

Session Layer Validation Conditions

This table lists the text reasons that can be sent in tag 58-Text of the [Session Level Reject message](#) when an iLink message from a client system does not pass CME Globex session-level validation.

Session Layer Validation	Tag 58-Text
All Messages (header)	
Tag 8-BeginString	<ul style="list-style-type: none"> BeginString (8) tag is not present BeginString (8) tag has an incorrect value, should be FIX4.2
Tag 9-BodyLength	<ul style="list-style-type: none"> BodyLength (9) tag is not present BodyLength (9) tag has an incorrect value: should be ()
Tag 35-MessageType	<ul style="list-style-type: none"> Could not extract message type. UNKNOWN Message received. Message Type = ()
Tag 34-MsgSeqNum	In session logon message must have 34=1. Logout forced.
Tag 49-SenderCompID	<ul style="list-style-type: none"> "SenderCompId (49) tag is not present" "Invalid SenderCompID (49) tag. Logout forced."FTI Received invalid fault tolerance indicator = () Logout forced. if LOGGED_OFF and if Msg Type is Logon (A) and FTI is (not U or N) or Null then Invalid logon. Logout forced. Received initial logon message with Primary Indication = () + Expected U or N This message comes from backup: Received invalid fault tolerance indicator = (). Expected Bif logged off and MessageType is non logon msg then: Non logon message received while not logged on.
Tag 50-SenderSubID	<ul style="list-style-type: none"> SenderSubId (50) tag is not present Business Reject: Other '50 (SENDER_SUB_ID) length: 1 min: 2' tag SenderSubID (50) can contain only alphanumeric values
Tag 52-SendingTime	<ul style="list-style-type: none"> SendingTime (52) tag is not present SendingTime (52) tag is not formatted properly ()
Tag 56-TargetCompID	<ul style="list-style-type: none"> TargetCompId (56) tag is not present TargetCompId (56) tag has an incorrect value: () should be CME
Tag 57-TargetSubID	<ul style="list-style-type: none"> TargetSubId (57) tag is not present TargetSubId (57) tag has an incorrect value: (), should be G
Tag 142-SenderLocationID	SenderLocationId (142) tag is not present
All Messages (trailer)	
10-Checksum	Invalid FIX message. Checksum tag not found.
Logon (tag 35-MessageType=A)	
If tag 43-PossDupFlag=Y (resend), then check: tag 122-OrigSendingTime	<ul style="list-style-type: none"> Cannot have an Original Sending Time field on an initial logon. Logout forced. In-session logon may not include OrigSendingTime field. Logout forced.
Tag 96-RawData	Invalid logon. Logout forced.

Tag 141-ResetSeqNumFlag	<ul style="list-style-type: none"> • Cannot have Reset Sequence Number Flag=Y during initial logon. Logout forced. • In session logon message must have 141=Y. Logout forced.
Tag 108-HeartBtInt	<ul style="list-style-type: none"> • Error during logon. Heartbeat tag invalid. • Error during logon. Heartbeat value invalid. Received: (), expected value in range 5-999
	All messages EXCEPT: Cross Request (tag 35-MsgType=s), Quote Request(tag 35-MsgType=R)
Tag 11-ClOrdID	<ul style="list-style-type: none"> • ClOrdID (11) tag is not present • Last 8 characters of tag ClOrdID (11) cannot contain spaces only
Order Cancel Request (tag 35-MsgType=35=F) Cancel/Replace Request (tag 35-MsgType=G)	
Tag 37-OrderID	OrderID (37) must be present on a Cancel or Cancel Replace Request.
New Order (tag 35-MsgType=D), Cancel/Replace Request (tag 35-MsgType=G)	
tag 38-OrderQuantity	<ul style="list-style-type: none"> • OrderQty (38) must be present on a New Order or Cancel/Replace Request. • For Globex Credit Controls (GC2): Credit Limit Violation: Order Quantity x exceeds Clip Size: y.
	<ul style="list-style-type: none"> • Position Limit Violation for Account: <Account>, Position Increase: <position> makes position above the BUY Position Limit: <Limit> by amount: <Amount>. Limit set by CMF for Product Code: <Product Code> • Position Limit Violation for Account: <Account>, Position Increase: <position> makes position above the BUY Position Limit: <Limit> by amount: <Amount>. Limit set by EF for Product Code: <Product Code> • Pre-Trade Registration Violation: Account: <Account> is not Registered for this Executing Firm • Pre-Trade Registration Violation: Account: <Account> is not Registered to Trade Product Code: <Product Code> • Pre-Trade Registration Violation: Account: <Account> is not Registered to Trade UDS Covered • Pre-Trade Registration Violation: Account: <Account> has been Suspended from Trading by the CMF for this Executing Firm
tag 1031-CustOrderHandlingInst	<ul style="list-style-type: none"> • Required Field Missing 'Missing field: 'CustOrderHandlingInst (1031)' • Invalid FIX Field: 1031=<null> • tag CustOrderHandlingInst (1031) contains invalid value: <> • Invalid FIX Field: 1031=<null>
Order Status Request (tag 35-MsgType=H)	
	<ul style="list-style-type: none"> • Exceeded maximum number of unacknowledged OSR requests. • Order Status Not Found. • CltOrdId (11) tag is not present.
Resend Request (tag 35-MsgType=2)	
Tag 7-BeginSeqNo & Tag 16	<ul style="list-style-type: none"> • Invalid BeginSeqNum. Integer required. /Invalid EndSeqNum. Integer required.) • Error. Received new Resend Request while already processing a Resend Request. • Invalid BeginSeqNum or EndSeqNum. Cannot be greater than last seq num sent. • Invalid BeginSeqNum. Cannot be less than 1. • Invalid EndSeqNum. Cannot be less than 0. • Range of messages to resend is greater than maximum allowed () • "BeginSeqNo is greater than EndSeqNo."

Mass Quote (tag 35- MsgType=i)	
tag 1031-CustOrderHandlin gInst	Invalid FIX Field: 1031=<null>
Messaging Control Violations	Volume Controls initiated Reject due to exceeding Mass Quote Message limit. Current TPS: #### Volume Controls initiated Reject. Current TPS:####