

OTC Link FIX Messaging Service – "FIXIE RFQ" Client Specification

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1 Introduction

The OTC Link FIX Messaging Service allows OTC Link market participants to submit Request For Quote (RFQ) messages electronically to *OTC Link*, an Interdealer

Quotation system and Message Routing and Executions service for OTCQX, OTCQB and OTC Pink securities.

This service utilizes the FIX 5.0 protocol standard as defined by www.fixprotocol.org, with some exclusive custom extensions.

Connection to the OTC FIX gateway is typically made through one or more extranet vendors. Please contact techsupport@otcmarkets.com for latest connectivity information.

OTC FIX gateways are configured to talk to a single service per port. Customers who wish to send and receive messages for different services should contact OTC Markets to provision at least one port for every service. The table below describes the OTC Link services currently offered via OTCFIX.

| Service | Description |
|-------------|-----------------------------|
| Quotes | OTC Link quotation platform |
| Trades | OTC Link trade messaging |
| Volume Feed | OTC Link Volume Feed |
| RFQ | OTC Link RFQ messaging |

If the connection to an OTC FIX session is lost and reestablished later in the day, OTC will deliver all the queued outbound traffic that would have been received if the connection had not been lost. However, when a connection is initially established, even if it's later in the day, only messages generated from time of connection will be delivered. I.e., Messages queued prior to initial connection will not be delivered.

2 OTC Link - RFQ Messaging

2.1 Definitions

Message Sender. The subscriber firm sending a FIX message to OTC Markets from an OMS or similar trading application.

Message Receiver. The subscriber firm receiving a FIX message from OTC Markets.

Initiator. The subscriber firm starting an RQF negotiation by sending an RFQ message.

Respondent. The subscriber firm receiving this RFQ message

RFQ New Message: A message sent by Initiator to respondent with a request for a bid and/or ask quote price for a specific number of shares of a security

RFQ Response Message: A response message sent by the respondent to indicate the bid and/or ask price the respondent is willing to quote.

RFQ Accept Message: A message sent by initiator to respondent to accept the respondent's response to and RFQ

MPID: The FINRA assigned 4 letter ID code for a subscriber firm.

Trader ID: The login ID for a particular user account belonging to a subscriber firm. The specified user account is the one associated with the transaction, the analog of a user logged into a Dealer session.

Transaction: A series of messages that constitute a discrete RFQ action. Example: Receiving an RFQ, responding with a quote and having the quote accepted.

2.2 Business Rules

2.2.1 General

OTC Link allows two parties to exchange messages, i.e. RFQ new messages, RFQ response messages, response accepts or declines. The operating hours for OTC Link are currently 6:00 am to 5:00 pm. RFQ new messages must have a specific Time In Force duration. All RFQ Messages are cancelled automatically when the service closes.

It's important to note that OTC Link acts as a middleman. OTC Link will acknowledge every message it receives. No submission to OTC Link can be assumed to be successful until a confirmation is returned from OTC Link. A successful message submission results in a Confirmation. A failed submission results in a Reject messages. The confirmation or rejection received depends on the message being submitted. Each response will include a ResultCode tag, which confirms successful submission or explains why it failed. See chapter 5 for a list of Result Codes.

The initiator starts the RFQ Message process by submitting the RFQ New Message to OTC Link. If OTC Link successfully validates the message, it will forward it to the selected respondents (one or more respondents can be selected on a single RFQ New Message). Each respondent will receive the RFQ New Message. Before it expires, the respondents can respond to or decline the RFQ New Message. While the RFQ New Message is active and before it expires or is responded to, the initiator can cancel it. The initiator can also accept a respondent's response. Before the respondent's response is accepted, the respondent can cancel or modify the response.

2.2.2 Receipt/Delivery Policy

Only preferenced RFQ New Messages are allowed, i.e. they cannot be broadcast; only sent to specific firms. The respondents need not have a quote in OTC Link for the security. A respondent is specified as a market maker.

OTC Link will process messages on a first come / first serve basis. That means if two messages arrive for the same RFQ Message at almost the same time, the first message received by OTC Link will be processed first. Based on the result of that, the second message may get rejected, for example because a RFQ Message has been accepted.

2.2.3 User Specified RFQ Message Properties

The initiator of an RFQ New Message must include: 1) at least one respondent, 2) symbol, and 3) size. Optionally, a requested side of Bid, Ask or both can be included. If side is not included, it will default to both. The initiator can optionally include an RFQ Time In Force (TIF) of DAY or duration in seconds. If TIF is not included, it will default to 30 secs.

The respondent sending an RFQ Response Message must include a Bid Quote or Ask quote (optionally, both Bid Quote and Ask Quote can be included).

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2.2.4 RFQ Message State

An RFQ New Message must be in one of different states. After being submitted initially, it is in New state and is Live. Another Live state is Responded to.

Expired states are Accepted, Declined and Timed Out. To be in the Declined state, all selected respondents need to have declined the RFQ message. A Live RFQ New Message can move to Expired state from any Live state. Once Expired it cannot become Live again.

The message state is indicated in the OrdStatus tag when available.

2.2.5 Message IDs

OTC Link will assign a unique RFQ ID to each successful RFQ New Message. The RFQ ID is an incremental numeric.

The RFQ ID is passed on to both sides of a Message dialog in the OrderID (37) tag. All subsequent references to the RFQ New Message must refer to it with this RFQ ID.

Both sides may pass their own ID in the ClOrdID (11) tag in all incoming messages. The ID can be any text up to 40 characters long. All subsequent messages will echo back this ID in the ClOrdID tag. Though it is not enforced, it is encouraged that this ID be unique for the day for each subscriber.

3 FIX Messages

3.1 Identification and Routing Header

All inbound messages to or outbound messages from OTC Link contain some or all of the following tags to identify the Type, Message Identifiers, Sender and Receiver of the message:

| Tag | Tag Name | Messages inbound to OTC Link | Messages outbound from OTC Link | Comments |
|-----|------------------|--------------------------------------------------------|--------------------------------------------------------|-----------------------------------------------------------------------|
| 8 | BeginString | FIX.5.0 | FIX.5.0 | Standard FIX message type. |
| 9 | BodyLength | Message length in bytes | Message length in bytes | Standard FIX message type. |
| 11 | ClOrdID | Sender's own message ID | Echoes back own ID | Standard FIX message type. |
| 34 | MsgSeqNum | Message sequence number | Message sequence number | Standard FIX message type. |
| 35 | MsgType | Message Type Code | Message Type Code | Standard FIX message type. |
| 37 | OrderID | The OTC Markets issued RFQ ID | The OTC Markets issued RFQ ID | Standard FIX message type. |
| 49 | SenderCompID | The identity of the gateway submitting the message | The identity of the gateway receiving the message | Standard FIX session IDs. Assigned per- connection. |
| 52 | SendingTime | Date and time that message was sent. All times are GMT | Date and time that message was sent. All times are GMT | Standard FIX message type. |
| 56 | TargetCompID | The identity of the gateway receiving the message | The identity of the gateway submitting the message | Standard FIX session IDs. Assigned per- connection. |
| 115 | OnBehalfOfCompID | The FINRA issued MPID of your firm | The FINRA issued MPID of counterparty | Always 4 characters |
| 116 | OnBehalfOfSubID | Trader ID of message sender at your firm | (not used) | Up to 10 characters |
| 128 | DeliverToCompID | FINRA issued MPID(s) of firm(s) receiving RFQ message | The FINRA issued MPID of your firm | To OTCFIX: RFQ Send message only (ignored in other messages) |
| 129 | DeliverToSubID | (not used) | Trader ID at your firm message is directed at | |

Notes:

- **Message Type**: Always tag 35 (MsgType). The value of this tag is present on every FIX message and indicates the message content and tag structure.
- Message Identifiers: Subscribers can submit an optional private message ID on tag 11 when sending messages to OTC Link. This ID value will be echoed back on acks and drop copies. This ID will not be shared with the counter party. When submitting a message against an existing RFQ New Message or RFQ Response Message, the message must be identified using the OTC Market's RFQ ID in tag 37.
- **Session IDs**: Always tags 49 (SenderCompID) and 56 (TargetCompID). These tags are present on every message and a core part of the FIX protocol. They are typically handled automatically by the FIX messaging engine on either side of a connection. OTC Markets will assign the appropriate ID values as part connection provisioning. They have no effect on how the message is processed beyond the immediate FIX session.
- Inbound Firm Account IDs: Tags 115 (OnBehalfOfCompID) and 116 (OnBehalfOfSubID) are optional for a generic FIX implementation but mandatory for OTC Market's implementation. All transactions on OTC Market's systems are associated with at least one trader account. In the OTC Dealer application, a user logs in with an assigned MPID and trader ID. For FIX sessions, the FINRA issued MPID and trader ID of the firm and user submitting the message should be sent on these tags instead. Because some FIX connections may handle messaging for multiple firms, these tags are always required to be sent. The FIX gateway maintains a list of firms that are authorized for every connection and will reject any messages with MPIDs that are not authorized. Tag 128 is also used on the Inbound New Order message to specify which firm(s) a New Trade message should be delivered to.
- Outbound Firm Account IDs: Tags 128 (DeliverToCompID) and 129 (DeliverToSubID) are used
 on outbound messages to identify the MPID and trader ID the message is being sent to. For the
 OTC Dealer application, these values determine the particular users who would see a message,
 notification, or some other action that appears on Dealer screens. For FIX sessions, the firm and
 trader identification values are placed on these tags instead so that the receiving system can
 process and route as appropriate. Tags 115 and 116 specify the counterparty of the RFQ
 message.

Tags for the Routing and Identification header are highlighted in yellow in the message detail tables. For inbound messages, highlighted tags are those that subscribers are expected to send. For outbound messages, highlighted tags are those that OTC Markets will send as part of the message.

With the exception of ClOrdID (11), all tags of the Identification header are requited. If ClOrdID is omitted, then no Client Order ID will be echoed back to the subscriber.

3.2 Messages Submitted to OTC Link

3.2.1 RFQ New (Incoming to Link) Message

An RFQ New Message is initiated by sending a FIX Quote Request (35=R) message to OTC Markets on your subscriber FIX line. Sender of RFQ New Message gets back an Execution Report (35=8) message confirming success or failure, Receiver receives an RFQ New Message (35=R).

| Tag ID | Tag Name | Required | Description |
|--------|--------------|----------|---------------|
| 35 | MsgType | Yes | Should be "R" |
| 49 | SenderCompID | Yes | Assigned |

| 56 | TargetCompID | Yes | Assigned |
|------|------------------|------|---------------------------------------------------------|
| 115 | OnBehalfOfCompID | Yes | FINRA issued MPID |
| 116 | OnBehalfOfSubID | Yes | OTC Link Trader ID |
| 128 | DeliverToCompID | Yes | The 4 character market participant ID of the |
| | | | Respondent. When sending an RFQ New Message to |
| | | | multiple receivers, separate multiple receivers by a |
| 44 | OlOIID | NI- | single space. |
| 11 | CIOrdID | No | A unique identifier, max 40 characters. |
| 55 | Symbol | Cond | Identifying symbol for security. If the optional 48/22 |
| | | | tags are not sent, this tag will be required. If the |
| | | | optional 48/22 tags are sent as well, this tag will be |
| | | | ignored. |
| 65 | SymbolSfx | No | Optional Symbol Suffix |
| 48 | SecurityID | Cond | Optional CUSIP identifier |
| 22 | IDSource | Cond | Should contain "1" if a CUSIP was passed in |
| | | | SecurityID |
| 54 | Side | No | Valid values: |
| | | | 1 = Bid |
| | | | 2 = Ask |
| | | | 7 = Both (default) |
| 38 | Size | Yes | Number of shares |
| 59 | RFQ TimeInForce | No | Valid values: |
| | | | 0 = DAY |
| | | | 6 = GTD - Good Til Duration (default) |
| 9559 | RFQ Duration | No | When 59 = 6, the Time In Force until message |
| | | | expires, in whole seconds. If no duration is specified, |
| | | | the default is 30 seconds. Ignored, if 59 = 0. |

3.2.2 RFQ Response (Incoming to Link) Message

Receiver of an RFQ New Message submits the RFQ Response message to reply with a Bid and/or Ask price. Sender of RFQ Response Message gets back an Execution Report (35=8) message confirming success or failure, Receiver receives an RFQ Response message (35=AJ).

| Tag ID | Tag Name | Required | Description |
|--------|-------------------|----------|------------------------------------------------------------|
| 35 | MsgType | Yes | Should be "AJ" |
| 49 | SenderCompID | Yes | Assigned |
| 56 | TargetCompID | Yes | Assigned |
| 115 | OnBehalfOfCompID | Yes | FINRA issued MPID |
| 116 | OnBehalfOfSubID | Yes | OTC Link Trader ID |
| 37 | OrderID | Yes | The OTC Link RFQ ID being responded to |
| 11 | ClOrdID | No | A unique identifier, max 40 characters. |
| 59 | Response | No | Valid values: |
| | TimeInForce | | 0 = DAY |
| | | | 6 = GTD - Good Til Duration (default) |
| 9559 | Response Duration | No | When 59 = 6, the Time In Force until message expires, |
| | | | in whole seconds. If no duration is specified, the default |
| | | | is 30 seconds. Ignored, if 59 = 0. |
| 132 | BidPx | No | The price for the bid side. Required, if OfferPx is blank. |
| 133 | OfferPx | No | The price for the offer side. Required, if BidPx is blank. |

3.2.3 Cancel RFQ New Message

While an RFQ New Message is still live, initiator can cancel by submitting below message. Both sides receive an Execution Report confirming cancellation; Sender gets back Cancel Reject if unsuccessful.

| Tag ID | Tag Name | Required | Description |
|--------|------------------|----------|------------------------------------------------------|
| 35 | MsgType | Yes | Should be "K" |
| 49 | SenderCompID | Yes | Assigned |
| 56 | TargetCompID | Yes | Assigned |
| 115 | OnBehalfOfCompID | Yes | FINRA issued MPID |
| 116 | OnBehalfOfSubID | Yes | OTC Link Trader ID |
| 37 | OrderID | No | The OTC Link RFD ID being cancelled. Required, if |
| | | | ClOrdID is blank. |
| 11 | ClOrdID | No | A unique identifier, max 40 characters. Required, if |
| | | | OrderID is blank. |

3.2.4 Decline RFQ New Message

While an RFQ New Message is still live, respondent can decline it by submitting the below message. Both sides receive an Execution Report confirming decline, Receiver (message submitter) gets back Decline Reject if unsuccessful.

| Tag ID | Tag Name | Required | Description |
|--------|------------------|----------|-----------------------------------------|
| 35 | MsgType | Yes | Should be "AG" |
| 49 | SenderCompID | Yes | Assigned |
| 56 | TargetCompID | Yes | Assigned |
| 115 | OnBehalfOfCompID | Yes | FINRA issued MPID |
| 116 | OnBehalfOfSubID | Yes | OTC Link Trader ID |
| 37 | OrderID | Yes | The OTC Link RFQ ID being declined |
| 11 | ClOrdID | No | A unique identifier, max 40 characters. |

3.2.5 Cancel RFQ Response Message

While an RFQ Response Message is still live, respondent can cancel the response by submitting below message. Both sides receive an Execution Report confirming cancellation; Sender gets back Cancel Reject if unsuccessful.

| Tag ID | Tag Name | Required | Description |
|--------|------------------|----------|-----------------------------------------|
| 35 | MsgType | Yes | Should be "CA" |
| 49 | SenderCompID | Yes | Assigned |
| 56 | TargetCompID | Yes | Assigned |
| 115 | OnBehalfOfCompID | Yes | FINRA issued MPID |
| 116 | OnBehalfOfSubID | Yes | OTC Link Trader ID |
| 37 | OrderID | Yes | The OTC Link RFQ ID |
| 11 | ClOrdID | No | A unique identifier, max 40 characters. |

3.2.6 Modify RFQ Response Message

While an RFQ Response Message is still live, respondent can modify the response by submitting below message. Both sides receive an Execution Report confirming modification; Sender gets back Reject if unsuccessful.

| Tag ID | Tag Name | Required | Description |
|--------|------------------|----------|-----------------------------------------|
| 35 | MsgType | Yes | Should be "AC" |
| 49 | SenderCompID | Yes | Assigned |
| 56 | TargetCompID | Yes | Assigned |
| 115 | OnBehalfOfCompID | Yes | FINRA issued MPID |
| 116 | OnBehalfOfSubID | Yes | OTC Link Trader ID |
| 37 | OrderID | Yes | The OTC Link RFQ ID |
| 11 | ClOrdID | No | A unique identifier, max 40 characters. |

| 59 | Response TimeInForce | No | Valid values: 0 = DAY 6 = GTD - Good Til Duration (default) |
|------|-------------------------|----|-----------------------------------------------------------------------------------------------------------------------------------------------------|
| 9559 | Response Duration | No | When 59 = 6, the Time In Force until message expires, in whole seconds. If no duration is specified, the default is 30 seconds. Ignored, if 59 = 0. |
| 132 | BidPx | No | The price for the bid side. Required, if OfferPx is blank. |
| 133 | OfferPx | No | The price for the offer side. Required, if BidPx is blank. |

3.2.7 Accept RFQ Response Message

While an RFQ Response Message is still live, initiator can accept a respondent's RFQ Response bid or ask (not both). Both sides receive an Execution Report confirming acceptance; Sender gets back Accept Reject if unsuccessful.

| Tag ID | Tag Name | Required | Description |
|--------|------------------|----------|----------------------------------------------|
| 35 | MsgType | Yes | Should be "CW" |
| 49 | SenderCompID | Yes | Assigned |
| 56 | TargetCompID | Yes | Assigned |
| 115 | OnBehalfOfCompID | Yes | FINRA issued MPID |
| 116 | OnBehalfOfSubID | Yes | OTC Link Trader ID |
| 128 | DeliverToCompID | Yes | The 4 character market participant ID of the |
| | | | Respondent. |
| 37 | OrderID | Yes | The OTC Link RFQ ID |
| 11 | ClOrdID | No | A unique identifier, max 40 characters. |
| 54 | Side | Yes | Valid values: |
| | | | 1 = Bid |
| | | | 2 = Ask |

3.3 Messages Received from OTC Link

3.3.1 RFQ New (Outgoing from Link) Message

Both sides receive a confirmation of an RFQ New Message. Respondent gets an RFQ New Message (message type R), while Initiator gets an Execution Report message (message type 8, exec type a), see chapter 3.3.3.

| Tag ID | Tag Name | Present | Description |
|--------|------------------|-----------|---------------------------------------------|
| 35 | MsgType | Always | Will be "R" |
| 49 | SenderCompID | Always | Assigned |
| 56 | TargetCompID | Always | Assigned |
| 115 | OnBehalfOfCompID | Always | The Counterparty's FINRA issued MPID |
| 128 | DeliverToCompID | Always | Your FINRA issued MPID |
| 129 | DeliverToSubID | Always | OTC Link Trader ID |
| 37 | OrderID | Always | The OTC Link RFQ ID |
| 55 | Symbol | Always | The trading symbol of the security |
| 65 | SymbolSfx | Sometimes | Optional Symbol Suffix |
| 48 | SecurityID | Sometimes | Optional CUSIP identifier |
| 22 | IDSource | Sometimes | Should contain "1" if a CUSIP was passed in |
| | | | SecurityID |
| 54 | Side | Always | Valid values: |
| | | | 1 = Bid |

| | | | 2 = Ask |
|------|-----------------|-----------|----------------------------------------------|
| | | | 7 = Both |
| 38 | Size | Always | Number of shares |
| 59 | RFQ TimeInForce | Always | Valid values: |
| | | | 0 = DAY |
| | | | 6 = GTD - Good Til Duration (default) |
| 9559 | RFQ Duration | Sometimes | When 59 = 6, the Time In Force until message |
| | | | expires, in whole seconds |

3.3.2 RFQ Response (Outgoing from Link) Message

Both sides receive a confirmation of an RFQ Response Message, either new or modified. Initiator gets an RFQ Response Message (message type AJ), while Respondent gets an Execution Report message (message type 8, exec type e), see chapter 3.3.3.

| Tag ID | Tag Name | Present | Description |
|--------|-------------------|-----------|----------------------------------------------|
| 35 | MsgType | Always | Will be "AJ" |
| 49 | SenderCompID | Always | Assigned |
| 56 | TargetCompID | Always | Assigned |
| 115 | OnBehalfOfCompID | Always | The Counterparty's FINRA issued MPID |
| 128 | DeliverToCompID | Always | Your FINRA issued MPID |
| 129 | DeliverToSubID | Always | OTC Link Trader ID |
| 37 | OrderID | Always | The OTC Link RFQ ID |
| 132 | BidPx | Sometimes | The price for the bid side. |
| 133 | OfferPx | Sometimes | The price for the offer side. |
| 59 | Response | Always | Valid values: |
| | TimeInForce | | 0 = DAY |
| | | | 6 = GTD - Good Til Duration (default) |
| 9559 | Response Duration | Sometimes | When 59 = 6, the Time In Force until message |
| | | | expires, in whole seconds |

3.3.3 General Confirm/Reject and Cancel (Outgoing from Link) Message

This Execution Report (ER) message is used to report back to submitter confirmations or rejects of some submitted messages, as well as state updates to both sides of RFQ New and Response Messages.

The table below shows all reasons the ER message may be received. Tag ExecType is key to identifying the purpose of the message.

| ExecType | Message Purpose | |
|-------------------------------------------|-------------------------------------------------|--|
| Returned to Initiator | | |
| а | Confirming a successful RFQ New Message | |
| b | RFQ New Message rejected | |
| С | RFQ New Message cancel rejected | |
| d | RFQ Response Message acceptance rejected | |
| Returned to Respondent | | |
| е | Confirming a successful RFQ Response Message | |
| f | RFQ Response Message rejected | |
| g | RFQ Response Message cancel rejected | |
| h | RFQ New Message decline rejected | |
| i | RFQ Response Message modification rejected | |
| Returned to both Initiator and Respondent | | |
| j | RFQ New Message was canceled by initiator | |
| k | RFQ New Message declined by respondent | |
| m | RFQ New Message timed out | |
| n | RFQ Response Message was canceled by respondent | |

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| 0 | RFQ Response Message was accepted by initiator |
|---|------------------------------------------------|
| р | RFQ Response Message timed out |

| Tag ID | Tag Name | Present | Description |
|--------|------------------|-----------|----------------------------------------------------------------------------------------------------------|
| 35 | MsgType | Always | Will be "8" |
| 49 | SenderCompID | Always | Assigned |
| 56 | TargetCompID | Always | Assigned |
| 115 | OnBehalfOfCompID | Sometimes | The Counterparty's FINRA issued MPID |
| 128 | DeliverToCompID | Always | FINRA issued MPID |
| 129 | DeliverToSubID | Always | OTC Link Trader ID |
| 37 | OrderID | Sometimes | The OTC Link RFQ ID |
| 11 | ClOrdID | Sometimes | Echoed back from latest submission from each side |
| 150 | ExecType | Always | Indicates what message is for. See above table for valid values. |
| 39 | OrdStatus | Sometimes | Identifies current status of trade message, if known. |
| 60 | TransactTime | Always | Time the message was processed |
| 54 | Side | Sometimes | Included when ExecType 150 = 'o', to indicate the response side accepted. Valid values: 1 = Bid 2 = Ask |
| 9548 | ResultCode | Sometimes | Only sent to side submitting the message being acknowledged/rejected. See Result Codes. |
| 58 | Text | Sometimes | Message corresponding to ResultCode |

4 Revision Change History

| Version | Description of Version | Date Completed |
|---------|------------------------------------------------------------------------------------------------|----------------|
| 1.6 | Added Side tag 54 to General Confirm/Reject and Cancel (Outgoing 2021.08.31 from Link) Message | |
| 1.5.3 | Removed reject code 412 (set to reserved). | 2021.08.20 |
| 1.5.2 | Removed ending period in response text. | 2021.08.13 |
| | Removed 'for [symbol]' from all 'Too late to' response text. | |
| 1.5.1 | Removed tag 116 from all message from Link to client. | 2021.08.10 |
| | Corrected typo in reject code 404. | |
| | Modified reject code 416 and added codes 420 and 421. | |
| 1.5 | Added DeliverToCompID to Accept RFQ Response message. | 2021.07.30 |
| 1.4 | Changed Cancel RFQ New Message MsgType from 'F' to 'K'. | 2021.07.29 |
| | Change OrderID in General Confirm/Reject and Cancel Message to be | |
| | present Sometimes. | |
| 1.3 | Added ExecType 'p': RFQ Response Message timed out | 2021.06.11 |
| 1.2.1 | Corrected Modfiy RFQ Response Message tag 35 value from CA to AC. | 2021.06.01 |
| 1.2 | Added TIF field with DAY or GTD options for RFQ duration | 2021.05.26 |
| | Added Response TIF and duration fields | |
| | Removed peg requirements | |
| 1.1 | Changed requirement so that initiator must accept a Bid or Ask | 2021.05.19 |
| | response, not both. | |
| | Added Modify RFQ Response message. | |
| | Added ability to respond to an RFQ with a Bid and/or Ask peg offset, | |
| | which will track the inside, until the initiator accepts the response. | |
| | Removed redundant Response ID (ExecID). | |
| | Added ability to cancel an RFQ with either OrderID or ClOrdID | |
| 1.0 | Initial version | 2021.04.21 |

5 Result Codes and Messages

| Code | Reason sent | Message |
|------|----------------------------------------------------------|-------------------------------------------------------|
| 400 | Unspecified error. | Internal error. Action could not be completed |
| 401 | Successfully processed an RFQ New Message. | Success: New RFQ for [symbol], RFQ ID [OrderID] |
| 402 | Successfully processed a Decline RFQ New Message. | Success: New RFQ [OrderID] declined for [symbol] |
| 403 | Successfully processed a Cancel RFQ New Message. | Success: New RFQ [OrderID] canceled for [symbol] |
| 404 | Successfully processed an RFQ Response Message. | Success: RFQ response for [symbol], RFQ ID [OrderID] |
| 405 | Successfully processed an RFQ Response Message accept. | Success: RFQ response [OrderID] accepted for [symbol] |
| 406 | Successfully processed a Cancel RFQ Response Message. | Success: RFQ response [OrderID] canceled for [symbol] |
| 407 | RFQ New Message timed out | New RFQ [OrderID] for [symbol] expired |
| 408 | RFQ New Message rejected – invalid symbol | New RFQ rejected – symbol [symbol] is invalid |
| 409 | RFQ New Message rejected – invalid receivers | New RFQ rejected – receivers not entitled |
| 410 | RFQ New Message rejected – invalid side | New RFQ rejected – invalid side entry |
| 411 | RFQ New Message rejected – invalid size | New RFQ rejected – invalid size entry |
| 412 | Reserved | Reserved |
| 413 | RFQ New Message cancel rejected | Too late to cancel new RFQ [OrderID] |
| 414 | RFQ New Message decline rejected | Too late to decline new RFQ [OrderID] |
| 415 | RFQ Response Message rejected – invalid price | RFQ response rejected – invalid price entry |
| 416 | RFQ Response Message rejected | Too late to enter RFQ response for [OrderID] |
| 417 | RFQ Response Message cancel rejected | Too late to cancel RFQ response [OrderID] |
| 418 | RFQ Response Message modification rejected | Too late to modify RFQ response [OrderID] |
| 419 | RFQ Response Message accept rejected | Too late to accept RFQ response [OrderID] |
| 420 | RFQ Response Message timed out | RFQ Response [OrderID] for [symbol] expired |
| 421 | RFQ Response Message already sent | RFQ Response [OrderID] for [symbol] already sent |
| _ | | |