



FX-Retail Platform

Version: 1.00

Trade FIX Structure

June, 2026



FX-RETAIL TRADE MESSAGE FIX STRUCTURE

1. Trade Message in FIX format:

Message structure of the Trade message in FIX format is as Table 1.

Table 1: Trade Message in FIX format

Tag	Field Name	Mandatory (M) / Optional (O)	Data Type	Max Size	Description	
Standard Header					Message Type: 35 = 8	
37	OrderID	M	String	15	Order Sequence No. as assigned by FX-Clear System.	
55	Symbol	M	String	7	Indicates the currency pair i.e. Base Currency/Counter Currency. Valid value: USD/INR, EUR/INR, GBP/INR, CHF/INR, AED/INR, CAD/INR, SGD/INR, AUD/INR, JPY/INR, NZD/INR, HKD/INR	
48	Security Id	M	String	5	Token Identifier	
					Valid Values	
					SPOT	
					TOM	
					CASH	
FRWD						
22	Security Id Source	M	String	1	Valid Values	Meaning
					8	Exchange Symbol (Ticker)
880	TrdMatchID	M	String	18	Trade Sequence no. as generated for a trade CSV in FX Retail. Example: 201703140000002 to be append with BC – Branch Buying from Customer SC - Branch Selling to Customer BH - Branch Buying from HO SH - Branch Selling to HO	
11	ClOrdID	M	String	15	The field will contain following possible values.	
					Valid Values	Meaning
					0	For trade messages of (FX RETAIL USERS)

41					<table><tr><td></td><td>Note: This field is required since it indicates the ClOrdID of the client message for which the execution report is generated for the API users.</td></tr></table>		Note: This field is required since it indicates the ClOrdID of the client message for which the execution report is generated for the API users.				
		Note: This field is required since it indicates the ClOrdID of the client message for which the execution report is generated for the API users.									
OrigClOrdID	O	String	15	Not required to be sent currently. Note: Optionally present if the trade execution drop copy was for API Users whose order was modified.							
17	ExecID	M	String	15	The field will contain following possible values. <table><tr><th>Valid Values</th><th>Meaning</th></tr><tr><td>0</td><td>For trade messages of WEB users (FX Retail users) Note: For API Users, Unique identifier of execution message as assigned by FX Clear</td></tr></table>	Valid Values	Meaning	0	For trade messages of WEB users (FX Retail users) Note: For API Users, Unique identifier of execution message as assigned by FX Clear		
Valid Values	Meaning										
0	For trade messages of WEB users (FX Retail users) Note: For API Users, Unique identifier of execution message as assigned by FX Clear										
150	ExecType	M	Character	1	Describes the purpose of the execution report. <table><tr><th>Valid Values</th><th>Meaning</th></tr><tr><td>F</td><td>Trade (partial fill or fill)</td></tr></table>	Valid Values	Meaning	F	Trade (partial fill or fill)		
Valid Values	Meaning										
F	Trade (partial fill or fill)										
39	OrdStatus	M	Character	1	Identifies current status of order. <table><tr><th>Valid Values</th><th>Meaning</th></tr><tr><td>1</td><td>Partially filled</td></tr><tr><td>2</td><td>Filled</td></tr></table>	Valid Values	Meaning	1	Partially filled	2	Filled
Valid Values	Meaning										
1	Partially filled										
2	Filled										
54	Side	M	Character	1	Side of an order. <table><tr><th>Valid Values</th><th>Meaning</th></tr><tr><td>1</td><td>Buy</td></tr><tr><td>2</td><td>Sell</td></tr></table>	Valid Values	Meaning	1	Buy	2	Sell
Valid Values	Meaning										
1	Buy										
2	Sell										

40	OrdType	M	Character	1	Price type of the order	
					Valid Values	Meaning
					2	Limit
44	Price	M	Float		Mandatory field specifying Price of the order.	
59	TimeInForce	M	Character	1	Time qualifier of the order.	
					Valid Values	Meaning
					0	Day
					3	Immediate or Cancel (IOC)
					6	Good Till Date (mandatory for GTT)
31	LastPx	M	Float		Price of this (last) fill. Net Price of the Trade <u>1. Customer Trades</u> Customer Leg: The Trade Price adjusted with the Bank Fee (mark up) value will be displayed in this field. Bank Leg: The Trade Price will be displayed in this field. <u>2.PROP Trades</u> The Trade Price will be displayed in this field.	
32	LastQty	M	Float		Quantity executed in this fill.	
151	LeavesQty	M	Float		Outstanding order Quantity for further execution. LeavesQty = OrderQty<38> – CumQty<14>.	
14	CumQty	M	Float		Total quantity filled.	
6	AvgPx	M	Float		This will always be 0.0000 as application does not calculate the average price.	
38	OrderQty	M	Float		Total Order Quantity of the Base Currency.	
110	MinQty	O	Double		Minimum quantity of an order to be executed.	
111	MaxFloor	O	Double		Disclosed Quantity of an order.	
126	ExpireTime	O	String	14	Time of Order expiration, mandatory for GTT orders (in GMT).	

					Format: YYYYMMDD-HH:MM
60	TransactTime	M	String	21	Trade Timestamp (in GMT) Format: YYYYMMDD-HH:MM:SS.nnn
15	Currency	M	String	3	Valid value: USD, EUR, GBP, CHF, AED, CAD, SGD, AUD, JPY, NZD, HKD
120	SettlCurrency	M	String	3	Valid value: INR
63	SettlType	M	Character	1	Indicates settlement type. Valid value: 1 = Cash 2 = Next Day (T+) (TOM) 3 = T+2 3 (which indicates T+2 or Spot settlement) 4 = Forward
64	SettlEndDate	M	String	8	Indicates Settlement End date in Option Period trade. Indicates Settlement Date in Cash/Tom/Spot trades. Format: dd-MMM-yyyy e.g.: 10-Sep-2019
119	SettlCurrAmt	M	Float		Indicates the amount to be settled in counter currency (i.e. INR).
20020	TradeIndicator	M	String	4	Valid value: COM COM. stands for Customer Order Matching
20021	CounterMemberBranchCode	M	String	4	I.Customer CSV: The Counterparty Code will be BANK N G Code (e.g. HDFC) II. Branch CSV: 1.Customer Trade: Bank Leg: The Counter Member Branch Code for the Bank leg will be the BANK N G code (For e.g. HDFC) Customer Leg: The Counter Member Branch code for the Customer leg will be CUST (short form of Customer) 2.PROP Trades The Counter Member Branch code will be the BANK N G code (For e.g. HDFC)

20022	CounterMember Description	M	String	100	Valid value I. Customer: The Counter Member description will be the description of the Member Name. II. Branch: 1.Customer Trades Bank Leg: The Counter Member description will be the Member Name. For e.g. HDFC BANK Customer Leg: The Counter member description will be the description of the Customer Name. For e.g. Reliance Industries Ltd 2.PROP Trades The Counter Member description will be the Member Name. For e.g. HDFC BANK.
20023	CounterMember Number	M	String	12	Valid value: I. Customer : The Counter Member Number will be the Member Number of the Member Bank. For e.g, 10034 II.Branch : 1. Customer Trades Bank Leg: The Counter Member Number will be the Member Number of the Member Bank. Customer Leg: The Counter member Number will be the Customer ID of the Customer. 1. PROP Trades: The Counter Member Number will be the Member Number of the Member Bank.
20024	SelfMemberDes cription	M	String	100	I. Customer : The Self Member Description will be the Customer ID. II.Branch : 1.Customer Trades Bank Leg: The Self Member Description will be the Branch ID

797					Customer Leg: The Self Member Description will be the Branch ID 2.Prop Trades The Self Member Description will be the Branch ID.
	CopyMsgIndicator	M	Character	1	Indicates that the message is a drop copy of another message. It's value will always be Y.
58	Text	O	String	256	This will get filled with following data only in case of trade type Rollover/ Early Delivery Contract Cancellation/ For Contract Cancellation, Rollover (Cancellation trade) and Early Delivery (Cancellation trade) The text will be "CANC <Original Trade No.> <Original Trade Booking Date>" Example: CANC 202001290000034 12-Feb-2020 For Rollover (Rebooking trade): The text will be "ROLL <Trade No.> <Original Trade Booking Date>" Example: ROLL 202001290000035 30-Mar-2020 For Early Delivery (Rebooking trade): The text will be "EDEL <Trade No.> <Original Trade Booking Date>" Example: EDEL 202001290000036 10-Feb-2020
20025	EchoBack	O	String	256	If the trade is received from FX-Retail platform, this will contain all the latest remarks entered by the user in the order entry form separated by pipe () symbol and it is applicable for all the instruments. Example: Remarks1 Remarks2 Remarks3 Remarks4

					If the trade is received from NPCI, Remarks 1 will have PAN Number of Customer from which the trade has been received i.e. ABCDE1234F. Remarks 2 will have Delivery Mode from which the trade has been received i.e. Currency/Forex Card Issue or Reload/ Remittance. Remarks 3 will have Source from which the trade has been received i.e. Bharat connect. Remarks 4 will have Transaction Reference ID which is sent by Bharat connect separated by pipe () symbol. Example: Pan Number Delivery Mode Bharat Connect OU2198179333
194	Equivalent Spot Rate/Trade Price	M	Float		Equivalent Spot Rate only for USDINR currency pair Trade Price will be displayed for FCYINR Currency pairs for the “Cash /Tom/Spot” instruments.
195	Last Forward Points	M	Float		It will consist of Swap Points (in premium or in discount) only for USDINR currency pair for Cash, Tom & Forwards trades. The field will be “blank” for the FCYINR Currency pairs for “Cash /Tom/Spot” instruments.
12	Commission/Mark up	M	Float		I.Customer CSV: This field will contain the Bank Fee (mark up) value in paise e.g. 0.03 II.Branch CSV 1. Customer Trades Customer Leg: This field will contain the Bank Fee (mark up) value in paise e.g. 0.03 Bank Leg: This field should be blank. 2.PROP Trades

20031					This field should be blank.
	Exposure Type	M	String	100	USD/INR: For Forward trades this field would contain the exposure type chosen by the user at the time of order entry. For Spot/Tom/Cash this field will be blank. FCY/INR: This field is left blank.
20032	Exposure Sub-Type	M	String	100	USD/INR: For Forward trades this field would contain the exposure sub-type chosen by the user at the time of order entry. For Spot/Tom/Cash this field will be blank. FCY/INR: This field is left blank.
193	SettlStartDate	O	String	8	Indicates settlement Start date of option period trade. Format: dd-MMM-yyyy e.g.: 10-Sep-2019
1	Account Number of Customer/Entity	M	String	30	Indicates Account number of the customer. Applicable for both Bharat connect and FX-Retail trades
439	Customer Forex Delivery Branch IFSC	O	String	100	Indicates Settlement Branch IFSC which customer has selected. Applicable only for Bharat Connect trades.
20026	Remarks 8	String	100	O	Optional field
20027	Remarks 9	String	100	O	Optional field
20028	USD/INR SPOT Rates	String	15,8	O	USD/INR Spot Rate E.g. 94.4625 (Applicable for FCYINR Instruments)
20029	Remarks 11	String	100	O	Optional field
20033	Remarks 12	String	100	O	Optional field
20034	Remarks 13	String	100	O	Optional field
20035	Remarks 14	String	100	O	Optional field
Standard Trailer					

2. Standard message content

The following tags are standard contents in every FIX messages.

2.1. Standard Header

The following tags form the header part of all the messages exchanged between the FX-Clear Drop Copy Gateway Server and Member's Drop Copy Gateway Client. All messages should start with standard header block.

Table 2: Standard Message Header Details

Tag	Field Name	Mandatory (M) / Optional (O)	Data Type	Max Size	Description	
8	BeginString	M	String	7	Identifies beginning of new message and protocol version. Always first field in a FIX message.	
					Valid Values	Meaning
					FIX.4.4	FIX Protocol Version no. that is used in the application
9	BodyLength	M	Integer		Indicates message length. Always second field in a FIX message.	
35	MsgType	M	String	5	Identifies message type. Always third field in a FIX message. Refer Table 1 for list of supported messages.	
49	SenderCompId	M	String	4	Used to identify entity sending message. For members, to be assigned by CCIL and when FX Clear is the sending entity the code will be CCIL.	
56	TargetCompId	M	String	4	Used to identify entity receiving message. For members, to be assigned by CCIL Eg HDFC, JPB	
57	TargetSubId	O	String	5	Dealer Number (Who made the deal) I. Customer : The Dealer Number will be PID (Personal ID) of the customer user who made the deal. For Eg. S0000122 II. Branch : 1.Customer Trades Bank Leg: PID of the user who made the deal. Customer Leg: PID of the user who made the deal. 2.Prop Trades	

					The Dealer Number will be the PID (Personal ID) of the Branch user who made the deal.						
34 43	MsgSeqNum	M	Integer		Message Sequence number						
	PossDupFlag	O	Boolean		Indicates possible retransmission of a message with this sequence number. Always required for retransmitted messages , as the result of a resend request.						
					<table><tr><td>Valid Values</td><td>Meaning</td></tr><tr><td>N</td><td>Original transmission</td></tr><tr><td>Y</td><td>Possible duplicate</td></tr></table>	Valid Values	Meaning	N	Original transmission	Y	Possible duplicate
	Valid Values	Meaning									
N	Original transmission										
Y	Possible duplicate										
122	OrigSendingTime	O	String	21	Original time of message transmission (always expressed in GMT) when transmitting orders as the result of a resend request and will be present in re-transmitted messages. The value in OrigSendingTime tag will be the time when the data was initially transmitted. Format: YYYYMMDD-HH:MM:SS.nnn						
52	SendingTime	M	String	21	Time of message transmission. Format: YYYYMMDD-HH:MM:SS.nnn						

Note: The value for PossDupFlag<43> tag if absent should be considered as 'N' (i.e. original transmission).

2.2. Standard Message Trailer

The following tag form the trailer section of any message exchanged between FX-Clear Drop Copy Gateway Server and Member's Drop Copy Gateway Client. All messages should have the following tag as the last tag of the message.

Table 3: Standard Message Trailer Details

Tag	Field Name	Mandatory (M) / Optional (O)	Data Type	Max Size	Description
10	Checksum	M	String	3	Three byte, simple checksum Always last field in message; i.e. serves, with the trailing, as the end-of-message delimiter. Always defined as three characters.

2.3. Trade Reconciliation message

Table 134: Trade Reconciliation Message Structure

Tag	Field Name	Mandatory (M) / Optional (O)	Data Type	Max Size	Description
Standard Header					Message Type: 35 = DR
75	Trade Date	M	String	8	Current Business Date when trades are executed.
20030	UI Trade Count	M	Long		Indicates the count of Retail trades executed by all the customers of the member.
Standard Trailer					