

MexDer

MexFix 3.0
Specification Changes

Content Table

Summary.....	3
Exchange Rules.....	4
Pending Messages.....	4
ClOrdID	4
Exchange Generated Trades/Orders	4
PartyID's	4
Event Notifications.....	5
BlockTrades	5
Throttling.....	5
Message Changes	6
Header Tags.....	6
Messages	6
Logon Message (MsgType = A).....	6
Reject Message (MsgType = 3).....	6
Network Counterparty System Status Request (MsgType = BC).....	6
Network Counterparty System Status Response (MsgType = BD)	6
Indication of Interest (MsgType = 6).....	6
Mass Order Cancellation (MsgType = q).....	7
NewOrderSingle (MsgType=D).....	7
OrderCancelRequest (MsgType=F)	7
OrderCancelReplaceRequest (MsgType=G).....	7
ExecutionReport (MsgType=8)	7
OrderCancelReject (MsgType=9).....	8
OrderStatusRequest (MsgType=H).....	8
OrderMassStatusRequest (MsgType=AF)	8
OrderMassCancelRequest (MsgType=q).....	8
NewCrossOrder (MsgType=s)	8
TradeCaptureReportRequest (MsgType=AD).....	9
TradeCaptureReportRequestAck (MsgType=AQ)	9
TradeCaptureReport (MsgType=AE) Sent by the Exchange.....	9

Summary

Due to a process of upgrade and improvement of MexDer FIX components, MexFix specification was modified. Trading and MarketData functionalities were separated into two different specifications.

MexFix MarketData specification was not changed.

There are several changes affecting the former specification for trading. Here are summarized the changes:

- Pending Status Messages for ExecutionReport messages.
- ClOrdID changes.
- Exchange generated trades/orders.
- Several unused tags removed.
- PartyID changes.
- Event Notifications
- Block Trade subscription process was removed; rest of Block Trade process remains the same.

Exchange Rules

Pending Messages

ExecutionReport messages with “pending” status are now deprecated.

There won't be sent any Execution Report with ExecType A (PendingNew), E (PendingReplace) or 6 (PendingCancel).

CIOrdID

CIOrdID prefix won't be generated any more in tag 11 for ExecutionReport messages.

Also, the user must not send it anymore as part of the CIOrdID tag in the OrderCancelReplaceRequest (35=G) or OrderCancelReplace (35=F) messages.

Exchange Generated Trades/Orders

As long the key to identify trades and orders generated by the exchange was the CIOrdID prefix, and based in the remotion of those prefix, the tag SolicitedFlag (377) is used in the ExecutionReport message to indicate these sorts of trades/orders.

Furthermore, the CIOrdID will be prefixed with “BRO” or “ECO” plus 7 digits.

PartyID's

Party identification (within PartyBlock) is changed. The block becomes mandatory in new orders, order cancelations, modifications and cross; it should contain 2 repeating groups.

One group must be used to identify the order owner firm (member code) and the other one to indicate the responsible person for orders (operator).

Event Notifications

All event notification (News messages – 35=B) will be sent throughout the market data sessions.

BlockTrades

AE message flow with MatchType (574) = 8 is removed.

Subscription process was removed. Reception of block trades messages will be setting through session configuration in Fix Gateway. Messages TradeCaptureReportRequest (MsgType=AD) and TradeCaptureReportRequestAck (MsgType=AQ) are removed.

Throttling

Based on an agreement between Members and MexDer, a throttling parameter will be configured to avoid message flooding in the FIX gateway. The current behavior consist that exceeding messages are queued to be dispatched according to the throttling value; the new behavior will be to reject exceeding messages (via Reject Message [35=3]).

Message Changes

Header Tags

Removed these optional and unused tags from specs (ignored if they're received):

- 115 OnBehalfOfCompID
- 116 OnBehalfOfSubID
- 129 DeliverToSubID

Messages

Logon Message (MsgType = A)

Removed tag 141 (ResetSeqNumFlag) from specs (ignored if it's received).

Reject Message (MsgType = 3)

Added tag RefTagID (371), no mandatory.

Added tag RefMsgType (372), no mandatory.

Network Counterparty System Status Request (MsgType = BC)

This message is removed from specs.

Network Counterparty System Status Response (MsgType = BD)

This message is removed from specs.

Indication of Interest (MsgType = 6)

This message is removed from specs.

Mass Order Cancellation (MsgType = q)

The selection criteria are changed to the following:

- Cancel orders for a security
- Cancel all orders

NewOrderSingle (MsgType=D)

- NoPartyIDs repeating group becomes mandatory.
- Restriction for 6 digits in OrderQty (38) is removed.
- Tag StopPx (99) removed from specs (ignored if it's received).

OrderCancelRequest (MsgType=F)

- NoPartyIDs repeating group becomes mandatory.

OrderCancelReplaceRequest (MsgType=G)

- NoPartyIDs repeating group becomes mandatory.
- Tag Account (1) becomes required.
- Restriction for 6 digits in OrderQty (38) is removed.
- Tag StopPx (99) removed from specs (ignored if it's received).

ExecutionReport (MsgType=8)

- ExecID (17) will be standardized with uniform values (no related to MX/MA/DV markets).
- Tag SecondaryOrderID (198) is removed.
- Tag TradeReportID (571) is added to relate trades to its originating BlockTrade.
- NoPartyIDs repeating group becomes optional.
- ExecType (150). Removed values PendingNew (A), PendingReplace (E) and PendingCancel(6).
- OrdStatus (39). Removed values PendingNew (A), PendingReplace (E) and PendingCancel(6).
- Tag WorkingIndicator(636) removed from specs (ignored if it's received).

- StopPx (99) removed from specs (ignored if it's received).
- Tag TransactTime(60) becomes required.

OrderCancelReject (MsgType=9)

- Tag OrdType (40) is added as optional.

OrderStatusRequest (MsgType=H)

- NoPartyIDs repeating group becomes optional.

OrderMassStatusRequest (MsgType=AF)

- Tag MassStatusReqType (585) allows value "1".
- NoPartyIDs repeating group becomes optional.
- Tags Account (1), Symbol (55), CFICode (461), MaturityMonthYear (200) and Side (54) are removed. Ignored if they're received.
- Tag TransactTime (60) is added as required.

OrderMassCancelRequest (MsgType=q)

- Tag MassCancelRequestType (530) allows value "1".
- NoPartyIDs repeating group becomes mandatory.
- Tags Account (1), Symbol (55), CFICode (461), MaturityMonthYear (200) and Side (54) are removed. Ignored if they're received.

NewCrossOrder (MsgType=s)

- NoPartyIDs repeating group becomes mandatory.

TradeCaptureReportRequest (MsgType=AD)

This message is removed from specs.

TradeCaptureReportRequestAck (MsgType=AQ)

This message is removed from specs.

TradeCaptureReport (MsgType=AE) Sent by Members

Tag SecondaryTradeReportRefID (881) is removed from message.

Trade Capture Report Ack (MsgType = AR)

Description of tag SecondaryTradeReportID (818) was changed.

TradeCaptureReport (MsgType=AE) Sent by the Exchange

- Tag TradeRequestID (568) was removed
- Tag LastRptRequested (912) was removed
- Tag UnsolicitedIndicator (325) was removed
- Description of tag SecondaryTradeReportID (818) was changed
- Value "8" removed from tag MatchType (574).