BTS 2 – Technical Guide #5

BTS2 FIX Specification on Market Data Handling Market Trade Message (MsgType = X, MDEntryType = 2)

Background

Market trade message for a security can be disseminated due to the following events:

1. A new trade (MDUpdateAction = New)

2. A trade is amended (MDUpdateAction = Change)

   It is not part of Bursa Malaysia's current practice to change the price and/or quantity of a trade which has already been matched. However, there is a provision to cancel a trade.

3. A trade is cancel (MDUpdateAction = Delete)

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Event 1: Market Trade message for a new trade

Tag No	Value	Tag Name	Description
8	FIXT.1.1	BeginString	
9	210	BodyLength	
35	X	MsgType	Market Data Incremental Refresh
49	MKT	SenderCompID	
56	21	TargetCompID	
34	27467	MsgSeqNum	
52	20131002-03:27:50.768	SendingTime	
262	269953532	MDReqID	
268	1	NoMDEntries	
279	0	MDUpdateAction	New
269	2	MDEntryType	Trade
278	20131002-00000285	MDEntryID	Unique Identifier for this Trade
48	2445	SecurityID	Security ID
22	99	SecurityIDSource	
762	NM	SecuritySubType	Normal Board
270	19.1	MDEntryPx	Trade Price
271	1000	MDEntrySize	Trade Volume
272	20131002	MDEntryDate	Date of Market Data Entry
273	03:27:50.753	MDEntryTime	Time of Market Data Entry
336	CNT1	TradingSessionID	Trading Session
828	0	TrdType	Regular Trade
1020	1000	TrdVolume	Trade Volume
31	19100	LastPx	Traded Value
10	175	CheckSum	Correct

Important

At the point of trade matching, it is material to observe that:

1. **Change on Total Number of Trades, Total Trade Volume and Total Trade Value should be reflected accordingly**
2. **The Trade Price is the Last Trade Price for this security**

This is a new trade

Every trade has a unique identifier

This is the Last Trade Price

This is the time of the trade execution

Event 2: Market Trade message for amended trade

Tag No	Value	Tag Name	Description
8	FIXT.1.1	BeginString	
9	208	BodyLength	
35	X	MsgType	Market Data Incremental Refresh
49	MKT	SenderCompID	
56	21	TargetCompID	
34	27473	MsgSeqNum	
52	20131002-03:28:32.247	SendingTime	
262	269953532	MDReqID	Market Data Request ID
268	1	NoMDEntries	
279	1	MDUpdateAction	**Change**
269	2	MDEntryType	Trade
278	20131002-00000282	MDEntryID	Unique Identifier for this Trade
48	2445	SecurityID	Security ID
22	99	SecurityIDSource	
762	NM	SecuritySubType	Normal Board
270	19	MDEntryPx	Trade Price
271	1000	MDEntrySize	Trade Volume
272	20131002	MDEntryDate	Date of Market Data Entry
273	03:27:29.190	MDEntryTime	Time of Market Data Entry
336	CNT1	TradingSessionID	Trading Session
828	0	TrdType	Regular Trade
1020	1000	TrdVolume	Traded Volume
31	19000	LastPx	Traded Value
10	75	CheckSum	Correct

Important

It is not part of Bursa Malaysia's current practice to change the price and/or quantity of a trade which has already been matched. This message is sent out due to a client amendment and it is not material to the industry.

You are advised to ignore this message.

This is an amended trade

This is the unique identifier of the amended trade

This is trade price but NOT Last Trade Price

This is the time of the trade execution

Event 3: Market Trade message for cancelled trade

Tag No	Value	Tag Name	Description
8	FIXT.1.1	BeginString	
9	205	BodyLength	
35	X	MsgType	Market Data Incremental Refresh
49	MKT	SenderCompID	
56	21	TargetCompID	
34	28000	MsgSeqNum	
52	20131002-08:07:33.531	SendingTime	
262	269953532	MDReqID	
268	1	NoMDEntries	
279	2	MDUpdateAction	Delete
269	2	MDEntryType	Trade
278	20131002-00000284	MDEntryID	Unique Identifier for this Trade
48	2445	SecurityID	Security ID
22	99	SecurityIDSource	
762	NM	SecuritySubType	Normal Board
270	19	MDEntryPx	Trade Price
271	1000	MDEntrySize	Trade Volume
272	20131002	MDEntryDate	Date of Market Data Entry
273	03:27:39.478	MDEntryTime	Time of Market Data Entry
336	CNT1	TradingSessionID	Trading Session
828	0	TrdType	Regular Trade
1020	1000	TrdVolume	Trade Volume
31	19000	LastPx	Traded Value
10	181	CheckSum	Correct

Important

At the point of trade cancellation, it is material to observe that:

1. **Change on Total Number of Trades, Total Trade Volume and Total Trade Value should be reflected accordingly**
2. **The Last Trade Price should reflect the Trade Price with the latest timestamp in FIX Tag 273**

This is a cancelled trade

This is the unique identifier of the deleted trade

This is trade price but NOT Last Trade Price

This is the time of the trade execution

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End of Guide