



By SBI Digital Asset Holdings and SIX

FIX 4.2 Protocol Technical Specification

For Crypto Derivatives Market

Version 1.3

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## Version History

Version	Date	Comments
1.0	Dec 2023	First Version
1.1	Mar 2024	Execution Report : Removed Tag 15(Currency) Execution Report : Updated description of Tag 47(OrderCapacity) and 1724(DEAFlag) Quote Request : Added new message Quote Acknowledgement: Added new message Quote: Added new message Quote Status Report: Added new message
1.2	July 2024	Quote Request: Added tag 297 Quote Request: Added description for tag 131 New Order Single: Added Day TimeInforce
1.3	Jan 2025	New Order Single: Added Tags - NoAllocs and AllocAccount Execution Report: Added Tags - NoAllocs and AllocAccount

# 1 Introduction

This document describes the FIX 4.2-based implementation developed by Aquis Technologies for AsiaNext Exchange (AsiaNext).

The document is intended to supplement the FIX protocol specification available at [www.fixprotocol.org](http://www.fixprotocol.org) by describing the message types, fields and values that are supported. Both necessary and optional parameters are identified, along with any specific usage and meaning adopted by AsiaNext.

## 1.1 Enquiries / Support

Please contact the AsiaNext support team at [onboarding@asianext.com](mailto:onboarding@asianext.com) for any questions relating to this document.

## 2 Network Connectivity and Message Structure

AsiaNext will provide trading Members (or their representatives) with IP address and port information to establish a TCP/IP connection for the trading session.

One or more connections will be provided to the Customer Test (CT) environment and, on successful certification, connection details to the primary and backup Production trading environments will be supplied.

Only fields and values indicated in the specification are valid. Other fields and values are not valid and should not be sent to the exchange.

## 3 Trading Session Configuration

AsiaNext will agree *SenderCompID / TargetCompID* values with the counterparty to identify their trading session and to identify AsiaNext as the intended trading venue. These fields are case-sensitive, with a maximum field size of 16 characters.

### 3.1 Cancel on Disconnect

All open orders are cancelled automatically if the trading Member ends their session or the connection drops.

### 3.2 Self-Trade Prevention

Self-trade Prevention is set for Liquidity Provider.

When a Liquidity Provider has multiple trading connections, AsiaNext offers the option for self-trade prevention to be configured across these trading sessions. This prevents a Liquidity Provider from trading with themselves by cancelling the resting order that would otherwise match.

- **Cancel Resting Order** – If an incoming (or price modified) order would trade with another order from that Liquidity Provider that is already on the AsiaNext order book, the existing resting order is automatically cancelled. The incoming order may trade with other orders, or is posted to the order book, as normal.

### 3.3 Post-Only and Post-Only Cancel Replace Order Types

PO, POCR order types are enabled for liquidity providers only.

A PO, POCR order is specified using the custom FIX tag *AquisOrderAttribute* (27010) on the New Order Single message. If the order is cancelled back to prevent an aggressive trade, the Execution Report message, with *OrdStatus* (39) = *Cancelled* (4), will carry the reason 'PO', 'POCR' respectively in the *Text* (58) field.

Cancel/Replace requests for a PO, POCR order (for example to change price) will also require the custom tag to be set. The order will only be updated on the order book if it will not trade on entry, otherwise the order will be cancelled back to the trading Member.

Note that the custom tag 27010 is not returned by AsiaNext on any Execution Report messages so as not to affect any processing of order status or trading activity.

For further details on message formats and values for New Order Single and Order Cancel/Replace Request messages, see New Order Single and Order Cancel/Replace Request respectively.

### 3.4 Timestamping

Timestamp is in the format `yyyymmdd-hh:mm:ss.SSSSS`

## 4 FIX Message Header and Trailer

The following sections detail the FIX tags and values that AsiaNext expects and supports in the header and trailer of incoming and outgoing FIX 4.2 messages.

### 4.1 Header on messages to AsiaNext

AsiaNext will process the following header fields on incoming messages and will ignore all others:

Tag	Field Name	Req'd	Comments
8	BeginString	Y	FIX 4.2 (Always unencrypted, must be first field in message)
9	BodyLength	Y	(Always unencrypted, must be second field in message)
35	MsgType	Y	(Always unencrypted, must be third field in message)
34	MsgSeqNum	Y	Message sequence number (inbound to AsiaNext) for the trading session
43	PossDupFlag	N	Set to Y on retransmitted messages (e.g. following a Resend Request)
49	SenderCompID	Y	ID of sending firm, as agreed with AsiaNext
52	SendingTime	Y	Time of message transmission in UTC
56	TargetCompID	Y	ID representing AsiaNext, as agreed
97	PossResend	N	Set to Y to indicate that message may contain information that has been sent under another sequence number. AsiaNext will process Order Cancel Request messages that are flagged as possible re-sends under a new sequence number. AsiaNext will not process New Order Single or Order Cancel/Replace Request messages that are flagged as re-sent under a new sequence number
122	OrigSendingTime	N	For retransmitted messages ( <i>PossDupFlag</i> = Y), the time in UTC that the message was initially sent. If not available, then set to same value as <i>SendingTime</i>

### 4.2 Header on messages from AsiaNext

AsiaNext will only include the following header fields on outgoing messages:

Tag	Field Name	Req'd	Comments
8	BeginString	Y	FIX 4.2 (Always unencrypted, will be first field in message)
9	BodyLength	Y	(Always unencrypted, will be second field in message)
35	MsgType	Y	(Always unencrypted, will be third field in message)
34	MsgSeqNum	Y	Message sequence number (inbound from AsiaNext) for the trading session
43	PossDupFlag	N	Set to Y on retransmitted messages (e.g. following a Resend Request)
49	SenderCompID	Y	ID representing AsiaNext, as agreed
52	SendingTime	Y	Time of message transmission in UTC
56	TargetCompID	Y	ID of counterparty firm, the value originally sent to AsiaNext as the <i>SenderCompID</i> in the related incoming message

Tag	Field Name	Req'd	Comments
122	OrigSendingTime	N	For retransmitted messages ( <i>PossDupFlag</i> = Y), the time in UTC that the message was initially sent. If not available, then set to same value as <i>SendingTime</i>

Please note that AsiaNext will not re-transmit application messages other than in response to a Resend Request, and so does not use *PossResend*.

### 4.3 Message Trailer

In the FIX message trailer, AsiaNext expects and supports only the mandatory *Checksum* (10) as the last field in each message.

## 5 FIX Session Level Management

This section identifies the messages used to establish, maintain and conclude a FIX trading session, and to re-establish a session after a disconnection, including the recovery of any missed messages.

The structure of these messages corresponds to the standard FIX 4.2 protocol and their use is discussed in more detail below.

### 5.1 Sequence Numbers

Messages should be sent, received, and processed, in a sequenced order. During an established FIX session, if a message is received with a lower than expected sequence number (i.e. number already seen), then AsiaNext will logout the session and drop the connection. If a message is received with an unexpectedly high sequence number, then AsiaNext will respond with a Resend Request to recover the missing messages before proceeding.

AsiaNext sequence numbers (*MsgSeqNo*) are uint(64). This allows for 584 years of continuous operation without requiring a sequence number reset basing on 1 billion messages/sec.

### 5.2 Logon

The first message AsiaNext expects to receive from a client after the TCP/IP connection has been established is a Logon message (*MsgType* (35) = A).

Tag	Field Name	Req'd	Comments
	<i>Standard Header</i>	Y	<i>MsgType</i> (35) = A
98	EncryptMethod	Y	Always unencrypted
108	HeartBtInt	Y	Heartbeat interval. It is recommended to use 30 seconds
43	PossDupFlag	N	Set to Y on retransmitted messages (e.g. following a Resend Request)

The *SenderCompID* and *TargetCompID* fields are validated by AsiaNext against the expected trading configuration. If this validation fails, the connection is terminated without sending any message.

The sequence number on the initial Logon for each session should be one (1). If the Logon is to re-establish a broken connection, the sequence number should correspond to the next expected inbound sequence number. If there have been connection problems, or following a drop in connectivity where messages were lost, the sequence number may be higher than expected and message recovery will follow (see below). However, if the sequence number is unexpectedly low, then the connection is terminated without sending any message.

The heartbeat interval *HeartBtInt* (108) must also be specified in the Logon message. This value is specified in seconds and is recommended to be set at 30 seconds.

On receipt of a valid Logon message, AsiaNext will respond with a Logon message back (echoing the requested heartbeat interval) and then deal with any message recovery (see below). The counterparty should wait until it receives a valid Logon response before sending further messages to AsiaNext.

If unexpectedly high sequence numbers were detected by either party, message recovery should be initiated. Otherwise the session is now established and should be maintained throughout the trading session.

### 5.3 Recovery

After a drop in connectivity, it is possible that the client will have missed execution messages. This will be detected by the client receiving an unexpectedly high sequence number on the Logon response and they should initiate message recovery by sending a Resend Request (*MsgType* = 2).

A Resend Request should be processed, even if it is received with a high sequence number.

As per the FIX protocol, the Resend Request may be for a set range of messages, or open ended by setting *EndSeqNo* (16) = 0. AsiaNext will handle either type of request.

AsiaNext will respond to the Resend Request by resending any application messages that have been missed and by using the Sequence Reset – Gap Fill message (*MsgType* = 4, *GapFillFlag* (123) = Y) to cover consecutive administrative messages. All retransmitted messages will be sent with *PossDup* (43) = Y.

Similarly, if there have been connectivity problems, it is possible that the sequence number on the inbound Logon from the client will be unexpectedly high. AsiaNext will issue a Resend Request for the missed messages. The client may wish to consider sending a gap fill rather than resending any new order messages, to avoid entering stale orders into different market conditions.

### 5.4 Heartbeat and Test Request

AsiaNext will send a Heartbeat message (*MsgType* = 0) if no other messages have been sent for the agreed heartbeat interval, *HeartBtInt*.

Similarly, if no messages have been received for *HeartBtInt* + 1 seconds then AsiaNext will send a Test Request message (*MsgType* = 1) to test the connection and the responsiveness of the counterparty application. The Test Request message carries a *TestReqID* (112) value and the expected response is a Heartbeat message echoing back this *TestReqID* value.

If there is no response to the Test Request and overall no messages have been received for 2 x *HeartBtInt* seconds, then AsiaNext will logout the client and terminate the connection.

AsiaNext expects the client's FIX application to behave similarly, to maintain the session and to detect and react to abnormal behaviour.

### 5.5 Logout

Either side may send a Logout message (*MsgType* = 5) to end the FIX session. The initiator should continue to process messages until it receives a Logout message in response and it may then terminate the connection.

Under normal circumstances, AsiaNext will maintain the FIX session throughout the trading session and only issue a Logout prior to a scheduled port upgrade. In this scenario, the client will receive a logout message with *Text* (58) = MAINTENANCE. Clients should reconnect to continue trading on the platform.

AsiaNext will respond to a client Logout and will also issue a Logout if it receives a client message with a sequence number lower than expected and the *PossDupFlag* (43) is not set. A network level disconnection or an absence of messages for two heartbeat intervals are also treated as if the client had logged out.

Tag	Field Name	Req'd	Comments
	<i>Standard Header</i>	Y	<i>MsgType</i> (35) = 5
58	Text	N	Reason for logout: USER_REQUESTED SYS_ADMIN DISCONNECT END_OF_DAY INACTIVITY_TIMEOUT PROTOCOL_ERROR SEQUENCE_ERROR DUPLICATE MAINTENANCE

## 5.6 Reject

AsiaNext will use a session level Reject message (*MsgType* = 3) to respond to messages that break the session protocol, or contain missing or incorrect fields. However this should be rare, and where possible AsiaNext will respond with application level reject messages, such as OrderCancelReject or Execution Report – *OrdStatus* Rejected.

## 6 FIX Application Messages

This section describes the application messages used for order entry, order management and trade reporting. In particular, it identifies the specific fields and field values used by AsiaNext to provide its trading services.

### 6.1 New Order Single

AsiaNext supports the FIX New Order Single message for order entry as detailed below:

Tag	Field Name	Req'd	Comments
<i>Standard Header</i>		Y	<i>MsgType</i> (35) = D
1	Account	Y	Mandatory field to specify Account Account value is assigned by AsiaNext.
11	ClOrdID	Y	Must be unique for any live orders and traded orders [within the time window for trade busts/GTD <i>ExpireTime</i> ]. Unique for each order on this session.  Maximum length 20 characters. Note that for performance reasons AsiaNext only validates that ClOrdID is unique, rejecting any duplicates, against currently open orders. AsiaNext recommends including the date to maintain uniqueness.
22	IDSource	Y	8 = Exchange Symbol
38	OrderQty	Y	Number of contracts
40	OrdType	Y	Supported order type 2 = Limit
44	Price	Y	Price is required for limit orders
47	OrderCapacity	N	Values supported A = AOTC P = DEAL (default if tag is not supplied) R = MTCH
48	SecurityID	Y	Security ID of the contract traded on AsiaNext
54	Side	Y	1 = Buy 2 = Sell
59	TimeInForce	Y	0 = Day (Mandatory for RFQ quote only) 3 = Immediate or Cancel (IOC) 4 = Fill or Kill (FOK) 6 = Good Till Date – will expire at time in <i>ExpireTime</i> (126) field.
60	TransactTime	Y	Time this order entry request was initiated by the trading Member.
78*	NoAllocs	N	Number of repeating entries, maximum entry is 1
79*	AllocAccount	N	Optional field to specify sub-account
126	ExpireTime	N	Date/time in UTC of order expiry for a Good Till Date order, mandatory when <i>TimeInForce</i> (59) = 6. [Max <i>ExpireTime</i> is configured by the exchange]
453	NoPartyIDs	N	Indicates number of instances of repeating group*
448*	PartyID	Y	4-byte short code representing decision maker (mapping to long code) 0 = NONE (no client ID) 1 = AGGR (aggregated)

Tag	Field Name	Req'd	Comments
			2 = PNAL (pending allocation) 3 = CLIENT (order instructed by client) 4 to 4,294,967,295 = Member-specified short code
447*	PartyIDSource	Y	P = short code
452*	PartyRole	Y	Specifies the role of the party to the trade 3 = Client ID 12 = Executing Decision ID 122 = Investing Decision ID
2376*	PartyRoleQualifier	N	0 = None (default should short code = 0, 1, 2 or 3) 22 = Algorithm (PartyRole = 12 or 122) 23 = Firm or LEI (PartyRole = 3) 24 = Natural Person (PartyRole = 3, 12 or 122)
1724	DEAFlag	N	Whether the order originates from a Direct Electronic Access Client 0 = No (default) 5 = Yes
8015	OrderAttribute	N	Tag can contain multiple values (separated by spaces). The presence of a value indicates the following: 2 = Liquidity provision activity 4 = Algorithmic order
27010	AquisOrderAttribute	N	Values supported 0 = Continuous Limit Order Book Regular Order (default) 1 = Continuous Limit Order Book Post-Only Order 2 = Continuous Limit Order Book POCR Order
10001	RFQSessionID	N	AsiaNext generated ID for the RFQ session

\* = repeating group

## 6.2 Order Cancel Request

AsiaNext supports the FIX Order Cancel Request message to fully cancel an open order, as detailed below:

Tag	Field Name	Req'd	Comments
	<i>Standard Header</i>	Y	<i>MsgType (35) = F</i>
11	CIOrdID	Y	Unique identifier of the cancel request. Maximum length 20 characters
22	IDSource	N	As provided on the original order
41	OrigCIOrdID	Y	Identifier for the original or last modified version of the order
48	SecurityID	N	As provided on the original order
54	Side	Y	As provided on the original order
60	TransactTime	Y	Time this order cancel request was initiated by the trading Member
453 <sup>+</sup>	NoPartyIDs	N	Indicates number of instances of repeating group*
448*	PartyID	N	4-byte short code representing decision maker (mapping to long code) 0 = NONE (no client ID) 1 = AGGR (aggregated) 2 = PNAL (pending allocation) 3 = CLIENT (order instructed by client) 4 to 4,294,967,295 = Member-specified short code
447*	PartyIDSource	N	P = short code

Tag	Field Name	Req'd	Comments
452*	PartyRole	N	Specifies the role of the party to the trade 3 = Client ID 12 = Executing Decision ID 122 = Investing Decision ID
2376*	PartyRoleQualifier	N	0 = None (default should short code = 0, 1, 2 or 3) 22 = Algorithm (PartyRole = 12 or 122) 23 = Firm or LEI (PartyRole = 3) 24 = Natural Person (PartyRole = 3, 12 or 122)
1724+	DEAFlag	N	Whether the order originates from a Direct Electronic Access Client 0 = No (default) 5 = Yes
8015+	OrderAttribute	N	Tag can contain multiple values (separated by spaces). The presence of a value indicates the following: 2 = Liquidity provision activity 4 = Algorithmic order

\* = repeating group

+ = optional for Cancels, defaults to original order value

Note that PartyIDs are optional for cancel requests e.g. in the event that the order canceller differs from the original order submitter.

### 6.3 Quote Request

AsiaNext supports the Quote Request to commence RFQ session. If no Market Makers are specified in this message, AsiaNext will disseminate the Quote Request details to all configured Market Makers.

Tag	Field Name	Req'd	Comments
	<i>Standard Header</i>	Y	<i>MsgType (35) = R</i>
146	NoRelatedSym	Y	Number of repeating entries, maximum entries =1.
22*	IDSource	N	8 = Exchange Symbol
38*	OrderQty	N	Number of contracts
48*	SecurityID	N	Security ID of the contract traded on AsiaNext
54*	Side	N	1 = Buy 2 = Sell
131	QuoteReqID	Y*	Must be unique for any Quote Request, live orders and traded orders. Maximum length 20 characters. Note that for performance reasons AsiaNext only validates that QuoteReqID is unique, rejecting any duplicates, against currently open orders AsiaNext recommends including the date to maintain uniqueness.  * Tag is required on RFQ Initiator Quote Request. Quote Request for Market Maker does not include this tag.
27020	QuoteReqRecipients	N	Recipients of Quote Request with ";" as a delimiter. If left blank, Quote Request will be sent out to all configured Market Makers.
297	Quote Status	N	0 = Accepted Only present when request is forwarded to Market Maker.

Tag	Field Name	Req'd	Comments
10001	RFQSessionID	N	AsiaNext generated ID for the RFQ session when request is forwarded to Market Maker.

## 6.4 Quote Acknowledgement

AsiaNext Quote Acknowledgement message is sent back to requestor to acknowledge the Quote Request. It is also sent to Market Maker to share the Quote Request.

Tag	Field Name	Req'd	Comments
	<i>Standard Header</i>	Y	<i>MsgType (35) = b</i>
146	NoRelatedSym	Y	Number of repeating entries, maximum entries = 1.
22*	IDSource	N	8 = Exchange Symbol
38*	OrderQty	N	As provided on the original quote request
48*	SecurityID	N	As provided on the original quote request
54*	Side	N	As provided on the original quote request
55*	Symbol	N	As provided on the original quote request
58	Text	N	To provide error text in case of a reject message or cancellation reason if a resting order is force cancelled
131	QuoteReqID	Y	As provided on original quote request
297	Quote Status	Y	0 = Accepted 5 = Rejected 7 = Expired
10001	RFQSessionID	N	AsiaNext generated ID for the RFQ session
27020	QuoteReqRecipients	N	As Provided on the original quote request

## 6.5 Quote

AsiaNext supports the FIX Quote message to disseminate quotes sent by Market Makers to the RFQ session requestor.

Tag	Field Name	Req'd	Comments
	<i>Standard Header</i>	Y	<i>MsgType (35) = S</i>
22	IDSource	N	8 = Exchange Symbol
38	OrderQty	Y	Quantity of Order submitted
44	Price	Y	Price provided on order submitted
48	SecurityID	N	Security ID of the contract traded on AsiaNext
54	Side	Y	Side of order submitted
55	Symbol	N	Uniform symbology code for the security
117	QuoteID	Y	System generated ID for quote
131	QuoteReqID	N	As provided on the original Quote Request
10001	RFQSessionID	Y	AsiaNext generated ID for the RFQ session

## 6.6 Quote Status Report

AsiaNext uses Quote Status Report to disseminate any quote cancelation messages submitted by the market makers to the RFQ session requestor.

Tag	Field Name	Req'd	Comments
	<i>Standard Header</i>	Y	<i>MsgType (35) = AI</i>
22	IDSource	N	8 = Exchange Symbol
48	SecurityID	N	Security ID of the contract traded on AsiaNext
55	Symbol	N	Uniform symbology code for the security
131	QuoteReqID	N	As provided on the original Quote Request
117	QuoteID	N	ID for quote provided on initial quote message
297	QuoteStatus	Y	Status of the quote: 17 = Cancelled
10001	RFQSessionID	N	AsiaNext generated ID for the RFQ session

## 6.7 Order Cancel/Replace Request

AsiaNext supports the FIX Order Cancel/Replace Request message for order modification as detailed below.

It may be used to modify the limit price of an order and/or to increase or decrease the total order quantity. The ExpireTime modification is supported too.

AsiaNext does not support the re-opening of a fully filled order by increasing order quantity and does not send "Pending Replace" messages.

Orders transmitted by FIX can only be modified or cancelled after they have been acknowledged by the matching engine. In practise, this means waiting for receipt of an order acknowledgement (35=8) before sending a cancel request or cancel/replace request

Tag	Field Name	Req'd	Comments
	<i>Standard Header</i>	Y	<i>MsgType (35) = G</i>
11	CIOrdID	Y	Unique identifier for the replacement order on this session for the trading day. Maximum length 20 characters.
22	IDSource	N	As provided on the original order
38	OrderQty	Y	New total order quantity
40	OrdType	Y	As provided on the original order
41	OrigCIOrdID	Y	Identifier for the original or last modified version of the order
44	Price	Y	New limit price, required for limit orders
47	Order Capacity	Y	Values supported A = AOTC P = DEAL (default if tag not supplied) R = MTCH
48	SecurityID	N	As provided on the original order
54	Side	Y	As provided on the original order
59	TimeInForce	N	TIF cannot be modified
60	TransactTime	Y	Time this order modification request was initiated by the trading Member
126	ExpireTime	N	Date/time in UTC of order expiry for a Good Till Date order
453+	NoPartyIDs	N	Indicates number of instances of repeating group*
448*	PartyID	N	4-byte short code representing decision maker (mapping to long code) 0 = NONE (no client ID) 1 = AGGR (aggregated) 2 = PNAL (pending allocation) 3 = CLIENT (order instructed by client) 4 to 4,294,967,295 = Member-specified short code
447*	PartyIDSource	N	P = short code
452*	PartyRole	N	Specifies the role of the party to the trade 3 = Client ID 12 = Executing Decision ID 122 = Investing Decision ID
2376*	PartyRoleQualifier	N	0 = None (default should short code = 0, 1, 2 or 3) 22 = Algorithm (PartyRole = 12 or 122) 23 = Firm or LEI (PartyRole = 3) 24 = Natural Person (PartyRole = 3, 12 or 122)
1724+	DEAFlag	N	Whether the order originates from a Direct Electronic Access Client 0 = No (default) 5 = Yes
8015+	OrderAttribute	N	Tag can contain multiple values (separated by spaces). The presence of a value indicates the following: 2 = Liquidity provision activity 4 = Algorithmic order
27010+	AquisOrderAttribute	N	If the original order has this attribute set, the value must match that of original order 0 = No constraint, regular order (default if tag not supplied) 1 = Post-Only Order 2 = POCR

\* = repeating group

+ = optional for Modifies

Note that PartyIDs are optional for modify requests (e.g. in the event that the order modifier differs from the original order submitter).

## 6.8 Execution Report

AsiaNext uses the FIX Execution Report message to accept or to reject a New Order Single, and to accept an Order Cancel Request or an Order Cancel/Replace Request.

Trade reports, and any subsequent trade busts, are also sent using the Execution Report.

The fields and values provided by AsiaNext are detailed below:

Tag	Field Name	Req'd	Comments
	<i>Standard Header</i>	Y	<i>MsgType</i> (35) = 8
1	Account	Y	Account is returned for Order Acknowledgements, Trade Acknowledgements and Rejects if provided on the original New Order Single message.
6	AvgPx	Y	Average price of quantity so far traded on this order (zero if no trade)
11	ClOrdID	Y	The current <i>ClOrdID</i> identifier of the order, or the <i>ClOrdID</i> of the request that is being accepted
14	CumQty	Y	Cumulative quantity so far traded on this order (zero if no trade)
17	ExecID	Y	Trade ID for this Execution Report. Corresponds to the TVTIC (RTS 24 Art.12 & RTS 22 Field 3 Table 2). Please note, for the purposes of transaction reporting the letter prefix (e.g. 'B' or 'S') should be removed from the unique ID and only the numeric code reported  R is the prefix for a Replaced order X is the prefix for a Cancelled order
19	ExecRefID	N	Sent for a trade bust ( <i>ExecTransType</i> = 1) to identify the earlier Execution ID for the original trade
20	ExecTransType	Y	0 = New (for order related messages and trade reports) 1= Cancel (for a trade burst)
22	IDSSource	N	As provided on the original order
30	LastMkt	N	Provides the AsiaNext MIC for the execution: XAND – Crypto Derivatives Market
31	LastPx	Y	Price of this trade (zero if not a trade)
32	LastQty	Y	Quantity of this trade (zero if not a trade)
37	OrderID	Y	Order reference number
38	OrderQty	Y	Quantity of the order
39	OrdStatus	Y	Status of the order, values sent by AsiaNext: 0 = New 1 = Partially Filled 2 = Filled 4 = Cancelled 5 = Replaced 8 = Rejected C = Expired
40	OrdType	N	As provided on the original order
41	OrigClOrdID	N	ClOrdID of the order that is being cancelled or replaced (for solicited cancel or replace responses only)
44	Price	N	Limit price, if provided on the original order
47	OrderCapacity	N	As provided on the original order for OrderCapacity A = AOTC

Tag	Field Name	Req'd	Comments
			P = DEAL (default if tag is not supplied) R = MTCH
48	SecurityID	N	As provided on the original order
54	Side	Y	As provided on the original order
58	Text	N	To provide error text in case of a reject message or cancellation reason if a resting order is force cancelled
59	TimeInForce	N	As provided on the original order
60	TransactTime	Y	Time of this event in UTC
78*	NoAlloc	N	As provided on the original order
79*	AllocAccount	N	As provided on the original order
126	ExpireTime	N	As provided on the original order
150	ExecType	Y	Reason for this report, values sent by AsiaNext: 0 = New 1 = Partially Filled 2 = Filled 4 = Cancelled 5 = Replaced 8 = Rejected C = Expired
151	LeavesQty	Y	Quantity still open for execution
375	ContraBroker	N	AsiaNext
382	NoContraBrokers	N	Only provided on trade reports. If present value is 1.
851	LastLiquidityInd	N	FIX 4.4 tag for trade liquidity indicator. Only provided on trade reports 1 = Added liquidity 2 = Removed liquidity
880	TVTIC	N	Returned on trades. The TVTIC required for transaction reporting purposes.
1724	DEAFlag	N	Returned if provided on the original order. 0 = No (default) 5 = Yes

### 6.8.1 Trade Bust

In the event of a Trade Bust, Members should refer to the *ExecRefID* (19) to identify the original Execution ID. Please note that ExecID (17) and TVTIC (880) should be disregarded.

### 6.9 Order Cancel Reject

AsiaNext rejects an Order Cancel Request or an Order Cancel/Replace Request that it cannot act upon with a FIX Order Cancel Reject message.

The fields and values provided by AsiaNext are detailed below:

Tag	Field Name	Req'd	Comments
	<i>Standard Header</i>	Y	<i>MsgType</i> (35) = 9
11	ClOrdID	Y	The <i>ClOrdID</i> of the request that is being rejected
37	OrderID	Y	AsiaNext order reference number. If an unknown order, value will be 0

Tag	Field Name	Req'd	Comments
39	OrdStatus	Y	Status of the order that failed to be cancelled or replaced If an unknown order, value will be set to 8 (Rejected)
41	OrigClOrdID	Y	The ClOrdID that could not be cancelled or replaced.
58	Text	N	To provide a reason for the reject
434	CxlRejResponseTo	Y	The type of request that this is a response to: 1 = Order Cancel Request 2 = Order Cancel/Replace Request

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