ORDER ENTRY

FIX Message Reference – Fixed Income - Trademate

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Attention Point

This guide helps B3 clients with the development of order entry connectivity on Trademate, new fixed income platform.

Index

Change Log

Date	Version	Description	Author
October 23rd, 2023	1.0	- Initial version	IMKY
November 7th, 2023	1.1	- Added messages Logon (35=A), Heartbeat (35=0), TestRequest (35=1), ResendRequest (35=2), Reject (35=3), SequenceReset (35=4) and Logout (35=5)	IMKY
January 31st, 2024	1.2	- Added messages NewOrderCross (35=s), ExecutionAcknowledge (35=BN) and CrossOrderCancelRequest (35=u) used for Voice. - Added tag SenderSubID (50) in Standard Message Header. - ExecutionReport (35=8): • added tags that are used for Voice: RegistID (513), Designation (494), CrossId (548), OrigCrossId (551), SettlType (63), SettlDate(64) and SolicitedFlag (377) • added tag ExecInst (18) • removed tags PositionEffect (77) and CrossedIndicator (2523).	IMKY
February 2nd, 2024	1.3	- Added tag Yield (236) in NewOrderCross (35=s)	IMKY
March 21st, 2024	1.4	- Added tags in message ExecutionReport (35=8) that indicate the Legs of an execution: NoLegs (555), LegSymbol (600), LegSide (624), LegQty (687), LegPrice (566), LegRefID (654).	IMKY
April 25th, 2024	1.5	- Added tags in message ExecutionReport (35=8): *No required:* MaturityDate (541) NoNestedPartyIDs (539) *Required:* NestedPartyID (524) NestedPartyIDSource (525) NestedPartyRole (538)	IMKY
May 3rd, 2024	1.6	Correction of the NestedPartyRole (538) tag domain from 7 to 8.	IMKY
May 15th, 2024	1.7	- Added optional tags SettlType (63) and SettlDate (64) in message NewOrderCross (35=s) – VOICE - Added note for PartRole (452) tag description in voice message. • Note: 36, 54 and 58 are required for voice. 76 and 1005 are optional and equivalent to desk, book and strategy details (for future use). - Added note to tag Account (452) description. • Note: For future use.	KYLC

Jul 30th, 2024	1.8	- Added valid values in tag OrdType (40), only when message type is equal to Execution Report (35=8):
		   • Q – Counter Order Selection
		
		- Tag OrdType (40) only when message type is equal to NewOrderCross (35=s):
		   • Removed previous value: 2 – Limit
		   • Added new valid value: Q – Counter Order Selection
		
		- Added optional tag QuoteID (117) in message NewOrderCross (35=s) – VOICE.
		
		- Changed tag SettlDate (64) to conditional.
		   • Conditions: If tag SettlType (63) = B (BrokenDate), it is mandatory, otherwise, it must not be included.
		
		 - Changed tag SettType (63) to mandatory
		   • Added comment to B-BrokenDate option: If this value is specified, tag 64 must be sent.
		
		- Added new tag 236: Yield in message type ExecutionReport (35=8).
		
		- Changed tag Yield (236) to conditional in NewOrderCross Message Type.
		   • Added comment: Only pricing in Yield is accepted. Tag 44 does not need to be sent.
		- Changed tag SenderSubID (50) to conditional.
		   • Added comment: Used for user identification in voice (35=s - VOICE) or for user identification in Voice Approval (35=BN ExecutionAcknowledge).
		
		- Added new comment to tag 58 if it is an ExecutionAcknowledgement (35=BN) or if it is and CrossOrderCancelRequest (35=u):
		
		   • Added comment: In the case of a Voice's cancellation, this field is mandatory.
			MBS

August 06th, 2024	1.9	Added optional tag ContraTrader (337) in message ExecutionReport (35=8)	IMKY
August 15th, 2024	2.0	Included Text (58) tag and removed Symbol (55), SecurityID (48), SecurityIDSource (22) and SecurityExchange (207) tags from the NoSides (552) tag group.	IMKY
October 29th, 2024	2.1	Update the domain values for the tags 63 (SettlType) in messages with MsgType 35=s (NewOrderCross) and 35=8 (Execution Report).	IMKY
October 30th, 2024	2.2	Added optional tag ExecInst (18) in message NewOrderCross (35=s)	IMKY

August 29th, 2025	2.3	- Updated the comments for the following tags: • MaxFloor (111) • ClOrdID (11) • Price (44) • BusinessRejectReason (380) - Modified the attention point.	KYLC
September 29th, 2025	2.4	Added optional tag OnBehalfOfCompID (115) to enable On Behalf trading.	RVM ACR
November 04 th, 2025	2.5	Added optional tag OriginalTrader (40001) to Provide the user ID of the individual executing the 'On Behalf' action.	FGTCH
March 11th, 2026	2.6	NewOrderSingle and ExecutionReport: • Added optional tag RoutingInstruction(35487) to indicate additional order instruction. From now on, LiquiditySeeking instruction must be sent in this field. • Excluded value 'L (Liquidity Seeking)' from TimeInForce(59). • Added value K to tag OrdType(40) to indicate Market with Leftover as Limit. ExecutionReport: • Added YieldType(235) field to indicate type of yield. • Added value D-PreviouslyQuoted to OrdType(40) used to indicate RFQ orders.	VAR

1. Standard Messages

Standard Message Header

Tag	Tag name	Req	Data Type	Comment
8	BeginString	Y	String (7)	"FIX.4.4".
9	BodyLength	Y	Length (6)	(Always unencrypted, must be second field in message)
35	MsgType	Y	String (4)	(Always unencrypted, must be third field in message) Valid values: 8 – Execution Report 9 – Order Cancel Reject D – New Order Single F – Order Cancel Request G – Order Cancel Replace Request j – Business Message Reject
49	SenderCompID	Y	String (50)	Please contact B3 for appropriate CompID assignment.
50	SenderSubID	C	String (50)	Used for user identification in voice (35=s - VOICE) or for user identification in Voice Approval (35=BN ExecutionAcknowledge).
56	TargetCompID	Y	String (50)	Please contact B3 for appropriate CompID assignment.
34	MsgSeqNum	Y	Seqnum (9)	Integer message sequence number.
52	SendingTime	Y	UTCTimestamp (21)	Expressed in UTC (Universal Time Coordinated)
115	OnBehalfOfCompID	N	String (50)	Assigned value used to identify firm originating message if the message was delivered by a third party. The assigned value must be included on the EnteringDesk value as well. The third party identifier must be included on the ExecutingDesk value.

Standard Message Trailer

Tag	Tag name	Req	Data Type	Comment
10	CheckSum	Y	String (3)	Always unencrypted, always last field in message

2. Session Level Messages

2.1.   Logon (35=A)

Tag	Tag name	Req	Data Type	Comment
[Standard Message Header]				
98	EncryptMethod	Y	Int (1)	Must be "0"
108	HeartBtInt	Y	Int	Recommended: "30"
141	ResetSeqNumFlag	N	Boolean (1)	Indicates that both sides of the FIX session should reset sequence numbers.
553	Username	N	String	CAU username

554	Password	N	String	CAU Password
35002	CancelOnDisconnectType	N	Int	Indicates whether orders should remain active on disconnection. Values valid: 0 – Doesn't cancel on disconnection 1 – Cancel on disconnection
35003	CancelOnDisconnectTimeoutWindow	N	Int	Timeout in seconds to trigger cancellation after disconnection
[Standard Message Trailer]				

2.2.   Logout (35=5)

Tag	Tag name	Req	Data Type	Comment
[Standard Message Header]				
58	Text	Y	String (250)	Explanation for Logout reason (if any).
[Standard Message Trailer]				

2.3.   Heartbeat (35=0)

This message is sent over the instrument definition, snapshot recovery and incremental streams to notify customers that the multicast channel join was successful and that B3 will send the data when available.

There is no body for this message, only the standard header with tag 35=0.

2.4.   TestRequest (35=1)

Tag	Tag Name	Req	Datatype	Comment
[Standard Message Header]				
112	TestReqID	Y	String	Identifier required for testing. Field included in the test request message to be returned without resulting flag
[Standard Message Trailer]				

2.5.   ResendRequest (35=2)

Tag	Tag Name	Req	Datatype	Comment
[Standard Message Header]				
17	BeginSeqNo	Y	SeqNum (9)	Message sequence number of first message in range to be resent
16	EndSeqNo	Y	SeqNum (9)	Message sequence number of last message in range to be resent. If request is for a single message BeginSeqNo = EndSeqNo If request is for all messages subsequent to a particular message, EndSeqNo = 0 (representing infinity).

[Standard Message Trailer]

2.6. Reject (35=3)

Tag	Tag Name	Req	Datatype	Comment
				[Standard Message Header]
45	RefSeqNum	Y	SeqNum (9)	Message sequence number of first message in range to be resent
58	Text	N	String (250)	Where possible, message to explain reason for rejection
371	RefTagID	N	Int	The tag number of the FIX field being referenced.
372	RefMsgType	N	String (2)	The MsgType of the FIX message being referenced.
373	SessionRejectReason	Y	Int (6)	Code to identify reason for a session-level reject message. Valid values: 0 = Invalid tag number 1 = Required tag missing 2 = Tag not defined for this message type 3 = Undefined Tag 4 = Tag specified without a value 5 = Value is incorrect (out of range) for this tag 6 = Incorrect data format for value 7 = Decryption problem 8 = Signature problem 9 = CompID problem 10 = Sending time accuracy problem 11 = Invalid MsgType 12 = XML Validation error 13 = Tag appears more than once 14 = Tag specified out of required order 15 = Repeating group fields out of order 16 = Incorrect NumInGroup count for repeating group 17 = Non "Data" value includes field delimiter (<SOH> character) 99 = Other
				[Standard Message Trailer]

2.7. SequenceReset (35=4)

Tag	Tag Name	Req	Datatype	Comment
				[Standard Message Header]
43	PossDupFlag	N	Boolean (1)	Indicates possible retransmission of message with this sequence number. Valid values: Y = Possible duplicate N = Original transmission

Tag	Tag Name	Req	Datatype	Comment
122	OrigSendingTime	N	UTC Timestamp (21)	Original time of message transmission (always expressed in UTC) when transmitting orders as the result of a resend request.
123	GapFillFlag	N	Boolean (1)	Indicates that the sequence reset message is replacing administrative or application messages which will not be resent. Valid values: Y = Gap fill message, MsgSeqNum field valid N = Sequence ignore MsgSeqNum
36	NewSeqNo	Y	SeqNum (9)	New sequence number.
			[Standard Message Trailer]	

3. Application Level Messages

3.1.   NewOrderSingle (35=D)

Tag	Tag name	Req	Data Type	Comment
			[Standard Message Header]	
11	ClOrdID	Y	String (38)	Unique identifier of the order as assigned by the market participant.
18	ExecInst	N	Char (1)	Reserved for future use. For specifying instructions to execute the order "all or none," among other instructions.
38	OrderQty	Y	Qty (15)	Quantity ordered.
40	OrdType	Y	Char (1)	Order type. Valid values: 2 – Limit K - Market with Leftover as Limit
44	Price	N	Price (20)	Price per share or contract. Conditionally required if the order type requires a price (not market order).
54	Side	Y	Char (1)	Side of order. Valid values: 1 - Buy 2 – Sell
55	Symbol	Y	String (20)	B3 requires that this field is properly set. It contains the human readable form of the SecurityID tag, available in the Security List message in Market Data feed.
59	TimeInForce	N	Char (1)	Specifies how long the order remains in effect. Absence of this field is interpreted as DAY. Valid values: 0 - Day

Tag		Tag name	Req	Data Type	Comment
60		TransactTime	Y	UTCTimestamp (21)	Time of execution/order creation; expressed in UTC.
111		MaxFloor	N	Qty (9)	Maximum number of shares or contracts within an order to be shown on the match engine at any given time. Will be echoed in subsequent Execution Reports for this order.
423		PriceType	N	Int	Required for bonds, qualifies the (44) Price field by type. 2 – Units 6 – Spread 9 - Yield
5129		Memo	N	String (50)	Free format text field. This field may be used to convey client's relevant info. It's always echoed in the reports.
453		NoPartyIDs	Y	NumInGroup (2)	Repeating group below should contain unique combinations of PartyID, PartyIDSource, and PartyRole.
➜	448	PartyID	Y	String (50)	Used to identify source of PartyID. Conditionally required if NoPartyID > 0.
➜	447	PartyIDSource	Y	Char (1)	Identifies class or source of the PartyID (448) value. Conditionally required if NoPartyID > 0. Valid values: D - Proprietary Custom Code
➜	452	PartyRole	Y	Int (5)	Identifies the type or role of the PartyID (448) specified. Conditionally required if NoPartyID > 0. Valid values: 36 - Entering Trader 54 - Sender Location 58 - Entering Desk 59 - Executing Desk 76 - Desk Id 1005 - Strategy ID
35487		RoutingInstruction	N	Char (1)	Indicates additional order instruction. Valid values: 9 – Liquidity Seeking
40001		OriginalTrader	N	Int	Provide the original user ID of the individual executing the 'On Behalf' action.
		[Standard Message Trailer]			

3.2.   ExecutionReport (35=8)

Tag	Tag name	Req	Data Type	Comment
[Standard Message Header]				

Tag		Tag name	Req	Data Type	Comment
37		OrderID	Y	String (26)	Unique identifier for Order as assigned by the exchange. Uniqueness is guaranteed within a single trading day/instrument. Value is "NONE" if order is rejected.
198		SecondaryOrderID	N	String (26)	Exchange-generated order identifier that changes for each order modification event, or quantity replenishment in disclosed orders.
11		ClOrdID	Y	String (38)	Unique identifier of the order as assigned by the market participant.
41		OrigClOrdID	N	String (38)	Contains the ClOrdID of the replacement order. Conditionally required when ExecType = 5 (Replace).
31		LastPx	N	Price (20)	Price of this (last) fill.
32		LastQty	N	Qty (9)	Quantity of shares bought/sold on this (last) fill. Conditionally required when ExecType = F (Trade).
5149		Memo	N	String (50)	Free format text field. This field may be used to convey client's relevant info. It's always echoed in the reports.
111		MaxFloor	N	Qty (9)	Maximum number of shares or contracts within an order to be shown on the match engine at any given time. Will be echoed in subsequent Execution Reports for this order.
453		NoPartyIDs	Y	NumInGroup (2)	Repeating group below should contain unique combinations of PartyID, PartyIDSource, and PartyRole.
➜	448	PartyID	Y	String (50)	Used to identify source of PartyID. Conditionally required if NoPartyID > 0.
➜	447	PartyIDSource	Y	Char (1)	Identifies class or source of the PartyID (448) value. Conditionally required if NoPartyID > 0. Valid values: D - Proprietary Custom Code
➜	452	PartyRole	Y	Int (5)	Identifies the type or role of the PartyID (448) specified. Conditionally required if NoPartyID > 0. Valid values: 36 - Entering Trader 54 - Sender Location 58 - Entering Desk 59 - Executing Desk 76 - Desk Id 1005 - Strategy ID Note: 36, 54 and 58 are required for voice. 76 and 1005 are optional and equivalent to desk, book and strategy details (for future use)

Tag	Tag name	Req	Data Type	Comment
17	ExecID	Y	String (32)	Unique identifier of execution message as assigned by the exchange – unique per instrument.
19	ExecRefID	N	String (32)	Reference identifier used with Cancel and Correct transaction types.
150	ExecType	Y	Char (1)	Describes the action that triggered this specific Execution Report - see the OrdStatus (39) tag for the current order status (e.g, Partially Filled). Valid values: 0 - New 4 - Canceled 5 - Replace 8 - Rejected A - Pending New D - Restated F – Trade G – Trade Correct H - Trade Cancel
18	ExecInst	N	String (5)	Execution Instruction used to report voice intermediate state during cancel workflow: Valid values: PCC – Pending Cancel Counterparty PCM – Pending Cancel Market Surveillance CRM – Cancel Reject Counterparty CRC – Cancel Reject Market Surveillance
39	OrdStatus	Y	Char (1)	Order status. Valid values: 0 - New 1 - Partially Filled 2 - Filled 4 - Canceled 5 - Replaced 8 - Rejected
55	Symbol	Y	String (20)	B3 requires that this field is properly set. It contains the human readable form of the SecurityID tag, available in the Security List message in Market Data feed.
48	SecurityID	N	String (12)	Security ID as defined by B3. For the SecurityID list, see the Security List message in Market Data feed.
54	Side	Y	Char (1)	Side of order. Valid values: 1 - Buy 2 – Sell
38	OrderQty	Y	Qty (15)	Quantity ordered.
40	OrdType	Y	Char (1)	Conditionally required when ExecType != 8 (Reject) or ExecType != H (Trade bust). Valid values:

Tag	Tag name	Req	Data Type	Comment
				2 – Limit D – Previously Quoted (used to indicate RFQ orders) Q – Counter Order Selection (used to indicate Voice orders) K - Market with Leftover as Limit
423	PriceType	N	Int (2)	Code to represent the price type. Valid values: 2 - Per Unit 9 - Yield
44	Price	C	Price (20)	Price per share or contract. Conditionally required if the order type requires a price (not market orders). Only pricing in PU is accepted and only in Voice Type Messages. Tag 236 does not need to be sent.
59	TimeInForce	N	Char (1)	Specifies how long the order remains in effect. Absence of this field is interpreted as DAY. Valid values: 0 - Day
151	LeavesQty	Y	Qty (9)	Amount of shares open for further execution, or unexecuted. LeavesQty = OrderQty - CumQty.
14	CumQty	Y	Qty (9)	Total number of shares or contracts filled.
6	AvgPx	Y	Price (1)	Always 0 (zero).
75	TradeDate	N	LocalMktDate (8)	Indicates date of trade referenced in this message in YYYYMMDD format (expressed in local time at place of trade). Absence of this field indicates current day (expressed in local time at place of trade).
60	TransactTime	N	UTCTimestamp (21)	Time of execution/order creation; expressed in UTC.
6032	UniqueTradeID	N	String (10)	Contains the unique identifier for this trade, per instrument + trading date, as assigned by the exchange. Conditionally required if ExecType = F (Trade).
1180	ApplID	N	String (50)	Identifies the application with which a message is associated. Used only if application sequencing is in effect.
58	Text	N	String (250)	Free format text string
494	Designation	N	String (38)	Supplementary registration information for this Order (used for Voice)
513	RegistID	N	String (38)	Reference to Registration Instructions message for this Order (Blotter Trade ID)
548	CrossID	N	String (38)	CrossID for the replacement order (used for Voice)

Tag		Tag name	Req	Data Type	Comment
551		OrigCrossID	N	String (38)	Must match original cross order. Same order chaining mechanism as ClOrdID/OrigClOrdID with single order Cancel/Replace (used for Voice)
382		NoContraBrokers	N	NumInGroup (2)	Number of ContraBrokers repeating group instances. Filled up when Voice order (used for Voice)
➔	375	ContraBroker	N	String (38)	Used in voice to inform the counterparty (used for Voice)
➔	337	ContraTrader	N	String (38)	Used to identifies the trader of the ContraBroker (375)
235		YieldType	C	String (38)	Type of yield. Sent only when Yield (236) is present. Valid values: CURRENT
236		Yield	C	Percentage	InterestRate in percentage. Only pricing in Yield is accepted. Tag 44 does not need to be sent.
63		SettlType	Y	Char (1)	Indicates order settlement period (used for Voice). Valid values: 0 – Regular (Not applied to voice - 35=s) 1 – T + 0 2 – T + 1 3 – T + 2 4 – T + 3 B – BrokenDate (Accepted only debentures. If this value is specified, tag 64 must be sent)
64		SettlDate	C	LocalMktDate	Specific date of trade settlement (SettlementDate) in YYYYMMDD format (used for Voice). Conditional tag. If tag 63 = B (BrokenDate), it is mandatory, otherwise, it must not be included.
377		SolicitedFlag	N	Boolean	Indicates whether or not the order was solicited (It is used on Voice to indicates if an action is required by Participant)
541		MaturityDate	N	LocalMktDate	Security maturity date.
555		NoLegs	N	NumInGroup (2)	For structure products, the corresponding legs will be return at this repeating group. Required only for strucuted products and ExecType = G (Trade Correct)
➔	600	LegSymbol	N	String (20)	Leg concerned Symbol
➔	624	LegSide	N	Char (1)	Side of order. Valid values: 1 - Buy 2 – Sell
➔	687	LegQty	N	Qty (9)	Leg concerned executed Quantity.

Tag		Tag name	Req	Data Type	Comment
➜	566	LegPrice	N	Price (20)	Leg concerned executed Price.
➜	654	LegRefID	N	String (20)	Leg concerned TradeID.
➜	539	NoNestedPartyIDs	N	NumInGroup (1)	Repeating group below should contain the broker code where the structure product has been traded in Future platform (PUMA).
➜ ➜	524	NestedPartyID	Y	String (20)	Broker code where the structure product has been traded in Future platform (PUMA).
➜ ➜	525	NestedPartyIDSource	Y	Char (1)	Identifies class or source of the PartyID (448) value. Conditionally required if NoPartyID > 0. Valid values: D - Proprietary Custom Code
➜ ➜	538	NestedPartyRole	Y	Int (5)	Identifies the type or role of the PartyID (448) specified. Conditionally required if NoPartyID > 0. Valid values: 7 - Entering Firm
35487		RoutingInstruction	N	Int	Indicates additional order instruction. Valid values: 9 – Liquidity Seeking
[Standard Message Trailer]					

3.3.   OrderCancelReplaceRequest (35=G)

Tag	Tag name	Req	Data Type	Comment
[Standard Message Header]				
11	ClOrdID	Y	String (38)	Unique ID of cancel replace request as assigned by the institution.
18	ExecInst	N	Char (1)	Reserved for future use. For specifying instructions to execute the order "all or none," among other instructions
38	OrderQty	Y	Qty (15)	Quantity ordered.
40	OrdType	Y	Char (1)	Order type. Valid values: 2 - Limit K - Market with Leftover as Limit
41	OrigClOrdID	Y	String (38)	ClOrdID which should be replaced.
44	Price	N	Price (20)	Price per share or contract. Conditionally required if the order type requires a price (not market orders).
54	Side	Y	Char (1)	Side of order. Valid values: 1 - Buy 2 – Sell

Tag		Tag name	Req	Data Type	Comment
55		Symbol	Y	String (20)	B3 requires that this field is properly set. It contains the human readable form of the SecurityID tag, available in the Security List message in Market Data feed.
60		TransactTime	Y	UTCTimestamp (21)	Time of execution/order creation; expressed in UTC.
111		MaxFloor	N	Qty (9)	Maximum number of shares or contracts within an order to be shown on the match engine at any given time. Will be echoed in subsequent Execution Reports for this order.
5149		Memo	N	String (50)	Free format text field. This field may be used to convey client's relevant info. It's always echoed in the reports.
423		PriceType	N	Int	Required for bonds, qualifies the (44) Price field by type. 2 - Units 6 - Spread 9 - Yield
453		NoPartyIDs	Y	NumInGroup (2)	Repeating group below should contain unique combinations of PartyID, PartyIDSource, and PartyRole.
➜	448	PartyID	Y	String (50)	Used to identify source of PartyID. Conditionally required if NoPartyID > 0.
➜	447	PartyIDSource	Y	Char (1)	Identifies class or source of the PartyID (448) value. Conditionally required if NoPartyID > 0. Valid values: D - Proprietary Custom Code
➜	452	PartyRole	Y	Int (5)	Identifies the type or role of the PartyID (448) specified. Conditionally required if NoPartyID > 0. Valid values: 36 - Entering Trader 54 - Sender Location 58 - Entering Desk 59 - Executing Desk 76 - Desk Id 1005 - Strategy ID
[Standard Message Trailer]					

3.4.   OrderCancelRequest (35=F)

Tag	Tag name	Req	Data Type	Comment
[Standard Message Header]				
11	ClOrdID	Y	String (38)	Unique order id assigned by institution to the cancel request.
38	OrderQty	Y	Qty (15)	Quantity ordered.
41	OrigClOrdID	N	String (38)	ClOrdID of the order that the client is trying to cancel.

Tag		Tag name	Req	Data Type	Comment
54		Side	Y	Char (1)	Side of order. Valid values: 1 - Buy 2 – Sell
55		Symbol	Y	String (20)	B3 requires that this field is properly set. It contains the human readable form of the SecurityID tag, available in the Security List message in Market Data feed.
60		TransactTime	Y	UTCTimestamp (21)	Time of execution/order creation; expressed in UTC.
453		NoPartyIDs	Y	NumInGroup (2)	Repeating group below should contain unique combinations of PartyID, PartyIDSource, and PartyRole.
➜	448	PartyID	Y	String (50)	Used to identify source of PartyID. Conditionally required if NoPartyID > 0.
➜	447	PartyIDSource	Y	Char (1)	Identifies class or source of the PartyID (448) value. Conditionally required if NoPartyID > 0. Valid values: D - Proprietary Custom Code
➜	452	PartyRole	Y	Int (5)	Identifies the type or role of the PartyID (448) specified. Conditionally required if NoPartyID > 0. Valid values: 36 - Entering Trader 54 - Sender Location 58 - Entering Desk 59 - Executing Desk 76 - Desk Id 1005 - Strategy ID
				[Standard Message Trailer]	

3.5.   BusinessMessageReject (35=j)

Tag	Tag name	Req	Data Type	Comment
			[Standard Message Header]	
45	RefSeqNum	N	Seqnum (9)	MsgSeqNum of rejected message.
372	RefMsgType	Y	String (2)	The MsgType of the FIX message being referenced.
380	BusinessRejectReason	Y	Int (6)	Code to identify the reason of the rejection.
58	Text	N	String (250)	Message to explain reason for rejection, if available.
			[Standard Message Trailer]	

3.6.   OrderCancelReject (35=9)

Tag	Tag name	Req	Data Type	Comment
			[Standard Message Header]	

Tag	Tag name	Req	Data Type	Comment
37	OrderID	Y	String (26)	If CxlRejReason="Unknown order", value is: "NONE" if cancel is done via OrigClOrdID, or value of the OrderID of the original cancel or modification request. Otherwise, unique identifier for Order as assigned by B3 Uniqueness is guaranteed within a single trading day/instrument.
198	SecondaryOrderID	N	String (26)	Exchange-generated order identifier that changes for each order modification event, or quantity replenishment in disclosed orders.
11	ClOrdID	Y	String (38)	Unique identifier of the order as assigned by the market participant.
41	OrigClOrdID	N	String (38)	ClOrdID of the order that could not be canceled.
39	OrdStatus	Y	Char (1)	OrdStatus value after this cancel reject is applied. If CxlRejReason = "Unknown Order", this field's value is "Rejected". Valid values: 0 - New 1 - Partially Filled 2 - Filled 4 - Canceled 5 - Replaced 8 - Rejected
434	CxlRejResponseTo	Y	Char (1)	Identifies the type of request that this Cancel Reject is in response to. Valid values: 1 - Order Cancel Request 2 - Order Cancel Replace Request
102	CxlRejReason	N	Int (6)	Description of error in case CxlRejReason = 99 (Other), or in other cases, may contain extra information on stated CxlRejReason.
58	Text	N	String (250)	Message to explain reason for rejection, if available.
54	Side	N	Char (1)	Side of order. Valid values: 1 - Buy 2 - Sell
55	Symbol	Y	String (20)	B3 requires that this field is properly set. It contains the human readable form of the SecurityID tag, available in the Security List message in Market Data feed.
48	SecurityID	N	String (12)	Security ID as defined by B3. For the SecurityID list, see the Security List message in Market Data feed.
38	OrderQty	Y	Qty (15)	Quantity ordered.
[Standard Message Trailer]				

3.7.   NewOrderCross (35=s) - VOICE

Tag		Tag name	Req	Data Type	Comment
					[Standard Message Header]
548		CrossID	Y	String (38)	Identifier for a cross order. Must be unique during a given trading day.
549		CrossType	Y	Int (1)	Type of cross being submitted to a market. Valid values: 1 - Cross Trade Which Is Executed Completely or Not
550		CrossPrioritization	Y	Int (1)	Indicates if one side or the other of a cross order should be prioritized. Valid values: 0 – None
552		NoSides	Y	NumInGroup (2)	Number of Side (54) repeating group instances. Must be always 2 (both sides).
➔		54 Side	Y	Char (1)	Side of order. Valid values: 1 – Buy 2 – Sell
➔		11 ClOrdID	Y	String (38)	Unique identifier of the order as assigned by the market participant.
➔		453 NoPartyIDs	Y	NumInGroup (2)	Repeating group below should contain unique combinations of PartyID, PartyIDSource, and PartyRole.
➔	➔	448 PartyID	Y	String (50)	Used to identify source of PartyID. Conditionally required if NoPartyID > 0.
➔	➔	447 PartyIDSource	Y	Char (1)	Identifies class or source of the PartyID (448) value. Conditionally required if NoPartyID > 0. Valid values: D - Proprietary Custom Code
➔	➔	452 PartyRole	Y	Int (5)	Identifies the type or role of the PartyID (448) specified. Conditionally required if NoPartyID > 0. Valid values: 36 - Entering Trader 54 - Sender Location 58 - Entering Desk 59 - Executing Desk 76 - Desk Id 1005 - Strategy ID Note: 36, 54 and 58 are required for voice. 76 and 1005 are optional and equivalent to desk, book and strategy details (for future use)
➔		1 Account	N	Int (10)	Account mnemonic. Note: For future use

Tag		Tag name	Req	Data Type	Comment
➜	581	AccountType	N	Int (2)	Type of Account associated with an order. Absence of this Tag causes Account to be interpreted as Regular Account. Valid values: 38 - Remove Account Information 39 - Regular Account
➜	38	OrderQty	Y	Qty (15)	Quantity ordered.
55		Symbol	Y	String (20)	B3 requires that this field is properly set. It contains the human readable form of the SecurityID tag, available in the Security List message in Market Data feed.
48		SecurityID	N	String (12)	Security ID as defined by B3. For the SecurityID list, see the Security List message in Market Data feed.
22		SecurityIDSource	N	String (1)	Conditionally required if the SecurityID field is set. Valid values: 8 - Exchange Symbol
207		SecurityExchange	N	Exchange (4)	Market to which security ID (tag 48) belongs. Valid values: BVMF - BM&F Bovespa
60		TransactTime	Y	UTCTimestamp (21)	Time of execution/order creation; expressed in UTC.
40		OrdType	Y	Char (1)	Order type. Valid values: Q – Counter Order Selection
44		Price	C	Price (20)	Price per share or contract. Conditionally required if the order type requires a price (not market orders). Only pricing in PU is accepted. Tag 236 does not need to be sent.
5149		Memo	N	String (50)	Free format text field. This field may be used to convey client's relevant info. It's always echoed in the reports.
236		Yield	C	Percentage	InterestRate in percentage. Only pricing in Yield is accepted. Tag 44 does not need to be sent.
63		SettlType	Y	Char (1)	Indicates order settlement period (used for Voice). Valid values: 0 – Regular (Not applied to voice - 35=s) 1 – T + 0 2 – T + 1 3 – T + 2 4 – T + 3 B – BrokenDate (Accepted only debentures. If this value is specified, tag 64 must be sent)
64		SettlDate	C	LocalMktDate	Specific date of trade settlement (SettlementDate) in YYYYMMDD format (used for Voice).

Tag	Tag name	Req	Data Type	Comment
				Conditional tag. If tag 63 = B (BrokenDate), it is mandatory, otherwise, it must not be included.
18	ExecInst	C	Char (3)	Specifies special execution instructions for the order. Value valid: c – Ignore IF Restrict
117	QuoteID	N	String (32)	Unique identifier for quote.
[Standard Message Trailer]				

3.8. ExecutionAcknowledgement (35=BN) - VOICE

Tag	Tag name	Req	Data Type	Comment
[Standard Message Header]				
37	OrderID	Y	String (26)	Unique identifier for Order as assigned by the exchange. Uniqueness is guaranteed within a single trading day/instrument.
198	SecondaryOrderID	N	String (26)	Assigned by the party which accepts the order.
1036	ExecAckStatus	Y	Char (1)	Indicates the status of the execution acknowledgement. Values valid: 1 – Accepted 2 - Rejected
17	ExecID	Y	String (32)	Unique identifier of execution message as assigned by the exchange – unique per instrument
55	Symbol	Y	String (20)	B3 requires that this field is properly set. It contains the human readable form of the SecurityID tag, available in the Security List message in Market Data feed
48	SecurityID	N	String (12)	Security ID as defined by B3. For the SecurityID list, see the Security List message in Market Data feed.
22	SecurityIDSource	N	String (1)	Conditionally required if the SecurityID field is set. Valid values: 8 - Exchange Symbol
207	SecurityExchange	N	Exchange (4)	Market to which security ID (tag 48) belongs. Valid values: BVMF - BM&F Bovespa
54	Side	Y	Char (1)	Side of order. Valid values: 1 - Buy 2 - Sell
38	OrderQty	Y	Qty (15)	Quantity ordered.

Tag	Tag name	Req	Data Type	Comment
58	Text	C	String (250)	Free format text String In the case of a Voice's cancellation, this field is mandatory.
[Standard Message Trailer]				

3.9.   CrossOrderCancelRequest (35=u) - VOICE

Tag			Tag name	Req	Data Type	Comment
[Standard Message Header]						
37			OrderID	Y	String (26)	Unique identifier for Order as assigned by the exchange. Uniqueness is guaranteed within a single trading day/instrument.
548			CrossID	Y	String (20)	Identifier for the cross order. Must be unique during a given trading day.
551			OrigCrossID	Y	String (20)	Must match the CrossID of previous cross order. Same order chaining mechanism as ClOrdID/OrigClOrdID with single order Cancel/Replace.
549			CrossType	Y	Int (1)	Type of cross being submitted to a market. Values valid: 1 – Cross Trade Which is Executed Completely or Not
550			CrossPrioritization	Y	Char (1)	Indicates if one side or the other of a cross order should be prioritized. Valid values: 0 - None
552			NoSides	Y	NumInGroup (2)	Number of Side (54) repeating group instances. Must be always 2 (both sides)
➔	54		Side	Y	Char (1)	Side of order. Can be a minimum size of 1 and a maximum of 2. Valid values: 1 - Buy 2 - Sell
➔	41		OrigClOrdID	Y	String (38)	ClOrdID of the order that the client is trying to cancel.
➔	11		ClOrdID	Y	String (38)	Unique identifier of the order as assigned by the market participant.
➔	➔	453	NoPartyIDs	Y	NumInGroup (2)	Repeating group below should contain unique combinations of PartyID, PartyIDSource, and PartyRole.
➔	➔	448	PartyID	Y	String (50)	Used to identify source of PartyID. Conditionally required if NoPartyID > 0.

Tag			Tag name	Req	Data Type	Comment
➔	➔	447	PartyIDSource	Y	Char (1)	Identifies class or source of the PartyID (448) value. Conditionally required if NoPartyID > 0. Valid values: D - Proprietary Custom Code
➔	➔	452	PartyRole	Y	Int (5)	Identifies the type or role of the PartyID (448) specified. Conditionally required if NoPartyID > 0. Valid values: 36 - Entering Trader 54 - Sender Location 58 - Entering Desk 59 - Executing Desk 76 - Desk Id 1005 - Strategy ID Note: 36, 54 and 58 are required for voice. 76 and 1005 are optional and equivalent to desk, book and strategy details (for future use)
➔		38	OrderQty	Y	Qty (15)	Quantity ordered.
➔		58	Text	Y	String (250)	Free format text string. In the case of a Voice's cancelation, this field is mandatory.
55			Symbol	Y	String (20)	B3 requires that this field is properly set. It contains the human readable form of the SecurityID tag, available in the Security List message in Market Data feed
48			SecurityID	N	String (12)	Security ID as defined by B3. For the SecurityID list, see the Security List message in Market Data feed.
22			SecurityIDSource	N	String (1)	Conditionally required if the SecurityID field is set. Valid values: 8 - Exchange Symbol
207			SecurityExchange	N	Exchange (4)	Market to which security ID (tag 48) belongs. Valid values: BVMF - BM&F Bovespa
60			TransactTime	Y	UTCTimestamp (21)	Time this order request was initiated/released by the trader, trading system, or intermediary.
961			HostCrossID	N	String (30)	Host assigned entity ID that can be used to reference all components of a cross; sides + strategy + legs.
[Standard Message Trailer]						