.6295 UnderlyingProtectionTermEventDayType**

Day type for events that specify a period and unit.

Type: **int**

Allowed values in ProtectionTermEventDayTypeCodeSet:

Code	Name	Description
0	Business	Business
1	Calendar	Calendar
2	CommodityBusiness	Commodity business
3	CurrencyBusiness	Currency business
4	ExchangeBusiness	Exchange business
5	ScheduledTradingDay	Scheduled trading day

Used in groups: **UnderlyingProtectionTermEventGrp**

**170.2.6296 UnderlyingProtectionTermEventGrp**

The UnderlyingProtectionTermEventGrp is a repeating component within the UnderlyingProtectionTermGrp component used to report applicable CDS credit events.

Name	Mult.	Type	Description
<b>NoUnderlyingProtectionTermEvents</b>	[1..1]	NumInGroup	
<b>UnderlyingProtectionTermEventType</b>	[0..1]	String	Required if NoUnderlyingProtectionTermEvents (42078) > 0.
<b>UnderlyingProtectionTermEventValue</b>	[0..1]	String	
<b>UnderlyingProtectionTermEventCurrency</b>	[0..1]	Currency	
<b>UnderlyingProtectionTermEventPeriod</b>	[0..1]	int	Conditionally required when UnderlyingProtectionTermEventUnit(42082) is specified.
<b>UnderlyingProtectionTermEventUnit</b>	[0..1]	CodeSet	Conditionally required when UnderlyingProtectionTermEventPeriod(42081) is specified.
<b>UnderlyingProtectionTermEventDayType</b>	[0..1]	CodeSet	

Name	Mult.	Type	Description
UnderlyingProtectionTermEventRate-Source	[0..1]	String	
UnderlyingProtectionTermEventQualifierGrp	[0..*]	Group	

Used in groups: [UnderlyingProtectionTermGrp](#)

### 170.2.6297 UnderlyingProtectionTermEventMinimumSources

The minimum number of the specified public information sources that must publish information that reasonably confirms that a credit event has occurred. The market convention is two.

Type: [int](#)

Used in groups: [UnderlyingProtectionTermGrp](#)

### 170.2.6298 UnderlyingProtectionTermEventNewsSource

Newspaper or electronic news service or source that may publish relevant information used in the determination of whether or not a credit event has occurred.

Type: [String](#)

Used in groups: [UnderlyingProtectionTermEventNewsSourceGrp](#)

### 170.2.6299 UnderlyingProtectionTermEventNewsSourceGrp

UnderlyingProtectionTermEventNewsSourceGrp is a repeating subcomponent within the UnderlyingProtectionTermGrp component. It is used to specify the particular newspapers or electronic news services and sources that may publish relevant information used in the determination of whether or not a credit event has occurred.

Name	Mult.	Type	Description
NoUnderlyingProtectionTermEventNewsSources	[1..1]	NumInGroup	
UnderlyingProtectionTermEventNewsSource	[0..1]	String	Required if NoUnderlyingProtectionTermEventNewsSources(42090) > 0.

Used in groups: [UnderlyingProtectionTermGrp](#)

**170.2.6300 UnderlyingProtectionTermEventPeriod**

Time unit multiplier for protection term events.

Type: **int**

Used in groups: **UnderlyingProtectionTermEventGrp**

**170.2.6301 UnderlyingProtectionTermEventQualifier**

Protection term event qualifier. Used to further qualify UnderlyingProtectionTermEventType(43078).

Type: **char**

Allowed values in ProtectionTermEventQualifierCodeSet:

Code	Name	Description
H	RestructuringMultipleHoldingObligations	Restructuring - multiple holding obligations. In relation to a restructuring credit event, unless multiple holder obligation is not specified restructurings are limited to multiple holder obligations. A multiple holder obligation means an obligation that is held by more than three holders that are not affiliates of each other and where at least two thirds of the holders must agree to the event that constitutes the restructuring credit event. ISDA 2003 Term: Multiple Holder Obligation.
E	RestructuringMultipleCreditEvent-Notices	Restructuring - multiple credit event notices. Presence of this element and value set to 'true' indicates that Section 3.9 of the 2003 Credit Derivatives Definitions shall apply. Absence of this element indicates that Section 3.9 shall not apply. NOTE: Not allowed under ISDA Credit 1999.
C	FloatingRateInterestShortfall	Floating rate interest shortfall. Indicates compounding.

Used in groups: **UnderlyingProtectionTermEventQualifierGrp**

**170.2.6302 UnderlyingProtectionTermEventQualifierGrp**

The UnderlyingProtectionTermEventQualifierGrp is a repeating component within the UnderlyingProtectionTermEventGrp component used to specify qualifying attributes to the event.

Name	Mult.	Type	Description
NoUnderlyingProtectionTermEventQualifiers	[1..1]	NumInGroup	
UnderlyingProtectionTermEventQualifier	[0..1]	CodeSet	Required if NoUnderlyingProtectionTermEventQualifiers(42085) > 0.

Used in groups: [UnderlyingProtectionTermEventGrp](#)

### 170.2.6303 UnderlyingProtectionTermEventRateSource

Rate source for events that specify a rate source, e.g. Floating rate interest shortfall.

Type: [String](#)

Used in groups: [UnderlyingProtectionTermEventGrp](#)

### 170.2.6304 UnderlyingProtectionTermEventType

Specifies the type of credit event applicable to the protection terms.

See [http://www.fixtradingcommunity.org/codelists#Protection\\_Term\\_Event\\_Types](http://www.fixtradingcommunity.org/codelists#Protection_Term_Event_Types) for code list of applicable event types.

Type: [String](#)

Used in groups: [UnderlyingProtectionTermEventGrp](#)

### 170.2.6305 UnderlyingProtectionTermEventUnit

Time unit associated with protection term events.

Type: [String](#)

Allowed values in ProtectionTermEventUnitCodeSet:

Code	Name	Description
D	Day	Day
Wk	Week	Week
Mo	Month	Month
Yr	Year	Year



Used in groups: [UnderlyingProtectionTermEventGrp](#)

### 170.2.6306 UnderlyingProtectionTermEventValue

Protection term event value appropriate to UnderlyingProtectionTermEventType(42078).

See [http://www.fixtradingcommunity.org/codelists#Protection\\_Term\\_Event\\_Types](http://www.fixtradingcommunity.org/codelists#Protection_Term_Event_Types) for applicable event type values.

Type: [String](#)

Used in groups: [UnderlyingProtectionTermEventGrp](#)

### 170.2.6307 UnderlyingProtectionTermGrp

The UnderlyingProtectionTermGrp is a repeating component within the UnderlyingInstrument component used to report contract protection term details.

---

Name	Mult.	Type	Description
<a href="#">NoUnderlyingProtectionTerms</a>	[1..1]	NumInGroup	
<a href="#">UnderlyingProtectionTermNotional</a>	[0..1]	Amt	Required if NoUnderlyingProtectionTerms(42068) > 0.
<a href="#">UnderlyingProtectionTermCurrency</a>	[0..1]	Currency	
<a href="#">UnderlyingProtectionTermSellerNotifies</a>	[0..1]	Boolean	
<a href="#">UnderlyingProtectionTermBuyerNotifies</a>	[0..1]	Boolean	
<a href="#">UnderlyingProtectionTermEventBusinessCenter</a>	[0..1]	String	
<a href="#">UnderlyingProtectionTermStandardSources</a>	[0..1]	Boolean	
<a href="#">UnderlyingProtectionTermEventMinimumSources</a>	[0..1]	int	
<a href="#">UnderlyingProtectionTermEventNewsSourceGrp</a>	[0..*]	Group	
<a href="#">UnderlyingProtectionTermEventGrp</a>	[0..*]	Group	
<a href="#">UnderlyingProtectionTermObligationGrp</a>	[0..*]	Group	
<a href="#">UnderlyingProtectionTermXID</a>	[0..1]	XID	

---

Used in components: [UnderlyingInstrument](#)

### **170.2.6308 UnderlyingProtectionTermNotional**

The notional amount of protection coverage for a floating rate.

Type: [Amt](#)

Used in groups: [UnderlyingProtectionTermGrp](#)

### **170.2.6309 UnderlyingProtectionTermObligationGrp**

The UnderlyingProtectionTermObligationGrp is a repeating component within the UnderlyingProtectionTermGrp component used to report applicable CDS obligations.

Name	Mult.	Type	Description
<a href="#">NoUnderlyingProtectionTermObligations</a>	[1..1]	NumInGroup	
<a href="#">UnderlyingProtectionTermObligationType</a>	[0..1]	String	Required if <a href="#">NoUnderlyingProtectionTermObligations(42087)</a> > 0.
<a href="#">UnderlyingProtectionTermObligationValue</a>	[0..1]	String	

Used in groups: [UnderlyingProtectionTermGrp](#)

### **170.2.6310 UnderlyingProtectionTermObligationType**

Specifies the type of obligation applicable to the protection terms.

See [http://www.fixtradingcommunity.org/codelists#Protection\\_Term\\_Obligation\\_Types](http://www.fixtradingcommunity.org/codelists#Protection_Term_Obligation_Types) for code list of applicable obligation types.

Type: [String](#)

Used in groups: [UnderlyingProtectionTermObligationGrp](#)

### **170.2.6311 UnderlyingProtectionTermObligationValue**

Protection term obligation value appropriate to UnderlyingProtectionTermObligationType(42088).

See [http://www.fixtradingcommunity.org/codelists#Protection\\_Term\\_Obligation\\_Types](http://www.fixtradingcommunity.org/codelists#Protection_Term_Obligation_Types) for applicable obligation type values.

Type: **String**

Used in groups: **UnderlyingProtectionTermObligationGrp**

### **170.2.6312 UnderlyingProtectionTermSellerNotifies**

The notifying party is the party that notifies the other party when a credit event has occurred by means of a credit event notice. If more than one party is referenced as being the notifying party then either party may notify the other of a credit event occurring.

UnderlyingProtectionTermSellerNotifies(42071)=Y indicates that the seller notifies.

Type: **Boolean**

Used in groups: **UnderlyingProtectionTermGrp**

### **170.2.6313 UnderlyingProtectionTermStandardSources**

Indicates whether ISDA defined Standard Public Sources are applicable (UnderlyingProtectionTermStandardSources(42074)=Y) or not.

Type: **Boolean**

Used in groups: **UnderlyingProtectionTermGrp**

### **170.2.6314 UnderlyingProtectionTermXID**

A named string value referenced by UnderlyingProtectionTermXIDRef(41314).

Type: **XID**

Used in groups: **UnderlyingProtectionTermGrp**

**170.2.6315 UnderlyingProtectionTermXIDRef**

Reference to the protection terms applicable to this entity or obligation. Contains the same XID named string value of the instance in the ProtectionTerms repeating group that applies to this Underlying.

Type: **XIDREF**

Used in components: **UnderlyingInstrument**

**170.2.6316 UnderlyingProvisionBreakFeeElection**

Type of fee elected for the break provision.

Type: **int**

Allowed values in ProvisionBreakFeeElectionCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	FlatFee	Flat fee
1	AmortizedFee	Amortized fee
2	FundingFee	Funding fee
3	FlatAndFundingFee	Flat fee and funding fee
4	AmortizedAndFundingFee	Amortized fee and funding fee

---

Used in groups: **UnderlyingProvisionGrp**

**170.2.6317 UnderlyingProvisionBreakFeeRate**

Break fee election rate when the break fee is proportional to the notional. A fee rate of 5% would be represented as "0.05".

Type: **Percentage**

Used in groups: **UnderlyingProvisionGrp**

**170.2.6318 UnderlyingProvisionCalculationAgent**

Used to identify the calculation agent. The calculation agent may be identified in UnderlyingProvisionCalculationAgent(42156) or in the underlying provision parties component.

Type: **int**

Allowed values in ProvisionCalculationAgentCodeSet:

Code	Name	Description
0	ExercisingParty	Exercising party
1	NonExercisingParty	Non-exercising party
2	MasterAgreement	As specified in the master agreement
3	Supplement	As specified in the standard terms supplement

Used in groups: [UnderlyingProvisionGrp](#)

### **170.2.6319 UnderlyingProvisionCashSettlCurrency**

Specifies the currency of settlement. Uses ISO 4217 currency codes.

Type: [Currency](#)

Used in groups: [UnderlyingProvisionGrp](#)

### **170.2.6320 UnderlyingProvisionCashSettlCurrency2**

Specifies the currency of settlement for a cross-currency provision. Uses ISO 4217 currency codes.

Type: [Currency](#)

Used in groups: [UnderlyingProvisionGrp](#)

### **170.2.6321 UnderlyingProvisionCashSettlMethod**

An ISDA defined cash settlement method used for the determination of the applicable cash settlement amount. The method is defined in the 2006 ISDA Definitions, Section 18.3. Cash Settlement Methods, paragraph (e).

Type: [int](#)

Allowed values in ProvisionCashSettlMethodCodeSet:

Code	Name	Description
0	CashPrice	Cash price
1	CashPriceAlternate	Cash price alternate

Code	Name	Description
2	ParYieldCurveAdjusted	Par yield curve adjusted
3	ZeroCouponYieldCurveAdjusted	Zero coupon yield curve adjusted
4	ParYieldCurveUnadjusted	Par yield curve unadjusted
5	CrossCurrency	Cross currency
6	CollateralizedPrice	Collateralized price

---

Used in groups: [UnderlyingProvisionGrp](#)

### **170.2.6322 UnderlyingProvisionCashSettlPaymentDate**

The cash settlement payment date, unadjusted or adjusted depending on [UnderlyingProvisionCashSettlPaymentDateType\(42101\)](#).

Type: [LocalMktDate](#)

Used in groups: [UnderlyingProvisionCashSettlPaymentFixedDateGrp](#)

### **170.2.6323 UnderlyingProvisionCashSettlPaymentDateBusinessCenter**

The business center calendar used to adjust the provision's cash settlement payment's termination, or relative termination, date, e.g. "GBLO".

See <http://www.fpml.org/coding-scheme/business-center> for standard 4-character code values.

Type: [String](#)

Used in groups: [UnderlyingProvisionCashSettlPaymentDateBusinessCenterGrp](#)

### **170.2.6324 UnderlyingProvisionCashSettlPaymentDateBusinessCenterGrp**

[UnderlyingProvisionCashSettlPaymentDateBusinessCenterGrp](#) is a repeating subcomponent within the [UnderlyingProvisionCashSettlPaymentDates](#) component. It is used to specify the set of business centers whose calendars drive the date adjustment. Used only to override the business centers defined in the [UnderlyingDateAdjustment](#) component in [UnderlyingInstrument](#).

Name	Mult.	Type	Description
NoUnderlyingProvisionCashSettlPaymentDateBusinessCenters	[1..1]	NumInGroup	
UnderlyingProvisionCashSettlPaymentDateBusinessCenter	[0..1]	String	Required if NoUnderlyingProvisionCashSettlPaymentDateBusinessCenters(42180) > 0.

Used in components: [UnderlyingProvisionCashSettlPaymentDates](#)

### 170.2.6325 UnderlyingProvisionCashSettlPaymentDateBusinessDayConvention

The business day convention used to adjust the provisional cash settlement payment's termination, or relative termination, date. Used only to override the business day convention specified in the UnderlyingDateAdjustment component within the UnderlyingInstrument component.

Type: [int](#)

Allowed values in BusinessDayConventionCodeSet:

Code	Name	Description
0	NotApplicable	Not applicable. Business day convention is not applicable.
1	None	None (current day)
2	FollowingDay	Following day. The following business day.
3	FloatingRateNote	Floating rate note. The FRN business day convention.
4	ModifiedFollowingDay	Modified following day. The modified following business day.
5	PrecedingDay	Preceding day. The preceding business day.
6	ModifiedPrecedingDay	Modified preceding day. The modified preceding business day.
7	NearestDay	Nearest day. The nearest applicable business day.

Used in components: [UnderlyingProvisionCashSettlPaymentDates](#)

### 170.2.6326 UnderlyingProvisionCashSettlPaymentDateOffsetDayType

Specifies the day type of the provision's relative cash settlement payment date offset.

Type: [int](#)

Allowed values in PaymentStreamPaymentDateOffsetDayTypeCodeSet:

---

Code	Name	Description
0	Business	Business
1	Calendar	Calendar
2	CommodityBusiness	Commodity business
3	CurrencyBusiness	Currency business
4	ExchangeBusiness	Exchange business
5	ScheduledTradingDay	Scheduled trading day

---

Used in components: [UnderlyingProvisionCashSettlPaymentDates](#)

### **170.2.6327 UnderlyingProvisionCashSettlPaymentDateOffsetPeriod**

Time unit multiplier for the relative cash settlement payment date offset.

Type: [int](#)

Used in components: [UnderlyingProvisionCashSettlPaymentDates](#)

### **170.2.6328 UnderlyingProvisionCashSettlPaymentDateOffsetUnit**

Time unit associated with the relative cash settlement payment date offset.

Type: [String](#)

Allowed values in PaymentStreamPaymentDateOffsetUnitCodeSet:

---

Code	Name	Description
D	Day	Day
Wk	Week	Week
Mo	Month	Month
Yr	Year	Year

---

Used in components: [UnderlyingProvisionCashSettlPaymentDates](#)

### **170.2.6329 UnderlyingProvisionCashSettlPaymentDateRangeFirst**

First date in range when a settlement date range is provided.



Type: [LocalMktDate](#)

Used in components: [UnderlyingProvisionCashSettlPaymentDates](#)

### 170.2.6330 UnderlyingProvisionCashSettlPaymentDateRangeLast

Last date in range when a settlement date range is provided.

Type: [LocalMktDate](#)

Used in components: [UnderlyingProvisionCashSettlPaymentDates](#)

### 170.2.6331 UnderlyingProvisionCashSettlPaymentDateRelativeTo

Specifies the anchor date when the cash settlement payment date is relative to an anchor date.

See [http://www.fixtradingcommunity.org/codelists#Relative\\_To\\_Date](http://www.fixtradingcommunity.org/codelists#Relative_To_Date) for values.

Type: [int](#)

Used in components: [UnderlyingProvisionCashSettlPaymentDates](#)

### 170.2.6332 UnderlyingProvisionCashSettlPaymentDates

The UnderlyingProvisionCashSettlPaymentDates component is a sub-component within the UnderlyingProvisionGrp component used to report the cash settlement payment dates defined in the provision.

Name	Mult.	Type	Description
<a href="#">UnderlyingProvisionCashSettlPaymentDateBusinessDayConvention</a>	[0..1]	CodeSet	When specified, this overrides the business day convention defined in the UnderlyingDateAdjustment component in UnderlyingInstrument. The specified value would be specific to this instance of the provisional cash settlement payment date.
<a href="#">UnderlyingProvisionCashSettlPaymentDateBusinessCenterGrp</a>	[0..*]	Group	When specified, this overrides the business centers defined in the UnderlyingDateAdjustment component in UnderlyingInstrument. The specified values would be specific to this instance of the provisional cash settlement payment date.
<a href="#">UnderlyingProvisionCashSettlPaymentDateRelativeTo</a>	[0..1]	int	

Name	Mult.	Type	Description
<a href="#">UnderlyingProvisionCashSettlPaymentDateOffsetPeriod</a>	[0..1]	int	Conditionally required when UnderlyingProvisionCashSettlPaymentDateOffsetUnit(42095) is specified.
<a href="#">UnderlyingProvisionCashSettlPaymentDateOffsetUnit</a>	[0..1]	CodeSet	Conditionally required when UnderlyingProvisionCashSettlPaymentDateOffsetPeriod(42094) is specified.
<a href="#">UnderlyingProvisionCashSettlPaymentDateOffsetDayType</a>	[0..1]	CodeSet	
<a href="#">UnderlyingProvisionCashSettlPaymentDateRangeFirst</a>	[0..1]	LocalMktDate	
<a href="#">UnderlyingProvisionCashSettlPaymentDateRangeLast</a>	[0..1]	LocalMktDate	
<a href="#">UnderlyingProvisionCashSettlPaymentFixedDateGrp</a>	[0..*]	Group	

Used in groups: [UnderlyingProvisionGrp](#)

### 170.2.6333 UnderlyingProvisionCashSettlPaymentDateType

Specifies the type of date (e.g. adjusted for holidays).

Type: [int](#)

Allowed values in ProvisionCashSettlPaymentDateTypeCodeSet:

Code	Name	Description
0	Unadjusted	Unadjusted
1	Adjusted	Adjusted

Used in groups: [UnderlyingProvisionCashSettlPaymentFixedDateGrp](#)

### 170.2.6334 UnderlyingProvisionCashSettlPaymentFixedDateGrp

The UnderlyingProvisionCashSettlPaymentFixedDateGrp is a repeating component within the UnderlyingProvisionCashSettlPaymentDates component used to report fixed cash settlement payment dates defined in the provision.

Name	Mult.	Type	Description
NoUnderlyingProvisionCashSettlPaymentDates	[1..1]	NumInGroup	
UnderlyingProvisionCashSettlPaymentDate	[0..1]	LocalMktDate	Required if NoUnderlyingProvisionCashSettlPaymentDates (42099) > 0.
UnderlyingProvisionCashSettlPaymentDateType	[0..1]	CodeSet	When specified it applies not only to the current date but to all subsequent dates in the group until overridden with a new type.

Used in components: [UnderlyingProvisionCashSettlPaymentDates](#)

### 170.2.6335 UnderlyingProvisionCashSettlQuoteReferencePage

Identifies the reference "page" from the quote source.

Type: [String](#)

Used in components: [UnderlyingProvisionCashSettlQuoteSource](#)

### 170.2.6336 UnderlyingProvisionCashSettlQuoteSource

Identifies the source of quote information.

Type: [int](#)

Allowed values in PaymentStreamRateIndexSourceCodeSet:

Code	Name	Description
0	Bloomberg	Bloomberg
1	Reuters	Reuters
2	Telerate	Telerate
99	Other	Other

Used in components: [UnderlyingProvisionCashSettlQuoteSource](#)

**170.2.6337 UnderlyingProvisionCashSettlQuoteSource**

The UnderlyingProvisionCashSettlQuoteSource is a subcomponent of the UnderlyingProvisionGrp component used to specify the reference source for currency or rate quote for cash settlement purposes.

Name	Mult.	Type	Description
UnderlyingProvisionCashSettlQuoteSource	[0..1]	CodeSet	
UnderlyingProvisionCashSettlQuoteReferencePage	[0..1]	String	

Used in groups: [UnderlyingProvisionGrp](#)

**170.2.6338 UnderlyingProvisionCashSettlQuoteType**

Identifies the type of quote to be used.

Type: [int](#)

Allowed values in ProvisionCashSettlQuoteTypeCodeSet:

Code	Name	Description
0	Bid	Bid
1	Mid	Mid
2	Offer	Offer
3	ExercisingPartyPays	Exercising party pays. See 2000 ISDA Definitions, Section 17.2, Certain Definitions Relating to Cash Settlement, paragraph (j) for definition of "exercising party pays".

Used in groups: [UnderlyingProvisionGrp](#)

**170.2.6339 UnderlyingProvisionCashSettlValueDateAdjusted**

The adjusted cash settlement value date.

Type: [LocalMktDate](#)

Used in components: [UnderlyingProvisionCashSettlValueDates](#)

**170.2.6340 UnderlyingProvisionCashSettlValueDateBusinessCenter**

The business center calendar used to adjust the cash settlement valuation date, e.g. "GBLO".

See <http://www.fpml.org/coding-scheme/business-center> for standard 4-character code values.

Type: **String**

Used in groups: **UnderlyingProvisionCashSettlValueDateBusinessCenterGrp**

**170.2.6341 UnderlyingProvisionCashSettlValueDateBusinessCenterGrp**

UnderlyingProvisionCashSettlValueDateBusinessCenterGrp is a repeating subcomponent within the UnderlyingProvisionCashSettlValueDates component. It is used to specify the set of business centers whose calendars drive the date adjustment. Used only to override the business centers defined in the UnderlyingDateAdjustment component in UnderlyingInstrument.

Name	Mult.	Type	Description
<b>NoUnderlyingProvisionCashSettlValueDateBusinessCenters</b>	[1..1]	NumInGroup	
<b>UnderlyingProvisionCashSettlValueDateBusinessCenter</b>	[0..1]	String	Required if NoUnderlyingProvisionCashSettlValueDateBusinessCenters(42182) > 0.

Used in components: **UnderlyingProvisionCashSettlValueDates**

**170.2.6342 UnderlyingProvisionCashSettlValueDateBusinessDayConvention**

The business day convention used to adjust the cash settlement valuation date. Used only to override the business day convention specified in the UnderlyingDateAdjustment component within the UnderlyingInstrument component.

Type: **int**

Allowed values in BusinessDayConventionCodeSet:

Code	Name	Description
0	NotApplicable	Not applicable. Business day convention is not applicable.
1	None	None (current day)
2	FollowingDay	Following day. The following business day.

---

Code	Name	Description
3	FloatingRateNote	Floating rate note. The FRN business day convention.
4	ModifiedFollowingDay	Modified following day. The modified following business day.
5	PrecedingDay	Preceding day. The preceding business day.
6	ModifiedPrecedingDay	Modified preceding day. The modified preceding business day.
7	NearestDay	Nearest day. The nearest applicable business day.

---

Used in components: [UnderlyingProvisionCashSettlValueDates](#)

### 170.2.6343 UnderlyingProvisionCashSettlValueDateOffsetDayType

Specifies the day type of the provision's relative cash settlement value date offset.

Type: [int](#)

Allowed values in PaymentStreamPaymentDateOffsetDayTypeCodeSet:

---

Code	Name	Description
0	Business	Business
1	Calendar	Calendar
2	CommodityBusiness	Commodity business
3	CurrencyBusiness	Currency business
4	ExchangeBusiness	Exchange business
5	ScheduledTradingDay	Scheduled trading day

---

Used in components: [UnderlyingProvisionCashSettlValueDates](#)

### 170.2.6344 UnderlyingProvisionCashSettlValueDateOffsetPeriod

Time unit multiplier for the relative cash settlement value date offset.

Type: [int](#)

Used in components: [UnderlyingProvisionCashSettlValueDates](#)

**170.2.6345 UnderlyingProvisionCashSettlValueDateOffsetUnit**

Time unit associated with the relative cash settlement value date offset.

Type: **String**

Allowed values in PaymentStreamPaymentDateOffsetUnitCodeSet:

Code	Name	Description
D	Day	Day
Wk	Week	Week
Mo	Month	Month
Yr	Year	Year

Used in components: **UnderlyingProvisionCashSettlValueDates**

**170.2.6346 UnderlyingProvisionCashSettlValueDateRelativeTo**

Specifies the anchor date when the cash settlement value date is relative to an anchor date.

See [http://www.fixtradingcommunity.org/codelists#Relative\\_To\\_Date](http://www.fixtradingcommunity.org/codelists#Relative_To_Date) for values.

Type: **int**

Used in components: **UnderlyingProvisionCashSettlValueDates**

**170.2.6347 UnderlyingProvisionCashSettlValueDates**

The UnderlyingProvisionCashSettlValueDates is a subcomponent within the UnderlyingProvisionGrp component used to report the cash settlement value date and time defined in the provision.

Name	Mult.	Type	Description
<b>UnderlyingProvisionCashSettlValue-Time</b>	[0..1]	LocalMktTime	
<b>UnderlyingProvisionCashSettlValue-TimeBusinessCenter</b>	[0..1]	String	

Name	Mult.	Type	Description
<a href="#">UnderlyingProvisionCashSettlValue-DateBusinessDayConvention</a>	[0..1]	CodeSet	When specified, this overrides the business day convention defined in the UnderlyingDateAdjustment component in UnderlyingInstrument. The specified value would be specific to this instance of the provisional cash settlement value date.
<a href="#">UnderlyingProvisionCashSettlValue-DateBusinessCenterGrp</a>	[0..*]	Group	When specified, this overrides the business centers defined in the UnderlyingDateAdjustment component in UnderlyingInstrument. The specified values would be specific to this instance of the provisional cash settlement value date.
<a href="#">UnderlyingProvisionCashSettlValue-DateRelativeTo</a>	[0..1]	int	
<a href="#">UnderlyingProvisionCashSettlValueDateOffsetPeriod</a>	[0..1]	int	Conditionally required when UnderlyingProvisionCashSettlValueDateOffsetUnit(42109) is specified.
<a href="#">UnderlyingProvisionCashSettlValueDateOffsetUnit</a>	[0..1]	CodeSet	Conditionally required when UnderlyingProvisionCashSettlValueDateOffsetPeriod(42108) is specified.
<a href="#">UnderlyingProvisionCashSettlValueDateOffsetDayType</a>	[0..1]	CodeSet	
<a href="#">UnderlyingProvisionCashSettlValue-DateAdjusted</a>	[0..1]	LocalMktDate	

Used in groups: [UnderlyingProvisionGrp](#)

### 170.2.6348 UnderlyingProvisionCashSettlValueTime

A time specified in 24-hour format, e.g. 11am would be represented as 11:00:00. The time of the cash settlement valuation date when the cash settlement amount will be determined according to the cash settlement method if the parties have not otherwise been able to agree to the cash settlement amount.

Type: [LocalMktTime](#)

Used in components: [UnderlyingProvisionCashSettlValueDates](#)

### 170.2.6349 UnderlyingProvisionCashSettlValueTimeBusinessCenter

Identifies the business center calendar used with the provision's cash settlement valuation time.



See <http://www.fpml.org/coding-scheme/business-center> for standard 4-character code values.

Type: **String**

Used in components: **UnderlyingProvisionCashSettlValueDates**

### **170.2.6350 UnderlyingProvisionDateAdjusted**

The adjusted date of the provision.

Type: **LocalMktDate**

Used in groups: **UnderlyingProvisionGrp**

### **170.2.6351 UnderlyingProvisionDateBusinessCenter**

The business center calendar used to adjust the underlying instrument's provision's date, e.g. "GBLO".

See <http://www.fpml.org/coding-scheme/business-center> for standard 4-character code values.

Type: **String**

Used in groups: **UnderlyingProvisionDateBusinessCenterGrp**

### **170.2.6352 UnderlyingProvisionDateBusinessCenterGrp**

UnderlyingProvisionDateBusinessCenterGrp is a repeating subcomponent within the UnderlyingProvisionGrp component. It is used to specify the set of business centers whose calendars drive the date adjustment. Used only to override the business centers defined in the UnderlyingDateAdjustment component in UnderlyingInstrument.

---

<b>Name</b>	<b>Mult.</b>	<b>Type</b>	<b>Description</b>
<b>NoUnderlyingProvisionDateBusinessCenters</b>	[1..1]	NumInGroup	
<b>UnderlyingProvisionDateBusinessCenter</b>	[0..1]	String	Required if NoUnderlyingProvisionDateBusinessCenters(42190) > 0.

---

Used in groups: **UnderlyingProvisionGrp**

**170.2.6353 UnderlyingProvisionDateBusinessDayConvention**

The business day convention used to adjust the underlying instrument's provision's date. Used only to override the business day convention specified in the UnderlyingDateAdjustment component within the UnderlyingInstrument component.

Type: **int**

Allowed values in BusinessDayConventionCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	NotApplicable	Not applicable. Business day convention is not applicable.
1	None	None (current day)
2	FollowingDay	Following day. The following business day.
3	FloatingRateNote	Floating rate note. The FRN business day convention.
4	ModifiedFollowingDay	Modified following day. The modified following business day.
5	PrecedingDay	Preceding day. The preceding business day.
6	ModifiedPrecedingDay	Modified preceding day. The modified preceding business day.
7	NearestDay	Nearest day. The nearest applicable business day.

---

Used in groups: **UnderlyingProvisionGrp**

**170.2.6354 UnderlyingProvisionDateTenorPeriod**

Time unit multiplier for the provision's tenor period.

Type: **int**

Used in groups: **UnderlyingProvisionGrp**

**170.2.6355 UnderlyingProvisionDateTenorUnit**

Time unit associated with the provision's tenor period.

Type: **String**

Allowed values in ProvisionDateTenorUnitCodeSet:

Code	Name	Description
D	Day	Day
Wk	Week	Week
Mo	Month	Month
Yr	Year	Year

Used in groups: [UnderlyingProvisionGrp](#)

### 170.2.6356 UnderlyingProvisionDateUnadjusted

The unadjusted date of the provision.

Type: [LocalMktDate](#)

Used in groups: [UnderlyingProvisionGrp](#)

### 170.2.6357 UnderlyingProvisionGrp

The UnderlyingProvisionGrp is a repeating subcomponent of the UnderlyingInstrument component used to detail additional terms and conditions associated with the instrument.

Name	Mult.	Type	Description
<a href="#">NoUnderlyingProvisions</a>	[1..1]	NumInGroup	
<a href="#">UnderlyingProvisionType</a>	[0..1]	CodeSet	Required if <a href="#">NoUnderlyingProvisions(42149)</a> > 0.
<a href="#">UnderlyingProvisionDateUnadjusted</a>	[0..1]	LocalMktDate	
<a href="#">UnderlyingProvisionDateBusinessDay-Convention</a>	[0..1]	CodeSet	When specified, this overrides the business day convention defined in the <a href="#">UnderlyingDateAdjustment</a> component in <a href="#">UnderlyingInstrument</a> . The specified value would be specific to this instance of the instrument provisions.
<a href="#">UnderlyingProvisionDateBusinessCenterGrp</a>	[0..*]	Group	When specified, this overrides the business centers defined in the <a href="#">UnderlyingDateAdjustment</a> component in <a href="#">UnderlyingInstrument</a> . The specified values would be specific to this instance of the instrument provisions.
<a href="#">UnderlyingProvisionDateAdjusted</a>	[0..1]	LocalMktDate	

Name	Mult.	Type	Description
UnderlyingProvisionDateTenorPeriod	[0..1]	int	Conditionally required when UnderlyingProvisionDateTenorUnit(42155) is specified.
UnderlyingProvisionDateTenorUnit	[0..1]	CodeSet	Conditionally required when UnderlyingProvisionDateTenorPeriod(42154) is specified.
UnderlyingProvisionBreakFeeElection	[0..1]	CodeSet	
UnderlyingProvisionBreakFeeRate	[0..1]	Percentage	
UnderlyingProvisionCalculationAgent	[0..1]	CodeSet	
UnderlyingProvisionOptionSinglePartyBuyerSide	[0..1]	CodeSet	
UnderlyingProvisionOptionSinglePartySellerSide	[0..1]	CodeSet	
UnderlyingProvisionCashSettlValueDates	[0..1]	Component	
UnderlyingProvisionOptionExerciseDates	[0..1]	Component	
UnderlyingProvisionOptionExpirationDate	[0..1]	Component	
UnderlyingProvisionOptionRelevantUnderlyingDate	[0..1]	Component	
UnderlyingProvisionOptionExerciseStyle	[0..1]	CodeSet	
UnderlyingProvisionOptionExerciseMultipleNotional	[0..1]	Amt	
UnderlyingProvisionOptionExerciseMinimumNotional	[0..1]	Amt	
UnderlyingProvisionOptionExerciseMaximumNotional	[0..1]	Amt	
UnderlyingProvisionOptionMinimumNumber	[0..1]	int	
UnderlyingProvisionOptionMaximumNumber	[0..1]	int	
UnderlyingProvisionOptionExerciseConfirmation	[0..1]	Boolean	
UnderlyingProvisionCashSettlPaymentDates	[0..1]	Component	
UnderlyingProvisionCashSettlMethod	[0..1]	CodeSet	

Name	Mult.	Type	Description
UnderlyingProvisionCashSettlCur- rency	[0..1]	Currency	
UnderlyingProvisionCashSettlCur- rency2	[0..1]	Currency	
UnderlyingProvisionCashSettlQuote- Type	[0..1]	CodeSet	
UnderlyingProvisionCashSettlQuote- Source	[0..1]	Component	
UnderlyingProvisionText	[0..1]	String	
EncodedUnderlyingProvisionTextLen	[0..1]	Length	Must be set if EncodedProvisionText(40987) field is specified and must immediately precede it.
EncodedUnderlyingProvisionText	[0..1]	data	Encoded (non-ASCII characters) representation of the UnderlyingProvisionText(42170) field in the encoded format specified via the MessageEncoding(347) field.
UnderlyingProvisionParties	[0..*]	Group	

Used in components: [UnderlyingInstrument](#)

#### 170.2.6358 UnderlyingProvisionOptionExerciseBoundsFirstDateUnadjusted

The unadjusted first date of a schedule. This can be used to restrict the range of exercise dates when they are relative.

Type: [LocalMktDate](#)

Used in components: [UnderlyingProvisionOptionExerciseDates](#)

#### 170.2.6359 UnderlyingProvisionOptionExerciseBoundsLastDateUnadjusted

The unadjusted last date of a schedule. This can be used to restrict the range of exercise dates when they are relative.

Type: [LocalMktDate](#)

Used in components: [UnderlyingProvisionOptionExerciseDates](#)

**170.2.6360 UnderlyingProvisionOptionExerciseBusinessCenter**

The business center calendar used to adjust the underlying instrument's provision's option exercise date, e.g. "GBLO".

See <http://www.fpml.org/coding-scheme/business-center> for standard 4-character code values.

Type: **String**

Used in groups: **UnderlyingProvisionOptionExerciseBusinessCenterGrp**

**170.2.6361 UnderlyingProvisionOptionExerciseBusinessCenterGrp**

UnderlyingProvisionOptionExerciseBusinessCenterGrp is a repeating subcomponent within the UnderlyingProvisionOptionExerciseDates component. It is used to specify the set of business centers whose calendars drive the date adjustment. Used only to override the business centers defined in the UnderlyingDateAdjustment component in UnderlyingInstrument.

Name	Mult.	Type	Description
<b>NoUnderlyingProvisionOptionExerciseBusinessCenters</b>	[1..1]	NumInGroup	
<b>UnderlyingProvisionOptionExerciseBusinessCenter</b>	[0..1]	String	Required if NoUnderlyingProvisionOptionExerciseBusinessCenters(42184) > 0.

Used in components: **UnderlyingProvisionOptionExerciseDates**

**170.2.6362 UnderlyingProvisionOptionExerciseBusinessDayConvention**

The business day convention used to adjust the underlying instrument's provision's option exercise date. Used only to override the business day convention specified in the UnderlyingDateAdjustment component within the UnderlyingInstrument component.

Type: **int**

Allowed values in BusinessDayConventionCodeSet:

Code	Name	Description
0	NotApplicable	Not applicable. Business day convention is not applicable.
1	None	None (current day)

Code	Name	Description
2	FollowingDay	Following day. The following business day.
3	FloatingRateNote	Floating rate note. The FRN business day convention.
4	ModifiedFollowingDay	Modified following day. The modified following business day.
5	PrecedingDay	Preceding day. The preceding business day.
6	ModifiedPrecedingDay	Modified preceding day. The modified preceding business day.
7	NearestDay	Nearest day. The nearest applicable business day.

Used in components: [UnderlyingProvisionOptionExerciseDates](#)

### 170.2.6363 UnderlyingProvisionOptionExerciseConfirmation

Used to indicate whether follow-up confirmation of exercise (written or electronic) is required following telephonic notice by the buyer to the seller or seller's agent.

Type: [Boolean](#)

Used in groups: [UnderlyingProvisionGrp](#)

### 170.2.6364 UnderlyingProvisionOptionExerciseDates

The UnderlyingProvisionOptionExerciseDates is a subcomponent within the UnderlyingProvisionGrp component used to report the option exercise dates and times defined in the provision.

Name	Mult.	Type	Description
<a href="#">UnderlyingProvisionOptionExercise-BusinessDayConvention</a>	[0..1]	CodeSet	When specified, this overrides the business day convention defined in the UnderlyingDateAdjustment component in UnderlyingInstrument. The specified value would be specific to this instance of the provisional option exercise date.
<a href="#">UnderlyingProvisionOptionExercise-BusinessCenterGrp</a>	[0..*]	Group	When specified, this overrides the business centers defined in the UnderlyingDateAdjustment component in UnderlyingInstrument. The specified values would be specific to this instance of the provisional option exercise date.
<a href="#">UnderlyingProvisionOptionExercise-FixedDateGrp</a>	[0..*]	Group	

Name	Mult.	Type	Description
UnderlyingProvisionOptionExerciseEarliestDateOffsetPeriod	[0..1]	int	Conditionally required when UnderlyingProvisionOptionExerciseEarliestDateUnit(42117) is specified.
UnderlyingProvisionOptionExerciseEarliestDateOffsetUnit	[0..1]	CodeSet	Conditionally required when UnderlyingProvisionOptionExerciseEarliestDatePeriod(42116) is specified.
UnderlyingProvisionOptionExerciseFrequencyPeriod	[0..1]	int	Conditionally required when UnderlyingProvisionOptionExerciseFrequencyUnit(42119) is specified.
UnderlyingProvisionOptionExerciseFrequencyUnit	[0..1]	CodeSet	Conditionally required when UnderlyingProvisionOptionExerciseFrequencyPeriod(42118) is specified.
UnderlyingProvisionOptionExerciseStartDateUnadjusted	[0..1]	LocalMktDate	
UnderlyingProvisionOptionExerciseStartDateRelativeTo	[0..1]	int	
UnderlyingProvisionOptionExerciseStartDateOffsetPeriod	[0..1]	int	Conditionally required when UnderlyingProvisionOptionExerciseStartDateOffsetUnit(42123) is specified.
UnderlyingProvisionOptionExerciseStartDateOffsetUnit	[0..1]	CodeSet	Conditionally required when UnderlyingProvisionOptionExerciseStartDateOffsetPeriod(42122) is specified.
UnderlyingProvisionOptionExerciseStartDateOffsetDayType	[0..1]	CodeSet	
UnderlyingProvisionOptionExerciseStartDateAdjusted	[0..1]	LocalMktDate	
UnderlyingProvisionOptionExercisePeriodSkip	[0..1]	int	
UnderlyingProvisionOptionExerciseBoundsFirstDateUnadjusted	[0..1]	LocalMktDate	
UnderlyingProvisionOptionExerciseBoundsLastDateUnadjusted	[0..1]	LocalMktDate	
UnderlyingProvisionOptionExerciseEarliestTime	[0..1]	LocalMktTime	
UnderlyingProvisionOptionExerciseEarliestTimeBusinessCenter	[0..1]	String	
UnderlyingProvisionOptionExerciseLatestTime	[0..1]	LocalMktTime	



**UnderlyingProvisionOptionExercise-  
LatestTimeBusinessCenter** [0..1] String

---

Used in groups: [UnderlyingProvisionGrp](#)

### **170.2.6365 UnderlyingProvisionOptionExerciseEarliestDateOffsetPeriod**

Time unit multiplier for the interval to the first (and possibly only) exercise date in the exercise period.

Type: [int](#)

Used in components: [UnderlyingProvisionOptionExerciseDates](#)

### **170.2.6366 UnderlyingProvisionOptionExerciseEarliestDateOffsetUnit**

Time unit associated with the interval to the first (and possibly only) exercise date in the exercise period.

Type: [String](#)

Allowed values in ProvisionOptionExerciseEarliestDateOffsetUnitCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
D	Day	Day
Wk	Week	Week
Mo	Month	Month
Yr	Year	Year

---

Used in components: [UnderlyingProvisionOptionExerciseDates](#)

### **170.2.6367 UnderlyingProvisionOptionExerciseEarliestTime**

The earliest time at which notice of exercise can be given by the buyer to the seller (or seller's agent) i) on the expiration date, in the case of a European style option, (ii) on each bermuda option exercise date and the expiration date, in the case of a Bermuda style option the commencement date to, and including, the expiration date, in the case of an American option.

Type: [LocalMktTime](#)

Used in components: [UnderlyingProvisionOptionExerciseDates](#)

**170.2.6368 UnderlyingProvisionOptionExerciseEarliestTimeBusinessCenter**

Identifies the business center calendar used with the provision's earliest time for notice of exercise.

See <http://www.fpml.org/coding-scheme/business-center> for standard 4-character code values.

Type: **String**

Used in components: **UnderlyingProvisionOptionExerciseDates**

**170.2.6369 UnderlyingProvisionOptionExerciseFixedDate**

A predetermined option exercise date, unadjusted or adjusted depending on UnderlyingProvisionOptionExerciseFixedDateType(42114).

Type: **LocalMktDate**

Used in groups: **UnderlyingProvisionOptionExerciseFixedDateGrp**

**170.2.6370 UnderlyingProvisionOptionExerciseFixedDateGrp**

The UnderlyingProvisionOptionExerciseFixedDateGrp is a repeating component within the UnderlyingProvisionOptionExerciseDates component used to report an array of unadjusted or adjusted fixed exercise dates.

Name	Mult.	Type	Description
<b>NoUnderlyingProvisionOptionExerciseFixedDates</b>	[1..1]	NumInGroup	
<b>UnderlyingProvisionOptionExerciseFixedDate</b>	[0..1]	LocalMktDate	Required if NoUnderlyingProvisionOptionExerciseFixedDates(42112) > 0.
<b>UnderlyingProvisionOptionExerciseFixedDateType</b>	[0..1]	CodeSet	When specified it applies not only to the current date but to all subsequent dates in the group until overridden with a new type.

Used in components: **UnderlyingProvisionOptionExerciseDates**

**170.2.6371 UnderlyingProvisionOptionExerciseFixedDateType**

Specifies the type of date (e.g. adjusted for holidays).

Type: **int**

Allowed values in ProvisionOptionExerciseFixedDateTypeCodeSet:

Code	Name	Description
0	Unadjusted	Unadjusted
1	Adjusted	Adjusted

Used in groups: [UnderlyingProvisionOptionExerciseFixedDateGrp](#)

### 170.2.6372 UnderlyingProvisionOptionExerciseFrequencyPeriod

Time unit multiplier for the frequency of subsequent exercise dates in the exercise period following the earliest exercise date. An interval of 1 day should be used to indicate an American style exercise frequency.

Type: [int](#)

Used in components: [UnderlyingProvisionOptionExerciseDates](#)

### 170.2.6373 UnderlyingProvisionOptionExerciseFrequencyUnit

Time unit associated with the frequency of subsequent exercise dates in the exercise period following the earliest exercise date.

Type: [String](#)

Allowed values in CouponFrequencyUnitCodeSet:

Code	Name	Description
D	Day	Day
Wk	Week	Week
Mo	Month	Month
Yr	Year	Year
H	Hour	Hour
Min	Minute	Minute
S	Second	Second
T	Term	Term

Used in components: [UnderlyingProvisionOptionExerciseDates](#)

**170.2.6374 UnderlyingProvisionOptionExerciseLatestTime**

For a Bermuda or American style option, the latest time on an exercise business day (excluding the expiration date) within the exercise period that notice can be given by the buyer to the seller or seller's agent. Notice of exercise given after this time will be deemed to have been given on the next exercise business day.

Type: **LocalMktTime**

Used in components: **UnderlyingProvisionOptionExerciseDates**

**170.2.6375 UnderlyingProvisionOptionExerciseLatestTimeBusinessCenter**

Identifies the business center calendar used with the provision's latest time for notice of exercise.

See <http://www.fpml.org/coding-scheme/business-center> for standard 4-character code values.

Type: **String**

Used in components: **UnderlyingProvisionOptionExerciseDates**

**170.2.6376 UnderlyingProvisionOptionExerciseMaximumNotional**

The maximum notional amount that can be exercised on a given exercise date.

Type: **Amt**

Used in groups: **UnderlyingProvisionGrp**

**170.2.6377 UnderlyingProvisionOptionExerciseMinimumNotional**

The minimum notional amount that can be exercised on a given exercise date.

Type: **Amt**

Used in groups: **UnderlyingProvisionGrp**

**170.2.6378 UnderlyingProvisionOptionExerciseMultipleNotional**

A notional amount which restricts the amount of notional that can be exercised when partial exercise or multiple exercise is applicable. The integral multiple amount defines a lower limit of notional that can be exercised and also defines a unit multiple of notional that can be exercised, i.e. only integer multiples of this amount can be exercised.

Type: **Amt**

Used in groups: **UnderlyingProvisionGrp**

### **170.2.6379 UnderlyingProvisionOptionExercisePeriodSkip**

The number of periods in the referenced date schedule that are between each date in the relative date schedule. Thus a skip of 2 would mean that dates are relative to every second date in the referenced schedule. If present this should have a value greater than 1.

Type: **int**

Used in components: **UnderlyingProvisionOptionExerciseDates**

### **170.2.6380 UnderlyingProvisionOptionExerciseStartDateAdjusted**

The adjusted first day of the exercise period for an American style option.

Type: **LocalMktDate**

Used in components: **UnderlyingProvisionOptionExerciseDates**

### **170.2.6381 UnderlyingProvisionOptionExerciseStartDateOffsetDayType**

Specifies the day type of the provision's relative option exercise start date offset.

Type: **int**

Allowed values in **PaymentStreamPaymentDateOffsetDayTypeCodeSet**:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	Business	Business
1	Calendar	Calendar
2	CommodityBusiness	Commodity business
3	CurrencyBusiness	Currency business
4	ExchangeBusiness	Exchange business
5	ScheduledTradingDay	Scheduled trading day

---

Used in components: **UnderlyingProvisionOptionExerciseDates**

**170.2.6382 UnderlyingProvisionOptionExerciseStartDateOffsetPeriod**

Time unit multiplier for the relative option exercise start date offset.

Type: **int**

Used in components: **UnderlyingProvisionOptionExerciseDates**

**170.2.6383 UnderlyingProvisionOptionExerciseStartDateOffsetUnit**

Time unit associated with the relative option exercise start date offset.

Type: **String**

Allowed values in PaymentStreamPaymentDateOffsetUnitCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
D	Day	Day
Wk	Week	Week
Mo	Month	Month
Yr	Year	Year

---

Used in components: **UnderlyingProvisionOptionExerciseDates**

**170.2.6384 UnderlyingProvisionOptionExerciseStartDateRelativeTo**

Specifies the anchor date when the option exercise start date is relative to an anchor date.

See [http://www.fixtradingcommunity.org/codelists#Relative\\_To\\_Date](http://www.fixtradingcommunity.org/codelists#Relative_To_Date) for values.

Type: **int**

Used in components: **UnderlyingProvisionOptionExerciseDates**

**170.2.6385 UnderlyingProvisionOptionExerciseStartDateUnadjusted**

The unadjusted first day of the exercise period for an American style option.

Type: **LocalMktDate**

Used in components: **UnderlyingProvisionOptionExerciseDates**

**170.2.6386 UnderlyingProvisionOptionExerciseStyle**

The instrument provision's exercise style.

Type: **int**

Allowed values in ExerciseStyleCodeSet:

Code	Name	Description
0	European	European
1	American	American
2	Bermuda	Bermuda
99	Other	Other

Used in groups: **UnderlyingProvisionGrp**

**170.2.6387 UnderlyingProvisionOptionExpirationDateAdjusted**

The adjusted last date within an exercise period for an American style option. For a European style option it is the only date within the exercise period.

Type: **LocalMktDate**

Used in components: **UnderlyingProvisionOptionExpirationDate**

**170.2.6388 UnderlyingProvisionOptionExpirationDateBusinessCenter**

The business center calendar used to adjust the underlying instrument's provision's option expiration date, e.g. "GBLO".

See <http://www.fpml.org/coding-scheme/business-center> for standard 4-character code values.

Type: **String**

Used in groups: **UnderlyingProvisionOptionExpirationDateBusinessCenterGrp**

**170.2.6389 UnderlyingProvisionOptionExpirationDateBusinessCenterGrp**

**UnderlyingProvisionOptionExpirationDateBusinessCenterGrp** is a repeating subcomponent within the **UnderlyingProvisionOptionExpirationDate** component. It is used to specify the set of business centers

whose calendars drive the date adjustment. Used only to override the business centers defined in the UnderlyingDateAdjustment component in UnderlyingInstrument.

Name	Mult.	Type	Description
NoUnderlyingProvisionOptionExpirationDateBusinessCenters	[1..1]	NumInGroup	
UnderlyingProvisionOptionExpirationDateBusinessCenter	[0..1]	String	Required if NoUnderlyingProvisionOptionExpirationDateBusinessCenters(42186) > 0.

Used in components: [UnderlyingProvisionOptionExpirationDate](#)

### 170.2.6390 UnderlyingProvisionOptionExpirationDateBusinessDayConvention

The business day convention used to adjust the underlying instrument's provision's option expiration date. Used only to override the business day convention specified in the UnderlyingDateAdjustment component within the UnderlyingInstrument component.

Type: [int](#)

Allowed values in BusinessDayConventionCodeSet:

Code	Name	Description
0	NotApplicable	Not applicable. Business day convention is not applicable.
1	None	None (current day)
2	FollowingDay	Following day. The following business day.
3	FloatingRateNote	Floating rate note. The FRN business day convention.
4	ModifiedFollowingDay	Modified following day. The modified following business day.
5	PrecedingDay	Preceding day. The preceding business day.
6	ModifiedPrecedingDay	Modified preceding day. The modified preceding business day.
7	NearestDay	Nearest day. The nearest applicable business day.

Used in components: [UnderlyingProvisionOptionExpirationDate](#)

### 170.2.6391 UnderlyingProvisionOptionExpirationDate

The UnderlyingProvisionOptionExerciseDate is a subcomponent within the UnderlyingProvisionGrp component used to report the option expiration date and times defined in the provision.



Name	Mult.	Type	Description
<a href="#">UnderlyingProvisionOptionExpirationDateUnadjusted</a>	[0..1]	LocalMktDate	
<a href="#">UnderlyingProvisionOptionExpirationDateBusinessDayConvention</a>	[0..1]	CodeSet	When specified, this overrides the business day convention defined in the UnderlyingDateAdjustment component in UnderlyingInstrument. The specified value would be specific to this instance of the provisional option expiration date.
<a href="#">UnderlyingProvisionOptionExpirationDateBusinessCenterGrp</a>	[0..*]	Group	When specified, this overrides the business centers defined in the UnderlyingDateAdjustment component in UnderlyingInstrument. The specified values would be specific to this instance of the provisional option expiration date.
<a href="#">UnderlyingProvisionOptionExpirationDateRelativeTo</a>	[0..1]	int	
<a href="#">UnderlyingProvisionOptionExpirationDateOffsetPeriod</a>	[0..1]	int	Conditionally required when UnderlyingProvisionOptionExpirationDateOffsetUnit(42137) is specified.
<a href="#">UnderlyingProvisionOptionExpirationDateOffsetUnit</a>	[0..1]	CodeSet	Conditionally required when UnderlyingProvisionOptionExpirationDateOffsetPeriod(42136) is specified.
<a href="#">UnderlyingProvisionOptionExpirationDateOffsetDayType</a>	[0..1]	CodeSet	
<a href="#">UnderlyingProvisionOptionExpirationDateAdjusted</a>	[0..1]	LocalMktDate	
<a href="#">UnderlyingProvisionOptionExpirationTime</a>	[0..1]	LocalMktTime	
<a href="#">UnderlyingProvisionOptionExpirationTimeBusinessCenter</a>	[0..1]	String	

Used in groups: [UnderlyingProvisionGrp](#)

### 170.2.6392 UnderlyingProvisionOptionExpirationDateOffsetDayType

Specifies the day type of the provision's relative option expiration date offset.

Type: **int**

Allowed values in PaymentStreamPaymentDateOffsetDayTypeCodeSet:

---

Code	Name	Description
0	Business	Business
1	Calendar	Calendar
2	CommodityBusiness	Commodity business
3	CurrencyBusiness	Currency business
4	ExchangeBusiness	Exchange business
5	ScheduledTradingDay	Scheduled trading day

---

Used in components: [UnderlyingProvisionOptionExpirationDate](#)

### **170.2.6393 UnderlyingProvisionOptionExpirationDateOffsetPeriod**

Time unit multiplier for the relative option expiration date offset.

Type: [int](#)

Used in components: [UnderlyingProvisionOptionExpirationDate](#)

### **170.2.6394 UnderlyingProvisionOptionExpirationDateOffsetUnit**

Time unit associated with the relative option expiration date offset.

Type: [String](#)

Allowed values in PaymentStreamPaymentDateOffsetUnitCodeSet:

---

Code	Name	Description
D	Day	Day
Wk	Week	Week
Mo	Month	Month
Yr	Year	Year

---

Used in components: [UnderlyingProvisionOptionExpirationDate](#)

### **170.2.6395 UnderlyingProvisionOptionExpirationDateRelativeTo**

Specifies the anchor date when the option expiration date is relative to an anchor date.

See [http://www.fixtradingcommunity.org/codelists#Relative\\_To\\_Date](http://www.fixtradingcommunity.org/codelists#Relative_To_Date) for values.

Type: **int**

Used in components: **UnderlyingProvisionOptionExpirationDate**

#### **170.2.6396 UnderlyingProvisionOptionExpirationDateUnadjusted**

The unadjusted last day within an exercise period for an American style option. For a European style option it is the only day within the exercise period.

Type: **LocalMktDate**

Used in components: **UnderlyingProvisionOptionExpirationDate**

#### **170.2.6397 UnderlyingProvisionOptionExpirationTime**

The latest time for exercise on the expiration date.

Type: **LocalMktTime**

Used in components: **UnderlyingProvisionOptionExpirationDate**

#### **170.2.6398 UnderlyingProvisionOptionExpirationTimeBusinessCenter**

Identifies the business center calendar used with the provision's latest exercise time on expiration date.

See <http://www.fpml.org/coding-scheme/business-center> for standard 4-character code values.

Type: **String**

Used in components: **UnderlyingProvisionOptionExpirationDate**

#### **170.2.6399 UnderlyingProvisionOptionMaximumNumber**

The maximum number of options that can be exercised on a given exercise date. If the number is not specified, it means that the maximum number of options corresponds to the remaining unexercised options.

Type: **int**

Used in groups: **UnderlyingProvisionGrp**

**170.2.6400 UnderlyingProvisionOptionMinimumNumber**

The minimum number of options that can be exercised on a given exercise date.

Type: **int**

Used in groups: **UnderlyingProvisionGrp**

**170.2.6401 UnderlyingProvisionOptionRelevantUnderlyingDateAdjusted**

The adjusted date on the underlying set by the exercise of an option. What this date is depends on the option (e.g. in a swaption it is the swap effective date, in an extendible/cancelable provision it is the swap termination date).

Type: **LocalMktDate**

Used in components: **UnderlyingProvisionOptionRelevantUnderlyingDate**

**170.2.6402 UnderlyingProvisionOptionRelevantUnderlyingDateBizDayConvention**

The business day convention used to adjust the underlying instrument provision's option underlying date. Used only to override the business day convention specified in the UnderlyingDateAdjustment component within the UnderlyingInstrument component.

Type: **int**

Allowed values in BusinessDayConventionCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	NotApplicable	Not applicable. Business day convention is not applicable.
1	None	None (current day)
2	FollowingDay	Following day. The following business day.
3	FloatingRateNote	Floating rate note. The FRN business day convention.
4	ModifiedFollowingDay	Modified following day. The modified following business day.
5	PrecedingDay	Preceding day. The preceding business day.
6	ModifiedPrecedingDay	Modified preceding day. The modified preceding business day.
7	NearestDay	Nearest day. The nearest applicable business day.

---

Used in components: **UnderlyingProvisionOptionRelevantUnderlyingDate**

**170.2.6403 UnderlyingProvisionOptionRelevantUnderlyingDateBusinessCenter**

The business center calendar used to adjust the underlying instrument's provision's option underlying date, e.g. "GBLO".

See <http://www.fpml.org/coding-scheme/business-center> for standard 4-character code values.

Type: **String**

Used in groups: **UnderlyingProvisionOptionRelevantUnderlyingDateBusinessCenterGrp**

**170.2.6404 UnderlyingProvisionOptionRelevantUnderlyingDateBusinessCenterGrp**

UnderlyingProvisionOptionRelevantUnderlyingDateBusinessCenterGrp is a repeating subcomponent within the UnderlyingProvisionOptionRelevantUnderlyingDate component. It is used to specify the set of business centers whose calendars drive date adjustment. Used only to override the business centers defined in the UnderlyingDateAdjustment component in UnderlyingInstrument.

Name	Mult.	Type	Description
<b>NoUnderlyingProvisionOptionRelevantUnderlyingDateBusinessCenters</b>	[1..1]	NumInGroup	
<b>UnderlyingProvisionOptionRelevantUnderlyingDateBusinessCenter</b>	[0..1]	String	Required if NoUnderlyingProvisionOptionRelevantUnderlyingDateBusinessCenters(42188) > 0.

Used in components: **UnderlyingProvisionOptionRelevantUnderlyingDate**

**170.2.6405 UnderlyingProvisionOptionRelevantUnderlyingDate**

The UnderlyingProvisionOptionRelevantUnderlyingDate is a subcomponent within the UnderlyingProvisionGrp component used to report the option relevant underlying date defined in the provision.

Name	Mult.	Type	Description
<b>UnderlyingProvisionOptionRelevantUnderlyingDateUnadjusted</b>	[0..1]	LocalMktDate	

Name	Mult.	Type	Description
<a href="#">UnderlyingProvisionOptionRelevantUnderlyingDateBizDayConvention</a>	[0..1]	CodeSet	When specified, this overrides the business day convention defined in the UnderlyingDateAdjustment component in UnderlyingInstrument. The specified value would be specific to this instance of the provisional option relevant underlying date.
<a href="#">UnderlyingProvisionOptionRelevantUnderlyingDateBusinessCenterGrp</a>	[0..*]	Group	When specified, this overrides the business centers defined in the UnderlyingDateAdjustment component in UnderlyingInstrument. The specified values would be specific to this instance of the provisional option relevant underlying date.
<a href="#">UnderlyingProvisionOptionRelevantUnderlyingDateRelativeTo</a>	[0..1]	int	
<a href="#">UnderlyingProvisionOptionRelevantUnderlyingDateOffsetPeriod</a>	[0..1]	int	Conditionally required when UnderlyingProvisionOptionRelevantUnderlyingDateOffsetUnit(42146) is specified.
<a href="#">UnderlyingProvisionOptionRelevantUnderlyingDateOffsetUnit</a>	[0..1]	CodeSet	Conditionally required when UnderlyingProvisionOptionRelevantUnderlyingDateOffsetPeriod(42145) is specified.
<a href="#">UnderlyingProvisionOptionRelevantUnderlyingDateOffsetDayType</a>	[0..1]	CodeSet	
<a href="#">UnderlyingProvisionOptionRelevantUnderlyingDateAdjusted</a>	[0..1]	LocalMktDate	

Used in groups: [UnderlyingProvisionGrp](#)

### 170.2.6406 UnderlyingProvisionOptionRelevantUnderlyingDateOffsetDayType

Specifies the day type of the provision's relative option relevant underlying date offset.

Type: [int](#)

Allowed values in PaymentStreamPaymentDateOffsetDayTypeCodeSet:

Code	Name	Description
0	Business	Business
1	Calendar	Calendar
2	CommodityBusiness	Commodity business
3	CurrencyBusiness	Currency business

Code	Name	Description
4	ExchangeBusiness	Exchange business
5	ScheduledTradingDay	Scheduled trading day

Used in components: [UnderlyingProvisionOptionRelevantUnderlyingDate](#)

#### 170.2.6407 UnderlyingProvisionOptionRelevantUnderlyingDateOffsetPeriod

Time unit multiplier for the relative option relevant underlying date offset.

Type: [int](#)

Used in components: [UnderlyingProvisionOptionRelevantUnderlyingDate](#)

#### 170.2.6408 UnderlyingProvisionOptionRelevantUnderlyingDateOffsetUnit

Time unit associated with the relative option relevant underlying date offset.

Type: [String](#)

Allowed values in PaymentStreamPaymentDateOffsetUnitCodeSet:

Code	Name	Description
D	Day	Day
Wk	Week	Week
Mo	Month	Month
Yr	Year	Year

Used in components: [UnderlyingProvisionOptionRelevantUnderlyingDate](#)

#### 170.2.6409 UnderlyingProvisionOptionRelevantUnderlyingDateRelativeTo

Specifies the anchor date when the date relevant to the underlying trade on exercise is relative to an anchor date.

See [http://www.fixtradingcommunity.org/codelists#Relative\\_To\\_Date](http://www.fixtradingcommunity.org/codelists#Relative_To_Date) for values.

Type: [int](#)

Used in components: [UnderlyingProvisionOptionRelevantUnderlyingDate](#)

**170.2.6410 UnderlyingProvisionOptionRelevantUnderlyingDateUnadjusted**

The unadjusted date on the underlying set by the exercise of an option. What this date is depends on the option (e.g. in a swaption it is the swap effective date, in an extendible/cancelable provision it is the swap termination date).

Type: [LocalMktDate](#)

Used in components: [UnderlyingProvisionOptionRelevantUnderlyingDate](#)

**170.2.6411 UnderlyingProvisionOptionSinglePartyBuyerSide**

If optional early termination is not available to both parties then this component identifies the buyer of the option through its side of the trade.

Type: [int](#)

Allowed values in ProvisionOptionSinglePartyBuyerSideCodeSet:

---

Code	Name	Description
1	Buy	Buy
2	Sell	Sell

---

Used in groups: [UnderlyingProvisionGrp](#)

**170.2.6412 UnderlyingProvisionOptionSinglePartySellerSide**

If optional early termination is not available to both parties then this component identifies the seller of the option through its side of the trade.

Type: [int](#)

Allowed values in ProvisionOptionSinglePartyBuyerSideCodeSet:

---

Code	Name	Description
1	Buy	Buy
2	Sell	Sell

---

Used in groups: [UnderlyingProvisionGrp](#)



**170.2.6413 UnderlyingProvisionParties**

UnderlyingProvisionParties is a repeating component within the UnderlyingProvisionGrp component used to report the parties identified in the contract provision.

Name	Mult.	Type	Description
NoUnderlyingProvisionPartyIDs	[1..1]	NumInGroup	
UnderlyingProvisionPartyID	[0..1]	String	Required if NoUnderlyingProvisionPartyIDs(42173) > 0.
UnderlyingProvisionPartyIDSource	[0..1]	CodeSet	Required if NoUnderlyingProvisionPartyIDs(42173) > 0.
UnderlyingProvisionPartyRole	[0..1]	CodeSet	Required if NoUnderlyingProvisionPartyIDs(42173) > 0.
UnderlyingProvisionPartyRoleQualifier	[0..1]	CodeSet	
UnderlyingProvisionPtysSubGrp	[0..*]	Group	

Used in groups: [UnderlyingProvisionGrp](#)

**170.2.6414 UnderlyingProvisionPartyID**

The party identifier for the payment settlement party.

Type: [String](#)

Used in groups: [UnderlyingProvisionParties](#)

**170.2.6415 UnderlyingProvisionPartyIDSource**

Identifies the class or source of the UnderlyingProvisionPartyID(42174) value.

Type: [char](#)

Allowed values in PartyIDSourceCodeSet:

Code	Name	Description
1	KoreanInvestorID	Korean Investor ID
6	UKNationalInsuranceOrPension-Number	UK National Insurance or Pension Number

Code	Name	Description
B	BIC	BIC (Bank Identification Code - SWIFT managed) code (ISO9362 - See "Appendix 6-B")
I	ISITCAcronym	Directed broker three character acronym as defined in ISITC "ETC Best Practice" guidelines document
2	TaiwaneseForeignInvestorID	Taiwanese Qualified Foreign Investor ID QFII/FID
7	USSocialSecurityNumber	US Social Security Number
C	GeneralIdentifier	Generally accepted market participant identifier (e.g. NASD mnemonic)
3	TaiwaneseTradingAcct	Taiwanese Trading Acct
8	USEmployerOrTaxIDNumber	US Employer or Tax ID Number
D	Proprietary	Proprietary / Custom code. Custom ID schema used between counterparties, trading platforms and repositories.
4	MalaysianCentralDepository	Malaysian Central Depository (MCD) number
9	AustralianBusinessNumber	Australian Business Number
E	ISOCountryCode	ISO Country Code
5	ChineseInvestorID	Chinese Investor ID
A	AustralianTaxFileNumber	Australian Tax File Number
F	SettlementEntityLocation	Settlement Entity Location (note if Local Market Settlement use "E=ISO Country Code") (see "Appendix 6-G" for valid values)
G	MIC	Market Identifier Code (ISO 10383) MIC
J	TaxID	Tax ID
H	CSDParticipant	CSD participant/member code (e.g. Euroclear, DTC, CREST or Kassenverein number)
K	AustralianCompanyNumber	Australian Company Number
L	AustralianRegisteredBodyNumber	Australian Registered Body Number
M	CFTCReportingFirmIdentifier	CFTC reporting firm identifier
N	LegalEntityIdentifier	Legal Entity Identifier (ISO 17442) LEI
O	InterimIdentifier	Interim identifier. An interim entity identifier assigned by a regulatory agency prior to an LEI (ISO 17442) being assigned.
P	ShortCodeIdentifier	Short code identifier. A generic means for trading venues, brokers, investment managers to convey a bilaterally agreed upon "short hand" code for an identifier that is a reference to a mapping between the parties.

Code	Name	Description
Q	NationalIDNaturalPerson	National ID of natural person. An identification number generally assigned by a government authority or agency to a natural person which is unique to the person it is assigned to. Examples include, but not limited to, "social security number", "pension number".
R	IndiaPermanentAccountNumber	India Permanent Account Number. Also referred to as PAN ID. An identifier issued by the Income Tax Department of India.
S	FDID	Firm designated identifier. Also referred to as FDID. A unique identifier required by the SEC for each trading account designated by Industry Members for purposes of reporting to CAT (Consolidated Audit Trail).
T	SPSAID	Special Segregated Account ID. Also referred to as SPSA ID. The Special Segregated Account identifier issued by Hong Kong Exchanges and Clearing.
U	MasterSPSAID	Master Special Segregated Account ID. Also referred to as Master SPSA ID. The master identifier issued by Hong Kong Exchanges and Clearing for the aggregation of SPSA IDs.

Used in groups: [UnderlyingProvisionParties](#)

### 170.2.6416 UnderlyingProvisionPartyRole

Identifies the type or role of UnderlyingProvisionPartyID(42174) specified.

Type: [int](#)

Allowed values in PartyRoleCodeSet:

Code	Name	Description
1	ExecutingFirm	Executing Firm (formerly FIX 4.2 ExecBroker)
2	BrokerOfCredit	Broker of Credit (formerly FIX 4.2 BrokerOfCredit)
3	ClientID	Client ID (formerly FIX 4.2 ClientID)
4	ClearingFirm	Clearing Firm (formerly FIX 4.2 ClearingFirm)
5	InvestorID	Investor ID
6	IntroducingFirm	Introducing Firm
7	EnteringFirm	Entering Firm
8	Locate	Locate / Lending Firm (for short-sales)
9	FundManagerClientID	Fund Manager Client ID (for CIV)

<b>Code</b>	<b>Name</b>	<b>Description</b>
10	SettlementLocation	Settlement Location (formerly FIX 4.2 SettlLocation)
11	OrderOriginationTrader	Order Origination Trader (associated with Order Origination Firm - i.e. trader who initiates/submits the order)
12	ExecutingTrader	Executing Trader (associated with Executing Firm - actually executes)
13	OrderOriginationFirm	Order Origination Firm (e.g. buy-side firm)
14	GiveupClearingFirmDepr	Giveup Clearing Firm (firm to which trade is given up)
15	CorrespondantClearingFirm	Correspondant Clearing Firm
16	ExecutingSystem	Executing System
17	ContraFirm	Contra Firm
18	ContraClearingFirm	Contra Clearing Firm
19	SponsoringFirm	Sponsoring Firm
20	UnderlyingContraFirm	Underlying Contra Firm
21	ClearingOrganization	Clearing Organization
22	Exchange	Exchange. Identify using PartyIDSource(tag 447) = G (Market Identifier Code) if the MIC exists.
24	CustomerAccount	Customer Account
25	CorrespondentClearingOrganization	Correspondent Clearing Organization
26	CorrespondentBroker	Correspondent Broker
27	Buyer	Buyer/Seller (Receiver/Deliverer)
28	Custodian	Custodian
29	Intermediary	Intermediary
30	Agent	Agent
31	SubCustodian	Sub-custodian
32	Beneficiary	Beneficiary
33	InterestedParty	Interested party
34	RegulatoryBody	Regulatory body. In the context of regulatory reporting, this identifies the regulator the trade is being reported to.
35	LiquidityProvider	Liquidity provider
36	EnteringTrader	Entering trader
37	ContraTrader	Contra trader
38	PositionAccount	Position account. The account which positions are maintained. Typically represents the aggregation of one or more customer accounts.
39	ContraInvestorID	Contra Investor ID
40	TransferToFirm	Transfer to Firm

Code	Name	Description
41	ContraPositionAccount	Contra Position Account
42	ContraExchange	Contra Exchange
43	InternalCarryAccount	Internal Carry Account
44	OrderEntryOperatorID	Order Entry Operator ID
45	SecondaryAccountNumber	Secondary Account Number
46	ForeignFirm	Foreign Firm
47	ThirdPartyAllocationFirm	Third Party Allocation Firm
48	ClaimingAccount	Claiming Account
49	AssetManager	Asset Manager
50	PledgorAccount	Pledgor Account
51	PledgeeAccount	Pledgee Account
52	LargeTraderReportableAccount	Large Trader Reportable Account
53	TraderMnemonic	Trader mnemonic
54	SenderLocation	Sender Location
55	SessionID	Session ID
56	AcceptableCounterparty	Acceptable Counterparty
57	UnacceptableCounterparty	Unacceptable Counterparty
58	EnteringUnit	Entering Unit
59	ExecutingUnit	Executing Unit
60	IntroducingBroker	Introducing Broker
61	QuoteOriginator	Quote originator
62	ReportOriginator	Report originator
63	SystematicInternaliser	Systematic internaliser (SI)
64	MultilateralTradingFacility	Multilateral Trading Facility (MTF). Identify using PartyIDSource(tag 447) = G (Market Identifier Code) if the MIC exists.
65	RegulatedMarket	Regulated Market (RM). Identify using PartyIDSource(tag 447) = G (Market Identifier Code) if the MIC exists.
66	MarketMaker	Market Maker
67	InvestmentFirm	Investment Firm
68	HostCompetentAuthority	Host Competent Authority (Host CA)
69	HomeCompetentAuthority	Home Competent Authority (Home CA)
70	CompetentAuthorityLiquidity	Competent Authority of the most relevant market in terms of liquidity (CAL)

<b>Code</b>	<b>Name</b>	<b>Description</b>
71	CompetentAuthorityTransactionVenue	Competent Authority of the Transaction (Execution) Venue (CATV)
72	ReportingIntermediary	Reporting intermediary. The medium or vendor used to report to a regulator, non-regulatory agency or data repository.
73	ExecutionVenue	Execution Venue. Identify using PartyIDSource(tag 447) = G (Market Identifier Code) if the MIC exists.
74	MarketDataEntryOriginator	Market data entry originator
75	LocationID	Location ID
76	DeskID	Desk ID
77	MarketDataMarket	Market data market
78	AllocationEntity	Allocation Entity
79	PrimeBroker	Prime Broker providing General Trade Services
80	StepOutFirm	Step-Out Firm (Prime Broker)
81	BrokerClearingID	Broker clearing identifier
82	CentralRegistrationDepository	Central Registration Depository (CRD)
83	ClearingAccount	Clearing Account
84	AcceptableSettlingCounterparty	Acceptable Settling Counterparty
85	UnacceptableSettlingCounterparty	Unacceptable Settling Counterparty
86	CLSMemberBank	CLS Member Bank
87	InConcertGroup	In Concert Group
88	InConcertControllingEntity	In Concert Controlling Entity
89	LargePositionsReportingAccount	Large Positions Reporting Account
90	SettlementFirm	Settlement Firm
91	SettlementAccount	Settlement account. The account to which individual payment obligations are aggregated for netting and funds movement. Typically represents the aggregation of many margin (performance bond) accounts.
92	ReportingMarketCenter	Reporting Market Center
93	RelatedReportingMarketCenter	Related Reporting Market Center
94	AwayMarket	Away Market. Identify using PartyIDSource(tag 447) = G (Market Identifier Code) if the MIC exists.
95	GiveupTradingFirm	Give-up (trading) firm
96	TakeupTradingFirm	Take-up (trading) firm
97	GiveupClearingFirm	Give-up clearing firm
98	TakeupClearingFirm	Take-up clearing firm

<b>Code</b>	<b>Name</b>	<b>Description</b>
99	OriginatingMarket	Originating Market. Identifies the Market using PartyIDSource(tag 447) = G (Market Identifier Code) where an order originated in the event that the order is sent to an alternative market for execution. Serves as an inverse of an away market.
100	MarginAccount	Margin account. Also referred to as "performance bond account". The margin account is the calculated margin requirements. Typically represents the aggregation of one or more position accounts.
101	CollateralAssetAccount	Collateral asset account. The account at which individual collateral assets are maintained. Typically, although not always, one-for-one with the settlement account.
102	DataRepository	Data repository. Multiple instances of this PartyRole may appear for reporting purposes.
103	CalculationAgent	Calculation agent
104	ExerciseNoticeSender	Sender of exercise notice
105	ExerciseNoticeReceiver	Receiver of exercise notice
106	RateReferenceBank	Rate reference bank. The bank providing the reference rate. Multiple instance of this PartyRole may appear.
107	Correspondent	Correspondent
109	BeneficiaryBank	Beneficiary's bank or depository institution. The institution in which the beneficiary, a person or an entity, has their account with. The institution may be a bank or non-bank institution.
110	Borrower	Borrower
111	PrimaryObligator	Primary obligator
112	Guarantor	Guarantor
113	ExcludedReferenceEntity	Excluded reference entity
114	DeterminingParty	Determining party
115	HedgingParty	Hedging party
116	ReportingEntity	Reporting entity. The entity that is reporting the information.
117	SalesPerson	Sales person. The person who is involved in the sales activities for their firm.
118	Operator	Operator. The person who has the capabilities and authorization to take certain actions; for example, setting entitlements, etc.
119	CSD	Central Securities Depository (CSD)
120	ICSD	International Central Securities Depository (ICSD)

Code	Name	Description
121	TradingSubAccount	Trading sub-account. Example of sub-accounts include a clearing account that has multiple trading sub-accounts, a trading account that has multiple trading sub-accounts belonging to different trading firms.
122	InvestmentDecisionMaker	Investment decision maker. In the context of ESMA RTS reporting, this is used to specify party responsible for the investment decision. See RTS 24, Annex, Table 2, Field 4.
123	PublishingIntermediary	Publishing intermediary. The medium or vendor used to publish to the market.
124	CSDParticipant	Central Securities Depository (CSD) Participant. In the context of EU SFTR reporting the identifier of the CSD participant or indirect participant of the reporting counterparty. Where both the CSD participant and indirect participant are involved in the transaction this should identify the indirect participant.
125	Issuer	Issuer. The issuer of the security.
126	ContraCustomerAccount	Contra Customer Account. Same as PartyRole(452) = 24 (Customer Account) but for the counterparty. Can be used whenever the parties component is not nested in a repeating group representing both sides.
127	ContraInvestmentDecisionMaker	Contra Investment Decision Maker. Same as PartyRole(452) = 122 (Investment Decision Maker) but for the counterparty. Can be used whenever the parties component is not nested in a repeating group representing both sides.

Used in groups: [UnderlyingProvisionParties](#)

### 170.2.6417 UnderlyingProvisionPartyRoleQualifier

Used to further qualify the value of UnderlyingProvisionPartyRole(42176).

Type: [int](#)

Allowed values in PartyDetailRoleQualifierCodeSet:

Code	Name	Description
0	Agency	Agency
1	Principal	Principal
2	RisklessPrincipal	Riskless principal
3	GeneralClearingMember	General clearing member



<b>Code</b>	<b>Name</b>	<b>Description</b>
30	ExchangeOrderSubmitter	Exchange order submitter. Used to identify original or initial exchange order submitting broker when party role "1" (Executing Firm) appears more than once.
4	IndividualClearingMember	Individual clearing member
5	PreferredMarketMaker	Preferred market maker. Market maker getting a part of the matched quantity before primary or default market maker.
6	DirectedMarketMaker	Directed market maker. Single market maker to handle the order provided.
7	Bank	Bank
8	Hub	Hub. Indicates that the Intermediary party is a hub system or service provider.
9	PrimaryTrdRepository	Primary trade repository. Used to differentiate the principal trade repository from the Original or Additional trade repositories when there are multiple trade repositories being reported.
10	OrigTrdRepository	Original trade repository. Used to identify the trade repository to which the trade was originally reported if different from the current repository to which the trade is being reported.
11	AddnlIntlTrdRepository	Additional international trade repository. Used with InternationalSwapIndicator(2526) to identify the trade repository that is in addition to the local swaps data repository as required by U.S. law.
12	AddnlDomesticTrdRepository	Additional domestic trade repository. Used with MixedSwapIndicator(1929) to identify the trade repository that is in addition to the current trade repository when the assets in the swap are subject to two different domestic regulators.
13	RelatedExchange	Related exchange
14	OptionsExchange	Options exchange
15	SpecifiedExchange	Specified exchange
16	ConstituentExchange	Constituent exchange.
17	ExemptFromTradeReporting	Exempt from trade reporting. In the context of FINRA TRACE reporting requirements, this is used to indicate the ATS has been granted a regulatory exemption from reporting.
18	Current	Current. Can be used to convey an existing party identifier for the same party role in a single message.
19	New	New. Can be used to convey a future party identifier for the same party role in a single message.
20	DesignatedSponsor	Designated sponsor. Market maker jointly providing liquidity for the same security with other market makers.

Code	Name	Description
21	Specialist	Specialist. Market maker being the only one providing liquidity for a security.
22	Algorithm	Algorithm
23	FirmOrLegalEntity	Firm or legal entity
24	NaturalPerson	Natural person
25	RegularTrader	Regular trader. Standard trader profile.
26	HeadTrader	Head trader. Senior trader leading a group of regular traders.
27	Supervisor	Supervisor. Administrative user that has only limited rights for normal trading but possibly special rights for emergency actions.
28	TriParty	Tri-party. In the context of EU SFTR reporting, identifies the third party, not necessarily the custodian, to which the reporting counterparty has outsourced the post-trade processing of an SFT (if applicable).
29	Lender	Lender. In the context of EU SFTR reporting, identifies the agent lender involved in the securities lending transaction.

Used in groups: [UnderlyingProvisionParties](#)

#### 170.2.6418 UnderlyingProvisionPartySubID

Underlying provision party sub-identifier, if applicable for UnderlyingProvisionPartyID(42174).

Type: [String](#)

Used in groups: [UnderlyingProvisionPtysSubGrp](#)

#### 170.2.6419 UnderlyingProvisionPartySubIDType

The type of UnderlyingProvisionPartySubID(42178).

Type: [int](#)

Allowed values in PartySubIDTypeCodeSet:

Code	Name	Description
1	Firm	Firm
2	Person	Person

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<b>Code</b>	<b>Name</b>	<b>Description</b>
3	System	System
4	Application	Application
5	FullLegalNameOfFirm	Full legal name of firm
6	PostalAddress	Postal address
7	PhoneNumber	Phone number
8	EmailAddress	Email address
9	ContactName	Contact name
10	SecuritiesAccountNumber	Securities account number (for settlement instructions)
11	RegistrationNumber	Registration number (for settlement instructions and confirmations)
12	RegisteredAddressForConfirmation	Registered address (for confirmation purposes)
13	RegulatoryStatus	Regulatory status (for confirmation purposes)
14	RegistrationName	Registration name (for settlement instructions)
15	CashAccountNumber	Cash account number (for settlement instructions)
16	BIC	BIC
17	CSDParticipantMemberCode	CSD participant member code
18	RegisteredAddress	Registered address
19	FundAccountName	Fund account name
20	TelexNumber	Telex number
21	FaxNumber	Fax number
22	SecuritiesAccountName	Securities account name
23	CashAccountName	Cash account name
24	Department	Department
25	LocationDesk	Location desk
26	PositionAccountType	Position account type
27	SecurityLocateID	Security locate ID
28	MarketMaker	Market maker
29	EligibleCounterparty	Eligible counterparty
30	ProfessionalClient	Professional client
31	Location	Location
32	ExecutionVenue	Execution venue
33	CurrencyDeliveryIdentifier	Currency delivery identifier
34	AddressCity	Address City
35	AddressStateOrProvince	Address State/Province

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Code	Name	Description
36	AddressPostalCode	Address Postal Code
37	AddressStreet	Address Street
38	AddressISOCountryCode	Address Country (ISO country code)
39	ISOCountryCode	ISO country code
40	MarketSegment	Market segment
41	CustomerAccountType	Customer account type
42	OmnibusAccount	Omnibus account
43	FundsSegregationType	Funds segregation type
44	GuaranteeFund	Guarantee fund. Identifies a guarantee fund related to an account. Used when one account has multiple funds of collateral, each guaranteeing different positions. Can be used for PartyRole(452) = Customer Account(24).
45	SwapDealer	Swap dealer. The US regulator's defined term for identifying the trade counterparty as "any person who holds itself out as a dealer in swaps, makes a market in swaps, regularly enters into swaps with counterparties as an ordinary course of business for its own account, or engages in activity causing itself to be commonly known in the trade as a dealer or market maker in swaps".
46	MajorParticipant	Major participant. When PartySubID(523)=Y the counterparty is not the swap dealer but is a major swap participant as defined in the regulations.
47	FinancialEntity	Financial entity. When PartySubID(523)=Y the counterparty is neither a swap dealer nor a major swap participant but is a financial entity as defined in the regulations.
48	USPerson	U.S. person. A legal term referring to any U.S. person or legal entity anywhere in the world that should be taxed under U.S. law.
49	ReportingEntityIndicator	Reporting entity indicator. Indicates the entity obligated or delegated to report to their regulator, a non-regulatory agency or data repository. Set PartySubID(523)=Y if true.
50	ElectedClearingRequirementException	Elected clearing requirement exception
51	BusinessCenter	Business center.
52	ReferenceText	Reference text
53	ShortMarkingExemptAccount	Short-marking exempt account
54	ParentFirmIdentifier	Parent firm identifier. Implementation-specific identifier of this party's parent entity.
55	ParentFirmName	Parent firm name. Full name of this party's parent entity.

Code	Name	Description
56	DealIdentifier	Deal identifier. The internal identifier assigned to the trade by this party, particularly by a Clearing Organization.
57	SystemTradeID	System trade identifier
58	SystemTradeSubID	System trade sub-identifier
59	FCMCode	Futures Commission Merchant (FCM) code. The FCM's code or identifier in relation to the PartyRole(452). For example, if PartyRole(452) is the exchange or clearinghouse, the FCM code/ID specified in PartySubID(523) is the FCM's identifier at the exchange or clearinghouse.
60	DlvryTrmlCode	Delivery terminal customer account/code. Usually used for gas delivery to identify whose account the gas is allocated to at the delivery terminal. Often referred to as "HUB" code.
61	VolntyRptEntity	Voluntary reporting entity. The entity voluntarily reporting the trade to the regulator. Set PartySubID(523)=Y if true.
62	RptObligJurisdiction	Reporting obligation jurisdiction. For a trade that falls under multiple jurisdictions this may be used to identify, through PartySubID(523), the reporting jurisdiction to which the party is obligated to report.
63	VolntyRptJurisdiction	Voluntary reporting jurisdiction. For a trade that falls under multiple jurisdictions this may be used to identify, through PartySubID(523), the regulatory jurisdiction to which the party is submitting a voluntary report.
64	CompanyActivities	Company activities. For regulatory reporting. ID values include: A = Assurance undertaking authorized in accordance with Directive 2002/83/EC C = Credit institution authorized in accordance with Directive 2006/48/EC F = Investment firm in accordance with Directive 2004/39/EC I = Insurance undertaking authorized in accordance with Directive 73/239/EC L = Alternative investment fund managed by AIFMs authorized or registered in accordance with Directive 2011/61/EC O = Institution for occupational retirement provision within the meaning of Article 6(a) of Directive 2003/41/EC R = Reinsurance undertaking authorized in accordance with Directive 2005/68/EC U = UCITS and its management company, authorized in accordance with Directive 2009/65/EC or blank in case of coverage by LEI or in case of non-financial counterparties. In the context of EU SFTR reporting use the appropriate 4- or 1-character code noted in the regulations. See SFTR ITS "Commission Implementing Regulation (EU) 2019/363" Annexes 1 and 2 for values.
65	EEAreaDomiciled	European Economic Area domiciled. ID values: Y or N

<b>Code</b>	<b>Name</b>	<b>Description</b>
66	ContractLinked	Contract linked to commercial or treasury financing for this counterparty. ID values: Y or N
67	ContractAbove	Contract above clearing threshold for this counterparty. ID values: Y or N
68	VolntyRptPty	Voluntary reporting party. When PartySubID(523)=Y, identifies that the trading party is reporting voluntarily when VoluntaryRegulatoryReport(1935)=Y.
69	EndUser	End user. When PartySubID(523)=Y, the counterparty is neither the swap dealer, major swap participant nor financial entity as defined in the regulations.
70	LocationOrJurisdiction	Location or jurisdiction. One or more instances may be used in combination with PartySubIDType(803) = 49 (Reporting entity indicator) or 102 (Data repository) to identify the jurisdiction, countries, regions or provinces for which the party is a reporting entity or data repository when that characteristic is ambiguous or where there are multiple locations. The party sub-ID value is either a jurisdiction acronym, a 2-character ISO 3166 country code, or a hyphenated combination of the country code and the standard post-office abbreviation for province, state or region if necessary. E.g. "US" for United States or "CA-QC" for Quebec Canada.
71	DerivativesDealer	Derivatives dealer. Indicates whether the party is a derivatives dealer or not (Y/N). The Canadian regulator's defined term for identifying the trade counterparty as "a person or company engaging in or holding himself, herself or itself out as engaging in the business of trading in derivatives in Ontario as principal or agent".
72	Domicile	Domicile. Country and optionally province, state or region of domicile. The party sub-ID value is either a 2-character ISO 3166 country code or a hyphenated combination of the country code and the standard post-office abbreviation of province, state or region if necessary. E.g. "US" for United States or "CA-QC" for Quebec Canada.
73	ExemptFromRecognition	Exempt from recognition. Used with party role 21 "Clearing Organization" to indicate exemption (Y/N). Identifies a clearing agency as exempt from oversight in Ontario, i.e. one that 1) only provides limited services and does not present significant risks or 2) is foreign-based, intends to operate in Ontario but is subject to regulatory oversight in another jurisdiction.

Code	Name	Description
74	Payer	Payer. Identifies the party as the payer of a particular payment stream or bullet payment by quoting the stream's StreamDesc(40051) (or LegStreamDesc(40243) or UnderlyingStreamDesc(40542)) or payment's PaymentDesc(43087) in the associated party sub-identifier field.
75	Receiver	Receiver. Identifies the party as the receiver of a particular payment stream or bullet payment by quoting the stream's StreamDesc(40051) (or LegStreamDesc(40243) or UnderlyingStreamDesc(40542)) or payment's PaymentDesc(43087) in the associated party sub-identifier field.
76	SystematicInternaliser	Systematic Internaliser (SI). In the context of ESMA reporting, this is used to indicate whether the specified party is a Systematic Internaliser or not for the security defined in the Instrument component (Y/N).
77	PublishingEntityIndicator	Publishing entity indicator. Indicates the entity obligated or delegated to publish to the market. Set PartySubID(523)=Y if true.
78	FirstName	First name. The first name(s) of a natural person. If multiple names, separate entries by a comma.
79	Surname	Surname. The surname(s) or lastname(s) of a natural person. If multiple names, separate entries by a comma.
80	DateOfBirth	Date of birth. The date of birth of a natural person in the format YYYYMMDD.
81	OrderTransmittingFirm	Order transmitting firm. Identifies whether the party specified in PartyID(448) is the firm that transmitted the order. In the context of RTS 22 Article 4, when "true" the PartySubID(523)=Y shall be set "by the transmitting firm within the transmitting firm's report where conditions for transmission specified in Article 4 were not satisfied."
82	OrderTransmittingFirmBuyer	Order transmitting firm for buyer. Identifies the firm that transmitted the order for the buyer. In the context of ESMA RTS 22, PartySubID(523)=Y is used to indicate the firm identified in PartyID(448) is the firm that transmitted the order for the buyer. "This shall be populated by the receiving firm within the receiving firm's report with the identification code provided by the transmitting firm."

Code	Name	Description
83	OrderTransmitterSeller	Order transmitter for seller. Identifies the order transmitting firm for the seller. In the context of ESMA RTS 22, PartySubID(523)=Y is used to indicate the firm identified in PartyID(448) is the firm that transmitted the order for the seller. "This shall be populated by the receiving firm within the receiving firm's report with the identification code provided by the transmitting firm."
84	LegalEntityIdentifier	Legal Entity Identifier (ISO 17442) LEI
85	SubSectorClassification	Sub-sector classification. Supplemental to party sub-ID type "64" (Company activities) for regulatory reporting. For EU SFTR reporting use the appropriate 4-character code noted in the regulations applying the conditional association rules. See SFTR ITS "Commission Implementing Regulation (EU) 2019/363" Annexes 1 and 2 for values.
86	PartySide	Party side. May be used, when appropriate, to explicitly indicate the transaction side of the party, e.g. Buyer, Seller, Lender, Borrower, Maker, Taker, etc. in the ID. In the context of EU SFTR reporting, use values as required by SFTR, "GIVE" and "TAKE" in the ID, to identify collateral giver and taker.
87	LegalRegistrationCountry	Legal registration country. ISO Country Code where the registered office of the party is located as specified in the LEI reference data.

Used in groups: [UnderlyingProvisionPtysSubGrp](#)

### 170.2.6420 UnderlyingProvisionPtysSubGrp

UnderlyingProvisionPtysSubGrp is a repeating component within the UnderlyingProvisionParties component used to extend information to be reported for the party.

Name	Mult.	Type	Description
NoUnderlyingProvisionPartySubIDs	[1..1]	NumInGroup	
UnderlyingProvisionPartySubID	[0..1]	String	Required if NoUnderlyingProvisionPartySubIDs(42177) > 0.
UnderlyingProvisionPartySubIDType	[0..1]	CodeSet	Required if NoUnderlyingProvisionPartySubIDs(42177) > 0.

Used in groups: [UnderlyingProvisionParties](#)



**170.2.6421 UnderlyingProvisionText**

Free form text to specify additional information or enumeration description when a standard value does not apply.

Type: **String**

Used in groups: **UnderlyingProvisionGrp**

**170.2.6422 UnderlyingProvisionType**

Type of provision.

Type: **int**

Allowed values in ProvisionTypeCodeSet:

Code	Name	Description
0	MandatoryEarlyTermination	Mandatory early termination
1	OptionalEarlyTermination	Optional early termination
2	Cancelable	Cancelable
3	Extendable	Extendable. The contract can be extended by either party usually with a specific time notice prior to the expiry date. In the context of EU SFTR reporting this corresponds to "termination optionality" code "ETSB".
4	MutualEarlyTermination	Mutual early termination
5	Evergreen	Evergreen. The contract automatically renews after the expiry date until one party gives the other notice to terminate. In the context of EU SFTR reporting this corresponds to "termination optionality" code "EGRN".
6	Callable	Callable. Contract is callable.
7	Puttable	Puttable. Contract is puttable.

Used in groups: **UnderlyingProvisionGrp**

**170.2.6423 UnderlyingPutOrCall**

Indicates whether an underlying option contract is a put, call, chooser or undetermined.

Type: **int**

Allowed values in PutOrCallCodeSet:

Code	Name	Description
0	Put	Put. Also used for the case in which the buyer of a Swaption has the right to enter into an IRS contract as a fixed-rate receiver or into a CDS contract as a seller of protection or for the case of a Floor.
1	Call	Call. Also used for the case in which the buyer of a Swaption has the right to enter into an IRS contract as a fixed-rate payer or into a CDS contract as a buyer of protection or for the case of a Cap.
2	Other	Other. In the context of ESMA RTS 22 reporting, this value may be used when, at the time of execution, the option right cannot be determined.
3	Chooser	Chooser. Indicates that the option buyer may choose to buy or sell the underlying security on exercise or if a Swaption to pay or receive the underlying IRS cash flow stream or to buy or sell CDS protection.

Used in components: [UnderlyingInstrument](#)

#### **170.2.6424 UnderlyingPx**

Underlying price associate with a derivative instrument.

Type: [Price](#)

Used in components: [UnderlyingInstrument](#)

#### **170.2.6425 UnderlyingQty**

Unit amount of the underlying security (par, shares, currency, etc.)

Type: [Qty](#)

Used in components: [UnderlyingInstrument](#)

#### **170.2.6426 UnderlyingRateSpreadInitialValue**

Specifies the initial rate spread for a basket underlier.

Type: [float](#)

Used in components: [UnderlyingRateSpreadSchedule](#)

### 170.2.6427 UnderlyingRateSpreadSchedule

UnderlyingRateSpreadSchedule is a subcomponent of UnderlyingInstrument used to specify the rate spread schedule for a basket underlier.

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Name	Mult.	Type	Description
<a href="#">UnderlyingRateSpreadInitialValue</a>	[0..1]	float	
<a href="#">UnderlyingRateSpreadStepGrp</a>	[0..*]	Group	

---

Used in components: [UnderlyingInstrument](#)

### 170.2.6428 UnderlyingRateSpreadStepDate

The date that the rate spread step takes affect.

Type: [LocalMktDate](#)

Used in groups: [UnderlyingRateSpreadStepGrp](#)

### 170.2.6429 UnderlyingRateSpreadStepGrp

UnderlyingRateSpreadStepGrp is a repeating subcomponent of UnderlyingRateSpreadSchedule used to specify the step dates and amounts of a basket spread schedule.

---

Name	Mult.	Type	Description
<a href="#">NoUnderlyingRateSpreadSteps</a>	[1..1]	NumInGroup	
<a href="#">UnderlyingRateSpreadStepDate</a>	[0..1]	LocalMktDate	Required if NoUnderlyingRateSpreadSteps(43005) > 0.
<a href="#">UnderlyingRateSpreadStepValue</a>	[0..1]	float	Required if NoUnderlyingRateSpreadSteps(43005) > 0.

---

Used in components: [UnderlyingRateSpreadSchedule](#)

**170.2.6430 UnderlyingRateSpreadStepValue**

The the value of the new rate spread as of the UnderlyingRateSpreadStepDate(43006).

Type: **float**

Used in groups: **UnderlyingRateSpreadStepGrp**

**170.2.6431 UnderlyingRedemptionDate**

Underlying security's RedemptionDate. See RedemptionDate (240) field for description (Note tag # was reserved in FIX 4.1, added in FIX 4.3) (prior to FIX 4.4 field was of type UTCDate)

Type: **LocalMktDate**

Used in components: **UnderlyingInstrument**

**170.2.6432 UnderlyingReferenceEntityType**

Specifies the type of reference entity for first-to-default CDS basket contracts.

Type: **int**

Allowed values in ReferenceEntityTypeCodeSet:

<b>Code</b>	<b>Name</b>	<b>Description</b>
1	Asian	Asian
2	AustralianNewZealand	Australian and New Zealand
3	EuropeanEmergingMarkets	European emerging markets
4	Japanese	Japanese
5	NorthAmericanHighYield	North American high yield
6	NorthAmericanInsurance	North American insurance
7	NorthAmericanInvestmentGrade	North American investment grade
8	Singaporean	Singaporean
9	WesternEuropean	Western European
10	WesternEuropeanInsurance	Western European insurance

Used in components: **UnderlyingInstrument**

### **170.2.6433 UnderlyingRefID**

Identifies the underlying instrument the entity applies to by referencing the underlying instrument's UnderlyingID(2874).

Type: **String**

Used in groups: **CollateralAmountGrp**

### **170.2.6434 UnderlyingRefTickTableID**

Spread table code referred by the security or symbol.

Type: **int**

Used in components: **UnderlyingInstrument**

### **170.2.6435 UnderlyingRepoCollateralSecurityType**

Underlying security's RepoCollateralSecurityType. See RepoCollateralSecurityType (239) field for description.(Note tag # was reserved in FIX 4.1, added in FIX 4.3)

Type: **String**

Used in components: **UnderlyingInstrument**

### **170.2.6436 UnderlyingRepurchaseRate**

Underlying security's RepurchaseRate. See RepurchaseRate (227) field for description (Note tag # was reserved in FIX 4.1, added in FIX 4.3)

Type: **Percentage**

Used in components: **UnderlyingInstrument**

### **170.2.6437 UnderlyingRepurchaseTerm**

Underlying security's RepurchaseTerm. See RepurchaseTerm (226) field for description (Note tag # was reserved in FIX 4.1, added in FIX 4.3)

Type: **int**

Used in components: **UnderlyingInstrument**

**170.2.6438 UnderlyingRestructuringType**

See RestructuringType(1449)

Type: **String**

Allowed values in RestructuringTypeCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
FR	FullRestructuring	Full Restructuring
MR	ModifiedRestructuring	Modified Restructuring
MM	ModifiedModRestructuring	Modified Mod Restructuring
XR	NoRestructuringSpecified	No Restructuring specified

---

Used in components: **UnderlyingInstrument**

**170.2.6439 UnderlyingReturnRateAmountRelativeTo**

Specifies the reference amount when the return rate amount is relative to another amount in the trade.

See [http://www.fixtradingcommunity.org/codelists#Payment\\_Amount\\_Relative\\_To](http://www.fixtradingcommunity.org/codelists#Payment_Amount_Relative_To) for code list of relative amounts.

Type: **int**

Used in groups: **UnderlyingReturnRateGrp**

**170.2.6440 UnderlyingReturnRateCashFlowType**

Specifies the type of cash flows, e.g. coupon payment, premium fee, settlement fee, etc.

See <http://www.fpml.org/coding-scheme/cashflow-type> for values.

Type: **String**

Used in groups: **UnderlyingReturnRateGrp**

**170.2.6441 UnderlyingReturnRateCommissionAmount**

The commission amount.

Type: **Amt**

Used in groups: **UnderlyingReturnRateGrp**

### **170.2.6442 UnderlyingReturnRateCommissionBasis**

Specifies the basis or unit used to calculate the commission.

Type: **char**

Allowed values in CommTypeCodeSet:

<b>Code</b>	<b>Name</b>	<b>Description</b>
1	PerUnit	Amount per unit. Implying shares, par, currency, physical unit etc. Use CommissionUnitOfMeasure(1238) to clarify for commodities.
2	Percent	Percent
3	Absolute	Absolute. Total monetary amount.
4	PercentageWaivedCashDiscount	Percentage waived, cash discount basis. For use with CIV buy orders.
5	PercentageWaivedEnhancedUnits	Percentage waived, enhanced units basis. For use with CIV buy orders.
6	PointsPerBondOrContract	Points per bond or contract. Specify ContractMultiplier(231) in the Instrument component if the security is denominated in a size other than the market convention, e.g. 1000 par for bonds.
7	BasisPoints	Basis points. The commission is expressed in basis points in reference to the gross price of the reference asset.
8	AmountPerContract	Amount per contract. Specify ContractMultiplier(231) in the Instrument component if the security is denominated in a size other than the market convention.

Used in groups: **UnderlyingReturnRateGrp**

### **170.2.6443 UnderlyingReturnRateCommissionCurrency**

Specifies the currency the commission amount is denominated in. Uses ISO 4217 currency codes.

Type: **Currency**

Used in groups: **UnderlyingReturnRateGrp**

**170.2.6444 UnderlyingReturnRateDateGrp**

UnderlyingReturnRateDateGrp is a repeating subcomponent within the UnderlyingReturnRateGrp component. It is used to specify the equity and dividend valuation dates for an equity return swap payment stream.

Name	Mult.	Type	Description
NoUnderlyingReturnRateDates	[1..1]	NumInGroup	
UnderlyingReturnRateDateMode	[0..1]	CodeSet	Required if NoUnderlyingReturnRateDates(43008) > 0.
UnderlyingReturnRateValuationDate-Grp	[0..*]	Group	
UnderlyingReturnRateValuation-DateRelativeTo	[0..1]	int	
UnderlyingReturnRateValuationDate-OffsetPeriod	[0..1]	int	Conditionally required when UnderlyingReturnRateValuationDateOffsetUnit(43012) is specified.
UnderlyingReturnRateValuationDate-OffsetUnit	[0..1]	CodeSet	Conditionally required when UnderlyingReturnRateValuationDateOffsetPeriod(43011) is specified.
UnderlyingReturnRateValuationDate-OffsetDayType	[0..1]	CodeSet	
UnderlyingReturnRateValuationStart-DateUnadjusted	[0..1]	LocalMktDate	
UnderlyingReturnRateValuationStart-DateRelativeTo	[0..1]	int	
UnderlyingReturnRateValuationStart-DateOffsetPeriod	[0..1]	int	Conditionally required when UnderlyingReturnRateValuationStartDateOffsetUnit(43017) is specified.
UnderlyingReturnRateValuationStart-DateOffsetUnit	[0..1]	CodeSet	Conditionally required when UnderlyingReturnRateValuationStartDateOffsetPeriod(43016) is specified.
UnderlyingReturnRateValuationStart-DateOffsetDayType	[0..1]	CodeSet	
UnderlyingReturnRateValuationStart-DateAdjusted	[0..1]	LocalMktDate	
UnderlyingReturnRateValuationEnd-DateUnadjusted	[0..1]	LocalMktDate	
UnderlyingReturnRateValuationEnd-DateRelativeTo	[0..1]	int	



Name	Mult.	Type	Description
<a href="#">UnderlyingReturnRateValuationEndDateOffsetPeriod</a>	[0..1]	int	Conditionally required when <a href="#">UnderlyingReturnRateValuationEndDateOffsetUnit(43023)</a> is specified.
<a href="#">UnderlyingReturnRateValuationEndDateOffsetUnit</a>	[0..1]	CodeSet	Conditionally required when <a href="#">UnderlyingReturnRateValuationEndDateOffsetPeriod(43022)</a> is specified.
<a href="#">UnderlyingReturnRateValuationEndDateOffsetDayType</a>	[0..1]	CodeSet	
<a href="#">UnderlyingReturnRateValuationEndDateAdjusted</a>	[0..1]	LocalMktDate	
<a href="#">UnderlyingReturnRateValuationFrequencyPeriod</a>	[0..1]	int	Conditionally required when <a href="#">UnderlyingReturnRateValuationFrequencyUnit(43027)</a> is specified.
<a href="#">UnderlyingReturnRateValuationFrequencyUnit</a>	[0..1]	CodeSet	Conditionally required when <a href="#">UnderlyingReturnRateValuationFrequencyPeriod(43026)</a> is specified.
<a href="#">UnderlyingReturnRateValuationFrequencyRollConvention</a>	[0..1]	CodeSet	When specified, this overrides the date roll convention defined in the <a href="#">UnderlyingDateAdjustment</a> component in <a href="#">UnderlyingInstrument</a> . The specified values would be specific to this instance of the return rate dates.
<a href="#">UnderlyingReturnRateValuationDateBusinessDayConvention</a>	[0..1]	CodeSet	When specified, this overrides the business day convention defined in the <a href="#">UnderlyingDateAdjustment</a> component in <a href="#">UnderlyingInstrument</a> . The specified value would be specific to payment stream return rate valuation dates.
<a href="#">UnderlyingReturnRateValuationDateBusinessCenterGrp</a>	[0..*]	Group	When specified, this overrides the business day convention defined in the <a href="#">UnderlyingDateAdjustment</a> component in <a href="#">UnderlyingInstrument</a> . The specified values would be specific to payment stream return rate valuation dates.

Used in groups: [UnderlyingReturnRateGrp](#)

### 170.2.6445 UnderlyingReturnRateDateMode

Specifies the valuation type applicable to the return rate date.

Type: int

Allowed values in ReturnRateDateModeCodeSet:

Code	Name	Description
0	PriceValuation	Price valuation
1	DividendValuation	Dividend valuation

Used in groups: [UnderlyingReturnRateDateGrp](#)

### **170.2.6446 UnderlyingReturnRateDeterminationMethod**

Specifies the method by which the underlier prices are determined.

See <http://www.fpml.org/coding-scheme/determination-method> for values.

Type: [String](#)

Used in groups: [UnderlyingReturnRateGrp](#)

### **170.2.6447 UnderlyingReturnRateFinalPriceFallback**

Specifies the fallback provision for the hedging party in the determination of the final price.

Type: [int](#)

Allowed values in ComplexEventPVFinalPriceElectionFallbackCodeSet:

Code	Name	Description
0	Close	Close. In respect of the "early final valuation date", the provisions for "future present value close" shall apply.
1	HedgeElection	Hedge election. In respect of the "early final valuation date", the provisions for "future present value hedge execution" shall apply.

Used in groups: [UnderlyingReturnRateGrp](#)

### **170.2.6448 UnderlyingReturnRateFXConversionGrp**

[UnderlyingReturnRateFXConversionGrp](#) is a repeating subcomponent within the [UnderlyingReturnRateGrp](#) component. It is used to specify the FX conversion rates for an equity return swap payment stream.

Name	Mult.	Type	Description
NoUnderlyingReturnRateFXConversions	[1..1]	NumInGroup	
UnderlyingReturnRateFXCurrencySymbol	[0..1]	String	Required if NoUnderlyingReturnRateFXConversions(43030) > 0.
UnderlyingReturnRateFXRate	[0..1]	float	Required if NoUnderlyingReturnRateFXConversions(43030) > 0.
UnderlyingReturnRateFXRateCalc	[0..1]	CodeSet	

Used in groups: [UnderlyingReturnRateGrp](#)

#### 170.2.6449 UnderlyingReturnRateFXCurrencySymbol

Specifies the currency pair for the FX conversion expressed using the CCY1/CCY2 convention. Uses ISO 4217 currency codes.

Type: [String](#)

Used in groups: [UnderlyingReturnRateFXConversionGrp](#)

#### 170.2.6450 UnderlyingReturnRateFXRate

The rate of exchange between the two currencies specified in UnderlyingReturnRateFXCurrencySymbol(43031).

Type: [float](#)

Used in groups: [UnderlyingReturnRateFXConversionGrp](#)

#### 170.2.6451 UnderlyingReturnRateFXRateCalc

Specifies whether UnderlyingReturnRateFXRate(43032) should be multiplied or divided.

Type: [char](#)

Allowed values in [SettlCurrFxRateCalcCodeSet](#):

Code	Name	Description
M	Multiply	Multiply
D	Divide	Divide

Used in groups: [UnderlyingReturnRateFXConversionGrp](#)

### 170.2.6452 UnderlyingReturnRateGrp

UnderlyingReturnRateGrp is a repeating subcomponent within the UnderlyingPaymentStreamFloatingRate component. It is used to specify the multiple return rates for an equity return swap payment stream.

Name	Mult.	Type	Description
NoUnderlyingReturnRates	[1..1]	NumInGroup	
UnderlyingReturnRatePriceSequence	[0..1]	CodeSet	Required if NoUnderlyingReturnRates(43034) > 0.
UnderlyingReturnRateCommissionBasis	[0..1]	CodeSet	
UnderlyingReturnRateCommissionAmount	[0..1]	Amt	
UnderlyingReturnRateCommissionCurrency	[0..1]	Currency	If not specified, this is defaulted to the reporting currency.
UnderlyingReturnRateTotalCommissionPerTrade	[0..1]	Amt	
UnderlyingReturnRateDeterminationMethod	[0..1]	String	
UnderlyingReturnRatePriceGrp	[0..*]	Group	
UnderlyingReturnRateFXConversionGrp	[0..*]	Group	
UnderlyingReturnRateAmountRelativeTo	[0..1]	int	
UnderlyingReturnRateQuoteMeasureType	[0..1]	String	
UnderlyingReturnRateQuoteUnits	[0..1]	String	
UnderlyingReturnRateQuoteMethod	[0..1]	CodeSet	
UnderlyingReturnRateQuoteCurrency	[0..1]	Currency	
UnderlyingReturnRateQuoteCurrencyType	[0..1]	String	

Name	Mult.	Type	Description
<a href="#">UnderlyingReturnRateQuoteTimeType</a>	[0..1]	CodeSet	Mutually exclusive with <a href="#">UnderlyingReturnRateQuoteTime(43048)</a> .
<a href="#">UnderlyingReturnRateQuoteTime</a>	[0..1]	LocalMktDate	Mutually exclusive with <a href="#">UnderlyingReturnRateQuoteTimeType(43047)</a> .
<a href="#">UnderlyingReturnRateQuoteDate</a>	[0..1]	LocalMktDate	
<a href="#">UnderlyingReturnRateQuoteExpirationTime</a>	[0..1]	LocalMktTime	
<a href="#">UnderlyingReturnRateQuoteBusinessCenter</a>	[0..1]	String	
<a href="#">UnderlyingReturnRateQuoteExchange</a>	[0..1]	Exchange	
<a href="#">UnderlyingReturnRateInformationSourceGrp</a>	[0..*]	Group	
<a href="#">UnderlyingReturnRateQuotePricingModel</a>	[0..1]	String	
<a href="#">UnderlyingReturnRateCashFlowType</a>	[0..1]	String	
<a href="#">UnderlyingReturnRateDateGrp</a>	[0..*]	Group	
<a href="#">UnderlyingReturnRateValuationTimeType</a>	[0..1]	CodeSet	Mutually exclusive with <a href="#">UnderlyingReturnRateValuationTime(43056)</a>
<a href="#">UnderlyingReturnRateValuationTime</a>	[0..1]	LocalMktTime	Mutually exclusive with <a href="#">UnderlyingReturnRateValuationTimeType(43055)</a> .
<a href="#">UnderlyingReturnRateValuationTimeBusinessCenter</a>	[0..1]	String	
<a href="#">UnderlyingReturnRateValuationPriceOption</a>	[0..1]	CodeSet	
<a href="#">UnderlyingReturnRateFinalPriceFallback</a>	[0..1]	CodeSet	

Used in components: [UnderlyingPaymentStreamFloatingRate](#)

### 170.2.6453 UnderlyingReturnRateInformationSource

Identifies the source of rate information. For FX the references source to be used for the FX spot rate.

Type: [int](#)

Allowed values in RateSourceCodeSet:

Code	Name	Description
0	Bloomberg	Bloomberg
1	Reuters	Reuters
2	Telerate	Telerate
3	ISDARateOption	ISDA Settlement Rate Option. The source of the currency conversion as specified by the ISDA terms in Annex A to the 1998 FX and Currency Option Definitions. See <a href="http://www.fpml.org/coding-scheme/settlement-rate-option">http://www.fpml.org/coding-scheme/settlement-rate-option</a>
99	Other	Other

Used in groups: [UnderlyingReturnRateInformationSourceGrp](#)

#### 170.2.6454 UnderlyingReturnRateInformationSourceGrp

UnderlyingReturnRateInformationSourceGrp is a repeating subcomponent within the UnderlyingReturnRateGrp component. It is used to specify the information sources for equity prices and FX rates for an equity return swap payment stream.

Name	Mult.	Type	Description
<a href="#">NoUnderlyingReturnRateInformationSources</a>	[1..1]	NumInGroup	
<a href="#">UnderlyingReturnRateInformationSource</a>	[0..1]	CodeSet	Required if <a href="#">NoUnderlyingReturnRateInformationSources(43060)</a> > 0.
<a href="#">UnderlyingReturnRateReferencePage</a>	[0..1]	String	
<a href="#">UnderlyingReturnRateReferencePageHeading</a>	[0..1]	String	

Used in groups: [UnderlyingReturnRateGrp](#)

#### 170.2.6455 UnderlyingReturnRateNotionalReset

Indicates whether the term "Equity Notional Reset" as defined in the ISDA 2002 Equity Derivatives Definitions is applicable ("Y") or not.

Type: [Boolean](#)

Used in components: [UnderlyingPaymentStreamFloatingRate](#)

**170.2.6456 UnderlyingReturnRatePrice**

Specifies the price of the underlying swap asset.

Type: **Price**

Used in groups: **UnderlyingReturnRatePriceGrp**

**170.2.6457 UnderlyingReturnRatePriceBasis**

The basis of the return price.

Type: **int**

Allowed values in ReturnRatePriceBasisCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	Gross	Gross.
1	Net	Net
2	Accrued	Accrued
3	CleanNet	Clean net

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Used in groups: **UnderlyingReturnRatePriceGrp**

**170.2.6458 UnderlyingReturnRatePriceCurrency**

Specifies the currency of the price of the underlying swap asset. Uses ISO 4217 currency codes.

Type: **Currency**

Used in groups: **UnderlyingReturnRatePriceGrp**

**170.2.6459 UnderlyingReturnRatePriceGrp**

UnderlyingReturnRatePriceGrp is a repeating subcomponent within the UnderlyingReturnRateGrp component. It is used to specify the return rate prices for an equity return swap payment stream.

---

<b>Name</b>	<b>Mult.</b>	<b>Type</b>	<b>Description</b>
<b>NoUnderlyingReturnRatePrices</b>	[1..1]	NumInGroup	

---

Name	Mult.	Type	Description
<a href="#">UnderlyingReturnRatePriceBasis</a>	[0..1]	CodeSet	Required if NoUnderlyingReturnRatePrices(43064) > 0.
<a href="#">UnderlyingReturnRatePrice</a>	[0..1]	Price	
<a href="#">UnderlyingReturnRatePriceCurrency</a>	[0..1]	Currency	
<a href="#">UnderlyingReturnRatePriceType</a>	[0..1]	CodeSet	

Used in groups: [UnderlyingReturnRateGrp](#)

### 170.2.6460 UnderlyingReturnRatePriceSequence

Specifies the type of price sequence of the return rate.

Type: [int](#)

Allowed values in ReturnRatePriceSequenceCodeSet:

Code	Name	Description
0	Initial	Initial
1	Interim	Interim
2	Final	Final

Used in groups: [UnderlyingReturnRateGrp](#)

### 170.2.6461 UnderlyingReturnRatePriceType

Specifies whether the UnderlyingReturnRatePrice(43066) is expressed in absolute or relative terms.

Type: [int](#)

Allowed values in ReturnRatePriceTypeCodeSet:

Code	Name	Description
0	AbsoluteTerms	Absolute terms
1	PercentageOfNotional	Percentage of notional

Used in groups: [UnderlyingReturnRatePriceGrp](#)



### **170.2.6462 UnderlyingReturnRateQuoteBusinessCenter**

The business center calendar used for adjustments associated with UnderlyingReturnRateQuoteTimeType(43047) or UnderlyingReturnRateQuoteTime(43048) and UnderlyingReturnRateQuoteDate(43049), e.g. "GBLO".

See <http://www.fpml.org/coding-scheme/business-center> for standard 4-character code values.

Type: **String**

Used in groups: **UnderlyingReturnRateGrp**

### **170.2.6463 UnderlyingReturnRateQuoteCurrency**

Specifies the currency the return rate quote is denominated in. Uses ISO 4217 Currency Code.

Type: **Currency**

Used in groups: **UnderlyingReturnRateGrp**

### **170.2.6464 UnderlyingReturnRateQuoteCurrencyType**

Specifies the type of currency, e.g. settlement currency, base currency, etc., that the quote is reported in.

See <http://www.fpml.org/coding-scheme/reporting-currency-type> for values.

Type: **String**

Used in groups: **UnderlyingReturnRateGrp**

### **170.2.6465 UnderlyingReturnRateQuoteDate**

The date when the quote is to be generated.

Type: **LocalMktDate**

Used in groups: **UnderlyingReturnRateGrp**

### **170.2.6466 UnderlyingReturnRateQuoteExchange**

Specifies the exchange (e.g. stock or listed futures/options exchange) from which the quote is obtained.

Type: **Exchange**

Used in groups: **UnderlyingReturnRateGrp**

### **170.2.6467 UnderlyingReturnRateQuoteExpirationTime**

The time when the quote ceases to be valid.

Type: **LocalMktTime**

Used in groups: **UnderlyingReturnRateGrp**

### **170.2.6468 UnderlyingReturnRateQuoteMeasureType**

Specifies the type of the measure applied to the return rate's asset, e.g. valuation, sensitivity risk. This could be an NPV, a cash flow, a clean price, etc.

See <http://www.fpml.org/coding-scheme/asset-measure> for values.

Type: **String**

Used in groups: **UnderlyingReturnRateGrp**

### **170.2.6469 UnderlyingReturnRateQuoteMethod**

Specifies the type of quote used to determine the return rate of the swap.

Type: **int**

Allowed values in CashSettlQuoteMethodCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	Bid	Bid
1	Mid	Mid
2	Offer	Offer

---

Used in groups: **UnderlyingReturnRateGrp**

**170.2.6470 UnderlyingReturnRateQuotePricingModel**

Specifies the pricing model used to evaluate the underlying asset price.

See <http://www.fpml.org/coding-scheme/pricing-model> for values.

Type: **String**

Used in groups: **UnderlyingReturnRateGrp**

**170.2.6471 UnderlyingReturnRateQuoteTime**

The time when the quote is to be generated.

Type: **LocalMktDate**

Used in groups: **UnderlyingReturnRateGrp**

**170.2.6472 UnderlyingReturnRateQuoteTimeType**

Specifies how or the timing when the quote is to be obtained.

Type: **int**

Allowed values in ReturnRateQuoteTimeTypeCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	Open	Open. The official opening time of the exchange on valuation date.
1	OfficialSettlPx	Official settlement price time. The time at which the official settlement price is determined.
2	Xetra	XETRA. The time at which the official settlement price (following the auction by the exchange) is determined by the exchange.
3	Close	Close. The official closing time of the exchange on valuation date.
4	DerivativesClose	Derivatives close. The official closing time for derivative trading of the exchange on valuation date.
5	High	High. The high price for the day.
6	Low	Low. The low price for the day.
7	AsSpecifiedInMasterConfirmation	As specified in the master confirmation

---

Used in groups: **UnderlyingReturnRateGrp**

#### **170.2.6473 UnderlyingReturnRateQuoteUnits**

Specifies the units that the measure is expressed in. If not specified, the default is a price/value in currency units.

See <http://www.fpml.org/coding-scheme/price-quote-units> for values.

Type: **String**

Used in groups: **UnderlyingReturnRateGrp**

#### **170.2.6474 UnderlyingReturnRateReferencePage**

Identifies the reference "page" from the rate source.

For FX, the reference page to the spot rate to be used for the reference FX spot rate.

When `UnderlyingReturnRateInformationSource(43061) = 3` (ISDA Settlement Rate Option) this contains the value from the scheme that reflects the terms of the Annex A to the ISDA 1998 FX and Currency Option Definitions.

See: <http://www.fpml.org/coding-scheme/settlement-rate-option>

Type: **String**

Used in groups: **UnderlyingReturnRateInformationSourceGrp**

#### **170.2.6475 UnderlyingReturnRateReferencePageHeading**

Identifies the page heading from the rate source.

Type: **String**

Used in groups: **UnderlyingReturnRateInformationSourceGrp**

#### **170.2.6476 UnderlyingReturnRateTotalCommissionPerTrade**

The total commission per trade.

Type: **Amt**

Used in groups: **UnderlyingReturnRateGrp**

**170.2.6477 UnderlyingReturnRateValuationDate**

The return rate valuation date. Type of date is specified in UnderlyingReturnRateValuationDateType(43073).

Type: [LocalMktDate](#)

Used in groups: [UnderlyingReturnRateValuationDateGrp](#)

**170.2.6478 UnderlyingReturnRateValuationDateBusinessCenter**

The business center calendar used for date adjustment of the return rate valuation unadjusted or relative dates, e.g. "GBLO".

See <http://www.fpml.org/coding-scheme/business-center> for standard 4-character code values.

Type: [String](#)

Used in groups: [UnderlyingReturnRateValuationDateBusinessCenterGrp](#)

**170.2.6479 UnderlyingReturnRateValuationDateBusinessCenterGrp**

UnderlyingReturnRateValuationDateBusinessCenterGrp is a repeating subcomponent within the UnderlyingReturnRateValuationDateGrp component. It is used to specify the valuation date business center adjustments for an equity return swap payment stream.

Name	Mult.	Type	Description
<a href="#">NoUnderlyingReturnRateValuationDateBusinessCenters</a>	[1..1]	NumInGroup	
<a href="#">UnderlyingReturnRateValuationDateBusinessCenter</a>	[0..1]	String	Required if <a href="#">NoUnderlyingReturnRateValuationDateBusinessCenters(43069)</a> > 0.

Used in groups: [UnderlyingReturnRateDateGrp](#)

**170.2.6480 UnderlyingReturnRateValuationDateBusinessDayConvention**

The return rate valuation dates business day convention.

Type: [int](#)

Allowed values in BusinessDayConventionCodeSet:

Code	Name	Description
0	NotApplicable	Not applicable. Business day convention is not applicable.
1	None	None (current day)
2	FollowingDay	Following day. The following business day.
3	FloatingRateNote	Floating rate note. The FRN business day convention.
4	ModifiedFollowingDay	Modified following day. The modified following business day.
5	PrecedingDay	Preceding day. The preceding business day.
6	ModifiedPrecedingDay	Modified preceding day. The modified preceding business day.
7	NearestDay	Nearest day. The nearest applicable business day.

Used in groups: [UnderlyingReturnRateDateGrp](#)

### 170.2.6481 UnderlyingReturnRateValuationDateGrp

UnderlyingReturnRateValuationDateGrp is a repeating subcomponent within the UnderlyingReturnRateDateGrp component. It is used to specify the fixed valuation dates for an equity return swap payment stream.

Name	Mult.	Type	Description
<a href="#">NoUnderlyingReturnRateValuationDates</a>	[1..1]	NumInGroup	
<a href="#">UnderlyingReturnRateValuationDate</a>	[0..1]	LocalMktDate	Required if <a href="#">NoUnderlyingReturnRateValuationDates(43071)</a> > 0.
<a href="#">UnderlyingReturnRateValuationDateType</a>	[0..1]	CodeSet	When specified it applies not only to the current date instance but to all subsequent date instances in the group until overridden when a new type is specified.

Used in groups: [UnderlyingReturnRateDateGrp](#)

### 170.2.6482 UnderlyingReturnRateValuationDateOffsetDayType

Specifies the day type of the relative return rate valuation date offset.

Type: [int](#)

Allowed values in PaymentStreamPaymentDateOffsetDayTypeCodeSet:

Code	Name	Description
0	Business	Business
1	Calendar	Calendar
2	CommodityBusiness	Commodity business
3	CurrencyBusiness	Currency business
4	ExchangeBusiness	Exchange business
5	ScheduledTradingDay	Scheduled trading day

Used in groups: [UnderlyingReturnRateDateGrp](#)

#### **170.2.6483 UnderlyingReturnRateValuationDateOffsetPeriod**

Time unit multiplier for the relative return rate valuation date offset.

Type: [int](#)

Used in groups: [UnderlyingReturnRateDateGrp](#)

#### **170.2.6484 UnderlyingReturnRateValuationDateOffsetUnit**

Time unit associated with the relative return rate valuation date offset.

Type: [String](#)

Allowed values in PaymentStreamPaymentDateOffsetUnitCodeSet:

Code	Name	Description
D	Day	Day
Wk	Week	Week
Mo	Month	Month
Yr	Year	Year

Used in groups: [UnderlyingReturnRateDateGrp](#)

**170.2.6485 UnderlyingReturnRateValuationDateRelativeTo**

Specifies the anchor date when the return rate valuation dates are relative to an anchor date.

See [http://www.fixtradingcommunity.org/codelists#Relative\\_To\\_Date](http://www.fixtradingcommunity.org/codelists#Relative_To_Date) for values.

Type: **int**

Used in groups: **UnderlyingReturnRateDateGrp**

**170.2.6486 UnderlyingReturnRateValuationDateType**

Specifies the type of return rate valuation date (e.g. adjusted for holidays).

Type: **int**

Allowed values in NonDeliverableFixingDateTypeCodeSet:

Code	Name	Description
0	Unadjusted	Unadjusted
1	Adjusted	Adjusted

Used in groups: **UnderlyingReturnRateValuationDateGrp**

**170.2.6487 UnderlyingReturnRateValuationEndDateAdjusted**

The adjusted end date for return rate valuation. This can be used to restrict the range of dates when they are relative.

Type: **LocalMktDate**

Used in groups: **UnderlyingReturnRateDateGrp**

**170.2.6488 UnderlyingReturnRateValuationEndDateOffsetDayType**

Specifies the day type of the relative return rate valuation end date offset.

Type: **int**

Allowed values in PaymentStreamPaymentDateOffsetDayTypeCodeSet:



---

Code	Name	Description
0	Business	Business
1	Calendar	Calendar
2	CommodityBusiness	Commodity business
3	CurrencyBusiness	Currency business
4	ExchangeBusiness	Exchange business
5	ScheduledTradingDay	Scheduled trading day

---

Used in groups: [UnderlyingReturnRateDateGrp](#)

### **170.2.6489 UnderlyingReturnRateValuationEndDateOffsetPeriod**

Time unit multiplier for the relative return rate valuation end date offset.

Type: [int](#)

Used in groups: [UnderlyingReturnRateDateGrp](#)

### **170.2.6490 UnderlyingReturnRateValuationEndDateOffsetUnit**

Time unit associated with the relative return rate valuation end date offset.

Type: [String](#)

Allowed values in PaymentStreamPaymentDateOffsetUnitCodeSet:

---

Code	Name	Description
D	Day	Day
Wk	Week	Week
Mo	Month	Month
Yr	Year	Year

---

Used in groups: [UnderlyingReturnRateDateGrp](#)

### **170.2.6491 UnderlyingReturnRateValuationEndDateRelativeTo**

Specifies the anchor date when the return rate valuation end date is relative to an anchor date.

See [http://www.fixtradingcommunity.org/codelists#Relative\\_To\\_Date](http://www.fixtradingcommunity.org/codelists#Relative_To_Date) for values.

Type: **int**

Used in groups: **UnderlyingReturnRateDateGrp**

### **170.2.6492 UnderlyingReturnRateValuationEndDateUnadjusted**

The unadjusted end date for return rate valuation. This can be used to restrict the range of dates when they are relative.

Type: **LocalMktDate**

Used in groups: **UnderlyingReturnRateDateGrp**

### **170.2.6493 UnderlyingReturnRateValuationFrequencyPeriod**

Time unit multiplier for the frequency at which return rate valuation dates occur.

Type: **int**

Used in groups: **UnderlyingReturnRateDateGrp**

### **170.2.6494 UnderlyingReturnRateValuationFrequencyRollConvention**

The convention for determining the sequence of return rate valuation dates. It is used in conjunction with a specified frequency.

Type: **String**

Allowed values in DateRollConventionCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
1	FirstDay	1st day of the month
2	SecondDay	2nd day of the month
3	ThirdDay	3rd day of the month
4	FourthDay	4th day of the month
5	FifthDay	5th day of the month
6	SixthDay	6thd day of the month
7	SeventhDay	7th day of the month
8	EighthDay	8th day of the month

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
9	NinthDay	9th day of the month
10	TenthDay	10th day of the month
11	EleventhDay	11th day of the month
12	TwelvthDay	12th day of the month
13	ThirteenthDay	13th day of the month
14	ForteenthDay	14th day of the month
15	FifteenthDay	15th day of the month
16	SixteenthDay	16th day of the month
17	SeventeenthDay	17th day of the month
18	EighteenthDay	18th day of the month
19	NineteenthDay	19th day of the month
20	TwentiethDay	20th day of the month
21	TwentyFirstDay	21st day of the month
22	TwentySecondDay	22nd day of the month
23	TwentyThirdDay	23rd day of the month
24	TwentyFourthDay	24th day of the month
25	TwentyFifthDay	25th day of the month
26	TwentySixthDay	26th day of the month
27	TwentySeventhDay	27th day of the month
28	TwentyEigthDa28y	28th day of the month
29	TwentyNinthDay	29th day of the month
30	ThirtiethDay	30th day of the month
EOM	EOM	The end of the month. Use EOM for 31st day of the month.
FRN	FRN	The floating rate note convention or Eurodollar convention.
IMM	IMM	The International Money Market settlement date, i.e. the 3rd Wednesday of the month.
IMMCAD	IMMCAD	The last trading day/expiration day of the Canadian Derivatives Exchange.
IMMAUD	IMMAUD	The last trading day of the Sydney Futures Exchange Australian 90-day bank accepted bill futures contract.
IMMNZD	IMMNZD	The last trading day of the Sydney Futures Exchange New Zealand 90-day bank bill futures contract.
SFE	SFE	The Sydney Futures Exchange 90-day bank accepted bill futures settlement dates.
NONE	NONE	No adjustment

---

Code	Name	Description
TBILL	TBILL	The 13-week and 26-week U.S. Treasury Bill auction dates.
MON	MON	Monday
TUE	TUE	Tuesday
WED	WED	Wednesday
THU	THU	Thursday
FRI	FRI	Friday
SAT	SAT	Saturday
SUN	SUN	Sunday

---

Used in groups: [UnderlyingReturnRateDateGrp](#)

#### **170.2.6495 UnderlyingReturnRateValuationFrequencyUnit**

Time unit associated with the frequency at which return rate valuation dates occur.

Type: [String](#)

Allowed values in CouponFrequencyUnitCodeSet:

---

Code	Name	Description
D	Day	Day
Wk	Week	Week
Mo	Month	Month
Yr	Year	Year
H	Hour	Hour
Min	Minute	Minute
S	Second	Second
T	Term	Term

---

Used in groups: [UnderlyingReturnRateDateGrp](#)

#### **170.2.6496 UnderlyingReturnRateValuationPriceOption**

Indicates whether an ISDA price option applies, and if applicable which type of price.

Type: [int](#)

Allowed values in ReturnRateValuationPriceOptionCodeSet:

Code	Name	Description
0	None	None (the default)
1	FuturesPrice	Futures price. The official settlement price as announced by the related futures exchange is applicable.
2	OptionsPrice	Options price. The official settlement price as announced by the related options exchange is applicable.

Used in groups: [UnderlyingReturnRateGrp](#)

### 170.2.6497 UnderlyingReturnRateValuationStartDateAdjusted

The adjusted start date for return rate valuation. This can be used to restrict the range of dates when they are relative.

Type: [LocalMktDate](#)

Used in groups: [UnderlyingReturnRateDateGrp](#)

### 170.2.6498 UnderlyingReturnRateValuationStartDateOffsetDayType

Specifies the day type of the relative return rate valuation start date offset.

Type: [int](#)

Allowed values in PaymentStreamPaymentDateOffsetDayTypeCodeSet:

Code	Name	Description
0	Business	Business
1	Calendar	Calendar
2	CommodityBusiness	Commodity business
3	CurrencyBusiness	Currency business
4	ExchangeBusiness	Exchange business
5	ScheduledTradingDay	Scheduled trading day

Used in groups: [UnderlyingReturnRateDateGrp](#)

**170.2.6499 UnderlyingReturnRateValuationStartDateOffsetPeriod**

Time unit multiplier for the relative return rate valuation start date offset.

Type: **int**

Used in groups: **UnderlyingReturnRateDateGrp**

**170.2.6500 UnderlyingReturnRateValuationStartDateOffsetUnit**

Time unit associated with the relative return rate valuation start date offset.

Type: **String**

Allowed values in PaymentStreamPaymentDateOffsetUnitCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
D	Day	Day
Wk	Week	Week
Mo	Month	Month
Yr	Year	Year

---

Used in groups: **UnderlyingReturnRateDateGrp**

**170.2.6501 UnderlyingReturnRateValuationStartDateRelativeTo**

Specifies the anchor date when the return rate valuation start date is relative to an anchor date.

See [http://www.fixtradingcommunity.org/codelists#Relative\\_To\\_Date](http://www.fixtradingcommunity.org/codelists#Relative_To_Date) for values.

Type: **int**

Used in groups: **UnderlyingReturnRateDateGrp**

**170.2.6502 UnderlyingReturnRateValuationStartDateUnadjusted**

The unadjusted start date for return rate valuation. This can be used to restrict the range of dates when they are relative.

Type: **LocalMktDate**

Used in groups: **UnderlyingReturnRateDateGrp**

**170.2.6503 UnderlyingReturnRateValuationTime**

The time at which the calculation agent values the underlying asset.

Type: [LocalMktTime](#)

Used in groups: [UnderlyingReturnRateGrp](#)

**170.2.6504 UnderlyingReturnRateValuationTimeBusinessCenter**

The business center calendar used for adjustments associated with UnderlyingReturnRateValuationTimeType(43055) or UnderlyingReturnRateValuationTime(43056) , e.g. "GBLO".

See <http://www.fpml.org/coding-scheme/business-center> for standard 4-character code values.

Type: [String](#)

Used in groups: [UnderlyingReturnRateGrp](#)

**170.2.6505 UnderlyingReturnRateValuationTimeType**

Specifies the timing at which the calculation agent values the underlying.

Type: [int](#)

Allowed values in ReturnRateQuoteTimeTypeCodeSet:

Code	Name	Description
0	Open	Open. The official opening time of the exchange on valuation date.
1	OfficialSettlePx	Official settlement price time. The time at which the official settlement price is determined.
2	Xetra	XETRA. The time at which the official settlement price (following the auction by the exchange) is determined by the exchange.
3	Close	Close. The official closing time of the exchange on valuation date.
4	DerivativesClose	Derivatives close. The official closing time for derivative trading of the exchange on valuation date.
5	High	High. The high price for the day.
6	Low	Low. The low price for the day.
7	AsSpecifiedInMasterConfirmation	As specified in the master confirmation

Used in groups: [UnderlyingReturnRateGrp](#)

**170.2.6506 UnderlyingReturnTrigger**

Indicates the type of return or payout trigger for the swap or forward.

Type: **int**

Allowed values in ReturnTriggerCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
1	Dividend	Dividend
2	Variance	Variance
3	Volatility	Volatility
4	TotalReturn	Total return
5	ContractForDifference	Contract for difference
6	CreditDefault	Credit default
7	SpreadBet	Spread bet
8	Price	Price
9	ForwardPriceUnderlyingInstrument	Forward price of underlying instrument
99	Other	Other

---

Used in components: **UnderlyingInstrument**

**170.2.6507 UnderlyingSecondaryAssetClass**

The broad asset category for assessing risk exposure for a multi-asset trade.

Type: **int**

Allowed values in AssetClassCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
1	InterestRate	Interest rate
2	Currency	Currency
3	Credit	Credit
4	Equity	Equity
5	Commodity	Commodity
6	Other	Other
7	Cash	Cash

---



Code	Name	Description
8	Debt	Debt
9	Fund	Fund. Such as mutual fund, collective investment vehicle, investment program, specialized account program.
10	LoanFacility	Loan facility
11	Index	Index. A main index identified as a security type, for example under EU SFTR reporting.

Used in groups: [UnderlyingSecondaryAssetGrp](#)

### 170.2.6508 UnderlyingSecondaryAssetGrp

UnderlyingSecondaryAssetGrp is a repeating subcomponent of the UnderlyingInstrument component used to specify secondary assets of a multi-asset swap.

Name	Mult.	Type	Description
<a href="#">NoUnderlyingSecondaryAssetClasses</a>	[1..1]	NumInGroup	
<a href="#">UnderlyingSecondaryAssetClass</a>	[0..1]	CodeSet	Required if <a href="#">NoUnderlyingSecondaryAssetClasses(2080)</a> > 0.
<a href="#">UnderlyingSecondaryAssetSubClass</a>	[0..1]	CodeSet	Required if <a href="#">UnderlyingSecondaryAssetType(2083)</a> is specified.
<a href="#">UnderlyingSecondaryAssetType</a>	[0..1]	String	Required if <a href="#">UnderlyingSecondaryAssetSubType(2745)</a> is specified.
<a href="#">UnderlyingSecondaryAssetSubType</a>	[0..1]	String	

Used in components: [UnderlyingInstrument](#)

### 170.2.6509 UnderlyingSecondaryAssetSubClass

An indication of the general description of the asset class.

Type: [int](#)

Allowed values in [AssetSubClassCodeSet](#):

<b>Code</b>	<b>Name</b>	<b>Description</b>
1	SingleCurrency	Single currency
2	CrossCurrency	Cross currency
3	Basket	Basket [for multi-currency]
4	SingleName	Single name
5	CreditIndex	Credit index
6	IndexTranche	Index tranche
7	CreditBasket	Credit basket
8	Exotic	Exotic
9	Common	Common
10	Preferred	Preferred
11	EquityIndex	Equity index
12	EquityBasket	Equity basket
13	Metals	Metals
14	Bullion	Bullion
15	Energy	Energy
16	CommodityIndex	Commodity index
17	Agricultural	Agricultural
18	Environmental	Environmental
19	Freight	Freight
20	Government	Government
21	Agency	Agency
22	Corporate	Corporate
23	Financing	Financing
24	MoneyMarket	Money market
25	Mortgage	Mortgage
26	Municipal	Municipal
27	MutualFund	Mutual fund
28	CollectiveInvestmentVehicle	Collective investment vehicle
29	InvestmentProgram	Investment program. A generalized fund for major investors.
30	SpecializedAccountProgram	Specialized account program. A specialized fund setup for a particular account or group of accounts.
31	TermLoan	Term loan
32	BridgeLoan	Bridge loan
33	LetterOfCredit	Letter of credit

Code	Name	Description
34	DividendIndex	Dividend index
35	StockDividend	Stock dividend
36	ExchangeTradedFund	Exchange traded fund
37	VolatilityIndex	Volatility index
38	FXCrossRates	FX cross rates
39	FXEmergingMarkets	FX emerging markets
40	FXMajors	FX Majors
41	Fertilizer	Fertilizer
42	IndustrialProduct	Industrial product
43	Inflation	Inflation
44	Paper	Paper
45	Polypropylene	Polypropylene
46	OfficialEconomicStatistics	Official economic statistics
47	OtherC10	Other C10. Defined under MiFID II (Directive 2014/65/EU) Section C(10) of Annex I and paraphrased in ESMA RTS 2 Annex III Section 10, "Other C10" is a financial instrument "which is not a 'Freight derivative', any of the following interest rate derivatives sub-asset classes: 'Inflation multi-currency swap or cross-currency swap', a 'Future/forward on inflation multi-currency swaps or cross-currency swaps', an 'Inflation single currency swap', a 'Future/forward on inflation single currency swap' and any of the following equity derivatives sub-asset classes: a 'Volatility index option', a 'Volatility index future/forward', a swap with parameter return variance, a swap with parameter return volatility, a portfolio swap with parameter return variance, a portfolio swap with parameter return volatility".
48	Other	Other. May be used with any AssetClass(1938) values.

Used in groups: [UnderlyingSecondaryAssetGrp](#)

### 170.2.6510 UnderlyingSecondaryAssetSubType

May be used to provide a more specific description of the asset specified in UnderlyingSecondaryAssetType(2083).

See <https://www.fixtrading.org/codelists/AssetSubType> for code list of applicable values.

Type: [String](#)

Used in groups: [UnderlyingSecondaryAssetGrp](#)

### **170.2.6511 UnderlyingSecondaryAssetType**

Used to provide more specific description of the asset specified in UnderlyingSecondaryAssetSub-Class(2082).

See <https://www.fixtrading.org/codelists/AssetType> for code list of applicable values. ISO 4721 Currency Code values are to be used when specific currency as an asset type is to be expressed.

Other values may be used by mutual agreement of the counterparties.

Type: [String](#)

Used in groups: [UnderlyingSecondaryAssetGrp](#)

### **170.2.6512 UnderlyingSecurityAltID**

Alternate Security identifier value for this underlying security of UnderlyingSecurityAltIDSource (459) type (e.g. CUSIP, SEDOL, ISIN, etc). Requires UnderlyingSecurityAltIDSource.

Type: [String](#)

Used in groups: [UndSecAltIDGrp](#)

### **170.2.6513 UnderlyingSecurityAltIDSource**

Identifies class or source of the UnderlyingSecurityAltID(458) value.

Required if UnderlyingSecurityAltID is specified.

Type: [String](#)

Allowed values in SecurityIDSourceCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
1	CUSIP	CUSIP
2	SEDOL	SEDOL
3	QUIK	QUIK
4	ISINNumber	ISIN
5	RICCode	RIC
6	ISOCurrencyCode	ISO Currency Code (ISO 4217)

---

Code	Name	Description
7	ISOCountryCode	ISO Country Code
8	ExchangeSymbol	Exchange symbol
9	ConsolidatedTapeAssociation	Consolidated Tape Association (CTA) Symbol (SIAC CTS/CQS line format)
A	BloombergSymbol	Bloomberg Symbol
B	Wertpapier	Wertpapier
C	Dutch	Dutch
D	Valoren	Valoren
E	Sicovam	Sicovam
F	Belgian	Belgian
G	Common	"Common" (Clearstream and Euroclear)
H	ClearingHouse	Clearing house / Clearing organization
I	ISDAFpMLSpecification	ISDA/FpML product specification (XML in SecurityXML(1185))
J	OptionPriceReportingAuthority	Option Price Reporting Authority
K	ISDAFpMLURL	ISDA/FpML product URL (URL in SecurityID(48))
L	LetterOfCredit	Letter of credit
M	MarketplaceAssignedIdentifier	Marketplace-assigned Identifier
N	MarkitREDEntityCLIP	Markit RED entity CLIP
P	MarkitREDPairCLIP	Markit RED pair CLIP
Q	CFTCCommodityCode	CFTC commodity code
R	ISDACommodityReferencePrice	ISDA Commodity Reference Price
S	FinancialInstrumentGlobalIdentifier	Financial Instrument Global Identifier. An Object Management Group (OMG) standard. Also referred to as FIGI. Formerly known as "Bloomberg Open Symbology BBGID".
T	LegalEntityIdentifier	Legal entity identifier
U	Synthetic	Synthetic. Used to specify that the security identifier is synthetic for linking nested underliers when there is no market identifier for the collection.
V	FidessaInstrumentMnemonic	Fidessa Instrument Mnemonic (FIM)
W	IndexName	Index name. Standard name of the index or rate index, e.g. "LIBOR" or "iTraxx Australia".
X	UniformSymbol	Uniform Symbol (UMTF Symbol)
Y	DigitalTokenIdentifier	Digital Token Identifier (ISO 24165)

Used in groups: [UndSecAltIDGrp](#)

#### **170.2.6514 UnderlyingSecurityDesc**

Description of the underlying security.

Can be used by the venue or one of the trading parties to provide an optional non-normative textual description of the financial instrument.

Type: **String**

Used in components: **UnderlyingInstrument**

#### **170.2.6515 UnderlyingSecurityExchange**

Underlying security's SecurityExchange. Can be used to identify the underlying security.

Valid values: see SecurityExchange (207)

Type: **Exchange**

Used in components: **UnderlyingInstrument**

#### **170.2.6516 UnderlyingSecurityGroup**

An exchange specific name assigned to a group of related securities which may be concurrently affected by market events and actions.

Type: **String**

Used in components: **UnderlyingInstrument**

#### **170.2.6517 UnderlyingSecurityID**

Underlying security's SecurityID.

See SecurityID (48) field for description

Type: **String**

Used in components: **UnderlyingInstrument**

#### **170.2.6518 UnderlyingSecurityIDSource**

Identifies class or source of the UnderlyingSecurityID(309) value.

Type: **String**

## Allowed values in SecurityIDSourceCodeSet:

Code	Name	Description
1	CUSIP	CUSIP
2	SEDOL	SEDOL
3	QUIK	QUIK
4	ISINNumber	ISIN
5	RICCode	RIC
6	ISOCurrencyCode	ISO Currency Code (ISO 4217)
7	ISOCountryCode	ISO Country Code
8	ExchangeSymbol	Exchange symbol
9	ConsolidatedTapeAssociation	Consolidated Tape Association (CTA) Symbol (SIAC CTS/CQS line format)
A	BloombergSymbol	Bloomberg Symbol
B	Wertpapier	Wertpapier
C	Dutch	Dutch
D	Valoren	Valoren
E	Sicovam	Sicovam
F	Belgian	Belgian
G	Common	"Common" (Clearstream and Euroclear)
H	ClearingHouse	Clearing house / Clearing organization
I	ISDAFpMLSpecification	ISDA/FpML product specification (XML in SecurityXML(1185))
J	OptionPriceReportingAuthority	Option Price Reporting Authority
K	ISDAFpMLURL	ISDA/FpML product URL (URL in SecurityID(48))
L	LetterOfCredit	Letter of credit
M	MarketplaceAssignedIdentifier	Marketplace-assigned Identifier
N	MarkitREDEntityCLIP	Markit RED entity CLIP
P	MarkitREDPairCLIP	Markit RED pair CLIP
Q	CFTCCommodityCode	CFTC commodity code
R	ISDACommodityReferencePrice	ISDA Commodity Reference Price
S	FinancialInstrumentGlobalIdentifier	Financial Instrument Global Identifier. An Object Management Group (OMG) standard. Also referred to as FIGI. Formerly known as "Bloomberg Open Symbology BBGID".
T	LegalEntityIdentifier	Legal entity identifier
U	Synthetic	Synthetic. Used to specify that the security identifier is synthetic for linking nested underliers when there is no market identifier for the collection.

Code	Name	Description
V	FidessaInstrumentMnemonic	Fidessa Instrument Mnemonic (FIM)
W	IndexName	Index name. Standard name of the index or rate index, e.g. "LIBOR" or "iTraxx Australia".
X	UniformSymbol	Uniform Symbol (UMTF Symbol)
Y	DigitalTokenIdentifier	Digital Token Identifier (ISO 24165)

Used in components: [UnderlyingInstrument](#)

### 170.2.6519 UnderlyingSecurityStatus

Indicates the current state of the underlying instrument.

Type: [String](#)

Allowed values in SecurityStatusCodeSet:

Code	Name	Description
1	Active	Active. Instrument is active, i.e. trading is possible.
2	Inactive	Inactive. Instrument has previously been active and is now no longer traded but has not expired yet. The instrument may become active again.
3	ActiveClosingOrdersOnly	Active, closing orders only. Instrument is active but only orders closing positions (reducing risk) are allowed.
4	Expired	Expired. Instrument has expired. E.g. An instrument may expire due to reaching maturity or expired based on contract definitions or exchange rules.
5	Delisted	Delisted. Instrument has been removed from securities reference data. Delisting rules varies from exchange to exchange, which may include non-compliance of capitalization, revenue, consecutive minimum closing price. The instrument may become listed again once the instrument is back in compliance. A delisted instrument would not trade on the exchange but it may still be traded over-the-counter (e.g. OTCBB) or on Pink Sheets, or other similar trading service.
6	KnockedOut	Knocked-out. Instrument has breached a pre-defined price threshold.
7	KnockOutRevoked	Knock-out revoked. Instrument reinstated, i.e. threshold has not been breached.



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Code	Name	Description
8	PendingExpiry	Pending Expiry. Instrument is currently still active but will expire after the current business day. For example, a contract that expires intra-day (e.g. at noon time) and is no longer tradeable but will still show up in the current day's order book with related statistics.
9	Suspended	Suspended. Instrument has been temporarily disabled for trading (i.e. halted).
10	Published	Published. Instrument information is provided prior to its first activation.
11	PendingDeletion	Pending Deletion. Instrument is awaiting deletion from security reference data.

---

Used in components: [UnderlyingInstrument](#)

#### **170.2.6520 UnderlyingSecuritySubType**

Underlying security's SecuritySubType.

See SecuritySubType (762) field for description

Type: [String](#)

Used in components: [UnderlyingInstrument](#)

#### **170.2.6521 UnderlyingSecurityType**

Underlying security's SecurityType.

Valid values: see SecurityType (167) field

(see below for details concerning this fields use in conjunction with SecurityType=REPO)

The following applies when used in conjunction with SecurityType=REPO

Represents the general or specific type of security that underlies a financing agreement

Valid values for SecurityType=REPO:

If bonds of a particular issuer or country are wanted in an Order or are in the basket of an Execution and the SecurityType is not granular enough, include the UnderlyingIssuer (306), UnderlyingCountryOfIssue (592), UnderlyingProgram, UnderlyingRegType and/or < UnderlyingStipulations > block e.g.:

Type: [String](#)

## Allowed values in SecurityTypeCodeSet:

<b>Code</b>	<b>Name</b>	<b>Description</b>
ABS	AssetBackedSecurities	Asset-backed Securities
AN	OtherAnticipationNotes	Other Anticipation Notes (BAN, GAN, etc.)
BA	BankersAcceptance	Bankers Acceptance
BRADY	BradyBond	Brady Bond
CORP	CorporateBond	Corporate Bond
CS	CommonStock	Common Stock
EUSUPRA	EuroSupranationalCoupons	Euro Supranational Coupons. Identify the issuer name in Issuer(106).
FOR	ForeignExchangeContract	Foreign Exchange Contract
MF	MutualFund	Mutual Fund
REPO	Repurchase	Repurchase
TERM	TermLoan	Term Loan
BDN	BankDepositoryNote	Bank Depository Note
CAN	CanadianTreasuryNotes	Canadian Treasury Notes
CAP	Cap	Cap. In an interest rate cap, the buyer receives payments at the end of each period in which the rate indec exceeds the agreed strike rate.
CMB	CanadianMortgageBonds	Canadian Mortgage Bonds
COFO	CertificateOfObligation	Certificate Of Obligation
CPP	CorporatePrivatePlacement	Corporate Private Placement
FAC	FederalAgencyCoupon	Federal Agency Coupon
FORWARD	Forward	Forward
FXNDF	NonDeliverableForward	Non-deliverable forward
MLEG	MultilegInstrument	Multileg Instrument
PS	PreferredStock	Preferred Stock
RVLV	RevolverLoan	Revolver Loan
BN	BankNotes	Bank Notes
BUYSELL	BuySellback	Buy Sellback
CB	ConvertibleBond	Convertible Bond
CDS	CreditDefaultSwap	Credit Default Swap
CMBS	Corp	Corp. Mortgage-backed Securities
COFP	CertificateOfParticipation	Certificate Of Participation
CTB	CanadianTreasuryBills	Canadian Treasury Bills

<b>Code</b>	<b>Name</b>	<b>Description</b>
DR	DepositoryReceipts	Depository Receipts
FADN	FederalAgencyDiscountNote	Federal Agency Discount Note
FXSPOT	FXSpot	FX Spot
NONE	NoSecurityType	No Security Type
RVLVTRM	Revolver	Revolver/Term Loan
BOX	BillOfExchanges	Bill Of Exchanges
BRIDGE	BridgeLoan	Bridge Loan
CLLR	Collar	Collar. In an interest rate collar, this is a combination of a cap and a floor.
CMO	CollateralizedMortgageObligation	Collateralized Mortgage Obligation
DUAL	DualCurrency	Dual Currency
EUSOV	EuroSovereigns	Euro Sovereigns. Identify the issuer name in Issuer(106).
FXFWD	FXForward	FX Forward
GO	GeneralObligationBonds	General Obligation Bonds
PEF	PrivateExportFunding	Private Export Funding. Identify the issuer name in Issuer(106).
SECLOAN	SecuritiesLoan	Securities Loan
UST	USTreasuryNoteOld	US Treasury Note (Deprecated Value Use TNOTE)
CAMM	CanadianMoneyMarkets	Canadian Money Markets
CMDTYSWAP	CommoditySwap	Commodity swap
EUCORP	EuroCorporateBond	Euro Corporate Bond
FXSWAP	FXSwap	FX Swap
IET	IOETTEMortgage	IOETTE Mortgage
LOFC	LetterOfCredit	Letter Of Credit
MT	MandatoryTender	Mandatory Tender
PROV	CanadianProvincialBonds	Canadian Provincial Bonds
SECPLEDGE	SecuritiesPledge	Securities Pledge
SUPRA	USDSupranationalCoupons	USD Supranational Coupons. Identify the issuer name in Issuer(106).
USTB	USTreasuryBillOld	US Treasury Bill (Deprecated Value Use TBILL)
?	Wildcard	Wildcard entry for use on Security Definition Request
CD	CertificateOfDeposit	Certificate Of Deposit
DVPLDG	DeliveryVersusPledge	Delivery versus pledge
EUFRN	EuroCorporateFloatingRateNotes	Euro Corporate Floating Rate Notes
EXOTIC	Exotic	Exotic
FXNDS	NonDeliverableSwap	Non-deliverable Swap

<b>Code</b>	<b>Name</b>	<b>Description</b>
MBS	MortgageBackedSecurities	Mortgage-backed Securities
RAN	RevenueAnticipationNote	Revenue Anticipation Note
SWING	SwingLineFacility	Swing Line Facility
TB	TreasuryBill	Treasury Bill - non US
CASH	Cash	Cash
CL	CallLoans	Call Loans
COLLBSKT	CollateralBasket	Collateral basket. A collection of securities held as collateral in the customer's collateral fund. The collateral fund is usually managed by a custodian.
DINP	DebtorInPossession	Debtor In Possession
FLR	Floor	Floor. In an interest rate floor, the buyer receives payments at the end of each period in which the rate index is below the agreed strike rate.
FRN	USCorporateFloatingRateNotes	US Corporate Floating Rate Notes
FXBN	FXBankNote	FX Bank Note
MIO	MortgageInterestOnly	Mortgage Interest Only
OOC	OptionsOnCombo	Options on Combo
REV	RevenueBonds	Revenue Bonds
TBOND	USTreasuryBond	US Treasury Bond
CP	CommercialPaper	Commercial Paper
DEFLTED	Defaulted	Defaulted
FRA	FRA	Forward Rate Agreement
FXDN	ForeignCurrencyDiscountNote	Foreign Currency Discount Note. Discount notes issued in foreign currency by Fannie Mae.
MPO	MortgagePrincipalOnly	Mortgage Principal Only
Other	Other	Other
SFP	StructuredFinanceProduct	Structured finance product
SPCLA	SpecialAssessment	Special Assessment
TINT	InterestStripFromAnyBondOrNote	Interest Strip From Any Bond Or Note
XLINKD	IndexedLinked	Indexed Linked
DN	DepositNotes	Deposit Notes
ETN	ExchangeTradedNote	Exchange traded note
FUT	Future	Future
MPP	MortgagePrivatePlacement	Mortgage Private Placement
SPCLO	SpecialObligation	Special Obligation

<b>Code</b>	<b>Name</b>	<b>Description</b>
STRUCT	StructuredNotes	Structured Notes
TBILL	USTreasuryBill	US Treasury Bill
TIPS	TreasuryInflationProtectedSecurities	Treasury Inflation Protected Securities
WITHDRN	Withdrawn	Withdrawn
EUCD	EuroCertificateOfDeposit	Euro Certificate Of Deposit
FWD	DerivativeForward	Derivative forward
MPT	MiscellaneousPassThrough	Miscellaneous Pass-through
MRGNLOAN	MarginLoan	Margin loan
REPLACD	Replaced	Replaced
SPCLT	SpecialTax	Special Tax
TCAL	PrincipalStripOfACallableBondOrNote	Principal Strip Of A Callable Bond Or Note
YANK	YankeeCorporateBond	Yankee Corporate Bond
DIMSUMCORP	OffshoreIssuedChineseYuanCorporateBond	Offshore issued Chinese Yuan (CNY) denominated corporate bond
EUCP	EuroCommercialPaper	Euro Commercial Paper
IRS	InterestRateSwap	Interest Rate Swap
MATURED	Matured	Matured
PFAND	Pfandbrief	Pfandbrief. Identify the issuer name in Issuer(106).
SECDERIV	SecuritizedDerivative	Securitized derivative
TAN	TaxAnticipationNote	Tax Anticipation Note
TPRN	PrincipalStripFromANonCallableBondOrNote	Principal Strip From A Non-Callable Bond Or Note
TRS	TotalReturnSwap	Total return swap
AMENDED	Amended	Amended and restated
ETF	ExchangeTradedFund	Exchange Traded Fund
LOANLEASE	LoanLease	Loan/lease
LQN	LiquidityNote	Liquidity Note
PRCORP	PreferredCorporateBond	Preferred Corporate Bond
TAXA	TaxAllocation	Tax Allocation
TBA	ToBeAnnounced	To Be Announced
TNOTE	USTreasuryNote	US Treasury Note
DIGITAL	DigitalAsset	Digital Asset. Asset that exists only in digital form or which is the digital representation of another asset (Source: ISO 24165 - Terms and Definitions).

<b>Code</b>	<b>Name</b>	<b>Description</b>
DIMSUMSOV	OffshoreIssuedChineseYuanSovereignBond	Offshore issued Chinese Yuan (CNY) denominated sovereign bond
MTN	MediumTermNotes	Medium Term Notes
RETIRED	Retired	Retired
TECP	TaxExemptCommercialPaper	Tax Exempt Commercial Paper
ONITE	Overnight	Overnight
OOF	OptionsOnFutures	Options on Futures
SOV	SovereignBond	Sovereign Bond. Sovereign or government bond other than Euro and US issuer. Specify sovereign issuer in Issuer(106).
TMCP	TaxableMunicipalCP	Taxable Municipal CP
OOP	OptionsOnPhysical	Options on Physical - use not recommended
PN	PromissoryNote	Promissory Note
STN	ShortTermLoanNote	Short Term Loan Note
TFRN	USTreasuryFloatingRateNote	US Treasury Floating Rate Note
TRAN	TaxRevenueAnticipationNote	Tax Revenue Anticipation Note
OPT	Option	Option
PZFJ	PlazosFijos	Plazos Fijos
VRDN	VariableRateDemandNote	Variable Rate Demand Note
SLQN	SecuredLiquidityNote	Secured Liquidity Note
SPOTFWD	SpotForward	Spot forward
WAR	Warrant	Warrant
MCPIB	MunicipalInterestBearingCommercialPaper	Municipal Interest Bearing Commercial Paper
SWAPTION	SwapOption	Swap option
TD	TimeDeposit	Time Deposit
TMB	TaxableMunicipalBond	Taxable Municipal Bond
XMISSION	Transmission	Transmission
INDEX	Index	General type for a contract based on an established index
TLQN	TermLiquidityNote	Term Liquidity Note
VRDO	VariableRateDemandObligation	Variable Rate Demand Obligation
BDBSKT	BondBasket	Bond basket
XCN	ExtendedCommNote	Extended Comm Note
CFD	ContractForDifference	Contract for difference
YCD	YankeeCertificateOfDeposit	Yankee Certificate Of Deposit
BAB	BankAcceptedBill	Bank Accepted Bill. Also known as Bank Bill.

Code	Name	Description
CRLNSWAP	CorrelationSwap	Correlation swap
BNST	ShortTermBankNote	Short Term Bank Note
DVDNSWAP	DividendSwap	Dividend swap
CLCP	CallableCommercialPaper	Callable Commercial Paper
EQBSKT	EquityBasket	Equity basket
CN	CommercialNote	Commercial Note
EQFWD	EquityForward	Equity forward
CPIB	InterestBearingCommercialPaper	Interest Bearing Commercial Paper
RTRNSWAP	ReturnSwap	Return swap
EUMTN	EuroMediumTermNote	Euro Medium Term Note
VARSWAP	VarianceSwap	Variance swap
EUNCP	EuroNegotiableCommercialPaper	Euro Negotiable Commercial Paper
PRTFLIOSWAP	PortfolioSwaps	Portfolio swap
EUSTLQN	EuroStructuredLiquidityNote	Euro Structured Liquidity Note
FUTSWAP	FuturesOnASwap	Futures on a Swap
EUTD	EuroTimeDeposit	Euro Time Deposit
FWDSWAP	ForwardsOnASwap	Forwards on a Swap
FWDFRTAGMT	ForwardFreightAgreement	Forward Freight Agreement
JCD	JumboCertificateOfDeposit	Jumbo Certificate of Deposit
MMF	MoneyMarketFund	Money Market Fund
SPREADBET	SpreadBetting	Spread Betting
ETC	ExchangeTradedCommodity	Exchange traded commodity
MN	MasterNote	Master Note. Short term notes issued by Federal Farm Credit Banks Funding Corporation to provide loans and funding under Federal Farm Credit System (FFCS).
NCD	NegotiableCertificateOfDeposit	Negotiable Certificate of Deposit
NCP	NegotiableCommercialPaper	Negotiable Commercial Paper
RCD	RetailCertificateOfDeposit	Retail Certificate of Deposit
TDR	TermDepositReceipt	Term Deposit Receipt

Used in components: [UnderlyingInstrument](#)

### 170.2.6522 UnderlyingSecurityXML

XML definition for the underlying security.

Type: [XMLData](#)

Used in components: [UnderlyingSecurityXML](#)

### 170.2.6523 UnderlyingSecurityXML

The UnderlyingSecurityXML component is used to provide a definition in an XML format for the underlying instrument.

Name	Mult.	Type	Description
<a href="#">UnderlyingSecurityXMLLen</a>	[0..1]	Length	Must be provided if UnderlyingSecurityXML(1875) field is specified and must immediately precede it.
<a href="#">UnderlyingSecurityXML</a>	[0..1]	XMLData	
<a href="#">UnderlyingSecurityXMLSchema</a>	[0..1]	String	

Used in components: [UnderlyingInstrument](#)

### 170.2.6524 UnderlyingSecurityXMLLen

The length of the UnderlyingSecurityXML(1875) data block.

Type: [Length](#)

Used in components: [UnderlyingSecurityXML](#)

### 170.2.6525 UnderlyingSecurityXMLSchema

The schema used to validate the contents of UnderlyingSecurityXML(1875).

Type: [String](#)

Used in components: [UnderlyingSecurityXML](#)

### 170.2.6526 UnderlyingSeniority

See Seniority(1450)

Type: [String](#)

Allowed values in SeniorityCodeSet:



Code	Name	Description
SD	SeniorSecured	Senior Secured
SR	Senior	Senior
SB	Subordinated	Subordinated
JR	Junior	Junior. In the context of MiFID II this value is used as identified in RTS 23 Annex I Table 3 Field 23 "Seniority of the bond".
MZ	Mezzanine	Mezzanine. In the context of MiFID II this value is used as identified in RTS 23 Annex I Table 3 Field 23 "Seniority of the bond".
SN	SeniorNonPreferred	Senior Non-Preferred. For CDS reference obligations of non-preferred senior debt issued by European Financials that constitute a layer of debt ranking between the bank's normal senior debt but above the bank's normal tier 2 subordinated debt (reference: ISDA Credit Market Infrastructure Group).

Used in components: [UnderlyingInstrument](#)

### 170.2.6527 UnderlyingSettlDisruptionProvision

Specifies the consequences of settlement disruption events.

Type: [int](#)

Allowed values in SettlDisruptionProvisionCodeSet:

Code	Name	Description
1	Negotiation	Negotiation
2	Cancellation	Cancellation and payment

Used in components: [UnderlyingInstrument](#)

### 170.2.6528 UnderlyingSettledEntityMatrixPublicationDate

Specifies the publication date of the applicable version of the matrix. If not specified, the Standard Terms Supplement defines rules for which version of the matrix is applicable.

Type: [LocalMktDate](#)

Used in components: [UnderlyingInstrument](#)

**170.2.6529 UnderlyingSettledEntityMatrixSource**

Relevant settled entity matrix source.

Type: **String**

Used in components: **UnderlyingInstrument**

**170.2.6530 UnderlyingSettlementDate**

Date the underlying instrument will settle. Used for derivatives that deliver into more than one underlying instrument. Settlement dates can vary across underlying instruments.

Type: **LocalMktDate**

Used in groups: **UnderlyingAmount**

Used in messages: **TradeCaptureReport**

**170.2.6531 UnderlyingSettlementStatus**

Settlement status of the underlying instrument. Used for derivatives that deliver into more than one underlying instrument. Settlement can be delayed for an underlying instrument.

Type: **String**

Used in groups: **UnderlyingAmount**

**170.2.6532 UnderlyingSettlementType**

Indicates order settlement period for the underlying instrument.

Type: **int**

Allowed values in UnderlyingSettlementTypeCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
2	TPlus1	T+1
4	TPlus3	T+3
5	TPlus4	T+4

---

Used in components: **UnderlyingInstrument**

**170.2.6533 UnderlyingSettleOnOpenFlag**

Indicator to determine if Instrument is Settle on Open.

Type: **String**

Used in components: **UnderlyingInstrument**

**170.2.6534 UnderlyingSettlMethod**

Settlement method for a contract or instrument. Additional values may be used with bilateral agreement.

Type: **String**

Allowed values in SettlMethodCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
C	CashSettlementRequired	Cash settlement required
P	PhysicalSettlementRequired	Physical settlement required
E	Election	Election at exercise. The settlement method will be elected at the time of contract exercise.

---

Used in components: **UnderlyingInstrument**

**170.2.6535 UnderlyingSettlMethodElectingPartySide**

Side value of the party electing the settlement method.

Type: **int**

Allowed values in PaymentPaySideCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
1	Buy	Buy
2	Sell	Sell

---

Used in components: **UnderlyingOptionExercise**

**170.2.6536 UnderlyingSettlMethodElectionDateAdjusted**

The adjusted settlement method election date.

Type: [LocalMktDate](#)

Used in components: [UnderlyingSettlMethodElectionDate](#)

**170.2.6537 UnderlyingSettlMethodElectionDateBusinessCenter**

The business center calendar used for date adjustment of the settlement method election unadjusted or relative date, e.g. "GBLO".

See <http://www.fpml.org/coding-scheme/business-center> for standard 4-character code values.

Type: [String](#)

Used in groups: [UnderlyingSettlMethodElectionDateBusinessCenterGrp](#)

**170.2.6538 UnderlyingSettlMethodElectionDateBusinessCenterGrp**

[UnderlyingSettlMethodElectionDateBusinessCenterGrp](#) is a repeating subcomponent within the [UnderlyingSettlMethodElectionDate](#) component. It is used to specify the set of business centers whose calendars drive the date adjustment. Used only to override the business centers defined in the [UnderlyingDateAdjustment](#) component in [UnderlyingInstrument](#).

Name	Mult.	Type	Description
<a href="#">NoUnderlyingSettlMethodElectionDateBusinessCenters</a>	[1..1]	NumInGroup	
<a href="#">UnderlyingSettlMethodElectionDateBusinessCenter</a>	[0..1]	String	Required if <a href="#">NoUnderlyingSettlMethodElectionDateBusinessCenters(43074)</a> > 0.

Used in components: [UnderlyingSettlMethodElectionDate](#)

**170.2.6539 UnderlyingSettlMethodElectionDateBusinessDayConvention**

The settlement method election date adjustment business day convention.

Type: [int](#)

Allowed values in [BusinessDayConventionCodeSet](#):

Code	Name	Description
0	NotApplicable	Not applicable. Business day convention is not applicable.
1	None	None (current day)
2	FollowingDay	Following day. The following business day.
3	FloatingRateNote	Floating rate note. The FRN business day convention.
4	ModifiedFollowingDay	Modified following day. The modified following business day.
5	PrecedingDay	Preceding day. The preceding business day.
6	ModifiedPrecedingDay	Modified preceding day. The modified preceding business day.
7	NearestDay	Nearest day. The nearest applicable business day.

Used in components: [UnderlyingSettlMethodElectionDate](#)

### 170.2.6540 UnderlyingSettlMethodElectionDate

The UnderlyingSettlMethodElectionDate component is a subcomponent within the UnderlyingOptionExercise component used to report the settlement method election date.

Name	Mult.	Type	Description
<a href="#">UnderlyingSettlMethodElectionDateUnadjusted</a>	[0..1]	LocalMktDate	
<a href="#">UnderlyingSettlMethodElectionDate-BusinessDayConvention</a>	[0..1]	CodeSet	When specified, this overrides the business day convention defined in the UnderlyingDateAdjustment component in UnderlyingInstrument. The specified value would be specific to UnderlyingOptionExercise.
<a href="#">UnderlyingSettlMethodElectionDate-BusinessCenterGrp</a>	[0..*]	Group	When specified, this overrides the business centers defined in the UnderlyingDateAdjustment component in UnderlyingInstrument. The specified values would be specific to UnderlyingOptionExercise.
<a href="#">UnderlyingSettlMethodElectionDateRelativeTo</a>	[0..1]	int	
<a href="#">UnderlyingSettlMethodElectionDate-OffsetPeriod</a>	[0..1]	int	Conditionally required when UnderlyingSettlMethodElectionDateOffsetUnit(43080) is specified.
<a href="#">UnderlyingSettlMethodElectionDate-OffsetUnit</a>	[0..1]	CodeSet	Conditionally required when UnderlyingSettlMethodElectionDateOffsetPeriod(43079) is specified.
<a href="#">UnderlyingSettlMethodElectionDate-OffsetDayType</a>	[0..1]	CodeSet	

Name	Mult.	Type	Description
<a href="#">UnderlyingSettlMethodElection-DateAdjusted</a>	[0..1]	LocalMktDate	

Used in components: [UnderlyingOptionExercise](#)

### 170.2.6541 UnderlyingSettlMethodElectionDateOffsetDayType

Specifies the day type of the relative settlement method election date offset.

Type: [int](#)

Allowed values in PaymentStreamPaymentDateOffsetDayTypeCodeSet:

Code	Name	Description
0	Business	Business
1	Calendar	Calendar
2	CommodityBusiness	Commodity business
3	CurrencyBusiness	Currency business
4	ExchangeBusiness	Exchange business
5	ScheduledTradingDay	Scheduled trading day

Used in components: [UnderlyingSettlMethodElectionDate](#)

### 170.2.6542 UnderlyingSettlMethodElectionDateOffsetPeriod

Time unit multiplier for the relative settlement method election date offset.

Type: [int](#)

Used in components: [UnderlyingSettlMethodElectionDate](#)

### 170.2.6543 UnderlyingSettlMethodElectionDateOffsetUnit

Time unit associated with the relative settlement method election date offset.

Type: [String](#)

Allowed values in PaymentStreamPaymentDateOffsetUnitCodeSet:

---

Code	Name	Description
D	Day	Day
Wk	Week	Week
Mo	Month	Month
Yr	Year	Year

---

Used in components: [UnderlyingSettlMethodElectionDate](#)

#### **170.2.6544 UnderlyingSettlMethodElectionDateRelativeTo**

Specifies the anchor date when the settlement method election date is relative to an anchor date.

See [http://www.fixtradingcommunity.org/codelists#Relative\\_To\\_Date](http://www.fixtradingcommunity.org/codelists#Relative_To_Date) for values.

Type: [int](#)

Used in components: [UnderlyingSettlMethodElectionDate](#)

#### **170.2.6545 UnderlyingSettlMethodElectionDateUnadjusted**

The unadjusted settlement method election date.

Type: [LocalMktDate](#)

Used in components: [UnderlyingSettlMethodElectionDate](#)

#### **170.2.6546 UnderlyingSettlPrice**

Underlying security's SettlPrice.

See SettlPrice (730) field for description

Type: [Price](#)

Used in groups: [PosUndInstrmtGrp](#)

Used in messages: [AssignmentReport](#)

**170.2.6547 UnderlyingSettlPriceType**

Underlying security's SettlPriceType.

See SettlPriceType (731) field for description

Type: **int**

Allowed values in SettlPriceTypeCodeSet:

Code	Name	Description
1	Final	Final
2	Theoretical	Theoretical

Used in groups: **PosUndInstrmtGrp**

**170.2.6548 UnderlyingSettlRateDisruptionFallbackGrp**

The UnderlyingSettlRateDisruptionFallbackGrp is a repeating subcomponent of the UnderlyingPaymentStreamNonDeliverableSettlTermGrp component used to specify the method, prioritized by the order it is listed, to get a replacement rate for a disrupted settlement rate option for a non-deliverable settlement currency.

Name	Mult.	Type	Description
<b>NoUnderlyingSettlRateFallbacks</b>	[1..1]	NumInGroup	
<b>UnderlyingSettlRatePostponementMaximumDays</b>	[0..1]	int	Required if NoUnderlyingSettlRateFallbacks(40659) > 0.
<b>UnderlyingSettlRateFallbackRateSource</b>	[0..1]	Component	
<b>UnderlyingSettlRatePostponementSurvey</b>	[0..1]	Boolean	
<b>UnderlyingSettlRatePostponementCalculationAgent</b>	[0..1]	CodeSet	

Used in components: **UnderlyingPaymentStreamNonDeliverableSettlTerms**

**170.2.6549 UnderlyingSettlRateFallbackRateSource**

Identifies the source of rate information.



Type: **int**

Allowed values in RateSourceCodeSet:

Code	Name	Description
0	Bloomberg	Bloomberg
1	Reuters	Reuters
2	Telerate	Telerate
3	ISDARateOption	ISDA Settlement Rate Option. The source of the currency conversion as specified by the ISDA terms in Annex A to the 1998 FX and Currency Option Definitions. See <a href="http://www.fpml.org/coding-scheme/settlement-rate-option">http://www.fpml.org/coding-scheme/settlement-rate-option</a>
99	Other	Other

Used in components: **UnderlyingSettlRateFallbackRateSource**

### 170.2.6550 UnderlyingSettlRateFallbackRateSource

UnderlyingSettlRateFallbackRateSource is a subcomponent of the UnderlyingSettlRateDisruptionFallbackGrp component used to specify the rate source in the event of rate disruption fallback.

Name	Mult.	Type	Description
<b>UnderlyingSettlRateFallbackRateSource</b>	[0..1]	CodeSet	
<b>UnderlyingSettlRateFallbackReferencePage</b>	[0..1]	String	Conditionally required when UnderlyingSettlRateFallbackRateSource(40904) = 3 (ISDA Settlement Rate Option) or 99 (Other).

Used in groups: **UnderlyingSettlRateDisruptionFallbackGrp**

### 170.2.6551 UnderlyingSettlRateFallbackReferencePage

Identifies the reference "page" from the rate source.

When UnderlyingSettlRateFallbackRateSource(40904) = 3 (ISDA Settlement Rate Option) this contains the value from the scheme that reflects the terms of the Annex A to the ISDA 1998 FX and Currency Option Definitions. See: <http://www.fpml.org/coding-scheme/settlement-rate-option>

Type: **String**

Used in components: **UnderlyingSettlRateFallbackRateSource**

**170.2.6552 UnderlyingSettlRateIndex**

In an outright or forward commodity trade that is cash settled this is the index used to determine the cash payment.

Type: **String**

Used in components: **UnderlyingInstrument**

**170.2.6553 UnderlyingSettlRateIndexLocation**

This is an optional qualifying attribute of UnderlyingSettlementRateIndex(2284) such as the delivery zone for an electricity contract.

Type: **String**

Used in components: **UnderlyingInstrument**

**170.2.6554 UnderlyingSettlRatePostponementCalculationAgent**

Used to identify the settlement rate postponement calculation agent.

Type: **int**

Allowed values in ProvisionCalculationAgentCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	ExercisingParty	Exercising party
1	NonExercisingParty	Non-exercising party
2	MasterAgreement	As specified in the master agreement
3	Supplement	As specified in the standard terms supplement

---

Used in groups: **UnderlyingSettlRateDisruptionFallbackGrp**

**170.2.6555 UnderlyingSettlRatePostponementMaximumDays**

The maximum number of days to wait for a quote from the disrupted settlement rate option before proceeding to this method.

Type: **int**

Used in groups: **UnderlyingSettlRateDisruptionFallbackGrp**

**170.2.6556 UnderlyingSettlRatePostponementSurvey**

Indicates whether to request a settlement rate quote from the market.

Type: **Boolean**

Used in groups: **UnderlyingSettlRateDisruptionFallbackGrp**

**170.2.6557 UnderlyingSettlTermXIDRef**

Reference to the cash or physical settlement terms applicable to this entity or obligation. Contains the same XID named string value of the instance in the appropriate repeating group that applies to this Underlying.

Type: **XIDREF**

Used in components: **UnderlyingInstrument**

**170.2.6558 UnderlyingShortSaleRestriction**

Indicates whether a restriction applies to short selling a security.

Type: **int**

Allowed values in ShortSaleRestrictionCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	NoRestrictions	No restrictions
1	SecurityNotShortable	Security is not shortable
2	SecurityNotShortableAtOrBelowBestBid	Security not shortable at or below the best bid
3	SecurityNotShortableWithoutPre-Borrow	Security is not shortable without pre-borrow

---

Used in components: **UnderlyingInstrument**

**170.2.6559 UnderlyingSpecialDividendsIndicator**

Indicates whether special dividends are applicable.

Type: **Boolean**

Used in components: **UnderlyingDividendConditions**

**170.2.6560 UnderlyingStartValue**

Currency value attributed to this collateral at the start of the agreement

Type: **Amt**

Used in components: **UnderlyingInstrument**

**170.2.6561 UnderlyingStateOrProvinceOfIssue**

Underlying security's StateOrProvinceOfIssue.

See StateOrProvinceOfIssue (471) field for description

Type: **String**

Used in components: **UnderlyingInstrument**

**170.2.6562 UnderlyingStipType**

Type of stipulation.

Same values as StipulationType (233)

Type: **String**

Allowed values in StipulationTypeCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
ABS	AbsolutePrepaymentSpeed	Absolute Prepayment Speed
AMT	AlternativeMinimumTax	Alternative Minimum Tax (Y/N)
INCURRCVY	IncurredRecovery	Incurred recovery (Y/N). Specifies whether incurred recovery is applicable (Y) or not (N). Outstanding Swap Notional Amount is defined at any time on any day, as the greater of: (a) Zero; If Incurred Recovery Amount Applicable: (b) The Original Swap Notional Amount minus the sum of all Incurred Loss Amounts and all Incurred Recovery Amounts (if any) determined under this Confirmation at or prior to such time. Incurred Recovery Amount not populated: (b) The Original Swap Notional Amount minus the sum of all Incurred Loss Amounts determined under this Confirmation at or prior to such time. 2009 CDX Tranche Terms.

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<b>Code</b>	<b>Name</b>	<b>Description</b>
ADDTRM	AdditionalTerm	Additional term. Used for representing information contained in the Additional Terms field of the 2003 Master Credit Derivatives confirm.
AUTOREINV	AutoReinvestment	Auto Reinvestment at <rate> or better
CPP	ConstantPrepaymentPenalty	Constant Prepayment Penalty
BANKQUAL	BankQualified	Bank qualified (Y/N)
CPR	ConstantPrepaymentRate	Constant Prepayment Rate
MODEQTYDLVY	ModifiedEquityDelivery	Modified equity delivery. Indicates whether delivery of selected obligations having an amount greater than the reference entity notional amount is allowed (Y) or (N). 2005 iTraxx tranching Transactions Standard Terms Supplement.
BGNCON	BargainConditions	Bargain conditions (see StipulationValue (234) for values)
CPY	ConstantPrepaymentYield	Constant Prepayment Yield
NOREFOBLIG	NoReferenceObligation	No reference obligation (Y/N). When specified as "Y" this indicates that there is no Reference Obligation associated with this Credit Default Swap and that there will never be one. 2003 ISDA Credit Derivatives Definitions.
COUPON	CouponRange	Coupon range
HEP	FinalCPRofHomeEquityPrepaymentCurve	final CPR of Home Equity Prepayment Curve
UNKREFOBLIG	UnknownReferenceObligation	Unknown reference obligation (Y/N). When specified as "Y" this indicates that the Reference obligation associated with the Credit Default Swap is currently not known. This is not valid for Legal Confirmation purposes, but is valid for earlier stages in the trade life cycle (e.g. Broker Confirmation). 2003 FpML-CD-4.0.
ALLGUARANTEES	AllGuarantees	All guarantees (Y/N). Indicates whether an obligation of the Reference Entity, guaranteed by the Reference Entity on behalf of a non-Affiliate, is to be considered an Obligation for the purpose of the transaction (Y) or (N). ISDA 2003 Term: All Guarantees.
CURRENCY	ISOCurrencyCode	ISO Currency Code
MHP	PercentOfManufacturedHousingPrepaymentCurve	Percent of Manufactured Housing Prepayment Curve
CUSTOMDATE	CustomStart	Custom start/end date
MPR	MonthlyPrepaymentRate	Monthly Prepayment Rate

<b>Code</b>	<b>Name</b>	<b>Description</b>
REFPX	ReferencePrice	Reference price (Y/N). Specifies the reference price expressed as a percentage between 0 and 1 (e.g. 0.05 is 5%). The reference price is used to determine (a) for physically settled trades, the Physical Settlement Amount, which equals the Floating Rate Payer Calculation Amount times the Reference Price and (b) for cash settled trades, the Cash Settlement Amount, which equals the greater of (i) the difference between the Reference Price and the Final Price and (ii) zero. ISDA 2003 Term: Reference Price.
GEOG	Geographics	Geographics and % range (ex. 234=CA 0-80 [minimum of 80% California assets])
PPC	PercentOfProspectusPrepaymentCurve	Percent of Prospectus Prepayment Curve
REFPOLICY	ReferencePolicy	Reference policy (Y/N). Indicates whether the reference obligation is guaranteed (Y), or not (N), under a reference policy. If the Reference Obligation is guaranteed under a Reference Policy, and such Reference Policy by its terms excludes any component of the Expected Principal Amount for purposes of determining the liability of the relevant Insurer, or the Insurer is otherwise not required to pay any such amounts under the terms of the Reference Policy, the relevant component or amount shall also be excluded for purposes of determining the Expected Principal Amount with respect to any determination of Principal Shortfall hereunder. 2006 ISDA CDS on MBS Terms.
HAIRCUT	ValuationDiscount	Valuation Discount
PSA	PercentOfBMAPrepaymentCurve	Percent of BMA Prepayment Curve
SECRDLIST	SecuredList	Secured list (Y/N). Specifies whether a list of Syndicated Secured Obligations (also known as the Relevant Secured List) exists (Y), or not (N), for the Reference Entity. With respect to any day, the list of Syndicated Secured Obligations of the Designated Priority of the Reference Entity published by Markit Group Limited or any successor thereto appointed by the Specified Dealers (the "Secured List Publisher") on or most recently before such day, which list is currently available at [ <a href="http://www.markit.com">http://www.markit.com</a> ]. ISDA 2003 Term: Relevant Secured List.
INSURED	Insured	Insured (Y/N)
SMM	SingleMonthlyMortality	Single Monthly Mortality

<b>Code</b>	<b>Name</b>	<b>Description</b>
ISSUE	IssueDate	Year Or Year/Month of Issue (ex. 234=2002/09)
ISSUER	Issuer	Issuer's ticker
ISSUESIZE	IssueSizeRange	issue size range
LOOKBACK	LookbackDays	Lookback Days
LOT	ExplicitLotIdentifier	Explicit lot identifier
LOTVAR	LotVariance	Lot Variance (value in percent maximum over- or under-allocation allowed)
MAT	MaturityYearAndMonth	Maturity Year And Month
MATURITY	MaturityRange	Maturity range
MAXSUBS	MaximumSubstitutions	Maximum substitutions (Repo)
MINDNOM	MinimumDenomination	Minimum denomination
MININCR	MinimumIncrement	Minimum increment
MINQTY	MinimumQuantity	Minimum quantity
PAYFREQ	PaymentFrequency	Payment frequency, calendar
PIECES	NumberOfPieces	Number Of Pieces
PMAX	PoolsMaximum	Pools Maximum
PPL	PoolsPerLot	Pools per Lot
PPM	PoolsPerMillion	Pools per Million
PPT	PoolsPerTrade	Pools per Trade
PRICE	PriceRange	Price Range
PRICEFREQ	PricingFrequency	Pricing frequency
PROD	ProductionYear	Production Year
PROTECT	CallProtection	Call protection
PURPOSE	Purpose	Purpose
PXSOURCE	BenchmarkPriceSource	Benchmark price source
RATING	RatingSourceAndRange	Rating source and range
REDEMPTION	TypeOfRedemption	Type Of Redemption - values are: NonCallable, Prefunded, EscrowedToMaturity, Puttable, Convertible
RESTRICTED	Restricted	Restricted (Y/N)
SECTOR	MarketSector	Market Sector
SECTYPE	SecurityTypeIncludedOrExcluded	Security Type included or excluded
STRUCT	Structure	Structure
SUBSFREQ	SubstitutionsFrequency	Substitutions frequency (Repo)
SUBSLEFT	SubstitutionsLeft	Substitutions left (Repo)

<b>Code</b>	<b>Name</b>	<b>Description</b>
TEXT	FreeformText	Freeform Text
TRDVAR	TradeVariance	Trade Variance (value in percent maximum over- or under-allocation allowed)
WAC	WeightedAverageCoupon	Weighted Average Coupon - value in percent (exact or range) plus "Gross" or "Net" of servicing spread (the default) (ex. 234=6.5-Net [minimum of 6.5% net of servicing fee])
WAL	WeightedAverageLifeCoupon	Weighted Average Life Coupon - value in percent (exact or range)
WALA	WeightedAverageLoanAge	Weighted Average Loan Age - value in months (exact or range)
WAM	WeightedAverageMaturity	Weighted Average Maturity - value in months (exact or range)
WHOLE	WholePool	Whole Pool (Y/N)
YIELD	YieldRange	Yield Range
AVFICO	AverageFICOScore	Average FICO Score
ORIGAMT	OriginalAmount	Original amount. The original issued amount of a mortgage backed security or other loan/asset backed security.
AVSIZE	AverageLoanSize	Average Loan Size
POOLEFFDT	PoolEffectiveDate	Pool effective date
MAXBAL	MaximumLoanBalance	Maximum Loan Balance
POOLINITFCTR	PoolInitialFactor	Pool initial factor. For mortgage backed securities, the part of the mortgage that is outstanding on trade inception, i.e. has not been repaid yet as principal. It is expressed as a multiplier factor to the mortgage: where 1 means that the whole mortgage amount is outstanding, 0.8 means that 80% remains to be repaid and 20% has been repaid.
POOL	PoolIdentifier	Pool Identifier
TRANCHE	Tranche	Tranche identifier. Identifies the tranche of a mortgage backed security, loan, collateralized mortgage obligation or similar securities that can be split into different risk or maturity (for example) classes.
ROLLTYPE	TypeOfRollTrade	Type of Roll trade
SUBSTITUTION	Substitution	Substitution (Y/N). Indicates whether substitution is applicable (Y) or (N).



<b>Code</b>	<b>Name</b>	<b>Description</b>
MULTEXCHFLLBCK	MULTEXCHFLLBCK	Multiple exchange fallback (Y/N). For an index option transaction, indicates whether a relevant "Multiple Exchange Index Annex" is applicable (Y) to the transaction or not (N). This annex defines additional provisions which are applicable where an index is comprised of component securities that are traded on multiple exchanges.
REFTRADE	ReferenceToRollingOrClosing-Trade	Reference to rolling or closing trade
COMPSECFLLBCK	COMPSECFLLBCK	Component security fallback (Y/N). For an index option transaction, indicates whether a relevant "Component Security Index Annex" is applicable (Y) to the transaction or not (N).
REFPRIN	PrincipalOfRollingOrClosing-Trade	Principal to rolling or closing trade
LOCLJRSRCTN	LOCLJRSRCTN	Local jurisdiction (Y/N). "Local Jurisdiction" is used in the AEJ Master Confirmation to determine applicability (Y), or not (N), of local taxes (including taxes, duties, and similar charges) imposed by the taxing authority of the local jurisdiction.
REFINT	InterestOfRollingOrClosingTrade	Interest of rolling or closing trade
AVAILQTY	AvailableOfferQuantity-ToBeShownToTheStreet	Available offer quantity to be shown to the street
RELVJRSRCTN	RELVJRSRCTN	Relevant jurisdiction (Y/N). "Relevant Jurisdiction" is used in the AEJ Master Confirmation to determine applicability (Y), or not (N), of local taxes (including taxes, duties and similar charges) that would be imposed by the taxing authority of the "country of underlier" on a "hypothetical broker dealer" assuming that the applicable hedge positions are held by its office in the Relevant Jurisdiction.
BROKERCREDIT	BrokerCredit	Broker's sales credit
INTERNALPX	OfferPriceToBeShownToInternalBrokers	Offer price to be shown to internal brokers
INTERNALQTY	OfferQuantityToBeShownToInternalBrokers	Offer quantity to be shown to internal brokers
LEAVEQTY	TheMinimumResidualOffer-Quantity	The minimum residual offer quantity
MAXORDQTY	MaximumOrderSize	Maximum order size
ORDRINCR	OrderQuantityIncrement	Order quantity increment

Code	Name	Description
PRIMARY	PrimaryOrSecondaryMarketIndicator	Primary or Secondary market indicator
SALESCREDITOVR	BrokerSalesCreditOverride	Broker sales credit override
TRADERCREDIT	TraderCredit	Trader's credit
DISCOUNT	DiscountRate	Discount Rate (when price is denominated in percent of par)
YTM	YieldToMaturity	Yield to Maturity (when YieldType(235) and Yield(236) show a different yield)
PAYOFF	InterestPayoffOfRollingOrAmendingTrade	Interest payoff of rolling or amending trade

Used in groups: [UnderlyingStipulations](#)

### 170.2.6563 UnderlyingStipulations

The UnderlyingStipulations component block has the same usage as the Stipulations component block, but for an underlying security.

Name	Mult.	Type	Description
<a href="#">NoUnderlyingStips</a>	[1..1]	NumInGroup	
<a href="#">UnderlyingStipType</a>	[0..1]	CodeSet	Required if NoUnderlyingStips >0
<a href="#">UnderlyingStipValue</a>	[0..1]	String	

Used in components: [UnderlyingInstrument](#)

### 170.2.6564 UnderlyingStipValue

Value of stipulation.

Same values as StipulationValue (234)

Type: [String](#)

Used in groups: [UnderlyingStipulations](#)

**170.2.6565 UnderlyingStrategyType**

Specifies the type of trade strategy.

Type: **String**

Allowed values in StrategyTypeCodeSet:

Code	Name	Description
STD	Straddle	Straddle
STG	Strangle	Strangle
BF	Butterfly	Butterfly
CNDR	Condor	Condor
CISN	CallableInversibleSnowball	Callable inversible snowball
OTHER	Other	Other

Used in components: **UnderlyingInstrument**

**170.2.6566 UnderlyingStreamAssetAttributeGrp**

The UnderlyingStreamAssetAttributeGrp is a repeating subcomponent of the UnderlyingStreamCommodity component used to detail commodity attributes, quality standards and reject limits.

Name	Mult.	Type	Description
<b>NoUnderlyingStreamAssetAttributes</b>	[1..1]	NumInGroup	
<b>UnderlyingStreamAssetAttributeType</b>	[0..1]	String	Required if NoUnderlyingStreamAssetAttributes(41800) > 0.
<b>UnderlyingStreamAssetAttributeValue</b>	[0..1]	String	
<b>UnderlyingStreamAssetAttributeLimit</b>	[0..1]	String	

Used in components: **UnderlyingStreamCommodity**

**170.2.6567 UnderlyingStreamAssetAttributeLimit**

The limit or lower acceptable value of the attribute.

Type: **String**

Used in groups: **UnderlyingStreamAssetAttributeGrp**

### **170.2.6568 UnderlyingStreamAssetAttributeType**

Specifies the name of the attribute.

See [http://www.fixtradingcommunity.org/codelists#Asset\\_Attribute\\_Types](http://www.fixtradingcommunity.org/codelists#Asset_Attribute_Types) for code list of applicable asset attribute types.

Type: **String**

Used in groups: **UnderlyingStreamAssetAttributeGrp**

### **170.2.6569 UnderlyingStreamAssetAttributeValue**

Specifies the value of the attribute.

Type: **String**

Used in groups: **UnderlyingStreamAssetAttributeGrp**

### **170.2.6570 UnderlyingStreamCalculationBalanceOfFirstPeriod**

When specified and set to 'Y', it indicates that the first calculation period should run from the effective date to the end of the calendar period in which the effective date falls (e.g. Jan 15 - Jan 31 if the calculation periods are one month long and effective date is Jan 15.). If 'N' or not specified, it indicates that the first calculation period should run from the effective date for one whole period (e.g. Jan 15 to Feb 14 if the calculation periods are one month long and the effective date is Jan 15.).

Type: **Boolean**

Used in components: **UnderlyingStreamCalculationPeriodDates**

### **170.2.6571 UnderlyingStreamCalculationCorrectionPeriod**

Time unit multiplier for the length of time after the publication of the data when corrections can be made.

Type: **int**

Used in components: **UnderlyingStreamCalculationPeriodDates**

**170.2.6572 UnderlyingStreamCalculationCorrectionUnit**

Time unit associated with the length of time after the publication of the data when corrections can be made.

Type: **String**

Allowed values in ProtectionTermEventUnitCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
D	Day	Day
Wk	Week	Week
Mo	Month	Month
Yr	Year	Year

---

Used in components: **UnderlyingStreamCalculationPeriodDates**

**170.2.6573 UnderlyingStreamCalculationFrequencyPeriod**

Time unit multiplier for the frequency at which calculation period end dates occur.

Type: **int**

Used in components: **UnderlyingStreamCalculationPeriodDates**

**170.2.6574 UnderlyingStreamCalculationFrequencyUnit**

Time unit associated with the frequency at which calculation period end dates occur.

Type: **String**

Allowed values in CouponFrequencyUnitCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
D	Day	Day
Wk	Week	Week
Mo	Month	Month
Yr	Year	Year
H	Hour	Hour
Min	Minute	Minute

---

Code	Name	Description
S	Second	Second
T	Term	Term

Used in components: [UnderlyingStreamCalculationPeriodDates](#)

### 170.2.6575 UnderlyingStreamCalculationPeriodBusinessCenter

The business center calendar used to adjust the calculation periods, e.g. "GBLO".

See <http://www.fpml.org/coding-scheme/business-center> for standard 4-character code values.

Type: [String](#)

Used in groups: [UnderlyingStreamCalculationPeriodBusinessCenterGrp](#)

### 170.2.6576 UnderlyingStreamCalculationPeriodBusinessCenterGrp

UnderlyingStreamCalculationPeriodBusinessCenterGrp is a repeating subcomponent within the UnderlyingStreamCalculationPeriodDates component. It is used to specify the set of business centers whose calendars drive the date adjustment. Used only to override the business centers defined in the UnderlyingDateAdjustment component within the UnderlyingInstrument component.

Name	Mult.	Type	Description
<a href="#">NoUnderlyingStreamCalculationPeriodBusinessCenters</a>	[1..1]	NumInGroup	
<a href="#">UnderlyingStreamCalculationPeriodBusinessCenter</a>	[0..1]	String	Required if <a href="#">NoUnderlyingStreamCalculationPeriodBusinessCenters(40973)</a> > 0.

Used in components: [UnderlyingStreamCalculationPeriodDates](#)

### 170.2.6577 UnderlyingStreamCalculationPeriodBusinessDayConvention

The business day convention used to adjust the calculation periods. Used only to override the business day convention specified in the UnderlyingDateAdjustment component within the UnderlyingInstrument component.

Type: [int](#)

Allowed values in BusinessDayConventionCodeSet:

Code	Name	Description
0	NotApplicable	Not applicable. Business day convention is not applicable.
1	None	None (current day)
2	FollowingDay	Following day. The following business day.
3	FloatingRateNote	Floating rate note. The FRN business day convention.
4	ModifiedFollowingDay	Modified following day. The modified following business day.
5	PrecedingDay	Preceding day. The preceding business day.
6	ModifiedPrecedingDay	Modified preceding day. The modified preceding business day.
7	NearestDay	Nearest day. The nearest applicable business day.

Used in components: [UnderlyingStreamCalculationPeriodDates](#)

#### 170.2.6578 UnderlyingStreamCalculationPeriodDate

The adjusted or unadjusted fixed calculation period date.

Type: [LocalMktDate](#)

Used in groups: [UnderlyingStreamCalculationPeriodDateGrp](#)

#### 170.2.6579 UnderlyingStreamCalculationPeriodDateGrp

The UnderlyingStreamCalculationPeriodDateGrp is a repeating subcomponent of the UnderlyingStreamCalculationPeriodDates component used to detail fixed dates for the swap stream.

Name	Mult.	Type	Description
<a href="#">NoUnderlyingStreamCalculationPeriodDates</a>	[1..1]	NumInGroup	
<a href="#">UnderlyingStreamCalculationPeriodDate</a>	[0..1]	LocalMktDate	Required if <a href="#">NoUnderlyingStreamCalculationPeriodDates(41954)</a> > 0.
<a href="#">UnderlyingStreamCalculationPeriodDateType</a>	[0..1]	CodeSet	When specified it applies not only to the current date but to all subsequent dates in the group until overridden with a new type.

Used in components: [UnderlyingStreamCalculationPeriodDates](#)

## 170.2.6580 UnderlyingStreamCalculationPeriodDates

UnderlyingStreamCalculationPeriodDates is a subcomponent of the UnderlyingStreamGrp component used to specify the calculation period dates of the stream.

Name	Mult.	Type	Description
UnderlyingStreamCalculationPeriod-DatesXID	[0..1]	XID	
UnderlyingStreamCalculationPeriod-DatesXIDRef	[0..1]	XIDREF	
UnderlyingStreamCalculationPeriod-BusinessDayConvention	[0..1]	CodeSet	When specified, this overrides the business day convention defined in the UnderlyingDateAdjustment component in UnderlyingInstrument. The specified value would be specific to this instance of the underlying instrument's calculation period dates.
UnderlyingStreamCalculationPeriod-BusinessCenterGrp	[0..*]	Group	When specified, this overrides the business centers defined in the UnderlyingDateAdjustment component in UnderlyingInstrument. The specified values would be specific to this instance of the underlying instrument's calculation period dates.
UnderlyingStreamCalculationPeriod-DateGrp	[0..*]	Group	
UnderlyingStreamFirstPeriodStartDateUnadjusted	[0..1]	LocalMktDate	
UnderlyingStreamFirstPeriodStartDateBusinessDayConvention	[0..1]	CodeSet	When specified, this overrides the business day convention defined in the UnderlyingDateAdjustment component in UnderlyingInstrument. The specified value would be specific to this instance of the underlying instrument's calculation period dates.
UnderlyingStreamFirstPeriodStartDateBusinessCenterGrp	[0..*]	Group	When specified, this overrides the business centers defined in the UnderlyingDateAdjustment component in UnderlyingInstrument. The specified values would be specific to this instance of the underlying instrument's calculation period dates.
UnderlyingStreamFirstPeriodStartDateAdjusted	[0..1]	LocalMktDate	
UnderlyingStreamFirstRegularPeriodStartDateUnadjusted	[0..1]	LocalMktDate	



Name	Mult.	Type	Description
<a href="#">UnderlyingStreamFirstCompounding-PeriodEndDateUnadjusted</a>	[0..1]	LocalMktDate	
<a href="#">UnderlyingStreamLastRegularPeriodEndDateUnadjusted</a>	[0..1]	LocalMktDate	
<a href="#">UnderlyingStreamCalculationFrequencyPeriod</a>	[0..1]	int	Conditionally required when <a href="#">UnderlyingStreamCalculationFrequencyUnit(40566)</a> is specified.
<a href="#">UnderlyingStreamCalculationFrequencyUnit</a>	[0..1]	CodeSet	Conditionally required when <a href="#">UnderlyingStreamCalculationFrequencyPeriod(40565)</a> is specified.
<a href="#">UnderlyingStreamCalculationRollConvention</a>	[0..1]	CodeSet	When specified, this overrides the date roll convention defined in the <a href="#">UnderlyingDateAdjustment</a> component in <a href="#">UnderlyingInstrument</a> . The specified values would be specific to this instance of the stream payment dates.
<a href="#">UnderlyingStreamCalculationBalanceOfFirstPeriod</a>	[0..1]	Boolean	
<a href="#">UnderlyingStreamCalculationCorrectionPeriod</a>	[0..1]	int	Conditionally required when <a href="#">UnderlyingStreamCalculationCorrectionUnit(41961)</a> is specified.
<a href="#">UnderlyingStreamCalculationCorrectionUnit</a>	[0..1]	CodeSet	Conditionally required when <a href="#">UnderlyingStreamCalculationCorrectionPeriod(41960)</a> is specified.

Used in groups: [UnderlyingStreamGrp](#)

### 170.2.6581 UnderlyingStreamCalculationPeriodDatesXID

Identifier of this calculation period for cross referencing elsewhere in the message.

Type: [XID](#)

Used in components: [UnderlyingStreamCalculationPeriodDates](#)

### 170.2.6582 UnderlyingStreamCalculationPeriodDatesXIDRef

Cross reference to another calculation period for duplicating its properties.

Type: [XIDREF](#)

Used in components: [UnderlyingStreamCalculationPeriodDates](#)

**170.2.6583 UnderlyingStreamCalculationPeriodDateType**

Specifies the type of fixed calculation period date. When specified it applies not only to the current date but to all subsequent dates in the group until overridden with a new type.

Type: **int**

Allowed values in OptionExerciseDateTypeCodeSet:

Code	Name	Description
0	Unadjusted	Unadjusted
1	Adjusted	Adjusted

Used in groups: **UnderlyingStreamCalculationPeriodDateGrp**

**170.2.6584 UnderlyingStreamCalculationRollConvention**

The convention for determining the sequence of end dates. It is used in conjunction with a specified frequency. Used only to override the roll convention specified in the UnderlyingDateAdjustment component within the UnderlyingInstrument component.

Type: **String**

Allowed values in DateRollConventionCodeSet:

Code	Name	Description
1	FirstDay	1st day of the month
2	SecondDay	2nd day of the month
3	ThirdDay	3rd day of the month
4	FourthDay	4th day of the month
5	FifthDay	5th day of the month
6	SixthDay	6th day of the month
7	SeventhDay	7th day of the month
8	EighthDay	8th day of the month
9	NinthDay	9th day of the month
10	TenthDay	10th day of the month
11	EleventhDay	11th day of the month
12	TwelvthDay	12th day of the month

<b>Code</b>	<b>Name</b>	<b>Description</b>
13	ThirteenthDay	13th day of the month
14	ForteenthDay	14th day of the month
15	FifteenthDay	15th day of the month
16	SixteenthDay	16th day of the month
17	SeventeenthDay	17th day of the month
18	EighteenthDay	18th day of the month
19	NineteenthDay	19th day of the month
20	TwentiethDay	20th day of the month
21	TwentyFirstDay	21st day of the month
22	TwentySecondDay	22nd day of the month
23	TwentyThirdDay	23rd day of the month
24	TwentyFourthDay	24th day of the month
25	TwentyFifthDay	25th day of the month
26	TwentySixthDay	26th day of the month
27	TwentySeventhDay	27th day of the month
28	TwentyEighthDay	28th day of the month
29	TwentyNinthDay	29th day of the month
30	ThirtiethDay	30th day of the month
EOM	EOM	The end of the month. Use EOM for 31st day of the month.
FRN	FRN	The floating rate note convention or Eurodollar convention.
IMM	IMM	The International Money Market settlement date, i.e. the 3rd Wednesday of the month.
IMMCAD	IMMCAD	The last trading day/expiration day of the Canadian Derivatives Exchange.
IMMAUD	IMMAUD	The last trading day of the Sydney Futures Exchange Australian 90-day bank accepted bill futures contract.
IMMNZD	IMMNZD	The last trading day of the Sydney Futures Exchange New Zealand 90-day bank bill futures contract.
SFE	SFE	The Sydney Futures Exchange 90-day bank accepted bill futures settlement dates.
NONE	NONE	No adjustment
TBILL	TBILL	The 13-week and 26-week U.S. Treasury Bill auction dates.
MON	MON	Monday
TUE	TUE	Tuesday
WED	WED	Wednesday

---

Code	Name	Description
THU	THU	Thursday
FRI	FRI	Friday
SAT	SAT	Saturday
SUN	SUN	Sunday

---

Used in components: [UnderlyingStreamCalculationPeriodDates](#)

### 170.2.6585 UnderlyingStreamCommodityAltID

Alternate security identifier value for the commodity.

Type: [String](#)

Used in groups: [UnderlyingStreamCommodityAltIDGrp](#)

### 170.2.6586 UnderlyingStreamCommodityAltIDGrp

UnderlyingStreamCommodityAltIDGrp is a subcomponent of the UnderlyingStreamCommodity component used to specify alternate identifiers.

---

Name	Mult.	Type	Description
<a href="#">NoUnderlyingStreamCommodityAltIDs</a>	[1..1]	NumInGroup	
<a href="#">UnderlyingStreamCommodityAltID</a>	[0..1]	String	Required if <a href="#">NoUnderlyingStreamCommodityAltIDs(41990)</a> > 0.
<a href="#">UnderlyingStreamCommodityAltID-Source</a>	[0..1]	String	Required if <a href="#">NoUnderlyingStreamCommodityAltIDs(41990)</a> > 0.

---

Used in components: [UnderlyingStreamCommodity](#)

### 170.2.6587 UnderlyingStreamCommodityAltIDSource

Identifies the class or source of the alternate commodity security identifier.

Type: [String](#)

Used in groups: [UnderlyingStreamCommodityAltIDGrp](#)

**170.2.6588 UnderlyingStreamCommodityBase**

Specifies the general base type of the commodity traded. Where possible, this should follow the naming convention used in the 2005 ISDA Commodity Definitions.

Type: **String**

Used in components: **UnderlyingStreamCommodity**

**170.2.6589 UnderlyingStreamCommodity**

UnderlyingStreamCommodity is a subcomponent of the UnderlyingStream component used to identify and describe the underlying commodity.

Name	Mult.	Type	Description
<b>UnderlyingStreamCommodityBase</b>	[0..1]	String	
<b>UnderlyingStreamCommodityType</b>	[0..1]	String	
<b>UnderlyingStreamCommoditySecurityID</b>	[0..1]	String	Conditionally required when UnderlyingStreamCommoditySecurityIDSource(41967) is specified.
<b>UnderlyingStreamCommoditySecurityIDSource</b>	[0..1]	CodeSet	Conditionally required when UnderlyingStreamCommoditySecurityID(41966) is specified.
<b>UnderlyingStreamCommodityAltIDGrp</b>	[0..*]	Group	
<b>UnderlyingStreamCommodityDesc</b>	[0..1]	String	
<b>EncodedUnderlyingStreamCommodityDescLen</b>	[0..1]	Length	Must be set if EncodedUnderlyingStreamCommodityDesc(41970) field is specified and must immediately precede it.
<b>EncodedUnderlyingStreamCommodityDesc</b>	[0..1]	data	Encoded (non-ASCII characters) representation of the UnderlyingStreamCommodityDesc(41968) field in the encoded format specified via the MessageEncoding(347) field.
<b>UnderlyingStreamCommodityDeliveryPricingRegion</b>	[0..1]	String	May be used to specify the delivery or pricing region of a non-standard commodity swap contract (e.g. when InstrAttribType(871)=38 (US standard contract indicator) and InstrAttribValue(872)=N).
<b>UnderlyingStreamAssetAttributeGrp</b>	[0..*]	Group	
<b>UnderlyingStreamCommodityUnitOfMeasure</b>	[0..1]	CodeSet	
<b>UnderlyingStreamCommodityCurrency</b>	[0..1]	Currency	

Name	Mult.	Type	Description
UnderlyingStreamCommodityExchange	[0..1]	Exchange	
UnderlyingStreamCommodityRateSource	[0..1]	int	
UnderlyingStreamCommodityRateReferencePage	[0..1]	String	
UnderlyingStreamCommodityRateReferencePageHeading	[0..1]	String	
UnderlyingStreamDataProvider	[0..1]	String	
UnderlyingStreamCommodityDataSourceGrp	[0..*]	Group	
UnderlyingStreamCommodityPricingType	[0..1]	String	
UnderlyingStreamCommodityNearbySettlDayPeriod	[0..1]	int	Conditionally required when UnderlyingStreamCommodityNearbySettlDayUnit(41980) is specified.
UnderlyingStreamCommodityNearbySettlDayUnit	[0..1]	CodeSet	Conditionally required when UnderlyingStreamCommodityNearbySettlDayPeriod(41979) is specified.
UnderlyingStreamCommoditySettlDateUnadjusted	[0..1]	LocalMktDate	
UnderlyingStreamCommoditySettlDateBusinessDayConvention	[0..1]	CodeSet	When specified, this overrides the business day convention defined in the UnderlyingDateAdjustment component in UnderlyingInstrument. The specified value would be specific to the underlying settlement dates.
UnderlyingStreamCommoditySettlBusinessCenterGrp	[0..*]	Group	When specified, this overrides the business centers defined in the UnderlyingDateAdjustment component in UnderlyingInstrument. The specified values would be specific to the settlement dates.
UnderlyingStreamCommoditySettlDateAdjusted	[0..1]	LocalMktDate	
UnderlyingStreamCommoditySettlMonth	[0..1]	int	
UnderlyingStreamCommoditySettlDateRollPeriod	[0..1]	int	Conditionally required when UnderlyingStreamCommoditySettlDateRollUnit(41986) is specified.
UnderlyingStreamCommoditySettlDateRollUnit	[0..1]	CodeSet	Conditionally required when UnderlyingStreamCommoditySettlDateRollPeriod(41985) is specified.

Name	Mult.	Type	Description
<a href="#">UnderlyingStreamCommoditySettleDayType</a>	[0..1]	CodeSet	
<a href="#">UnderlyingStreamCommoditySettlePeriodGrp</a>	[0..*]	Group	
<a href="#">UnderlyingStreamCommodityXID</a>	[0..1]	XID	
<a href="#">UnderlyingStreamCommodityXIDRef</a>	[0..1]	XIDREF	

Used in groups: [UnderlyingStreamGrp](#)

### 170.2.6590 UnderlyingStreamCommodityCurrency

Identifies the currency of the commodity asset. Uses ISO 4217 currency codes.

Type: [Currency](#)

Used in components: [UnderlyingStreamCommodity](#)

### 170.2.6591 UnderlyingStreamCommodityDataSourceGrp

[UnderlyingStreamCommodityDataSourceGrp](#) is a subcomponent of the [UnderlyingStreamCommodity](#) component used to specify sources of data, e.g. weather stations. The order of entry determines priority – first is the main source, second is fallback, third is second fallback.

Name	Mult.	Type	Description
<a href="#">NoUnderlyingStreamCommodityDataSources</a>	[1..1]	NumInGroup	
<a href="#">UnderlyingStreamCommodityDataSourceID</a>	[0..1]	String	Required if <a href="#">NoUnderlyingStreamCommodityDataSources(41993)</a> > 0.
<a href="#">UnderlyingStreamCommodityDataSourceIDType</a>	[0..1]	CodeSet	Required if <a href="#">NoUnderlyingStreamCommodityDataSources(41993)</a> > 0.

Used in components: [UnderlyingStreamCommodity](#)

### 170.2.6592 UnderlyingStreamCommodityDataSourceID

Data source identifier.

Type: **String**

Used in groups: **UnderlyingStreamCommodityDataSourceGrp**

### **170.2.6593 UnderlyingStreamCommodityDataSourceIDType**

Specifies the type of data source identifier.

Type: **int**

Allowed values in StreamCommodityDataSourceIDTypeCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	City	City (4 character business center code)
1	Airport	Airport (IATA standard)
2	WeatherStation	Weather station WBAN (Weather Bureau Army Navy)
3	WeatherIndex	Weather index WMO (World Meteorological Organization)

---

Used in groups: **UnderlyingStreamCommodityDataSourceGrp**

### **170.2.6594 UnderlyingStreamCommodityDeliveryPricingRegion**

The delivery or pricing region associated with the commodity swap. See [http://www.ecfr.gov/cgi-bin/text-idx?SID=660d6a40f836aa6ddf213cba080c5b22&node=ap17.2.43\\_17.e&rgn=div9](http://www.ecfr.gov/cgi-bin/text-idx?SID=660d6a40f836aa6ddf213cba080c5b22&node=ap17.2.43_17.e&rgn=div9) for the external code list.

Type: **String**

Used in components: **UnderlyingStreamCommodity**

### **170.2.6595 UnderlyingStreamCommodityDesc**

Description of the commodity asset.

Type: **String**

Used in components: **UnderlyingStreamCommodity**



**170.2.6596 UnderlyingStreamCommodityExchange**

Identifies the exchange where the commodity is traded.

Type: **Exchange**

Used in components: **UnderlyingStreamCommodity**

**170.2.6597 UnderlyingStreamCommodityNearbySettlDayPeriod**

Time unit multiplier for the nearby settlement day.

Type: **int**

Used in components: **UnderlyingStreamCommodity**

**170.2.6598 UnderlyingStreamCommodityNearbySettlDayUnit**

Time unit associated with the nearby settlement day.

Type: **String**

Allowed values in StreamCommodityNearbySettlDayUnitCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
Wk	Week	Week
Mo	Month	Month

---

Used in components: **UnderlyingStreamCommodity**

**170.2.6599 UnderlyingStreamCommodityPricingType**

Specifies how the pricing or rate setting of the trade is to be determined or based upon.

See [http://www.fixtradingcommunity.org/codelists#Commodity\\_Rate\\_Pricing\\_Type](http://www.fixtradingcommunity.org/codelists#Commodity_Rate_Pricing_Type) for code list of applicable commodity pricing types.

Type: **String**

Used in components: **UnderlyingStreamCommodity**

### **170.2.6600 UnderlyingStreamCommodityRateReferencePage**

Identifies the reference "page" from the rate source.

Type: **String**

Used in components: **UnderlyingStreamCommodity**

### **170.2.6601 UnderlyingStreamCommodityRateReferencePageHeading**

Identifies the page heading from the rate source.

Type: **String**

Used in components: **UnderlyingStreamCommodity**

### **170.2.6602 UnderlyingStreamCommodityRateSource**

Identifies the source of rate information used for commodities.

See [http://www.fixtradingcommunity.org/codelists#Commodity\\_Rate\\_Source](http://www.fixtradingcommunity.org/codelists#Commodity_Rate_Source) for code list of applicable sources.

Type: **int**

Used in components: **UnderlyingStreamCommodity**

### **170.2.6603 UnderlyingStreamCommoditySecurityID**

Specifies the market identifier for the commodity.

Type: **String**

Used in components: **UnderlyingStreamCommodity**

### **170.2.6604 UnderlyingStreamCommoditySecurityIDSource**

Identifies the class or source of the UnderlyingStreamCommoditySecurityIDSource(41966) value.

Type: **String**

Allowed values in SecurityIDSourceCodeSet:

<b>Code</b>	<b>Name</b>	<b>Description</b>
1	CUSIP	CUSIP
2	SEDOL	SEDOL
3	QUIK	QUIK
4	ISINNumber	ISIN
5	RICCode	RIC
6	ISOCurrencyCode	ISO Currency Code (ISO 4217)
7	ISOCountryCode	ISO Country Code
8	ExchangeSymbol	Exchange symbol
9	ConsolidatedTapeAssociation	Consolidated Tape Association (CTA) Symbol (SIAC CTS/CQS line format)
A	BloombergSymbol	Bloomberg Symbol
B	Wertpapier	Wertpapier
C	Dutch	Dutch
D	Valoren	Valoren
E	Sicovam	Sicovam
F	Belgian	Belgian
G	Common	"Common" (Clearstream and Euroclear)
H	ClearingHouse	Clearing house / Clearing organization
I	ISDAFpMLSpecification	ISDA/FpML product specification (XML in SecurityXML(1185))
J	OptionPriceReportingAuthority	Option Price Reporting Authority
K	ISDAFpMLURL	ISDA/FpML product URL (URL in SecurityID(48))
L	LetterOfCredit	Letter of credit
M	MarketplaceAssignedIdentifier	Marketplace-assigned Identifier
N	MarkitREDEntityCLIP	Markit RED entity CLIP
P	MarkitREDPairCLIP	Markit RED pair CLIP
Q	CFTCCommodityCode	CFTC commodity code
R	ISDACommodityReferencePrice	ISDA Commodity Reference Price
S	FinancialInstrumentGlobalIdentifier	Financial Instrument Global Identifier. An Object Management Group (OMG) standard. Also referred to as FIGI. Formerly known as "Bloomberg Open Symbology BBGID".
T	LegalEntityIdentifier	Legal entity identifier
U	Synthetic	Synthetic. Used to specify that the security identifier is synthetic for linking nested underliers when there is no market identifier for the collection.
V	FidessaInstrumentMnemonic	Fidessa Instrument Mnemonic (FIM)

Code	Name	Description
W	IndexName	Index name. Standard name of the index or rate index, e.g. "LIBOR" or "iTraxx Australia".
X	UniformSymbol	Uniform Symbol (UMTF Symbol)
Y	DigitalTokenIdentifier	Digital Token Identifier (ISO 24165)

Used in components: [UnderlyingStreamCommodity](#)

### 170.2.6605 UnderlyingStreamCommoditySettlBusinessCenter

The business center calendar used to adjust the commodity delivery date, e.g. "GBLO".

See <http://www.fpml.org/coding-scheme/business-center> for standard 4-character code values.

Type: [String](#)

Used in groups: [UnderlyingStreamCommoditySettlBusinessCenterGrp](#)

### 170.2.6606 UnderlyingStreamCommoditySettlBusinessCenterGrp

UnderlyingStreamCommoditySettlBusinessCenterGrp is a repeating subcomponent of the UnderlyingStreamCommodity component used to specify the set of business centers whose calendars drive date adjustment. Used only to override the business centers defined in the UnderlyingDateAdjustment component in UnderlyingInstrument.

Name	Mult.	Type	Description
<a href="#">NoUnderlyingStreamCommoditySettlBusinessCenters</a>	[1..1]	NumInGroup	
<a href="#">UnderlyingStreamCommoditySettlBusinessCenter</a>	[0..1]	String	Required if <a href="#">NoUnderlyingStreamCommoditySettlBusinessCenters(41962)</a> > 0.

Used in components: [UnderlyingStreamCommodity](#)

### 170.2.6607 UnderlyingStreamCommoditySettlCountry

Specifies the country where delivery takes place. Uses ISO 3166 2-character country code.

Type: [Country](#)

Used in groups: [UnderlyingStreamCommoditySettlPeriodGrp](#)

**170.2.6608 UnderlyingStreamCommoditySettlDateAdjusted**

The adjusted commodity delivery date.

Type: [LocalMktDate](#)

Used in components: [UnderlyingStreamCommodity](#)

**170.2.6609 UnderlyingStreamCommoditySettlDateBusinessDayConvention**

The business day convention used to adjust the commodity delivery date. Used only to override the business day convention specified in the UnderlyingDateAdjustment component within the UnderlyingInstrument component.

Type: [int](#)

Allowed values in BusinessDayConventionCodeSet:

Code	Name	Description
0	NotApplicable	Not applicable. Business day convention is not applicable.
1	None	None (current day)
2	FollowingDay	Following day. The following business day.
3	FloatingRateNote	Floating rate note. The FRN business day convention.
4	ModifiedFollowingDay	Modified following day. The modified following business day.
5	PrecedingDay	Preceding day. The preceding business day.
6	ModifiedPrecedingDay	Modified preceding day. The modified preceding business day.
7	NearestDay	Nearest day. The nearest applicable business day.

Used in components: [UnderlyingStreamCommodity](#)

**170.2.6610 UnderlyingStreamCommoditySettlDateRollPeriod**

Time unit multiplier for the commodity delivery date roll.

Type: [int](#)

Used in components: [UnderlyingStreamCommodity](#)

**170.2.6611 UnderlyingStreamCommoditySettlDateRollUnit**

Time unit associated with the commodity delivery date roll.

Type: **String**

Allowed values in StreamCommoditySettlDateRollUnitCodeSet:

---

Code	Name	Description
D	Day	Day

---

Used in components: **UnderlyingStreamCommodity**

**170.2.6612 UnderlyingStreamCommoditySettlDateUnadjusted**

The unadjusted commodity delivery date.

Type: **LocalMktDate**

Used in components: **UnderlyingStreamCommodity**

**170.2.6613 UnderlyingStreamCommoditySettlDay**

Specifies the day or group of days for delivery.

Type: **int**

Allowed values in DeliveryScheduleSettlDayCodeSet:

---

Code	Name	Description
1	Monday	Monday
2	Tuesday	Tuesday
3	Wednesday	Wednesday
4	Thursday	Thursday
5	Friday	Friday
6	Saturday	Saturday
7	Sunday	Sunday
8	AllWeekdays	All weekdays
9	AllDays	All days

---

Code	Name	Description
10	AllWeekends	All weekends

Used in groups: [UnderlyingStreamCommoditySettlDayGrp](#)

### 170.2.6614 UnderlyingStreamCommoditySettlDayGrp

The UnderlyingStreamCommoditySettlDayGrp is a repeating subcomponent of the UnderlyingStreamCommoditySettlPeriodGrp component used to define the settlement days associated with the commodity contract.

Name	Mult.	Type	Description
<a href="#">NoUnderlyingStreamCommoditySettlDays</a>	[1..1]	NumInGroup	
<a href="#">UnderlyingStreamCommoditySettlDay</a>	[0..1]	CodeSet	Required if <a href="#">NoUnderlyingStreamCommoditySettlDays</a> (41996) > 0.
<a href="#">UnderlyingStreamCommoditySettlTotalHours</a>	[0..1]	int	
<a href="#">UnderlyingStreamCommoditySettlTimeGrp</a>	[0..*]	Group	

Used in groups: [UnderlyingStreamCommoditySettlPeriodGrp](#)

### 170.2.6615 UnderlyingStreamCommoditySettlDayType

Specifies the commodity delivery roll day type.

Type: [int](#)

Allowed values in [ComplexEventDateOffsetDayTypeCodeSet](#):

Code	Name	Description
0	Business	Business
1	Calendar	Calendar
2	CommodityBusiness	Commodity business
3	CurrencyBusiness	Currency business

---

Code	Name	Description
4	ExchangeBusiness	Exchange business
5	ScheduledTradingDay	Scheduled trading day

---

Used in components: [UnderlyingStreamCommodity](#)

#### **170.2.6616 UnderlyingStreamCommoditySettleEnd**

The end time for commodity settlement where delivery occurs over time. The time format is specified by the settlement time type.

Type: [String](#)

Used in groups: [UnderlyingStreamCommoditySettleTimeGrp](#)

#### **170.2.6617 UnderlyingStreamCommoditySettleFlowType**

Specifies the commodity delivery flow type.

Type: [int](#)

Allowed values in DeliveryScheduleSettleFlowTypeCodeSet:

---

Code	Name	Description
0	AllTimes	All times
1	OnPeak	On peak
2	OffPeak	Off peak
3	Base	Base
4	BlockHours	Block hours
5	Other	Other

---

Used in groups: [UnderlyingStreamCommoditySettlePeriodGrp](#)

#### **170.2.6618 UnderlyingStreamCommoditySettleHolidaysProcessingInstruction**

Indicates whether holidays are included in the settlement periods. Required for electricity contracts.

Type: [int](#)



Allowed values in DeliveryScheduleSettlHolidaysProcessingInstructionCodeSet:

Code	Name	Description
0	DoNotIncludeHolidays	Do not include holidays
1	IncludeHolidays	Include holidays

Used in groups: [UnderlyingStreamCommoditySettlPeriodGrp](#)

#### **170.2.6619 UnderlyingStreamCommoditySettlMonth**

Specifies a fixed single month for commodity delivery.

Type: [int](#)

Used in components: [UnderlyingStreamCommodity](#)

#### **170.2.6620 UnderlyingStreamCommoditySettlPeriodFrequencyPeriod**

Time unit multiplier for the settlement period frequency.

Type: [int](#)

Used in groups: [UnderlyingStreamCommoditySettlPeriodGrp](#)

#### **170.2.6621 UnderlyingStreamCommoditySettlPeriodFrequencyUnit**

Time unit associated with the settlement period frequency.

Type: [String](#)

Allowed values in ProtectionTermEventUnitCodeSet:

Code	Name	Description
D	Day	Day
Wk	Week	Week
Mo	Month	Month
Yr	Year	Year

Used in groups: [UnderlyingStreamCommoditySettlPeriodGrp](#)

**170.2.6622 UnderlyingStreamCommoditySettlPeriodGrp**

The UnderlyingStreamCommoditySettlPeriodGrp is a repeating subcomponent of the UnderlyingStreamCommodity component used to defined the settlement period details associated with the commodity contract.

<b>Name</b>	<b>Mult.</b>	<b>Type</b>	<b>Description</b>
NoUnderlyingStreamCommoditySettlPeriods	[1..1]	NumInGroup	
UnderlyingStreamCommoditySettlCountry	[0..1]	Country	Required if NoUnderlyingStreamCommoditySettlPeriods(42002) > 0.
UnderlyingStreamCommoditySettlTimeZone	[0..1]	String	
UnderlyingStreamCommoditySettlFlowType	[0..1]	CodeSet	
UnderlyingStreamCommoditySettlPeriodNotional	[0..1]	Qty	
UnderlyingStreamCommoditySettlPeriodNotionalUnitOfMeasure	[0..1]	CodeSet	
UnderlyingStreamCommoditySettlPeriodFrequencyPeriod	[0..1]	int	Conditionally required when UnderlyingStreamCommoditySettlPeriodFrequencyUnit(42009) is specified.
UnderlyingStreamCommoditySettlPeriodFrequencyUnit	[0..1]	CodeSet	Conditionally required when UnderlyingStreamCommoditySettlPeriodFrequencyPeriod(42008) is specified.
UnderlyingStreamCommoditySettlPeriodPrice	[0..1]	Price	
UnderlyingStreamCommoditySettlPeriodPriceUnitOfMeasure	[0..1]	CodeSet	
UnderlyingStreamCommoditySettlPeriodPriceCurrency	[0..1]	Currency	
UnderlyingStreamCommoditySettlHolidaysProcessingInstruction	[0..1]	CodeSet	
UnderlyingStreamCommoditySettlDayGrp	[0..*]	Group	
UnderlyingStreamCommoditySettlPeriodXID	[0..1]	XID	
UnderlyingStreamCommoditySettlPeriodXIDRef	[0..1]	XIDREF	

Used in components: [UnderlyingStreamCommodity](#)

### **170.2.6623 UnderlyingStreamCommoditySettlPeriodNotional**

Specifies the delivery quantity associated with this settlement period.

Type: [Qty](#)

Used in groups: [UnderlyingStreamCommoditySettlPeriodGrp](#)

### **170.2.6624 UnderlyingStreamCommoditySettlPeriodNotionalUnitOfMeasure**

Specifies the unit of measure (UOM) of the delivery quantity associated with this settlement period.

Type: [String](#)

Allowed values in UnitOfMeasureCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
Alw	Allowances	Allowances
Bcf	BillionCubicFeet	Billion cubic feet
Bbl	Barrels	Barrels. Equal to 42 US gallons
CBM	CubicMeters	Cubic Meters
BDFT	BoardFeet	Board feet. Equal to 144 cubic inches
GJ	Gigajoules	gigajoules
Bu	Bushels	Bushels
kHR	HeatRate	Heat rate. The number of BTUs required to produce one kilowatt hour of electricity, typically 3,412.14 BTUs per 1 kWh.
Ccy	Currency	Amount of currency
kWh	KilowattHours	Kilowatt hours
CDD	CoolingDegreeDay	Cooling degree day
MHR	MegaHeatRate	Mega heat rate. The number of million BTUs required to produce one megawatt hour of electricity, typically 3.41214 million BTUs per 1 MWh.
CER	CertifiedEmissionsReduction	Certified emissions reduction
MMBtu	OneMillionBTU	One Million BTU
CPD	CriticalPrecipDay	Critical precipitation day
MWh	MegawattHours	Megawatt hours
CRT	ClimateReserveTonnes	Climate reserve tonnes

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
thm	Therms	therms. Equal to 100,000 BTU
cwt	Hundredweight	Hundredweight(US). Equal to 100 lbs
tnCO2	TonsOfCarbonDioxide	Tons of carbon dioxide
day	Day	Days
dt	DryMetricTons	Dry metric tons
EnvAllwnc	EnvAllwncCert	Environmental allowance certificates
EnvCrd	EnvironmentalCredit	Environmental credit
EnvOfst	EnvironmentalOffset	Environmental Offset
g	Grams	Grams
Gal	Gallons	Gallons
GT	GrossTons	Gross tons. Also known as long tons or imperial tons, equal to 2240 lbs
HDD	HeatingDegreeDay	Heating degree day
IPNT	IndexPoint	Index point
kg	Kilograms	Kilograms
kL	Kiloliters	kiloliters
kW-a	KilowattYear	Kilowatt year (electrical capacity)
kW-d	KilowattDay	Kilowatt day (electrical capacity)
kW-h	KilowattHour	Kilowatt hour (electrical capacity)
kW-M	KilowattMonth	Kilowatt month (electrical capacity)
kW-min	KilowattMinute	Kilowatt-Minute (electrical capacity)
L	Liters	liters
lbs	Pounds	pounds
MW-a	MegawattYear	Megawatt year (electrical capacity)
MW-d	MegawattDay	Megawatt day (electrical capacity)
MW-h	MegawattHour	Megawatt hour (electrical capacity)
MW-M	MegawattMonth	Megawatt month (electrical capacity)
MW-min	MegawattMinute	Megawatt minute (electrical capacity)
oz_tr	TroyOunces	Troy ounces
PRINC	PrincipalWithRelationToDebtInstrument	Principal with relation to debt instrument
t	MetricTons	Metric tons. Also known as Tonnes, equal to 1000 kg
tn	Tons	Tons (US). Equal to 2000 lbs
a	Are	Are
ac	Acre	Acre

<b>Code</b>	<b>Name</b>	<b>Description</b>
cL	Centiliter	Centiliter
cM	Centimeter	Centimeter
DGE	DieselGallonEquivalent	Diesel gallon equivalent
ft	Foot	Foot
Gal_gb	GBGallon	GB Gallon
GGE	GasolineGallonEquivalent	Gasonline gallon equivalent
ha	Hectare	Hectare
in	Inch	Inch
kM	Kilometer	Kilometer
M	Meter	Meter
mi	Mile	Mile
mL	Milliliter	Milliliter
mM	Millimeter	Millimeter
oz	USOunce	US ounce
pc	Piece	Piece
pt	USPint	US Pint
pt_gb	GBPint	GB pint
qt	USQuart	US Quart
qt_gb	GBQuart	GB Quart
SqcM	SquareCentimeter	Square centimeter
Sqft	SquareFoot	Square foot
Sqin	SquareInch	Square inch
SqkM	SquareKilometer	Square kilometer
SqM	SquareMeter	Square meter
Sqmi	SquareMile	Square mile
SqmM	SquareMillimeter	Square millimeter
Sqyd	SquareYard	Square yard
yd	Yard	Yard
MMbbl	MillionBarrels	Million Barrels
USD	USDollars	US Dollars

Used in groups: [UnderlyingStreamCommoditySettlPeriodGrp](#)

**170.2.6625 UnderlyingStreamCommoditySettlPeriodPrice**

The settlement period price.

Type: **Price**

Used in groups: **UnderlyingStreamCommoditySettlPeriodGrp**

**170.2.6626 UnderlyingStreamCommoditySettlPeriodPriceCurrency**

The currency of the settlement period price. Uses ISO 4217 currency codes.

Type: **Currency**

Used in groups: **UnderlyingStreamCommoditySettlPeriodGrp**

**170.2.6627 UnderlyingStreamCommoditySettlPeriodPriceUnitOfMeasure**

Specifies the settlement period price unit of measure (UOM).

Type: **String**

Allowed values in UnitOfMeasureCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
Alw	Allowances	Allowances
Bcf	BillionCubicFeet	Billion cubic feet
Bbl	Barrels	Barrels. Equal to 42 US gallons
CBM	CubicMeters	Cubic Meters
BDFT	BoardFeet	Board feet. Equal to 144 cubic inches
GJ	Gigajoules	gigajoules
Bu	Bushels	Bushels
kHR	HeatRate	Heat rate. The number of BTUs required to produce one kilowatt hour of electricity, typically 3,412.14 BTUs per 1 kWh.
Ccy	Currency	Amount of currency
kWh	KilowattHours	Kilowatt hours
CDD	CoolingDegreeDay	Cooling degree day
MHR	MegaHeatRate	Mega heat rate. The number of million BTUs required to produce one megawatt hour of electricity, typically 3.41214 million BTUs per 1 MWh.
CER	CertifiedEmissionsReduction	Certified emissions reduction

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
MMBtu	OneMillionBTU	One Million BTU
CPD	CriticalPrecipDay	Critical precipitation day
MWh	MegawattHours	Megawatt hours
CRT	ClimateReserveTonnes	Climate reserve tonnes
thm	Therms	therms. Equal to 100,000 BTU
cwt	Hundredweight	Hundredweight(US). Equal to 100 lbs
tnCO2	TonsOfCarbonDioxide	Tons of carbon dioxide
day	Day	Days
dt	DryMetricTons	Dry metric tons
EnvAllwnc	EnvAllwncCert	Environmental allowance certificates
EnvCrd	EnvironmentalCredit	Environmental credit
EnvOfst	EnvironmentalOffset	Environmental Offset
g	Grams	Grams
Gal	Gallons	Gallons
GT	GrossTons	Gross tons. Also known as long tons or imperial tons, equal to 2240 lbs
HDD	HeatingDegreeDay	Heating degree day
IPNT	IndexPoint	Index point
kg	Kilograms	Kilograms
kL	Kiloliters	kiloliters
kW-a	KilowattYear	Kilowatt year (electrical capacity)
kW-d	KilowattDay	Kilowatt day (electrical capacity)
kW-h	KilowattHour	Kilowatt hour (electrical capacity)
kW-M	KilowattMonth	Kilowatt month (electrical capacity)
kW-min	KilowattMinute	Kilowatt-Minute (electrical capacity)
L	Liters	liters
lbs	Pounds	pounds
MW-a	MegawattYear	Megawatt year (electrical capacity)
MW-d	MegawattDay	Megawatt day (electrical capacity)
MW-h	MegawattHour	Megawatt hour (electrical capacity)
MW-M	MegawattMonth	Megawatt month (electrical capacity)
MW-min	MegawattMinute	Megawatt minute (electrical capacity)
oz_tr	TroyOunces	Troy ounces
PRINC	PrincipalWithRelationToDebtInstru- ment	Principal with relation to debt instrument

<b>Code</b>	<b>Name</b>	<b>Description</b>
t	MetricTons	Metric tons. Also known as Tonnes, equal to 1000 kg
tn	Tons	Tons (US). Equal to 2000 lbs
a	Are	Are
ac	Acre	Acre
cL	Centiliter	Centiliter
cM	Centimeter	Centimeter
DGE	DieselGallonEquivalent	Diesel gallon equivalent
ft	Foot	Foot
Gal_gb	GBGallon	GB Gallon
GGE	GasolineGallonEquivalent	Gasonline gallon equivalent
ha	Hectare	Hectare
in	Inch	Inch
kM	Kilometer	Kilometer
M	Meter	Meter
mi	Mile	Mile
mL	Milliliter	Milliliter
mM	Millimeter	Millimeter
oz	USOunce	US ounce
pc	Piece	Piece
pt	USPint	US Pint
pt_gb	GBPint	GB pint
qt	USQuart	US Quart
qt_gb	GBQuart	GB Quart
SqcM	SquareCentimeter	Square centimeter
Sqft	SquareFoot	Square foot
Sqin	SquareInch	Square inch
SqkM	SquareKilometer	Square kilometer
SqM	SquareMeter	Square meter
Sqmi	SquareMile	Square mile
SqmM	SquareMillimeter	Square millimeter
Sqyd	SquareYard	Square yard
yd	Yard	Yard
MMbbl	MillionBarrels	Million Barrels
USD	USDollars	US Dollars



Used in groups: [UnderlyingStreamCommoditySettlPeriodGrp](#)

### **170.2.6628 UnderlyingStreamCommoditySettlPeriodXID**

Identifier of this settlement period for cross referencing elsewhere in the message.

Type: [XID](#)

Used in groups: [UnderlyingStreamCommoditySettlPeriodGrp](#)

### **170.2.6629 UnderlyingStreamCommoditySettlPeriodXIDRef**

Cross reference to another settlement period for duplicating its properties.

Type: [XIDREF](#)

Used in groups: [UnderlyingStreamCommoditySettlPeriodGrp](#)

### **170.2.6630 UnderlyingStreamCommoditySettlStart**

The start time for commodity settlement where delivery occurs over time. The time format is specified by the settlement time type.

Type: [String](#)

Used in groups: [UnderlyingStreamCommoditySettlTimeGrp](#)

### **170.2.6631 UnderlyingStreamCommoditySettlTimeGrp**

The [UnderlyingStreamCommoditySettlTimeGrp](#) is a repeating subcomponent of the [UnderlyingStreamCommoditySettlDayGrp](#) component used to define the settlement time periods associated with the commodity contract.

---

<b>Name</b>	<b>Mult.</b>	<b>Type</b>	<b>Description</b>
<a href="#">NoUnderlyingStreamCommoditySettlTimes</a>	[1..1]	NumInGroup	
<a href="#">UnderlyingStreamCommoditySettlStart</a>	[0..1]	String	Required if <a href="#">NoUnderlyingStreamCommoditySettlTimes(41999)</a> > 0.
<a href="#">UnderlyingStreamCommoditySettlEnd</a>	[0..1]	String	Required if <a href="#">NoUnderlyingStreamCommoditySettlTimes(41999)</a> > 0.

---

Name	Mult.	Type	Description
<b>UnderlyingStreamCommoditySettleTimeType</b>	[0..1]	CodeSet	May be defaulted to market convention or bilaterally agreed if not specified.

Used in groups: **UnderlyingStreamCommoditySettleDayGrp**

### 170.2.6632 UnderlyingStreamCommoditySettleTimeType

Specifies the format of the commodity settlement start and end times.

Type: **int**

Allowed values in DeliveryScheduleSettleTimeTypeCodeSet:

Code	Name	Description
0	Hour	Hour of the day. Applicable for electricity contracts. Time value is expressed as an integer hour of the day (1-24). The delivery start/end hour is specified as the end of the included hour. For example, a start hour of "4" begins at 3 a.m.; an end hour of "20" ends at 8 p.m.; a start hour of "1" and end hour of "24" indicates midnight to midnight delivery.
1	Timestamp	HH:MM time format. Applicable for gas contracts. Time value is expressed using a 24-hour time format. For example, a time value of "13:30" is 1:30 p.m.

Used in groups: **UnderlyingStreamCommoditySettleTimeGrp**

### 170.2.6633 UnderlyingStreamCommoditySettleTimeZone

Commodity delivery timezone specified as "prevailing" rather than "standard" or "daylight".

See [http://www.fixtradingcommunity.org/codelists#Prevailing\\_Timezones](http://www.fixtradingcommunity.org/codelists#Prevailing_Timezones) for code list of applicable prevailing timezones.

Type: **String**

Used in groups: **UnderlyingStreamCommoditySettlePeriodGrp**

**170.2.6634 UnderlyingStreamCommoditySettlTotalHours**

Sum of the hours specified in UnderlyingStreamCommoditySettlTimeGrp.

Type: **int**

Used in groups: **UnderlyingStreamCommoditySettlDayGrp**

**170.2.6635 UnderlyingStreamCommodityType**

Specifies the type of commodity product.

For coal see <http://www.fpml.org/coding-scheme/commodity-coal-product-type> for values.

For metals see <http://www.fpml.org/coding-scheme/commodity-metal-product-type> for values.

For bullion see [http://www.fixtradingcommunity.org/codelists#Bullion\\_Types](http://www.fixtradingcommunity.org/codelists#Bullion_Types) for the external code list of bullion types.

Type: **String**

Used in components: **UnderlyingStreamCommodity**

**170.2.6636 UnderlyingStreamCommodityUnitOfMeasure**

The unit of measure (UOM) of the commodity asset.

Type: **String**

Allowed values in UnitOfMeasureCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
Alw	Allowances	Allowances
Bcf	BillionCubicFeet	Billion cubic feet
Bbl	Barrels	Barrels. Equal to 42 US gallons
CBM	CubicMeters	Cubic Meters
BDFT	BoardFeet	Board feet. Equal to 144 cubic inches
GJ	Gigajoules	gigajoules
Bu	Bushels	Bushels
kHR	HeatRate	Heat rate. The number of BTUs required to produce one kilowatt hour of electricity, typically 3,412.14 BTUs per 1 kWh.
Ccy	Currency	Amount of currency
kWh	KilowattHours	Kilowatt hours

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
CDD	CoolingDegreeDay	Cooling degree day
MHR	MegaHeatRate	Mega heat rate. The number of million BTUs required to produce one megawatt hour of electricity, typically 3.41214 million BTUs per 1 MWh.
CER	CertifiedEmissionsReduction	Certified emissions reduction
MMBtu	OneMillionBTU	One Million BTU
CPD	CriticalPrecipDay	Critical precipitation day
MWh	MegawattHours	Megawatt hours
CRT	ClimateReserveTonnes	Climate reserve tonnes
thm	Therms	therms. Equal to 100,000 BTU
cwt	Hundredweight	Hundredweight(US). Equal to 100 lbs
tnCO2	TonsOfCarbonDioxide	Tons of carbon dioxide
day	Day	Days
dt	DryMetricTons	Dry metric tons
EnvAllwnc	EnvAllwncCert	Environmental allowance certificates
EnvCrd	EnvironmentalCredit	Environmental credit
EnvOfst	EnvironmentalOffset	Environmental Offset
g	Grams	Grams
Gal	Gallons	Gallons
GT	GrossTons	Gross tons. Also known as long tons or imperial tons, equal to 2240 lbs
HDD	HeatingDegreeDay	Heating degree day
IPNT	IndexPoint	Index point
kg	Kilograms	Kilograms
kL	Kiloliters	kiloliters
kW-a	KilowattYear	Kilowatt year (electrical capacity)
kW-d	KilowattDay	Kilowatt day (electrical capacity)
kW-h	KilowattHour	Kilowatt hour (electrical capacity)
kW-M	KilowattMonth	Kilowatt month (electrical capacity)
kW-min	KilowattMinute	Kilowatt-Minute (electrical capacity)
L	Liters	liters
lbs	Pounds	pounds
MW-a	MegawattYear	Megawatt year (electrical capacity)
MW-d	MegawattDay	Megawatt day (electrical capacity)
MW-h	MegawattHour	Megawatt hour (electrical capacity)

<b>Code</b>	<b>Name</b>	<b>Description</b>
MW-M	MegawattMonth	Megawatt month (electrical capacity)
MW-min	MegawattMinute	Megawatt minute (electrical capacity)
oz_tr	TroyOunces	Troy ounces
PRINC	PrincipalWithRelationToDebtInstrument	Principal with relation to debt instrument
t	MetricTons	Metric tons. Also known as Tonnes, equal to 1000 kg
tn	Tons	Tons (US). Equal to 2000 lbs
a	Are	Are
ac	Acre	Acre
cL	Centiliter	Centiliter
cM	Centimeter	Centimeter
DGE	DieselGallonEquivalent	Diesel gallon equivalent
ft	Foot	Foot
Gal_gb	GBGallon	GB Gallon
GGE	GasolineGallonEquivalent	Gasonline gallon equivalent
ha	Hectare	Hectare
in	Inch	Inch
kM	Kilometer	Kilometer
M	Meter	Meter
mi	Mile	Mile
mL	Milliliter	Milliliter
mM	Millimeter	Millimeter
oz	USOunce	US ounce
pc	Piece	Piece
pt	USPint	US Pint
pt_gb	GBPint	GB pint
qt	USQuart	US Quart
qt_gb	GBQuart	GB Quart
SqcM	SquareCentimeter	Square centimeter
Sqft	SquareFoot	Square foot
Sqin	SquareInch	Square inch
SqkM	SquareKilometer	Square kilometer
SqM	SquareMeter	Square meter
Sqmi	SquareMile	Square mile

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Code	Name	Description
SqmM	SquareMillimeter	Square millimeter
Sqyd	SquareYard	Square yard
yd	Yard	Yard
MMbbl	MillionBarrels	Million Barrels
USD	USDollars	US Dollars

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Used in components: [UnderlyingStreamCommodity](#)

#### **170.2.6637 UnderlyingStreamCommodityXID**

Identifier of this stream commodity for cross referencing elsewhere in the message.

Type: [XID](#)

Used in components: [UnderlyingStreamCommodity](#)

#### **170.2.6638 UnderlyingStreamCommodityXIDRef**

Reference to a stream commodity elsewhere in the message.

Type: [XIDREF](#)

Used in components: [UnderlyingStreamCommodity](#)

#### **170.2.6639 UnderlyingStreamCurrency**

Specifies the currency the UnderlyingStreamNotional(40545) is denominated in. Uses ISO 4217 currency codes.

Type: [Currency](#)

Used in groups: [UnderlyingStreamGrp](#)

#### **170.2.6640 UnderlyingStreamDataProvider**

Specifies the commodity data or information provider.

See <http://www.fpml.org/coding-scheme/commodity-information-provider> for values.

Type: **String**

Used in components: **UnderlyingStreamCommodity**

#### **170.2.6641 UnderlyingStreamDesc**

A short descriptive name given to payment stream. Eg. CDS, Fixed, Float, Float2, GBP. The description has no intrinsic meaning but should be arbitrarily chosen by the remitter as a reference.

Type: **String**

Used in groups: **UnderlyingStreamGrp**

#### **170.2.6642 UnderlyingStreamEffectiveDateAdjusted**

The adjusted effective date.

Type: **LocalMktDate**

Used in components: **UnderlyingStreamEffectiveDate**

#### **170.2.6643 UnderlyingStreamEffectiveDateBusinessCenter**

The business center calendar used to adjust the underlying instrument's stream's effective, or relative effective, date, e.g. "GBLO".

See <http://www.fpml.org/coding-scheme/business-center> for standard 4-character code values.

Type: **String**

Used in groups: **UnderlyingStreamEffectiveDateBusinessCenterGrp**

#### **170.2.6644 UnderlyingStreamEffectiveDateBusinessCenterGrp**

**UnderlyingStreamEffectiveDateBusinessCenterGrp** is a repeating subcomponent within the **UnderlyingStreamEffectiveDate** component. It is used to specify the set of business centers whose calendars drive the date adjustment. Used only to override the business centers defined in the **UnderlyingDateAdjustment** component within the **UnderlyingInstrument** component.

Name	Mult.	Type	Description
NoUnderlyingStreamEffectiveDate-BusinessCenters	[1..1]	NumInGroup	
UnderlyingStreamEffectiveDateBusinessCenter	[0..1]	String	Required if NoUnderlyingStreamEffectiveDate-BusinessCenters(40975) > 0.

Used in components: [UnderlyingStreamEffectiveDate](#)

### 170.2.6645 UnderlyingStreamEffectiveDateBusinessDayConvention

The business day convention used to adjust the underlying instrument's stream's effective, or relative effective, date. Used only to override the business day convention specified in the UnderlyingDateAdjustment component within the UnderlyingInstrument component.

Type: [int](#)

Allowed values in BusinessDayConventionCodeSet:

Code	Name	Description
0	NotApplicable	Not applicable. Business day convention is not applicable.
1	None	None (current day)
2	FollowingDay	Following day. The following business day.
3	FloatingRateNote	Floating rate note. The FRN business day convention.
4	ModifiedFollowingDay	Modified following day. The modified following business day.
5	PrecedingDay	Preceding day. The preceding business day.
6	ModifiedPrecedingDay	Modified preceding day. The modified preceding business day.
7	NearestDay	Nearest day. The nearest applicable business day.

Used in components: [UnderlyingStreamEffectiveDate](#)

### 170.2.6646 UnderlyingStreamEffectiveDate

UnderlyingStreamEffectiveDate is a subcomponent of the UnderlyingStreamGrp component used to specify the effective date of the stream.



Name	Mult.	Type	Description
<a href="#">UnderlyingStreamEffectiveDateUnadjusted</a>	[0..1]	LocalMktDate	
<a href="#">UnderlyingStreamEffectiveDateBusinessDayConvention</a>	[0..1]	CodeSet	When specified, this overrides the business day convention defined in the UnderlyingDateAdjustment component in UnderlyingInstrument. The specified value would be specific to this instance of the underlying instrument's stream effective dates.
<a href="#">UnderlyingStreamEffectiveDateBusinessCenterGrp</a>	[0..*]	Group	When specified, this overrides the business centers defined in the UnderlyingDateAdjustment component in UnderlyingInstrument. The specified values would be specific to this instance of the underlying instrument's stream effective dates.
<a href="#">UnderlyingStreamEffectiveDateRelativeTo</a>	[0..1]	int	
<a href="#">UnderlyingStreamEffectiveDateOffsetPeriod</a>	[0..1]	int	Conditionally required when UnderlyingStreamEffectiveDateOffsetUnit(40062) is specified.
<a href="#">UnderlyingStreamEffectiveDateOffsetUnit</a>	[0..1]	CodeSet	Conditionally required when UnderlyingStreamEffectiveDateOffsetPeriod(40061) is specified.
<a href="#">UnderlyingStreamEffectiveDateOffsetDayType</a>	[0..1]	CodeSet	
<a href="#">UnderlyingStreamEffectiveDateAdjusted</a>	[0..1]	LocalMktDate	

Used in groups: [UnderlyingStreamGrp](#)

### 170.2.6647 UnderlyingStreamEffectiveDateOffsetDayType

Specifies the day type of the relative effective date offset.

Type: [int](#)

Allowed values in PaymentStreamPaymentDateOffsetDayTypeCodeSet:

Code	Name	Description
0	Business	Business
1	Calendar	Calendar

---

Code	Name	Description
2	CommodityBusiness	Commodity business
3	CurrencyBusiness	Currency business
4	ExchangeBusiness	Exchange business
5	ScheduledTradingDay	Scheduled trading day

---

Used in components: [UnderlyingStreamEffectiveDate](#)

### **170.2.6648 UnderlyingStreamEffectiveDateOffsetPeriod**

Time unit multiplier for the relative effective date offset.

Type: [int](#)

Used in components: [UnderlyingStreamEffectiveDate](#)

### **170.2.6649 UnderlyingStreamEffectiveDateOffsetUnit**

Time unit associated with the relative effective date offset.

Type: [String](#)

Allowed values in PaymentStreamPaymentDateOffsetUnitCodeSet:

---

Code	Name	Description
D	Day	Day
Wk	Week	Week
Mo	Month	Month
Yr	Year	Year

---

Used in components: [UnderlyingStreamEffectiveDate](#)

### **170.2.6650 UnderlyingStreamEffectiveDateRelativeTo**

Specifies the anchor date when the effective date is relative to an anchor date.

See [http://www.fixtradingcommunity.org/codelists#Relative\\_To\\_Date](http://www.fixtradingcommunity.org/codelists#Relative_To_Date) for values.

Type: [int](#)

Used in components: [UnderlyingStreamEffectiveDate](#)

### **170.2.6651 UnderlyingStreamEffectiveDateUnadjusted**

The unadjusted effective date.

Type: [LocalMktDate](#)

Used in components: [UnderlyingStreamEffectiveDate](#)

### **170.2.6652 UnderlyingStreamFirstCompoundingPeriodEndDateUnadjusted**

The unadjusted end date of the initial compounding period.

Type: [LocalMktDate](#)

Used in components: [UnderlyingStreamCalculationPeriodDates](#)

### **170.2.6653 UnderlyingStreamFirstPeriodStartDateAdjusted**

The adjusted first calculation period start date, if it is before the effective date.

Type: [LocalMktDate](#)

Used in components: [UnderlyingStreamCalculationPeriodDates](#)

### **170.2.6654 UnderlyingStreamFirstPeriodStartDateBusinessCenter**

The business center calendar used to adjust the underlying instrument's stream's first calculation period start date, e.g. "GBLO".

See <http://www.fpml.org/coding-scheme/business-center> for standard 4-character code values.

Type: [String](#)

Used in groups: [UnderlyingStreamFirstPeriodStartDateBusinessCenterGrp](#)

### **170.2.6655 UnderlyingStreamFirstPeriodStartDateBusinessCenterGrp**

[UnderlyingStreamFirstPeriodStartDateBusinessCenterGrp](#) is a repeating subcomponent within the [UnderlyingStreamCalculationPeriodDates](#) component. It is used to specify the set of business centers whose calendars drive the date adjustment. Used only to override the business centers defined in the [UnderlyingDateAdjustment](#) component within the [UnderlyingInstrument](#) component.

Name	Mult.	Type	Description
<a href="#">NoUnderlyingStreamFirstPeriodStartDateBusinessCenters</a>	[1..1]	NumInGroup	
<a href="#">UnderlyingStreamFirstPeriodStartDateBusinessCenter</a>	[0..1]	String	Required if <a href="#">NoUnderlyingStreamFirstPeriodStartDateBusinessCenters(40974)</a> > 0.

Used in components: [UnderlyingStreamCalculationPeriodDates](#)

### 170.2.6656 UnderlyingStreamFirstPeriodStartDateBusinessDayConvention

The business day convention used to adjust the underlying instrument's stream's first calculation period start date. Used only to override the business day convention specified in the UnderlyingDateAdjustment component within the UnderlyingInstrument component.

Type: [int](#)

Allowed values in BusinessDayConventionCodeSet:

Code	Name	Description
0	NotApplicable	Not applicable. Business day convention is not applicable.
1	None	None (current day)
2	FollowingDay	Following day. The following business day.
3	FloatingRateNote	Floating rate note. The FRN business day convention.
4	ModifiedFollowingDay	Modified following day. The modified following business day.
5	PrecedingDay	Preceding day. The preceding business day.
6	ModifiedPrecedingDay	Modified preceding day. The modified preceding business day.
7	NearestDay	Nearest day. The nearest applicable business day.

Used in components: [UnderlyingStreamCalculationPeriodDates](#)

### 170.2.6657 UnderlyingStreamFirstPeriodStartDateUnadjusted

The unadjusted first calculation period start date if before the effective date.

Type: [LocalMktDate](#)

Used in components: [UnderlyingStreamCalculationPeriodDates](#)

**170.2.6658 UnderlyingStreamFirstRegularPeriodStartDateUnadjusted**

The unadjusted first start date of the regular calculation period, if there is an initial stub period.

Type: [LocalMktDate](#)

Used in components: [UnderlyingStreamCalculationPeriodDates](#)

**170.2.6659 UnderlyingStreamGrp**

The UnderlyingStreamGrp is a repeating subcomponent of the UnderlyingInstrument component used to detail the swap streams associated with the instrument.

Name	Mult.	Type	Description
<a href="#">NoUnderlyingStreams</a>	[1..1]	NumInGroup	
<a href="#">UnderlyingStreamType</a>	[0..1]	CodeSet	Required if <a href="#">NoUnderlyingStreams(40540)</a> > 0.
<a href="#">UnderlyingStreamXID</a>	[0..1]	XID	
<a href="#">UnderlyingStreamDesc</a>	[0..1]	String	
<a href="#">UnderlyingStreamVersion</a>	[0..1]	String	
<a href="#">UnderlyingStreamVersionEffectiveDate</a>	[0..1]	LocalMktDate	
<a href="#">UnderlyingStreamPaySide</a>	[0..1]	CodeSet	
<a href="#">UnderlyingStreamReceiveSide</a>	[0..1]	CodeSet	
<a href="#">UnderlyingStreamNotionalXIDRef</a>	[0..1]	XIDREF	
<a href="#">UnderlyingStreamNotional</a>	[0..1]	Amt	
<a href="#">UnderlyingStreamCurrency</a>	[0..1]	Currency	
<a href="#">UnderlyingStreamNotionalDeterminationMethod</a>	[0..1]	String	
<a href="#">UnderlyingStreamNotionalAdjustments</a>	[0..1]	CodeSet	
<a href="#">UnderlyingStreamNotionalFrequencyPeriod</a>	[0..1]	int	Conditionally required when <a href="#">UnderlyingStreamNotionalFrequencyUnit(42020)</a> is specified.
<a href="#">UnderlyingStreamNotionalFrequencyUnit</a>	[0..1]	CodeSet	Conditionally required when <a href="#">UnderlyingStreamNotionalFrequencyPeriod(42019)</a> is specified.
<a href="#">UnderlyingStreamNotionalCommodityFrequency</a>	[0..1]	CodeSet	
<a href="#">UnderlyingStreamNotionalUnitOfMeasure</a>	[0..1]	CodeSet	
<a href="#">UnderlyingStreamTotalNotional</a>	[0..1]	Qty	

Name	Mult.	Type	Description
UnderlyingStreamTotalNotionalUnitOfMeasure	[0..1]	CodeSet	
UnderlyingStreamCommodity	[0..1]	Component	
UnderlyingStreamEffectiveDate	[0..1]	Component	
UnderlyingStreamTerminationDate	[0..1]	Component	
UnderlyingStreamCalculationPeriodDates	[0..1]	Component	
UnderlyingPaymentStream	[0..1]	Component	
UnderlyingPaymentScheduleGrp	[0..*]	Group	
UnderlyingPaymentStubGrp	[0..*]	Group	
UnderlyingDeliveryStream	[0..1]	Component	
UnderlyingDeliveryScheduleGrp	[0..*]	Group	
UnderlyingStreamText	[0..1]	String	
EncodedUnderlyingStreamTextLen	[0..1]	Length	Must be set if EncodedUnderlyingStreamText(40989) field is specified and must immediately precede it.
EncodedUnderlyingStreamText	[0..1]	data	Encoded (non-ASCII characters) representation of the UnderlyingStreamText(40547) field in the encoded format specified via the MessageEncoding(347) field.

Used in components: [UnderlyingInstrument](#)

### 170.2.6660 UnderlyingStreamLastRegularPeriodEndDateUnadjusted

The unadjusted last regular period end date if there is a final stub period.

Type: [LocalMktDate](#)

Used in components: [UnderlyingStreamCalculationPeriodDates](#)

### 170.2.6661 UnderlyingStreamNotional

Notional, or initial notional value for the payment stream. Use SwapSchedule for steps.

Type: [Amt](#)

Used in groups: [UnderlyingStreamGrp](#)

**170.2.6662 UnderlyingStreamNotionalAdjustments**

For equity swaps this specifies the conditions that govern the adjustment to the number of units of the swap.

Type: **int**

Allowed values in StreamNotionalAdjustmentsCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	Execution	Execution. The adjustments to the number of units are governed by an execution clause.
1	PortfolioRebalancing	Portfolio rebalancing. The adjustments to the number of units are governed by a portfolio rebalancing clause.
2	Standard	Standard. The adjustments to the number of units are not governed by any specific clause.

---

Used in groups: **UnderlyingStreamGrp**

**170.2.6663 UnderlyingStreamNotionalCommodityFrequency**

The commodity's notional or quantity delivery frequency.

Type: **int**

Allowed values in StreamNotionalCommodityFrequencyCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
0	Term	Term
1	PerBusinessDay	Per business day
2	PerCalculationPeriod	Per calculation period
3	PerSettlPeriod	Per settlement period
4	PerCalendarDay	Per calendar day
5	PerHour	Per hour
6	PerMonth	Per month

---

Used in groups: **UnderlyingStreamGrp**

**170.2.6664 UnderlyingStreamNotionalDeterminationMethod**

Specifies the method for determining the floating notional value for equity swaps.

See <http://www.fpml.org/coding-scheme/determination-method> for values.

Type: **String**

Used in groups: **UnderlyingStreamGrp**

**170.2.6665 UnderlyingStreamNotionalFrequencyPeriod**

Time unit multiplier for the swap stream's notional frequency.

Type: **int**

Used in groups: **UnderlyingStreamGrp**

**170.2.6666 UnderlyingStreamNotionalFrequencyUnit**

Time unit associated with the swap stream's notional frequency.

Type: **String**

Allowed values in TimeUnitCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
H	Hour	Hour
Min	Minute	Minute
S	Second	Second
D	Day	Day
Wk	Week	Week
Mo	Month	Month
Yr	Year	Year
Q	Quarter	Quarter
EOM	EndOfMonth	End of Month. End of Month identifies a relative time unit, e.g. until the third Friday of each month.
F	Flexible	Flexible. A flexible time unit indicates that a specific time unit for the contract is currently undetermined.

---

Used in groups: **UnderlyingStreamGrp**



**170.2.6667 UnderlyingStreamNotionalUnitOfMeasure**

Specifies the delivery quantity unit of measure (UOM).

Type: **String**

Allowed values in UnitOfMeasureCodeSet:

Code	Name	Description
Alw	Allowances	Allowances
Bcf	BillionCubicFeet	Billion cubic feet
Bbl	Barrels	Barrels. Equal to 42 US gallons
CBM	CubicMeters	Cubic Meters
BDFT	BoardFeet	Board feet. Equal to 144 cubic inches
GJ	Gigajoules	gigajoules
Bu	Bushels	Bushels
kHR	HeatRate	Heat rate. The number of BTUs required to produce one kilowatt hour of electricity, typically 3,412.14 BTUs per 1 kWh.
Ccy	Currency	Amount of currency
kWh	KilowattHours	Kilowatt hours
CDD	CoolingDegreeDay	Cooling degree day
MHR	MegaHeatRate	Mega heat rate. The number of million BTUs required to produce one megawatt hour of electricity, typically 3.41214 million BTUs per 1 MWh.
CER	CertifiedEmissionsReduction	Certified emissions reduction
MMBtu	OneMillionBTU	One Million BTU
CPD	CriticalPrecipDay	Critical precipitation day
MWh	MegawattHours	Megawatt hours
CRT	ClimateReserveTonnes	Climate reserve tonnes
thm	Therms	therms. Equal to 100,000 BTU
cwt	Hundredweight	Hundredweight(US). Equal to 100 lbs
tnCO2	TonsOfCarbonDioxide	Tons of carbon dioxide
day	Day	Days
dt	DryMetricTons	Dry metric tons
EnvAllwnc	EnvAllwncCert	Environmental allowance certificates
EnvCrd	EnvironmentalCredit	Environmental credit
EnvOfst	EnvironmentalOffset	Environmental Offset
g	Grams	Grams

<b>Code</b>	<b>Name</b>	<b>Description</b>
Gal	Gallons	Gallons
GT	GrossTons	Gross tons. Also known as long tons or imperial tons, equal to 2240 lbs
HDD	HeatingDegreeDay	Heating degree day
IPNT	IndexPoint	Index point
kg	Kilograms	Kilograms
kL	Kiloliters	kiloliters
kW-a	KilowattYear	Kilowatt year (electrical capacity)
kW-d	KilowattDay	Kilowatt day (electrical capacity)
kW-h	KilowattHour	Kilowatt hour (electrical capacity)
kW-M	KilowattMonth	Kilowatt month (electrical capacity)
kW-min	KilowattMinute	Kilowatt-Minute (electrical capacity)
L	Liters	liters
lbs	Pounds	pounds
MW-a	MegawattYear	Megawatt year (electrical capacity)
MW-d	MegawattDay	Megawatt day (electrical capacity)
MW-h	MegawattHour	Megawatt hour (electrical capacity)
MW-M	MegawattMonth	Megawatt month (electrical capacity)
MW-min	MegawattMinute	Megawatt minute (electrical capacity)
oz_tr	TroyOunces	Troy ounces
PRINC	PrincipalWithRelationToDebtInstrument	Principal with relation to debt instrument
t	MetricTons	Metric tons. Also known as Tonnes, equal to 1000 kg
tn	Tons	Tons (US). Equal to 2000 lbs
a	Are	Are
ac	Acre	Acre
cL	Centiliter	Centiliter
cM	Centimeter	Centimeter
DGE	DieselGallonEquivalent	Diesel gallon equivalent
ft	Foot	Foot
Gal_gb	GBGallon	GB Gallon
GGE	GasolineGallonEquivalent	Gasonline gallon equivalent
ha	Hectare	Hectare
in	Inch	Inch
kM	Kilometer	Kilometer

<b>Code</b>	<b>Name</b>	<b>Description</b>
M	Meter	Meter
mi	Mile	Mile
mL	Milliliter	Milliliter
mM	Millimeter	Millimeter
oz	USOunce	US ounce
pc	Piece	Piece
pt	USPint	US Pint
pt_gb	GBPint	GB pint
qt	USQuart	US Quart
qt_gb	GBQuart	GB Quart
SqcM	SquareCentimeter	Square centimeter
Sqft	SquareFoot	Square foot
Sqin	SquareInch	Square inch
SqkM	SquareKilometer	Square kilometer
SqM	SquareMeter	Square meter
Sqmi	SquareMile	Square mile
SqmM	SquareMillimeter	Square millimeter
Sqyd	SquareYard	Square yard
yd	Yard	Yard
MMbbl	MillionBarrels	Million Barrels
USD	USDollars	US Dollars

---

Used in groups: [UnderlyingStreamGrp](#)

#### **170.2.6668 UnderlyingStreamNotionalXIDRef**

Cross reference to another UnderlyingStream notional for duplicating its properties.

Type: [XIDREF](#)

Used in groups: [UnderlyingStreamGrp](#)

#### **170.2.6669 UnderlyingStreamPaySide**

The side of the party paying the stream.

Type: **int**

Allowed values in PaymentPaySideCodeSet:

Code	Name	Description
1	Buy	Buy
2	Sell	Sell

Used in groups: **UnderlyingStreamGrp**

#### **170.2.6670 UnderlyingStreamReceiveSide**

The side of the party receiving the stream.

Type: **int**

Allowed values in PaymentPaySideCodeSet:

Code	Name	Description
1	Buy	Buy
2	Sell	Sell

Used in groups: **UnderlyingStreamGrp**

#### **170.2.6671 UnderlyingStreamTerminationDateAdjusted**

The adjusted termination date.

Type: **LocalMktDate**

Used in components: **UnderlyingStreamTerminationDate**

#### **170.2.6672 UnderlyingStreamTerminationDateBusinessCenter**

The business center calendar used to adjust the underlying instrument's stream's termination, or relative termination, date, e.g. "GBLO".

See <http://www.fpml.org/coding-scheme/business-center> for standard 4-character code values.

Type: **String**

Used in groups: **UnderlyingStreamTerminationDateBusinessCenterGrp**

**170.2.6673 UnderlyingStreamTerminationDateBusinessCenterGrp**

UnderlyingStreamTerminationDateBusinessCenterGrp is a repeating subcomponent within the UnderlyingStreamTerminationDate component. It is used to specify the set of business centers whose calendars drive the date adjustment. Used only to override the business centers defined in the UnderlyingDateAdjustment component within the UnderlyingInstrument component.

Name	Mult.	Type	Description
NoUnderlyingStreamTerminationDate-BusinessCenters	[1..1]	NumInGroup	
UnderlyingStreamTerminationDate-BusinessCenter	[0..1]	String	Required if NoUnderlyingStreamTerminationDate-BusinessCenters(40976) > 0.

Used in components: [UnderlyingStreamTerminationDate](#)

**170.2.6674 UnderlyingStreamTerminationDateBusinessDayConvention**

The business day convention used to adjust the underlying instrument's stream's termination, or relative termination, date. Used only to override the business day convention specified in the UnderlyingDateAdjustment component within the UnderlyingInstrument component.

Type: [int](#)

Allowed values in BusinessDayConventionCodeSet:

Code	Name	Description
0	NotApplicable	Not applicable. Business day convention is not applicable.
1	None	None (current day)
2	FollowingDay	Following day. The following business day.
3	FloatingRateNote	Floating rate note. The FRN business day convention.
4	ModifiedFollowingDay	Modified following day. The modified following business day.
5	PrecedingDay	Preceding day. The preceding business day.
6	ModifiedPrecedingDay	Modified preceding day. The modified preceding business day.
7	NearestDay	Nearest day. The nearest applicable business day.

Used in components: [UnderlyingStreamTerminationDate](#)

**170.2.6675 UnderlyingStreamTerminationDate**

UnderlyingStreamTerminationDate is a subcomponent of the UnderlyingStreamGrp component used to specify the termination date of the stream.

Name	Mult.	Type	Description
UnderlyingStreamTerminationDateUnadjusted	[0..1]	LocalMktDate	
UnderlyingStreamTerminationDate-BusinessDayConvention	[0..1]	CodeSet	When specified, this overrides the business day convention defined in the UnderlyingDateAdjustment component in UnderlyingInstrument. The specified value would be specific to this instance of the underlying instrument's termination date of the stream.
UnderlyingStreamTerminationDate-BusinessCenterGrp	[0..*]	Group	When specified, this overrides the business centers defined in the UnderlyingDateAdjustment component in UnderlyingInstrument. The specified values would be specific to this instance of the underlying instrument's termination date of the stream.
UnderlyingStreamTerminationDateRelativeTo	[0..1]	int	
UnderlyingStreamTerminationDateOffsetPeriod	[0..1]	int	Conditionally required when UnderlyingStreamTerminationDateOffsetUnit(40553) is specified.
UnderlyingStreamTerminationDateOffsetUnit	[0..1]	CodeSet	Conditionally required when UnderlyingPaymentTerminationDateOffsetPeriod(40552) is specified.
UnderlyingStreamTerminationDateOffsetDayType	[0..1]	CodeSet	
UnderlyingStreamTerminationDateAdjusted	[0..1]	LocalMktDate	

Used in groups: [UnderlyingStreamGrp](#)

**170.2.6676 UnderlyingStreamTerminationDateOffsetDayType**

Specifies the day type of the relative termination date offset.

Type: **int**

Allowed values in PaymentStreamPaymentDateOffsetDayTypeCodeSet:

---

Code	Name	Description
0	Business	Business
1	Calendar	Calendar
2	CommodityBusiness	Commodity business
3	CurrencyBusiness	Currency business
4	ExchangeBusiness	Exchange business
5	ScheduledTradingDay	Scheduled trading day

---

Used in components: [UnderlyingStreamTerminationDate](#)

### **170.2.6677 UnderlyingStreamTerminationDateOffsetPeriod**

Time unit multiplier for the relative termination date offset.

Type: [int](#)

Used in components: [UnderlyingStreamTerminationDate](#)

### **170.2.6678 UnderlyingStreamTerminationDateOffsetUnit**

Time unit associated with the relative termination date offset.

Type: [String](#)

Allowed values in PaymentStreamPaymentDateOffsetUnitCodeSet:

---

Code	Name	Description
D	Day	Day
Wk	Week	Week
Mo	Month	Month
Yr	Year	Year

---

Used in components: [UnderlyingStreamTerminationDate](#)

### **170.2.6679 UnderlyingStreamTerminationDateRelativeTo**

Specifies the anchor date when the termination date is relative to an anchor date.

See [http://www.fixtradingcommunity.org/codelists#Relative\\_To\\_Date](http://www.fixtradingcommunity.org/codelists#Relative_To_Date) for values.

Type: **int**

Used in components: **UnderlyingStreamTerminationDate**

### **170.2.6680 UnderlyingStreamTerminationDateUnadjusted**

The unadjusted termination date.

Type: **LocalMktDate**

Used in components: **UnderlyingStreamTerminationDate**

### **170.2.6681 UnderlyingStreamText**

Free form text to specify additional information or enumeration description when a standard value does not apply.

Type: **String**

Used in groups: **UnderlyingStreamGrp**

### **170.2.6682 UnderlyingStreamTotalNotional**

Specifies the total notional or delivery quantity over the term of the contract.

Type: **Qty**

Used in groups: **UnderlyingStreamGrp**

### **170.2.6683 UnderlyingStreamTotalNotionalUnitOfMeasure**

Specifies the unit of measure (UOM) for the total notional or delivery quantity over the term of the contract.

Type: **String**

Allowed values in UnitOfMeasureCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
Alw	Allowances	Allowances
Bcf	BillionCubicFeet	Billion cubic feet

---



<b>Code</b>	<b>Name</b>	<b>Description</b>
Bbl	Barrels	Barrels. Equal to 42 US gallons
CBM	CubicMeters	Cubic Meters
BDFT	BoardFeet	Board feet. Equal to 144 cubic inches
GJ	Gigajoules	gigajoules
Bu	Bushels	Bushels
kHR	HeatRate	Heat rate. The number of BTUs required to produce one kilowatt hour of electricity, typically 3,412.14 BTUs per 1 kWh.
Ccy	Currency	Amount of currency
kWh	KilowattHours	Kilowatt hours
CDD	CoolingDegreeDay	Cooling degree day
MHR	MegaHeatRate	Mega heat rate. The number of million BTUs required to produce one megawatt hour of electricity, typically 3.41214 million BTUs per 1 MWh.
CER	CertifiedEmissionsReduction	Certified emissions reduction
MMBtu	OneMillionBTU	One Million BTU
CPD	CriticalPrecipDay	Critical precipitation day
MWh	MegawattHours	Megawatt hours
CRT	ClimateReserveTonnes	Climate reserve tonnes
thm	Therms	therms. Equal to 100,000 BTU
cwt	Hundredweight	Hundredweight(US). Equal to 100 lbs
tnCO2	TonsOfCarbonDioxide	Tons of carbon dioxide
day	Day	Days
dt	DryMetricTons	Dry metric tons
EnvAllwnc	EnvAllwncCert	Environmental allowance certificates
EnvCrd	EnvironmentalCredit	Environmental credit
EnvOfst	EnvironmentalOffset	Environmental Offset
g	Grams	Grams
Gal	Gallons	Gallons
GT	GrossTons	Gross tons. Also known as long tons or imperial tons, equal to 2240 lbs
HDD	HeatingDegreeDay	Heating degree day
IPNT	IndexPoint	Index point
kg	Kilograms	Kilograms
kL	Kiloliters	kiloliters
kW-a	KilowattYear	Kilowatt year (electrical capacity)

<b>Code</b>	<b>Name</b>	<b>Description</b>
kW-d	KilowattDay	Kilowatt day (electrical capacity)
kW-h	KilowattHour	Kilowatt hour (electrical capacity)
kW-M	KilowattMonth	Kilowatt month (electrical capacity)
kW-min	KilowattMinute	Kilowatt-Minute (electrical capacity)
L	Liters	liters
lbs	Pounds	pounds
MW-a	MegawattYear	Megawatt year (electrical capacity)
MW-d	MegawattDay	Megawatt day (electrical capacity)
MW-h	MegawattHour	Megawatt hour (electrical capacity)
MW-M	MegawattMonth	Megawatt month (electrical capacity)
MW-min	MegawattMinute	Megawatt minute (electrical capacity)
oz_tr	TroyOunces	Troy ounces
PRINC	PrincipalWithRelationToDebtInstrument	Principal with relation to debt instrument
t	MetricTons	Metric tons. Also known as Tonnes, equal to 1000 kg
tn	Tons	Tons (US). Equal to 2000 lbs
a	Are	Are
ac	Acre	Acre
cL	Centiliter	Centiliter
cM	Centimeter	Centimeter
DGE	DieselGallonEquivalent	Diesel gallon equivalent
ft	Foot	Foot
Gal_gb	GBGallon	GB Gallon
GGE	GasolineGallonEquivalent	Gasonline gallon equivalent
ha	Hectare	Hectare
in	Inch	Inch
kM	Kilometer	Kilometer
M	Meter	Meter
mi	Mile	Mile
mL	Milliliter	Milliliter
mM	Millimeter	Millimeter
oz	USOunce	US ounce
pc	Piece	Piece
pt	USPint	US Pint

Code	Name	Description
pt_gb	GBPint	GB pint
qt	USQuart	US Quart
qt_gb	GBQuart	GB Quart
SqcM	SquareCentimeter	Square centimeter
Sqft	SquareFoot	Square foot
Sqin	SquareInch	Square inch
SqkM	SquareKilometer	Square kilometer
SqM	SquareMeter	Square meter
Sqmi	SquareMile	Square mile
SqmM	SquareMillimeter	Square millimeter
Sqyd	SquareYard	Square yard
yd	Yard	Yard
MMbbl	MillionBarrels	Million Barrels
USD	USDollars	US Dollars

---

Used in groups: [UnderlyingStreamGrp](#)

### 170.2.6684 UnderlyingStreamType

Type of swap stream.

Type: [int](#)

Allowed values in StreamTypeCodeSet:

Code	Name	Description
0	PaymentCashSettlement	Payment / cash settlement
1	PhysicalDelivery	Physical delivery

---

Used in groups: [UnderlyingStreamGrp](#)

### 170.2.6685 UnderlyingStreamVersion

The stream version identifier when there have been modifications to the contract over time. Helps signal when there are embedded changes.

Type: **String**

Used in groups: **UnderlyingStreamGrp**

### **170.2.6686 UnderlyingStreamVersionEffectiveDate**

The effective date of the UnderlyingStreamVersion(43083).

Type: **LocalMktDate**

Used in groups: **UnderlyingStreamGrp**

### **170.2.6687 UnderlyingStreamXID**

Identifier of this UnderlyingStream for cross referencing elsewhere in the message.

Type: **XID**

Used in groups: **UnderlyingStreamGrp**

### **170.2.6688 UnderlyingStrikeCurrency**

Currency in which the strike price of an underlying instrument is denominated

Type: **Currency**

Used in components: **UnderlyingInstrument**

### **170.2.6689 UnderlyingStrikeCurrencyCodeSource**

Identifies class or source of the UnderlyingStrikeCurrency(941) value.

Type: **String**

Allowed values in CurrencyCodeSourceCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
1	CUSIP	CUSIP
2	SEDOL	SEDOL
4	ISINNumber	ISIN
6	ISOCurrencyCode	ISO Currency Code (ISO 4217)

---

Code	Name	Description
S	FinancialInstrumentGlobalIdentifier	Financial Instrument Global Identifier. An Object Management Group (OMG) standard. Also referred to as FIGI. Formerly known as "Bloomberg Open Symbology BBGID".
Y	DigitalTokenIdentifier	Digital Token Identifier (ISO 24165)

Used in components: [UnderlyingInstrument](#)

### **170.2.6690 UnderlyingStrikeIndex**

Specifies the index used to calculate the strike price.

Type: [String](#)

Used in components: [UnderlyingInstrument](#)

### **170.2.6691 UnderlyingStrikeIndexCurvePoint**

The point on the floating rate index curve. Sample values:

M = combination of a number between 1-12 and an "M" for month, e.g. 3M

Y = combination of number between 1-100 and a "Y" for year, e.g. 10Y

10Y-OLD = see above, then add "-OLD" when appropriate

INTERPOLATED = the point is mathematically derived

2/2031 5 3/8 = the point is stated via a combination of maturity month / year and coupon.

Type: [String](#)

Used in components: [UnderlyingInstrument](#)

### **170.2.6692 UnderlyingStrikeIndexQuote**

The quote side from which the index price is to be determined.

Type: [int](#)

Allowed values in StrikeIndexQuoteCodeSet:

---

Code	Name	Description
0	Bid	Bid.
1	Mid	Mid
2	Offer	Offer

---

Used in components: [UnderlyingInstrument](#)

### **170.2.6693 UnderlyingStrikeIndexSpread**

Specifies the strike price offset from the named index.

Type: [PriceOffset](#)

Used in components: [UnderlyingInstrument](#)

### **170.2.6694 UnderlyingStrikeMultiplier**

Used for derivatives. Multiplier applied to the strike price for the purpose of calculating the settlement value.

Type: [float](#)

Used in components: [UnderlyingInstrument](#)

### **170.2.6695 UnderlyingStrikePrice**

Underlying security's StrikePrice.

See StrikePrice (202) field for description

Type: [Price](#)

Used in components: [UnderlyingInstrument](#)

### **170.2.6696 UnderlyingStrikePriceBoundaryMethod**

Specifies the boundary condition to be used for the strike price relative to the underlying price at the point of option exercise.

Type: [int](#)

Allowed values in StrikePriceBoundaryMethodCodeSet:

Code	Name	Description
1	LessThan	Less than underlying price is in-the-money (ITM)
2	LessThanOrEqual	Less than or equal to the underlying price is in-the-money(ITM)
3	Equal	Equal to the underlying price is in-the-money(ITM)
4	GreaterThanOrEqual	Greater than or equal to underlying price is in-the-money(ITM)
5	GreaterThan	Greater than underlying is in-the-money(ITM)

Used in components: [UnderlyingInstrument](#)

### 170.2.6697 UnderlyingStrikePriceBoundaryPrecision

Used in combination with StrikePriceBoundaryMethod(1479) to specify the percentage of the strike price in relation to the underlying price. The percentage is generally 100 or greater for puts and 100 or less for calls.

Type: [Percentage](#)

Used in components: [UnderlyingInstrument](#)

### 170.2.6698 UnderlyingStrikePriceDeterminationMethod

Specifies how the strike price is determined at the point of option exercise. The strike may be fixed throughout the life of the option, set at expiration to the value of the underlying, set to the average value of the underlying, or set to the optimal value of the underlying.

Type: [int](#)

Allowed values in StrikePriceDeterminationMethodCodeSet:

Code	Name	Description
1	FixedStrike	Fixed strike (default if not specified)
2	StrikeSetAtExpiration	Strike set at expiration to underlying or other value (lookback floating)
3	StrikeSetToAverageAcrossLife	Strike set to average of underlying settlement price across the life of the option
4	StrikeSetToOptimalValue	Strike set to optimal value

Used in components: [UnderlyingInstrument](#)

**170.2.6699 UnderlyingStrikeUnitOfMeasure**

Used to express the unit of measure (UOM) of the price if different from the contract.

Type: **String**

Allowed values in UnitOfMeasureCodeSet:

<b>Code</b>	<b>Name</b>	<b>Description</b>
Alw	Allowances	Allowances
Bcf	BillionCubicFeet	Billion cubic feet
Bbl	Barrels	Barrels. Equal to 42 US gallons
CBM	CubicMeters	Cubic Meters
BDFT	BoardFeet	Board feet. Equal to 144 cubic inches
GJ	Gigajoules	gigajoules
Bu	Bushels	Bushels
kHR	HeatRate	Heat rate. The number of BTUs required to produce one kilowatt hour of electricity, typically 3,412.14 BTUs per 1 kWh.
Ccy	Currency	Amount of currency
kWh	KilowattHours	Kilowatt hours
CDD	CoolingDegreeDay	Cooling degree day
MHR	MegaHeatRate	Mega heat rate. The number of million BTUs required to produce one megawatt hour of electricity, typically 3.41214 million BTUs per 1 MWh.
CER	CertifiedEmissionsReduction	Certified emissions reduction
MMBtu	OneMillionBTU	One Million BTU
CPD	CriticalPrecipDay	Critical precipitation day
MWh	MegawattHours	Megawatt hours
CRT	ClimateReserveTonnes	Climate reserve tonnes
thm	Therms	therms. Equal to 100,000 BTU
cwt	Hundredweight	Hundredweight(US). Equal to 100 lbs
tnCO2	TonsOfCarbonDioxide	Tons of carbon dioxide
day	Day	Days
dt	DryMetricTons	Dry metric tons
EnvAllwnc	EnvAllwncCert	Environmental allowance certificates
EnvCrd	EnvironmentalCredit	Environmental credit
EnvOfst	EnvironmentalOffset	Environmental Offset
g	Grams	Grams



<b>Code</b>	<b>Name</b>	<b>Description</b>
Gal	Gallons	Gallons
GT	GrossTons	Gross tons. Also known as long tons or imperial tons, equal to 2240 lbs
HDD	HeatingDegreeDay	Heating degree day
IPNT	IndexPoint	Index point
kg	Kilograms	Kilograms
kL	Kiloliters	kiloliters
kW-a	KilowattYear	Kilowatt year (electrical capacity)
kW-d	KilowattDay	Kilowatt day (electrical capacity)
kW-h	KilowattHour	Kilowatt hour (electrical capacity)
kW-M	KilowattMonth	Kilowatt month (electrical capacity)
kW-min	KilowattMinute	Kilowatt-Minute (electrical capacity)
L	Liters	liters
lbs	Pounds	pounds
MW-a	MegawattYear	Megawatt year (electrical capacity)
MW-d	MegawattDay	Megawatt day (electrical capacity)
MW-h	MegawattHour	Megawatt hour (electrical capacity)
MW-M	MegawattMonth	Megawatt month (electrical capacity)
MW-min	MegawattMinute	Megawatt minute (electrical capacity)
oz_tr	TroyOunces	Troy ounces
PRINC	PrincipalWithRelationToDebtInstrument	Principal with relation to debt instrument
t	MetricTons	Metric tons. Also known as Tonnes, equal to 1000 kg
tn	Tons	Tons (US). Equal to 2000 lbs
a	Are	Are
ac	Acre	Acre
cL	Centiliter	Centiliter
cM	Centimeter	Centimeter
DGE	DieselGallonEquivalent	Diesel gallon equivalent
ft	Foot	Foot
Gal_gb	GBGallon	GB Gallon
GGE	GasolineGallonEquivalent	Gasonline gallon equivalent
ha	Hectare	Hectare
in	Inch	Inch
kM	Kilometer	Kilometer

<b>Code</b>	<b>Name</b>	<b>Description</b>
M	Meter	Meter
mi	Mile	Mile
mL	Milliliter	Milliliter
mM	Millimeter	Millimeter
oz	USOunce	US ounce
pc	Piece	Piece
pt	USPint	US Pint
pt_gb	GBPint	GB pint
qt	USQuart	US Quart
qt_gb	GBQuart	GB Quart
SqcM	SquareCentimeter	Square centimeter
Sqft	SquareFoot	Square foot
Sqin	SquareInch	Square inch
SqkM	SquareKilometer	Square kilometer
SqM	SquareMeter	Square meter
Sqmi	SquareMile	Square mile
SqmM	SquareMillimeter	Square millimeter
Sqyd	SquareYard	Square yard
yd	Yard	Yard
MMbbl	MillionBarrels	Million Barrels
USD	USDollars	US Dollars

---

Used in components: [UnderlyingInstrument](#)

### **170.2.6700 UnderlyingStrikeValue**

Used for derivatives. The number of shares/units for the financial instrument involved in the option trade.

Type: [float](#)

Used in components: [UnderlyingInstrument](#)

**170.2.6701 UnderlyingSwapClass**

The type or classification of swap. Additional values may be used by mutual agreement of the counterparties.

Type: **String**

Allowed values in SwapClassCodeSet:

Code	Name	Description
BS	BasisSwap	Basis swap
IX	IndexSwap	Index swap
BB	BroadBasedSecuritySwap	Broad-based security swap
SK	BasketSwap	Basket swap

Used in components: **UnderlyingInstrument**

**170.2.6702 UnderlyingSwapSubClass**

The sub-classification or notional schedule type of the swap.

Type: **String**

Allowed values in SwapSubClassCodeSet:

Code	Name	Description
AMTZ	Amortizing	Amortizing notional schedule
COMP	Compounding	Compounding
CNST	ConstantNotionalSchedule	Constant notional schedule
ACRT	AccretingNotionalSchedule	Accreting notional schedule
CUST	CustomNotionalSchedule	Custom notional schedule

Used in components: **UnderlyingInstrument**

**170.2.6703 UnderlyingSymbol**

Underlying security's Symbol.

See Symbol (55) field for description

Type: **String**

Used in components: **UnderlyingInstrument**

#### **170.2.6704 UnderlyingSymbolPositionNumber**

Reference to the first or second currency or digital asset in UnderlyingSymbol(311) for FX-style trading.

Conditionally required when one or both symbols in UnderlyingSymbol(311) represent a digital asset.

Type: **int**

Used in groups: **UndSecAltIDGrp**

#### **170.2.6705 UnderlyingSymbolSfx**

Underlying security's SymbolSfx.

See SymbolSfx (65) field for description

Type: **String**

Allowed values in SymbolSfxCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
CD	EUCPWithLumpSumInterest	EUCP with lump-sum interest rather than discount price
WI	WhenIssued	"When Issued" for a security to be reissued under an old CUSIP or ISIN

---

Used in components: **UnderlyingInstrument**

#### **170.2.6706 UnderlyingTimeUnit**

See TimeUnit(997) for complete definition.

Type: **String**

Allowed values in TimeUnitCodeSet:

Code	Name	Description
H	Hour	Hour
Min	Minute	Minute
S	Second	Second
D	Day	Day
Wk	Week	Week
Mo	Month	Month
Yr	Year	Year
Q	Quarter	Quarter
EOM	EndOfMonth	End of Month. End of Month identifies a relative time unit, e.g. until the third Friday of each month.
F	Flexible	Flexible. A flexible time unit indicates that a specific time unit for the contract is currently undetermined.

Used in components: [UnderlyingInstrument](#)

#### **170.2.6707 UnderlyingTotalIssuedAmount**

Specifies the total amount of the issue. Corresponds to the par value multiplied by the number of issued security.

Type: [Amt](#)

Used in components: [UnderlyingInstrument](#)

#### **170.2.6708 UnderlyingTradingSessionID**

Trading Session in which the underlying instrument trades

Type: [String](#)

Used in messages: [TradeCaptureReport](#), [TradeCaptureReportAck](#)

#### **170.2.6709 UnderlyingTradingSessionSubID**

Trading Session sub identifier in which the underlying instrument trades

Type: [String](#)

Used in messages: [TradeCaptureReport](#), [TradeCaptureReportAck](#)

**170.2.6710 UnderlyingTradingUnitPeriodMultiplier**

Indicates the number of contract periods associated with the minimum trading unit for a given contract duration resulting in the number of total traded contracts.

Type: **int**

Used in components: **UnderlyingInstrument**

**170.2.6711 UnderlyingUnitOfMeasure**

Underlying unit of measure.

See UnitOfMeasure(996) for complete definition.

Type: **String**

Allowed values in UnitOfMeasureCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
Alw	Allowances	Allowances
Bcf	BillionCubicFeet	Billion cubic feet
Bbl	Barrels	Barrels. Equal to 42 US gallons
CBM	CubicMeters	Cubic Meters
BDFT	BoardFeet	Board feet. Equal to 144 cubic inches
GJ	Gigajoules	gigajoules
Bu	Bushels	Bushels
kHR	HeatRate	Heat rate. The number of BTUs required to produce one kilowatt hour of electricity, typically 3,412.14 BTUs per 1 kWh.
Ccy	Currency	Amount of currency
kWh	KilowattHours	Kilowatt hours
CDD	CoolingDegreeDay	Cooling degree day
MHR	MegaHeatRate	Mega heat rate. The number of million BTUs required to produce one megawatt hour of electricity, typically 3.41214 million BTUs per 1 MWh.
CER	CertifiedEmissionsReduction	Certified emissions reduction
MMBtu	OneMillionBTU	One Million BTU
CPD	CriticalPrecipDay	Critical precipitation day
MWh	MegawattHours	Megawatt hours
CRT	ClimateReserveTonnes	Climate reserve tonnes

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
thm	Therms	therms. Equal to 100,000 BTU
cwt	Hundredweight	Hundredweight(US). Equal to 100 lbs
tnCO2	TonsOfCarbonDioxide	Tons of carbon dioxide
day	Day	Days
dt	DryMetricTons	Dry metric tons
EnvAllwnc	EnvAllwncCert	Environmental allowance certificates
EnvCrd	EnvironmentalCredit	Environmental credit
EnvOfst	EnvironmentalOffset	Environmental Offset
g	Grams	Grams
Gal	Gallons	Gallons
GT	GrossTons	Gross tons. Also known as long tons or imperial tons, equal to 2240 lbs
HDD	HeatingDegreeDay	Heating degree day
IPNT	IndexPoint	Index point
kg	Kilograms	Kilograms
kL	Kiloliters	kiloliters
kW-a	KilowattYear	Kilowatt year (electrical capacity)
kW-d	KilowattDay	Kilowatt day (electrical capacity)
kW-h	KilowattHour	Kilowatt hour (electrical capacity)
kW-M	KilowattMonth	Kilowatt month (electrical capacity)
kW-min	KilowattMinute	Kilowatt-Minute (electrical capacity)
L	Liters	liters
lbs	Pounds	pounds
MW-a	MegawattYear	Megawatt year (electrical capacity)
MW-d	MegawattDay	Megawatt day (electrical capacity)
MW-h	MegawattHour	Megawatt hour (electrical capacity)
MW-M	MegawattMonth	Megawatt month (electrical capacity)
MW-min	MegawattMinute	Megawatt minute (electrical capacity)
oz_tr	TroyOunces	Troy ounces
PRINC	PrincipalWithRelationToDebtInstrument	Principal with relation to debt instrument
t	MetricTons	Metric tons. Also known as Tonnes, equal to 1000 kg
tn	Tons	Tons (US). Equal to 2000 lbs
a	Are	Are
ac	Acre	Acre

<b>Code</b>	<b>Name</b>	<b>Description</b>
cL	Centiliter	Centiliter
cM	Centimeter	Centimeter
DGE	DieselGallonEquivalent	Diesel gallon equivalent
ft	Foot	Foot
Gal_gb	GBGallon	GB Gallon
GGE	GasolineGallonEquivalent	Gasonline gallon equivalent
ha	Hectare	Hectare
in	Inch	Inch
kM	Kilometer	Kilometer
M	Meter	Meter
mi	Mile	Mile
mL	Milliliter	Milliliter
mM	Millimeter	Millimeter
oz	USOunce	US ounce
pc	Piece	Piece
pt	USPint	US Pint
pt_gb	GBPint	GB pint
qt	USQuart	US Quart
qt_gb	GBQuart	GB Quart
SqcM	SquareCentimeter	Square centimeter
Sqft	SquareFoot	Square foot
Sqin	SquareInch	Square inch
SqkM	SquareKilometer	Square kilometer
SqM	SquareMeter	Square meter
Sqmi	SquareMile	Square mile
SqmM	SquareMillimeter	Square millimeter
Sqyd	SquareYard	Square yard
yd	Yard	Yard
MMbbl	MillionBarrels	Million Barrels
USD	USDollars	US Dollars

Used in components: [UnderlyingInstrument](#)



**170.2.6712 UnderlyingUnitOfMeasureCurrency**

Indicates the currency of the underlying unit of measure. Conditionally required when UnderlyingUnitOfMeasure(998) = Ccy

Type: **Currency**

Used in components: **UnderlyingInstrument**

**170.2.6713 UnderlyingUnitOfMeasureCurrencyCodeSource**

Identifies class or source of the UnderlyingUnitOfMeasureCurrency(1718) value.

Type: **String**

Allowed values in CurrencyCodeSourceCodeSet:

Code	Name	Description
1	CUSIP	CUSIP
2	SEDOL	SEDOL
4	ISINNumber	ISIN
6	ISOCurrencyCode	ISO Currency Code (ISO 4217)
S	FinancialInstrumentGlobalIdentifier	Financial Instrument Global Identifier. An Object Management Group (OMG) standard. Also referred to as FIGI. Formerly known as "Bloomberg Open Symbology BBGID".
Y	DigitalTokenIdentifier	Digital Token Identifier (ISO 24165)

Used in components: **UnderlyingInstrument**

**170.2.6714 UnderlyingUnitOfMeasureQty**

Refer to definition of UnitOfMeasureQty(1147)

Type: **Qty**

Used in components: **UnderlyingInstrument**

**170.2.6715 UnderlyingUPICode**

Uniquely identifies the product of an underlying instrument using ISO 4914. See UPICode(2891) for further detail.

Type: **String**

Used in components: **UnderlyingInstrument**

### **170.2.6716 UnderlyingValuationMethod**

Indicates type of valuation method used.

Type: **String**

Allowed values in ValuationMethodCodeSet:

---

<b>Code</b>	<b>Name</b>	<b>Description</b>
EQTY	PremiumStyle	premium style
FUT	FuturesStyleMarkToMarket	futures style mark-to-market
FUTDA	FuturesStyleWithAnAttachedCashAdjustment	futures style with an attached cash adjustment
CDS	CDSStyleCollateralization	CDS style collateralization of market to market and coupon
CSDS	CDSInDeliveryUseRecoveryRateToCalculate	CDS in delivery - use recovery rate to calculate obligation

---

Used in components: **UnderlyingInstrument**

### **170.2.6717 UnderlyingValuationReferenceModel**

Specifies the methodology and/or assumptions used to generate the trade value.

Type: **String**

Used in components: **UnderlyingInstrument**

### **170.2.6718 UnderlyingValuationSource**

Specifies the source of trade valuation data.

Type: **String**

Used in components: **UnderlyingInstrument**

**170.2.6719 UndInstrmtCollGrp**

Name	Mult.	Type	Description
NoUnderlyings	[1..1]	NumInGroup	Number of legs that make up the Security
UnderlyingInstrument	[0..1]	Component	Insert here the set of "Underlying Instrument" fields defined in "Common Components of Application Messages". Required if NoUnderlyings > 0
CollAction	[0..1]	CodeSet	Required if NoUnderlyings > 0

Used in messages: [CollateralAssignment](#), [CollateralRequest](#), [CollateralResponse](#)

**170.2.6720 UndInstrmtGrp**

Name	Mult.	Type	Description
NoUnderlyings	[1..1]	NumInGroup	Number of underlyings
UnderlyingInstrument	[0..1]	Component	Required if NoUnderlyings(711) > 0.

Used in groups: [InstrmtMDReqGrp](#), [InstrmtMatchSideGrp](#), [InstrmtStrkPxGrp](#), [ListOrdGrp](#), [MDIncGrp](#), [QuotCxlEntriesGrp](#), [QuotReqGrp](#), [QuotReqRjctGrp](#), [RFQReqGrp](#), [SecListGrp](#), [SecLstUpdRelSymGrp](#), [SecMassStatGrp](#)

Used in messages: [Advertisement](#), [AllocationInstruction](#), [AllocationInstructionAlert](#), [AllocationReport](#), [AssignmentReport](#), [CollateralInquiry](#), [CollateralInquiryAck](#), [CollateralReport](#), [Confirmation](#), [ContraryIntentionReport](#), [CrossOrderCancelReplaceRequest](#), [CrossOrderCancelRequest](#), [DontKnowTrade](#), [Email](#), [ExecutionAck](#), [ExecutionReport](#), [IOI](#), [MarketDataSnapshotFullRefresh](#), [MarketDataStatisticsReport](#), [MarketDataStatisticsRequest](#), [MultilegOrderCancelReplace](#), [NewOrderCross](#), [NewOrderMultileg](#), [NewOrderSingle](#), [News](#), [OrderCancelReplaceRequest](#), [OrderCancelRequest](#), [OrderStatusRequest](#), [PartyRiskLimitCheckRequest](#), [PartyRiskLimitCheckRequestAck](#), [PositionMaintenanceReport](#), [PositionMaintenanceRequest](#), [PositionTransferInstruction](#), [PositionTransferReport](#), [Quote](#), [QuoteResponse](#), [QuoteStatusReport](#), [QuoteStatusRequest](#), [RequestForPositions](#), [RequestForPositionsAck](#), [SecurityDefinition](#), [SecurityDefinitionRequest](#), [SecurityDefinitionUpdateReport](#), [SecurityListRequest](#), [SecurityStatus](#), [SecurityStatusRequest](#), [TradeCaptureReport](#), [TradeCaptureReportAck](#), [TradeCaptureReportRequest](#), [TradeCaptureReportRequestAck](#)

**170.2.6721 UndlyInstrumentParties**

The use of this component block is restricted to instrument definition only and is not permitted to contain transactional information. Only a specified subset of party roles will be supported within the InstrumentParty block.

Name	Mult.	Type	Description
NoUndlyInstrumentParties	[1..1]	NumInGroup	Repeating group below should contain unique combinations of UnderlyingInstrumentPartyID(1059), UnderlyingInstrumentPartyIDSource(1060) and UnderlyingInstrumentPartyRole(1061).
UnderlyingInstrumentPartyID	[0..1]	String	Used to identify the source of PartyID. Required if UnderlyingInstrumentPartyIDSource(1060) is specified. Required if NoUndlyInstrumentParties(1058) > 0.
UnderlyingInstrumentPartyIDSource	[0..1]	CodeSet	Used to identify class source of UnderlyingInstrumentPartyID(1059) value (e.g. BIC). Required if UnderlyingInstrumentPartyID(1059) is specified. Required if NoUndlyInstrumentParties(1058) > 0.
UnderlyingInstrumentPartyRole	[0..1]	CodeSet	Identifies the type of UnderlyingInstrumentPartyID(1059) (e.g. Executing Broker). Required if NoUndlyInstrumentParties(1058) > 0.
UnderlyingInstrumentPartyRoleQualifier	[0..1]	CodeSet	
UndlyInstrumentPtysSubGrp	[0..*]	Group	Repeating group of party sub-identifiers.

Used in components: [UnderlyingInstrument](#)

**170.2.6722 UndlyInstrumentPtysSubGrp**

Name	Mult.	Type	Description
NoUndlyInstrumentPartySubIDs	[1..1]	NumInGroup	
UnderlyingInstrumentPartySubID	[0..1]	String	
UnderlyingInstrumentPartySubIDType	[0..1]	CodeSet	

Used in groups: [UndlyInstrumentParties](#)

**170.2.6723 UndSecAltIDGrp**

Name	Mult.	Type	Description
NoUnderlyingSecurityAltID	[1..1]	NumInGroup	
UnderlyingSecurityAltID	[0..1]	String	
UnderlyingSecurityAltIDSource	[0..1]	CodeSet	
UnderlyingSymbolPositionNumber	[0..1]	int	

Used in components: [UnderlyingInstrument](#)

**170.2.6724 UnencodedAttachmentLen**

Unencoded content length in bytes. Can be used to validate successful unencoding.

Type: [int](#)

Used in groups: [AttachmentGrp](#)

**170.2.6725 UnitOfMeasure**

The unit of measure of the underlying commodity upon which the contract is based. Two groups of units of measure enumerations are supported.

Fixed Magnitude UOMs are primarily used in energy derivatives and specify a magnitude (such as, MM, Kilo, M, etc.) and the dimension (such as, watt hours, BTU's) to produce standard fixed measures (such as MWh - Megawatt-hours, MMBtu - One million BTUs).

The second group, Variable Quantity UOMs, specifies the dimension as a single unit without a magnitude (or more accurately a magnitude of one) and uses the UnitOfMeasureQty(1147) field to define the quantity of units per contract. Variable Quantity UOMs are used for both commodities (such as lbs of lean cattle, bushels of corn, ounces of gold) and financial futures.

Examples:

For lean cattle futures contracts, a UnitOfMeasure of 'lbs' with a UnitOfMeasureQty(1147) of 40,000, means each lean cattle futures contract represents 40,000 lbs of lean cattle.

For Eurodollars futures contracts, a UnitOfMeasure of Ccy with a UnitOfMeasureCurrency(1716) of USD and a UnitOfMeasureQty(1147) of 1,000,000, means a Eurodollar futures contract represents 1,000,000 USD.

For gold futures contracts, a UnitOfMeasure is oz\_tr (Troy ounce) with a UnitOfMeasureQty(1147) of 1,000, means each gold futures contract represents 1,000 troy ounces of gold.

Type: **String**

Allowed values in UnitOfMeasureCodeSet:

Code	Name	Description
Alw	Allowances	Allowances
Bcf	BillionCubicFeet	Billion cubic feet
Bbl	Barrels	Barrels. Equal to 42 US gallons
CBM	CubicMeters	Cubic Meters
BDFT	BoardFeet	Board feet. Equal to 144 cubic inches
GJ	Gigajoules	gigajoules
Bu	Bushels	Bushels
kHR	HeatRate	Heat rate. The number of BTUs required to produce one kilowatt hour of electricity, typically 3,412.14 BTUs per 1 kWh.
Ccy	Currency	Amount of currency
kWh	KilowattHours	Kilowatt hours
CDD	CoolingDegreeDay	Cooling degree day
MHR	MegaHeatRate	Mega heat rate. The number of million BTUs required to produce one megawatt hour of electricity, typically 3.41214 million BTUs per 1 MWh.
CER	CertifiedEmissionsReduction	Certified emissions reduction
MMBtu	OneMillionBTU	One Million BTU
CPD	CriticalPrecipDay	Critical precipitation day
MWh	MegawattHours	Megawatt hours
CRT	ClimateReserveTonnes	Climate reserve tonnes
thm	Therms	therms. Equal to 100,000 BTU
cwt	Hundredweight	Hundredweight(US). Equal to 100 lbs
tnCO2	TonsOfCarbonDioxide	Tons of carbon dioxide
day	Day	Days
dt	DryMetricTons	Dry metric tons
EnvAllwnc	EnvAllwncCert	Environmental allowance certificates
EnvCrd	EnvironmentalCredit	Environmental credit
EnvOfst	EnvironmentalOffset	Environmental Offset
g	Grams	Grams
Gal	Gallons	Gallons

<b>Code</b>	<b>Name</b>	<b>Description</b>
GT	GrossTons	Gross tons. Also known as long tons or imperial tons, equal to 2240 lbs
HDD	HeatingDegreeDay	Heating degree day
IPNT	IndexPoint	Index point
kg	Kilograms	Kilograms
kL	Kiloliters	kiloliters
kW-a	KilowattYear	Kilowatt year (electrical capacity)
kW-d	KilowattDay	Kilowatt day (electrical capacity)
kW-h	KilowattHour	Kilowatt hour (electrical capacity)
kW-M	KilowattMonth	Kilowatt month (electrical capacity)
kW-min	KilowattMinute	Kilowatt-Minute (electrical capacity)
L	Liters	liters
lbs	Pounds	pounds
MW-a	MegawattYear	Megawatt year (electrical capacity)
MW-d	MegawattDay	Megawatt day (electrical capacity)
MW-h	MegawattHour	Megawatt hour (electrical capacity)
MW-M	MegawattMonth	Megawatt month (electrical capacity)
MW-min	MegawattMinute	Megawatt minute (electrical capacity)
oz_tr	TroyOunces	Troy ounces
PRINC	PrincipalWithRelationToDebtInstrument	Principal with relation to debt instrument
t	MetricTons	Metric tons. Also known as Tonnes, equal to 1000 kg
tn	Tons	Tons (US). Equal to 2000 lbs
a	Are	Are
ac	Acre	Acre
cL	Centiliter	Centiliter
cM	Centimeter	Centimeter
DGE	DieselGallonEquivalent	Diesel gallon equivalent
ft	Foot	Foot
Gal_gb	GBGallon	GB Gallon
GGE	GasolineGallonEquivalent	Gasonline gallon equivalent
ha	Hectare	Hectare
in	Inch	Inch
kM	Kilometer	Kilometer
M	Meter	Meter

<b>Code</b>	<b>Name</b>	<b>Description</b>
mi	Mile	Mile
mL	Milliliter	Milliliter
mM	Millimeter	Millimeter
oz	USOunce	US ounce
pc	Piece	Piece
pt	USPint	US Pint
pt_gb	GBPint	GB pint
qt	USQuart	US Quart
qt_gb	GBQuart	GB Quart
SqcM	SquareCentimeter	Square centimeter
Sqft	SquareFoot	Square foot
Sqin	SquareInch	Square inch
SqkM	SquareKilometer	Square kilometer
SqM	SquareMeter	Square meter
Sqmi	SquareMile	Square mile
SqmM	SquareMillimeter	Square millimeter
Sqyd	SquareYard	Square yard
yd	Yard	Yard
MMbbl	MillionBarrels	Million Barrels
USD	USDollars	US Dollars

Used in components: [Instrument](#)

#### **170.2.6726 UnitOfMeasureCurrency**

Indicates the currency of the unit of measure. Conditionally required when UnitOfMeasure(996) = Ccy

Type: [Currency](#)

Used in components: [Instrument](#)

#### **170.2.6727 UnitOfMeasureCurrencyCodeSource**

Identifies class or source of the UnitOfMeasureCurrency(1716) value.



Type: **String**

Allowed values in CurrencyCodeSourceCodeSet:

Code	Name	Description
1	CUSIP	CUSIP
2	SEDOL	SEDOL
4	ISINNumber	ISIN
6	ISOCurrencyCode	ISO Currency Code (ISO 4217)
S	FinancialInstrumentGlobalIdentifier	Financial Instrument Global Identifier. An Object Management Group (OMG) standard. Also referred to as FIGI. Formerly known as "Bloomberg Open Symbology BBGID".
Y	DigitalTokenIdentifier	Digital Token Identifier (ISO 24165)

Used in components: **Instrument**

#### 170.2.6728 UnitOfMeasureQty

Used to indicate the quantity of the underlying commodity unit of measure on which the contract is based, such as, 2500 lbs of lean cattle, 1000 barrels of crude oil, 1000 bushels of corn, etc. UnitOfMeasureQty is required for UnitOfMeasure(996) Variable Quantity UOMs enumerations. Refer to the definition of UnitOfMeasure(996) for more information on the use of UnitOfMeasureQty.

Type: **Qty**

Used in components: **Instrument**

#### 170.2.6729 UnsolicitedIndicator

Indicates whether or not message is being sent as a result of a subscription request or not.

Type: **Boolean**

Allowed values in UnsolicitedIndicatorCodeSet:

Code	Name	Description
N	MessagesBeingSentAsAResultOfAPriorRequest	Message is being sent as a result of a prior request
Y	MessagesBeingSentUnsolicited	Message is being sent unsolicited

Used in groups: [TrdSessLstGrp](#)

Used in messages: [MarginRequirementReport](#), [MarketDataStatisticsReport](#), [PartyRiskLimitsReport](#), [PositionReport](#), [RequestForPositionsAck](#), [SecurityMassStatus](#), [SecurityStatus](#), [TradeCaptureReport](#), [TradingSessionStatus](#)

### **170.2.6730 UpfrontPrice**

Price used to determine upfront payment for swaps contracts.

Type: [Price](#)

Used in messages: [ExecutionReport](#), [NewOrderMultileg](#), [NewOrderSingle](#)

### **170.2.6731 UpfrontPriceType**

Type of price used to determine upfront payment for swaps contracts.

Type: [int](#)

Allowed values in UpfrontPriceTypeCodeSet:

Code	Name	Description
1	Percentage	Percentage (i.e. percent of par) (often called "dollar price" for fixed income)
3	FixedAmount	Fixed amount (absolute value)

Used in messages: [ExecutionReport](#), [NewOrderMultileg](#), [NewOrderSingle](#), [TradeCaptureReport](#)

### **170.2.6732 UPICode**

Uniquely identifies the product of a security using ISO 4914 standard, Unique Product Identifier (UPI). The DSB (Derivative Service Bureau Ltd) is acting as designated service provider for UPI System.

Type: [String](#)

Used in components: [Instrument](#)

Used in groups: [SecTypesGrp](#), [SettlInstGrp](#)

Used in messages: [SettlementInstructionRequest](#)

**170.2.6733 Urgency**

Urgency flag

Type: **char**

Allowed values in UrgencyCodeSet:

---

Code	Name	Description
0	Normal	Normal
1	Flash	Flash
2	Background	Background

---

Used in messages: **News**

**170.2.6734 URLLink**

A URI (Uniform Resource Identifier) or URL (Uniform Resource Locator) link to additional information (i.e. <http://www.XYZ.com/research.html>)

See "Appendix 6-B FIX Fields Based Upon Other Standards"

Type: **String**

Used in messages: **Advertisement, IOI, News**

**170.2.6735 Username**

Userid or username.

Type: **String**

Used in groups: **UsernameGrp**

Used in messages: **Logon, UserRequest, UserResponse**

**170.2.6736 UsernameGrp**

---

Name	Mult.	Type	Description
<b>NoUsernames</b>	[1..1]	NumInGroup	Number of usernames

---

---

Name	Mult.	Type	Description
Username	[0..1]	String	Recipient of the notification

---

Used in messages: [UserNotification](#)

### 170.2.6737 UserRequestID

Unique identifier for a User Request.

Type: [String](#)

Used in messages: [UserRequest](#), [UserResponse](#)

### 170.2.6738 UserRequestType

Indicates the action required by a User Request Message

Type: [int](#)

Allowed values in UserRequestTypeCodeSet:

---

Code	Name	Description
1	LogOnUser	Log On User
2	LogOffUser	Log Off User
3	ChangePasswordForUser	Change Password For User
4	RequestIndividualUserStatus	Request Individual User Status
5	RequestThrottleLimit	Request Throttle Limit

---

Used in messages: [UserRequest](#)

### 170.2.6739 UserStatus

Indicates the status of a user

Type: [int](#)

Allowed values in UserStatusCodeSet:

---

Code	Name	Description
1	LoggedIn	Logged In
2	NotLoggedIn	Not Logged In
3	UserNotRecognised	User Not Recognised
4	PasswordIncorrect	Password Incorrect
5	PasswordChanged	Password Changed
6	Other	Other
7	ForcedUserLogoutByExchange	Forced user logout by Exchange
8	SessionShutdownWarning	Session shutdown warning
9	ThrottleParametersChanged	Throttle parameters changed

---

Used in messages: [UserNotification](#), [UserResponse](#)

#### **170.2.6740 UserStatusText**

A text description associated with a user status.

Type: [String](#)

Used in messages: [UserResponse](#)

#### **170.2.6741 ValidUntilTime**

Indicates expiration time of indication message (always expressed in UTC (Universal Time Coordinated, also known as "GMT"))

Type: [UTCTimestamp](#)

Used in groups: [QuotEntryAckGrp](#), [QuotEntryGrp](#), [QuotReqGrp](#)

Used in messages: [IOI](#), [Quote](#), [QuoteResponse](#), [QuoteStatusReport](#)

#### **170.2.6742 ValuationBusinessCenter**

Identifies the business center whose calendar is used for valuation, e.g. "GBLO".

See <http://www.fpml.org/coding-scheme/business-center> for standard 4-character code values.

Type: [String](#)

Used in messages: [PositionMaintenanceReport](#), [PositionReport](#), [TradeCaptureReport](#)

**170.2.6743 ValuationDate**

The valuation date of the trade.

Type: [LocalMktDate](#)

Used in messages: [PositionMaintenanceReport](#), [PositionReport](#), [TradeCaptureReport](#)

**170.2.6744 ValuationMethod**

Specifies the type of valuation method applied.

Type: [String](#)

Allowed values in ValuationMethodCodeSet:

Code	Name	Description
EQTY	PremiumStyle	premium style
FUT	FuturesStyleMarkToMarket	futures style mark-to-market
FUTDA	FuturesStyleWithAnAttachedCashAdjustment	futures style with an attached cash adjustment
CDS	CDSStyleCollateralization	CDS style collateralization of market to market and coupon
CSDS	CDSInDeliveryUseRecoveryRateToCalculate	CDS in delivery - use recovery rate to calculate obligation

Used in components: [Instrument](#)

**170.2.6745 ValuationReferenceModel**

Specifies the methodology and/or assumptions used to generate the trade value.

Type: [String](#)

Used in components: [Instrument](#)

**170.2.6746 ValuationSource**

Specifies the source of trade valuation data.

Type: [String](#)

Used in components: [Instrument](#)

**170.2.6747 ValuationTime**

The valuation time of the trade.

Type: [LocalMktTime](#)

Used in messages: [PositionMaintenanceReport](#), [PositionReport](#), [TradeCaptureReport](#)

**170.2.6748 ValueCheckAction**

Action to be taken for the ValueCheckType(1869).

Type: [int](#)

Allowed values in ValueCheckActionCodeSet:

---

Code	Name	Description
0	DoNotCheck	Do not check. Checks will not be done for the specified ValueCheckType(1869).
1	Check	Check. Checks will be done for the specified ValueCheckType(1869)
2	BestEffort	Best effort. The market may or may not check the specified ValueCheckType(1869) depending on availability of reference data.

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Used in groups: [ValueChecksGrp](#)

**170.2.6749 ValueChecksGrp**

This component can be used by the message submitter to provide a list of value types to be checked by the counterparty or message recipient.

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Name	Mult.	Type	Description
<a href="#">NoValueChecks</a>	[1..1]	NumInGroup	
<a href="#">ValueCheckType</a>	[0..1]	CodeSet	Required if NoValueChecks(1868) > 0.
<a href="#">ValueCheckAction</a>	[0..1]	CodeSet	Required if NoValueChecks(1868) > 0.

---

Used in messages: [ExecutionReport](#), [MultilegOrderCancelReplace](#), [NewOrderMultileg](#), [NewOrderSingle](#), [OrderCancelReplaceRequest](#), [Quote](#)

**170.2.6750 ValueCheckType**

Type of value to be checked.

Type: **int**

Allowed values in ValueCheckTypeCodeSet:

---

Code	Name	Description
1	PriceCheck	Price check. In the context of ESMA RTS 6 Article 15(1)(a) investment firms are required to perform pre-trade controls using "price collars, which automatically block or cancel orders that do not meet set price parameters, differentiating between different financial instruments, both on an order-by-order basis and over a specified period of time".
2	NotionalValueCheck	Notional value check. In the context of ESMA RTS 6 Article 15(1)(b) investment firms are required to perform pre-trade controls using "maximum order values, which prevent orders with an uncommonly large order value from entering the order book".
3	QuantityCheck	Quantity check. In the context of ESMA RTS 6 Article 15(1)(c) investment firms are required to perform pre-trade controls using "maximum order volumes, which prevent orders with an uncommonly large order quantity from entering the order book".

---

Used in groups: **ValueChecksGrp**

**170.2.6751 ValueOfFutures**

Used in EFP trades

Type: **Amt**

Used in groups: **BidDescReqGrp**

**170.2.6752 VegaMultiplier**

Constant value required for the calculation of the clearing quantity, e.g. for variance futures.

Type: **float**

Used in groups: **ClearingPriceParametersGrp**



**170.2.6753 VenueType**

Identifies the type of venue where a trade was executed.

Type: **char**

Allowed values in VenueTypeCodeSet:

Code	Name	Description
E	Electronic	Electronic exchange
P	Pit	Pit
X	ExPit	Ex-pit
C	ClearingHouse	Clearinghouse
R	RegisteredMarket	Registered market. Markets registered with regulators such as exchange, multilateral trading facility (MTF), swap execution facility (SEF). In the context of regulatory reporting (e.g. CFTC reporting), this is used for regulated markets, e.g. swap markets.
O	OffMarket	Off-market. Off-book, off-facility. In the context of regulatory reporting (e.g. CFTC reporting) this identifies trades conducted away from a regulated market.
B	CentralLimitOrderBook	Central limit order book
Q	QuoteDrivenMarket	Quote driven market
D	DarkOrderBook	Dark order book
A	AuctionDrivenMarket	Auction driven market. Markets where matching occurs only in scheduled auctions.
N	QuoteNegotiation	Quote negotiation. Discretionary quoting on request or "request for quote" market.
V	VoiceNegotiation	Voice negotiation. A trading system where transactions between members are arranged through voice negotiation.
H	HybridMarket	Hybrid market. A hybrid system falling into two or more types of trading systems. In the context of ESMA reporting, this is for "Hybrid system." In the context of FCA reporting, this is for "Any other, including hybrid."
z	OtherMarket	Other market (lowercase "z"). A market that does not fall under any of the market types defined for VenueType(1430). In the context of ESMA reporting, this is for "Any other, excluding hybrid."

Used in messages: **AllocationInstruction**, **AllocationReport**, **ExecutionReport**, **TradeCaptureReport**, **TradeCaptureReportAck**, **TradeMatchReport**

**170.2.6754 VerificationMethod**

Indication of how a trade was verified.

Type: [int](#)

Allowed values in VerificationMethodCodeSet:

Code	Name	Description
0	NonElectronic	Non-electronic
1	Electronic	Electronic

Used in messages: [TradeCaptureReport](#)

**170.2.6755 VersusPurchaseDate**

The effective acquisition date of the lot that would be used for gain-loss trade lot reporting. The versus purchase date used to identify the lot in situations where a custodial lot identifier is not available.

Type: [LocalMktDate](#)

Used in groups: [AllocAckGrp](#), [AllocGrp](#), [PreAllocGrp](#), [PreAllocMlegGrp](#), [TrdAllocGrp](#)

**170.2.6756 VersusPurchasePrice**

The versus purchase price used to identify the lot in situations where a custodial lot identifier is not available. The value should be calculated based on current cost basis / quantity held.

Type: [Price](#)

Used in groups: [AllocAckGrp](#), [AllocGrp](#), [PreAllocGrp](#), [PreAllocMlegGrp](#), [TrdAllocGrp](#)

**170.2.6757 Volatility**

Annualized volatility for option model calculations

Type: [float](#)

Used in groups: [ClearingPriceParametersGrp](#)

Used in messages: [ExecutionReport](#), [TradeCaptureReport](#)

**170.2.6758 VoluntaryRegulatoryReport**

Used in conjunction with RegulatoryReportType(1934) to indicate whether the trade report is a voluntary regulatory report. If not specified, the default for a regulatory report is "N".

When VoluntaryRegulatoryReport(1935)=Y it is recommended that one of the parties to the trade be identified as the voluntary reporting party through PartySubIDType(803) = 63 (Voluntary reporting entity).

Type: **Boolean**

Used in messages: **TradeCaptureReport**

**170.2.6759 WarningText**

Communicates the underlying condition when the request response indicates "warning".

Type: **String**

Used in messages: **CollateralResponse**

**170.2.6760 WireReference**

The reference to a wire transfer associated with the transaction. Wire references done via wire services such as Fedwire Output Message Accountability Data "OMAD" or SWIFT Output Sequence Number "OSN".

Type: **String**

Used in messages: **CollateralAssignment, CollateralReport, CollateralResponse**

**170.2.6761 WorkingIndicator**

Indicates if the order is currently being worked. Applicable only for OrdStatus = "New". For open outcry markets this indicates that the order is being worked in the crowd. For electronic markets it indicates that the order has transitioned from a contingent order to a market order.

Type: **Boolean**

Allowed values in WorkingIndicatorCodeSet:

Code	Name	Description
N	NotWorking	Order has been accepted but not yet in a working state
Y	Working	Order is currently being worked

Used in groups: [OrdListStatGrp](#)

Used in messages: [ExecutionReport](#), [OrderCancelReject](#)

### 170.2.6762 WtAverageLiquidity

Overall weighted average liquidity expressed as a % of average daily volume. Represented as a percentage.

Type: [Percentage](#)

Used in messages: [BidRequest](#)

### 170.2.6763 XmlData

Actual XML data stream (e.g. FIXML). See appropriate XML reference (e.g. FIXML). Note: may contain embedded SOH characters.

Type: [XMLData](#)

Used in components: [StandardHeader](#)

### 170.2.6764 XmlDataLen

Length of the XmlData data block.

Type: [Length](#)

Used in components: [StandardHeader](#)

### 170.2.6765 Yield

Yield percentage.

(Note tag # was reserved in FIX 4.1, added in FIX 4.3)

Type: [Percentage](#)

Used in components: [YieldData](#)

**170.2.6766 YieldCalcDate**

Include as needed to clarify yield irregularities associated with date, e.g. when it falls on a non-business day.

Type: [LocalMktDate](#)

Used in components: [YieldData](#)

**170.2.6767 YieldData**

The YieldData component block conveys yield information for a given Fixed Income security.

Name	Mult.	Type	Description
<a href="#">YieldType</a>	[0..1]	CodeSet	
<a href="#">Yield</a>	[0..1]	Percentage	
<a href="#">YieldCalcDate</a>	[0..1]	LocalMktDate	
<a href="#">YieldRedemptionDate</a>	[0..1]	LocalMktDate	
<a href="#">YieldRedemptionPrice</a>	[0..1]	Price	
<a href="#">YieldRedemptionPriceType</a>	[0..1]	CodeSet	

Used in groups: [ListOrdGrp](#), [MDFullGrp](#), [MDIncGrp](#), [QuotReqGrp](#), [QuotReqRjctGrp](#), [SecListGrp](#), [SecLstUpdRelSymGrp](#)

Used in messages: [AllocationInstruction](#), [AllocationInstructionAlert](#), [AllocationReport](#), [Confirmation](#), [CrossOrderCancelReplaceRequest](#), [ExecutionReport](#), [IOI](#), [NewOrderCross](#), [NewOrderSingle](#), [OrderCancelReplaceRequest](#), [Quote](#), [QuoteResponse](#), [QuoteStatusReport](#), [SecurityDefinition](#), [SecurityDefinitionRequest](#), [SecurityDefinitionUpdateReport](#), [TradeCaptureReport](#)

**170.2.6768 YieldRedemptionDate**

Date to which the yield has been calculated (i.e. maturity, par call or current call, pre-refunded date).

Type: [LocalMktDate](#)

Used in components: [YieldData](#)

**170.2.6769 YieldRedemptionPrice**

Price to which the yield has been calculated.

Type: **Price**

Used in components: **YieldData**

**170.2.6770 YieldRedemptionPriceType**

The price type of the YieldRedemptionPrice (697)

See PriceType (423) for description and valid values.

Type: **int**

Allowed values in PriceTypeCodeSet:

<b>Code</b>	<b>Name</b>	<b>Description</b>
1	Percentage	Percentage (i.e. percent of par) (often called "dollar price" for fixed income)
2	PerUnit	Per unit (i.e. per share or contract)
3	FixedAmount	Fixed amount (absolute value)
4	Discount	Discount - percentage points below par
5	Premium	Premium - percentage points over par
6	Spread	Spread (basis points spread). Usually the difference in yield between two switched bonds or a corporate bond traded spread-to-benchmark.
7	TEDPrice	TED Price
8	TEDYield	TED Yield
9	Yield	Yield
10	FixedCabinetTradePrice	Fixed cabinet trade price (primarily for listed futures and options)
11	VariableCabinetTradePrice	Variable cabinet trade price (primarily for listed futures and options)
12	PriceSpread	Price spread. Price spread is expressed based on market convention for the asset being priced or traded. For example, the difference between the prices of a multileg switch or strategy expressed in basis points for a CDS or TBA roll; a price value to be added to a reference price, such as a "pay up" for specified pools
13	ProductTicksInHalves	Product ticks in halves

Code	Name	Description
14	ProductTicksInFourths	Product ticks in fourths
15	ProductTicksInEighths	Product ticks in eighths
16	ProductTicksInSixteenths	Product ticks in sixteenths
17	ProductTicksInThirtySeconds	Product ticks in thirty-seconds
18	ProductTicksInSixtyFourths	Product ticks in sixty-fourths
19	ProductTicksInOneTwentyEighths	Product ticks in one-twenty-eighths
20	NormalRateRepresentation	Normal rate representation (e.g. FX rate)
21	InverseRateRepresentation	Inverse rate representation (e.g. FX rate)
22	BasisPoints	Basis points. When the price is not spread based.
23	UpfrontPoints	Up front points. Used specifically for CDS pricing.
24	InterestRate	Interest rate. When the price is an interest rate. For example, used with benchmark reference rate.
25	PercentageNotional	Percentage of notional

Used in components: [YieldData](#)

### 170.2.6771 YieldType

Type of yield. (Note tag # was reserved in FIX 4.1, added in FIX 4.3)

Type: [String](#)

Allowed values in YieldTypeCodeSet:

Code	Name	Description
AFTERTAX	AfterTaxYield	After Tax Yield (Municipals)
ANNUAL	AnnualYield	Annual Yield
ATISSUE	YieldAtIssue	Yield At Issue (Municipals)
AVGMATURITY	YieldToAverageMaturity	Yield To Avg Maturity
BOOK	BookYield	Book Yield
CALL	YieldToNextCall	Yield to Next Call
CHANGE	YieldChangeSinceClose	Yield Change Since Close
CLOSE	ClosingYield	Closing Yield
COMPOUND	CompoundYield	Compound Yield
CURRENT	CurrentYield	Current Yield

<b>Code</b>	<b>Name</b>	<b>Description</b>
GOVTEQUIV	GvntEquivalentYield	Gvnt Equivalent Yield
GROSS	TrueGrossYield	True Gross Yield
INFLATION	YieldWithInflationAssumption	Yield with Inflation Assumption
INVERSEFLOATER	InverseFloaterBondYield	Inverse Floater Bond Yield
LASTCLOSE	MostRecentClosingYield	Most Recent Closing Yield
LASTMONTH	ClosingYieldMostRecentMonth	Closing Yield Most Recent Month
LASTQUARTER	ClosingYieldMostRecentQuarter	Closing Yield Most Recent Quarter
LASTYEAR	ClosingYieldMostRecentYear	Closing Yield Most Recent Year
LONGAVGLIFE	YieldToLongestAverageLife	Yield to Longest Average Life
MARK	MarkToMarketYield	Mark to Market Yield
MATURITY	YieldToMaturity	Yield to Maturity
NEXTREFUND	YieldToNextRefund	Yield to Next Refund (Sinking Fund Bonds)
OPENAVG	OpenAverageYield	Open Average Yield
PREVCLOSE	PreviousCloseYield	Previous Close Yield
PROCEEDS	ProceedsYield	Proceeds Yield
PUT	YieldToNextPut	Yield to Next Put
SEMIANNUAL	SemiAnnualYield	Semi-annual Yield
SHORTAVGLIFE	YieldToShortestAverageLife	Yield to Shortest Average Life
SIMPLE	SimpleYield	Simple Yield
TAXEQUIV	TaxEquivalentYield	Tax Equivalent Yield
TENDER	YieldToTenderDate	Yield to Tender Date
TRUE	TrueYield	True Yield
VALUE1_32	YieldValueOf32nds	Yield Value Of 1/32
WORST	YieldToWorst	Yield To Worst

Used in components: [YieldData](#)