

AutoCert+ BrokerTec Order Entry User Manual

29 April 2025



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Getting Started

The AutoCert+ tool is an automated testing tool for validating application functionality. It provides an easy-to-use web interface for walking through CME Group certification scenarios.

To facilitate the process of connecting a customer application to CME Globex, CME Group provides a dedicated certification environment to allow customers to test their systems before they complete certification.

The following apply to each AutoCert+ BrokerTec Order Entry test case:

- The book is clear at the beginning of each test.
- After the instrument is selected, the instrument is locked until the test is completed.
- If you submit an incorrect response to any question in a test case, you must repeat the test case from the beginning.
- For partial or complete fills, assume CME Group creates the appropriate orders in the book.

Note: If a test is not proceeding to the next step, selecting the Refresh button (**REFRESH**) below the test steps may resolve the issue.

To run and navigate AutoCert+:

1. Complete the steps detailed in the "[Process Summary: BrokerTec New Release Testing Setup](#)" topic.
2. [Log into](#) the automated certification tool.
3. Review general AutoCert+ test suite [navigation](#) and [general interview](#) information.
4. To access the AutoCert+ BrokerTec Order Entry test suite, select the following settings:
 - **Company Name:** Select a **company** profile
 - **Market:** **BrokerTec EU/US**
 - **Purpose:** **Order Entry**
 - **Application System:** Select a test **system**
 - **Test Suite:** **BrokerTec Order Entry**
 - **Identifier:** Select an **identifier** then click **Assign**.

Current Testing Configuration	
Tester:	Tom Tester
Company Profile:	Firm A
Market:	BrokerTec EU/US
Purpose:	Order Entry
Application System:	Test system
Test Suite:	Cancel and Cancel/Replace by ClOrdID
NOTE: This test suite utilizes the NEWRELEASE environment.	
Sendercomp:	Select Sendercomp ASSIGN
Type:	Semi-Automated Trading System
Category:	Audit Trail
1603:	test
1604:	test2
1605:	test3
Test Suite Status:	
Pre-Certification Interview:	Complete
Test Suite Status:	Not Tested

5. Complete the [Interview](#) for this test suite.
6. Complete applicable test cases

- [Session Layer](#)
- [Business Layer](#)
- [Failover](#)

7. Complete the certification process from the [Post Certification](#) tab.

What's New

The list below illustrates the updates made to the AutoCert+ BrokerTec Order Entry Help system.

Date	Topic	Description
29 April 2025	Interview	<p>Added interview questions:</p> <ul style="list-style-type: none"> • Will your system support Order Cancel without OrderID-tag 37. • Will your system support Order Cancel Replace without OrderID-tag 37. • Will your system support Good Till Order for U.S. Treasuries Product? • Which Good Till Order does your system support? <ul style="list-style-type: none"> • GTC (Good Till Cancel) Order • GTD (Good Till Date) Order • Acknowledgements: <ul style="list-style-type: none"> • That Cancel on Disconnect will NOT cancel GTC and GTD orders. • GTC and GTD Orders beginning of Week processing will be tested for On-Demand Format during certification.
29 April 2025	<p>New tests:</p> <ul style="list-style-type: none"> • Order Cancel without OrderID • Order Cancel-Replace without OrderID • Good Till Cancel • Good Till Date • Beginning of Week Connection with GT Orders for On-Demand Format 	Added supplemental BrokerTec tests to order entry test suite
5 June 2023	Binary Trade Reporting	new test case/topic
7 October 2022	Format	Website and PDF format changes

Date	Topic	Description
		only
11 Mar 2022	Processing Message Gaps of More than 2500 Messages for Mass Quote Systems	Added topic.
	Processing Message Gaps of More than 2500 Messages	Updated screenshots and step 1.
	Mid-Week Connection for Mass Quote Systems (Binding without Initialization)	Updated screenshot, step 5 and 6.
19 Oct 2020	<ul style="list-style-type: none"> • Manual Order Indicator for ATS System (Mass Quotes) • Manual Order Indicator for Manual System (Mass Quotes) • Manual Order Indicator for Semi Automated System (Mass Quotes) 	Added topics.
26 May 2020	All	Initial release

Interview

The interview consists of a series of questions about your trading application. Based on your responses, certain tests are required and others are optional. You must complete the pre-certification interview before running the test cases.

 **Warning:** In order to perform certification testing for MSGW failover with fault tolerance, you must test during the [New Release Weekly Failover Testing Windows](#).

 **To complete the interview:**

Answer each question and click the " **Complete** " button when finished.

Interview	Test Suite	Test Case	Post Certification	Help
Which Mid-week connection does your system support?				
<input type="checkbox"/> Weekly reset using the same UUID (Binding without Initialization)				
<input type="checkbox"/> Mid-week reset using new UUID (Initialization and Binding)				
Which connection does your system support for iLink MSGW failover?				
<input type="checkbox"/> Binding without Initialization (using same UUID)				
<input type="checkbox"/> Initialization and Binding (using new UUID)				
Secure key pairs can expire mid-week. It is important to maintain sequence numbers when rotating keys during mid-week. Will your application support a mid-week key rotation?				
<input type="radio"/> Yes				
<input type="radio"/> No (If No, ensure a proper process is in place to rotate keys ahead of expiration times that land mid-week)				
How will your system respond to Not Applied message for order messages?				
<input type="checkbox"/> Send a Sequence Gap Fill message (recommended)				
<input type="checkbox"/> Resend the requested orders (not recommended)				
Will your system support Fault Tolerance?				
<input type="radio"/> Yes				
<input type="radio"/> No				
What types of Product will your system support?				
<input type="checkbox"/> US Treasuries				
<input type="checkbox"/> US Repo				
<input type="checkbox"/> EU Bonds				
<input type="checkbox"/> EU Repo				
Will your application support Order Entry?				
<input checked="" type="radio"/> Yes				
<input type="radio"/> No				
Will your application support Mass Quote?				
<input checked="" type="radio"/> Yes				
<input type="radio"/> No				
Will your system support spreads?				
<input type="radio"/> Yes				
<input type="radio"/> No				
Will your system support Good Till Order for US Treasuries Product?				
<input checked="" type="radio"/> Yes				
<input type="radio"/> No				
Which Good Till Order does your system support?				
<input type="checkbox"/> GTC(Good Till Cancel) Order				
<input type="checkbox"/> GTD(Good Till Date) Order				
Will your system support the Limit Day Order Type (Fill and Store)?				
<input type="radio"/> Yes				
<input type="radio"/> No				
Will your system support FAK Orders?				
<input type="radio"/> Yes				
<input type="radio"/> No				
Will your system support FOK Orders?				
<input type="radio"/> Yes				
<input type="radio"/> No				

Will your system support FAKi Orders?	
<input type="radio"/>	Yes
<input type="radio"/>	No
Will your system support FAKiMin Orders?	
<input type="radio"/>	Yes
<input type="radio"/>	No
Will your system support Only Best Orders?	
<input type="radio"/>	Yes
<input type="radio"/>	No
Will your system support AON Orders?	
<input type="radio"/>	Yes
<input type="radio"/>	No
Do you support Limit Passive orders?	
<input type="radio"/>	Yes
<input type="radio"/>	No
Will your system support Order Cancel without OrderID-Tag 37?	
<input checked="" type="radio"/>	Yes
<input type="radio"/>	No
Will your system support Cancel Replace functionality?	
<input type="radio"/>	Yes
<input type="radio"/>	No
Will your system use the Cancel Replace with In-Flight-Mitigation (IFM) functionality?	
<input type="radio"/>	Yes
<input type="radio"/>	No
Will your system support Minimum Quantity functionality?	
<input type="radio"/>	Yes
<input type="radio"/>	No
Will your system support Display Quantity functionality?	
<input type="radio"/>	Yes
<input type="radio"/>	No
Which Quote Cancellation functionality will your system support?	
<input type="checkbox"/>	All Quotes
<input type="checkbox"/>	Instruments
<input type="checkbox"/>	Instruments Groups
<input type="checkbox"/>	Quote Set ID
How will your system send orders?	
<input type="radio"/>	Manual
<input type="radio"/>	ATS
<input type="radio"/>	Semi Automated
Will your system support tailor made US Repo instruments?	
<input type="radio"/>	Yes
<input type="radio"/>	No
Will your system support tailor made EU Repo instruments?	
<input type="radio"/>	Yes
<input type="radio"/>	No
Can your system send orders on tailor made Repo instruments?	
<input type="radio"/>	Yes
<input type="radio"/>	No
Do you support a graceful log off? (NOTE: Cancel on Disconnect is NOT invoked with a graceful log off)	
<input type="radio"/>	Yes
<input type="radio"/>	No

AutoCert+ BrokerTec Order Entry

<input type="radio"/> Yes	Does your system support Mass Order Cancel functionality?
<input type="radio"/> No	
<input type="checkbox"/> Market Segment ID	Which Mass Order Cancel Functionality does your system support?
<input type="checkbox"/> Instrument Group	
<input type="checkbox"/> Instrument	
<input type="radio"/> Yes	Does your system support Order Status functionality?
<input type="radio"/> No	
<input type="radio"/> Yes	Does your system support Mass Order Status functionality?
<input type="radio"/> No	
<input type="checkbox"/> Market Segment ID	Which Mass Order Status Functionality does your system support?
<input type="checkbox"/> Instrument Group	
<input type="checkbox"/> Instrument	
<input type="radio"/> Yes	Will your system support Bilateral testing?
<input type="radio"/> No	
<input type="checkbox"/> Pre-Registration (Service Gateway)	How does your application register Administrative Information? (check all that apply)
<input type="checkbox"/> On-Demand	
Tag 5290-Executor and tag 36023-IDMSshortcode are available in New Release for customer testing. To facilitate client development and certification, in New Release the presence of these tags will be validated but the values are not required to be registered. In production, CME Globex will validate the short code presence, and reject if the short code is not a registered value.	
<input type="radio"/> Acknowledge	
<input type="radio"/> Not Acknowledge	
<input type="radio"/> Acknowledge	Cancel on Disconnect will NOT cancel GTC and GTD orders
<input type="radio"/> Not Acknowledge	
GTC and GTD Orders beginning of Week processing will be tested for On-Demand Format during certification. If you are supporting Pre-Registered Format, please test outside AutoCert+ in New Release test environment.	
<input type="radio"/> Acknowledge	
<input type="radio"/> Not Acknowledge	
Complete	

Session Layer Tests

This section contains information on the Session Layer tests.

Connection Tests

This section contains information on the Connection tests.

Primary Gateway Connection Enforcement

The purpose of this test is to verify that your system can support primary gateway enforcement.

Interview Test Suite **Test Case** Post Certification Help

Steps of the test: Primary Gateway Connection Enforcement

This test could take up to several minutes. Please do not close the window during the test. Closing window/stopping test requires to rerun the test from step 1.

Purpose
The purpose of this test is to verify that your system can support primary gateway enforcement.

Selected Contract: UB7#_5/8_03/27-700 **Unlock**

Category	IP	Port
Incremental Premium Feed A	233.143.214.5	15700
Incremental Premium Feed B	233.143.214.132	16700
Incremental Conflated Feed A	233.143.214.19	15701
Incremental Conflated Feed B	233.143.214.147	16701
Premium Snapshot MBP	233.143.214.6	22700
Conflated Snapshot MBP & MBOLD	233.143.214.20	22701
Instrument Replay Premium	233.143.214.7	
Instrument Replay Conflated	233.143.214.21	14701
TCP Conflated Feed		

Category	Link
Templates File:	templates_FivBinary.xml
Premium Configuration File:	config.xml
Conflated Configuration File:	config.xml
TCP Session Management SBE Schema:	templates_MdcSessionMgmt.xml

Note: Press the Start Test button to start or restart a Test. Please do not press the Start Test button again if you are currently running this test. **START TEST**

Description	Flag	Status
1 Over a primary MSGW connection IP, submit a Negotiate/Establish message		Not Tested
2 Receive and process a Negotiate/Establish Reject message		Not Tested
3 Over the client application, submit a Negotiate and Establish message on the new primary gateway		Not Tested
4 Receive and process a Establishment Acknowledgment message		Not Tested
5 Submit a sequence message		Not Tested
6 Receive and process a sequence message		Not Tested
7 Submit a Terminate message		Not Tested
8 Receive and process a Terminate message. The selected session will revert to the previous primary gateway		Not Tested

Key: not tested complete pending failed

REFRESH

Note: If a test is not proceeding to the next step, selecting the Refresh button (**REFRESH**) below the test steps may resolve the issue.

To run a Primary Gateway Connection Enforcement test:

1. Select a **SenderComp** from the drop-down and select **ASSIGN** if a SenderComp is not already assigned.
2. From the **Contracts** drop-down, select the desired contract if the contract is not already locked.
3. Select the **START TEST** button.

Note: **DO NOT** select the **START TEST** button once the test is in progress.

4. Over a primary MSGW connection IP, submit a [Negotiate/Establish](#) message.
5. Receive and process a [Negotiate Reject/Establish Reject](#) message.
6. Over the client application, submit a Negotiate and Establish message on the new primary gateway.
7. Receive and process an [Establishment Acknowledgment](#) message.
8. Submit a [Sequence](#) message.
9. Receive and process a [Sequence](#) message.

10. Submit a [Terminate](#) message.
11. Receive and process a [Terminate](#) message. The selected session will revert to the previous primary gateway.

Beginning of Week Logon

The purpose of this test is to verify that the client system can:

- connect to the CME system at the beginning of the week
- adjust the inbound and outbound sequence numbers as needed
- pick a globally unique UUID for each FIXP session

Steps of the test: Beginning of Week Logon

This test could take up to several minutes. Please do not close the window during the test. Closing window/stopping test requires to rerun the test from step 1.

Purpose
The purpose of this test is to verify that the client system can connect to the CME system at the beginning of the week and be able to adjust the inbound and outbound sequence numbers as needed as well as pick a globally unique UUID for each FIXP session.

Note: Press the Start Test button to start or restart a Test. Please do not press the Start Test button again if you are currently running this test.

Description	Flag	Status
1 Over an iLink connection, submit a Negotiate message .		Not Tested
2 Receive and process a Negotiate Response message		Not Tested
3 Submit an Establish message to bind connection		Not Tested
4 Receive and process a Establishment Acknowledgment message.		Not Tested
5 Submit a sequence message		Not Tested
6 Receive and process a sequence message		Not Tested

REFRESH

Key: not tested complete pending failed

Note: If a test is not proceeding to the next step, selecting the Refresh button (**REFRESH**) below the test steps may resolve the issue.

To run a Beginning of Week Logon test:

1. Select a **SenderComp** from the drop-down and select **ASSIGN** if a SenderComp is not already assigned.
2. Select the **START TEST** button.

Note: DO NOT select the **START TEST** button once the test is in progress.

3. Over an iLink connection, submit a [Negotiate](#) message.
4. Receive and process a [Negotiate Response](#) message.
5. Submit an [Establish](#) message to bind connection.
6. Select **Yes** or **No** to indicate whether your system received and processed the [Establishment Acknowledgment](#) message.
7. Submit a [Sequence](#) message.
8. Receive and process a Sequence message.

Mid-Week Connection (Binding without Initialization)

The purpose of this test is to verify that the client system can connect to the CME system during the Mid-Week Binding without Initialization and adjust the inbound and outbound sequence numbers as needed.

Pre-Registered or On-Demand Format

Note: This test is used for both Pre-Registered and On-Demand formats. The below image shows the Pre-Registered format version of the test.

Interview Test Suite **Test Case** Post Certification Help

Steps of the test: Mid-week Connection (Binding without Initialization) for Pre-Registered format

This test could take up to several minutes. Please do not close the window during the test. Closing window/stopping test requires to rerun the test from step 1.

Purpose
The purpose of this test is to verify that the client system can connect to the CME system during the Mid-Week Binding without initialization and be able to adjust the inbound and outbound sequence numbers as needed.

Selected Contract: UB7#_5/8_03/27 -700 **Unlock**

Category	IP	Port
Incremental Premium Feed A	233.143.214.5	15700
Incremental Premium Feed B	233.143.214.132	16700
Incremental Conflated Feed A	233.143.214.19	15701
Incremental Conflated Feed B	233.143.214.147	16701
Premium Snapshot MBP	233.143.214.6	22700
Premium Snapshot MBO	233.143.214.6	20700
Conflated Snapshot MBP & MBOLD	233.143.214.20	22701
Instrument Replay Premium	233.143.214.7	
Instrument Replay Conflated	233.143.214.21	14701
TCP Conflated Feed		

Category	Link
Templates File:	templates_FixBinary.xml
Premium Configuration File:	config.xml
Conflated Configuration File:	config.xml
TCP Session Management SBE Schema:	templates_MidSessionMgmt.xml

Note: Press the Start Test button to start or restart a Test. Please do not press the Start Test button again if you are currently running this test. **START TEST**

Description	Flag	Status
1 Over the MSGW connection, submit two separate Limit Orders for a selected instrument.	●	Not Tested
2 Receive and process an Execution Report - Confirmation/Acknowledgement message and then Terminate the session.	●	Not Tested
3 Over the client application, submit an Establish message (This is to simulate Binding without Initialization, therefore using the same UUID on step 1 to Establish).	●	Not Tested
4 Receive and process a Establishment Acknowledgment message.	●	Not Tested
5 Submit a sequence message.	●	Not Tested
6 Receive and process a sequence message.	●	Not Tested

Key: ● not tested ● complete ● pending ● failed

REFRESH

Note: If a test is not proceeding to the next step, selecting the Refresh button (**REFRESH**) below the test steps may resolve the issue.

▶ To run a Mid-Week Connection (Binding without Initialization) test:

1. Select a **SenderComp** from the drop-down and select **ASSIGN** if a SenderComp is not already assigned.
2. From the **Contracts** drop-down, select the desired contract if the contract is not already locked.
3. Select the **START TEST** button.

Note: **DO NOT** select the **START TEST** button once the test is in progress.

4. Over the MSGW connection, submit two separate [Limit orders](#) for a selected outright instrument.
5. Receive and process an [Execution Report - New Order](#) message and then [Terminate](#) the session.
6. Over the client application, submit an [Establish](#) message using the same UUID from step 1 to simulate Binding without Initialization.
7. Select **Yes** or **No** to indicate whether your system received and processed the [Establishment Acknowledgment](#) message.
8. Submit a [Sequence](#) message.
9. Receive and process a Sequence message.

Mid-Week Connection (Initialization and Binding) with New UUID

The purpose of this test is to verify that the client system can:

- recover undelivered business messages from the CME system during the mid-week initialization and binding
- adjust the inbound and outbound sequence numbers as needed

Pre-Registered or On-Demand Format



Note: This test is used for both Pre-Registered and On-Demand formats. The below image shows the Pre-Registered format version of the test.

Interview Test Suite **Test Case** Post Certification Help

Steps of the test: Mid-week Connection (Initialization and Binding) with New UUID for Pre-Registered format

This test could take up to several minutes. Please do not close the window during the test. Closing window/stopping test requires to rerun the test from step 1.

Purpose
The purpose of this test is to verify that the client system can recover undelivered business message from CME system during the Mid-Week Initialization and Binding and be able to adjust the inbound and outbound sequence numbers as needed.

Selected Contract : UB7#_5/8_03/27-700 **Unlock**

Category	IP	Port
Incremental Premium Feed A	233.143.214.5	15700
Incremental Premium Feed B	233.143.214.132	16700
Incremental Confated Feed A	233.143.214.19	15701
Incremental Confated Feed B	233.143.214.147	16701
Premium Snapshot MBP	233.143.214.6	22700
Premium Snapshot MBO	233.143.214.6	20700
Confated Snapshot MBP & MBOLD	233.143.214.20	22701
Instrument Replay Premium	233.143.214.7	
Instrument Replay Confated	233.143.214.21	14701
TCP Confated Feed		

Category	Link
Templates File:	templates_FvBinary.xml
Premium Configuration File:	confp.xml
Confated Configuration File:	confc.xml
TCP Session Management SBE Schema:	templates_MdpSessionMgmt.xml

Note: Press the Start Test button to start or restart a Test. Please do not press the Start Test button again if you are currently running this test. **START TEST**

Description	Flag	Status
1 Over the MSGW connection, submit one Limit Order for a selected instrument.		Not Tested
2 Receive and process an Execution Report - Confirmation/Acknowledgement/Fill message and Terminate the session.		Not Tested
3 On the same segment, submit a Negotiate message with a new UUID.		Not Tested
4 Receive and process a Negotiate Response message.		Not Tested
5 Submit an Establish message to bind connection.		Not Tested
6 Receive and process a Establishment Acknowledgment message.		Not Tested
7 Submit a Retransmit Request message for the undelivered Execution Report.		Not Tested
8 Receive and process a Retransmission message for the undelivered Execution Report.		Not Tested
9 Submit a sequence message.		Not Tested
10 Receive and process a sequence message.		Not Tested

Key: not tested complete pending failed

REFRESH



Note: If a test is not proceeding to the next step, selecting the Refresh button (**REFRESH**) below the test steps may resolve the issue.



To run a Mid-Week Connection (Initialization and Binding) with New UUID test:

1. Select a **SenderComp** from the drop-down and select **ASSIGN** if a SenderComp is not already assigned.
2. From the **Contracts** drop-down, select the desired contract if the contract is not already locked.
3. Select the **START TEST** button.



Note: DO NOT select the **START TEST** button once the test is in progress.

4. Over the MSGW connection, submit one [Limit order](#) for a selected outright instrument
5. Receive and process an [Execution Report - New Order](#) message and [Terminate](#) the session
6. On the same segment, submit a [Negotiate](#) message with a new UUID.
7. Receive and process a [Negotiate Response](#) message.

8. Submit an [Establish](#) message to bind connection.
9. Select **Yes** or **No** to indicate whether your system received and processed the [Establishment Acknowledgment](#) message.
10. Submit a [Retransmit Request](#) message for the undelivered Execution Report.
11. Select **Yes** or **No** to indicate whether your system received and processed the [Retransmission](#) message for the undelivered Execution Report.
12. Submit a [Sequence](#) message.
13. Receive and process a Sequence message.

Mid-Week Connection for Mass Quote Systems (Binding without Initialization)

The purpose of this test is to verify that the client system can connect to the CME system during the Mid-Week Binding without Initialization and adjust the inbound and outbound sequence numbers as needed.

Pre-Registered or On-Demand Format



Note: This test is used for both Pre-Registered and On-Demand formats. The below image shows the Pre-Registered format version of the test.

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Steps of the test: Mid-week Connection for Mass Quote Systems (Binding without Initialization for Pre-Registered Format)

This test could take up to several minutes. Please do not close the window during the test. Closing window/stopping test requires to rerun the test from step1.

Purpose
The purpose of this test is to verify that the client system can connect to the CME system during the Mid-Week Binding without Initialization and be able to adjust the inbound and outbound sequence numbers as needed.

Instrument(s):
Select Instrument(s) - Channel
Select

Description	Flag	Status
1 Over the MSGW connection, submit a two-sided Mass Quote (35=i) message having a quantity greater than 5.		Not Tested
2 Receive and process a Mass Quote Acknowledgment message and then Terminate the session.		Not Tested
3 Over the client application, submit an Establish message (This is to simulate Binding without Initialization, therefore using the same UUID on step 1 to Establish)		Not Tested
4 Receive and process a Establishment Acknowledgment message.		Not Tested
5 Submit a Retransmit Request message for the undelivered Execution Report, receive and process retransmission message. Then Submit a sequence message.		Not Tested
6 Receive and process a sequence message.		Not Tested

Key: not tested complete pending failed

REFRESH



Note: If a test is not proceeding to the next step, selecting the Refresh button (**REFRESH**) below the test steps may resolve the issue.



To run a Mid-Week Connection for Mass Quote Systems (Binding without Initialization) test:

1. Select a **SenderComp** from the drop-down and select **ASSIGN** if a SenderComp is not already assigned.
2. From the **Contracts** drop-down, select the desired contract if the contract is not already locked.
3. Select the **START TEST** button.



Note: DO NOT select the **START TEST** button once the test is in progress.

4. Over the MSGW connection, submit a two-sided [Mass Quote \(35=i\)](#) message having a quantity greater than 5.
5. Receive and process a [Mass Quote Acknowledgment](#) message and then [Terminate](#) the session.

- Over the client application, submit an [Establish](#) message using the same UUID on step 1 to simulate binding without initialization.
- Select **Yes** or **No** to indicate whether your system received and processed the [Establishment Acknowledgment](#) message.
- Submit a [Retransmit Request](#) message for the undelivered Execution Report, receive and process [Retransmission](#) message. Then submit a [Sequence](#) message.
- Receive and process a Sequence message.

Mid-Week Connection (Initialization and Binding) with New UUID for Mass Quote Systems

The purpose of this test is to verify that the client system can:

- recover undelivered business messages from the CME system during the mid-week initialization and binding
- adjust the inbound and outbound sequence numbers as needed

Pre-Registered or On-Demand Format

Note: This test is used for both Pre-Registered and On-Demand formats. The below image shows the Pre-Registered format version of the test.

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Steps of the test: Mid-week Connection (Initialization and Binding) with New UUID for Mass Quote Systems using Pre-Registered Format

This test could take up to several minutes. Please do not close the window during the test. Closing window/stopping test requires to rerun the test from step 1.

Purpose
The purpose of this test is to verify that the client system can recover undelivered business message from CME system during the Mid-Week Initialization and Binding and be able to adjust the inbound and outbound sequence numbers as needed.

Selected Contract : BBOND#_5_0_03/35 -709 Unlock

Category	IP	Port
Incremental Premium Feed A	233.143.214.12	15709
Incremental Premium Feed B	233.143.214.140	16709
Incremental Confated Feed A	233.143.214.27	15710
Incremental Confated Feed B	233.143.214.155	16710
Premium Snapshot MBP	233.143.214.14	22709
Premium Snapshot MBO	233.143.214.13	20709
Confated Snapshot MBP & MBOLD	233.143.214.28	22710
Instrument Replay Premium	233.143.214.15	14709
Instrument Replay Confated	233.143.214.29	14710
TCP Confated Feed		

Category	Link
Templates File:	templates_FvBinary.xml
Premium Configuration File:	confio.xml
Confated Configuration File:	confio.xml
TCP Session Management SBE Schema:	templates_MpSessionMont.xml

Note: Press the Start Test button to start or restart a Test. Please do not press the Start Test button again if you are currently running this test. START TEST

Description	Flag	Status
1 Over the MSGIW connection, submit a two-sided Mass Quote (35x1) message having a quantity greater than 5.		Not Tested
2 Receive and process an Execution Report - Confirmation/Acknowledgement/Fill message and Terminate the session.		Not Tested
3 On the same segment, submit a Negotiate message with a new UUID.		Not Tested
4 Receive and process a Negotiate Response message.		Not Tested
5 Submit an Establish message to bind connection.		Not Tested
6 Receive and process a Establishment Acknowledgment message.		Not Tested
7 Submit a Retransmit Request message for the undelivered Execution Report.		Not Tested
8 Receive and process a Retransmission message for the undelivered Execution Report.		Not Tested
9 Submit a sequence message .		Not Tested
10 Receive and process a sequence message.		Not Tested

REFRESH

Key: not tested complete pending failed

Note: If a test is not proceeding to the next step, selecting the Refresh button (**REFRESH**) below the test steps may resolve the issue.

To run a Mid-Week Connection (Initialization and Binding) with New UUID for Mass Quote Systems test:

1. Select a **SenderComp** from the drop-down and select **ASSIGN** if a SenderComp is not already assigned.
2. From the **Contracts** drop-down, select the desired contract if the contract is not already locked.
3. Select the **START TEST** button.

 **Note:** DO NOT select the **START TEST** button once the test is in progress.

4. Over the MSGW connection, submit a two-sided [Mass Quote \(35=i\)](#) message having a quantity greater than 5
5. Receive and process an [Execution Report - New Order](#) message and [Terminate](#) the session
6. On the same segment, submit a [Negotiate](#) message with a new UUID.
7. Receive and process a [Negotiate Response](#) message.
8. Submit an [Establish](#) message to bind connection.
9. Select **Yes** or **No** to indicate whether your system received and processed the [Establishment Acknowledgment](#) message.
10. Submit a [Retransmit Request](#) message for the undelivered Execution Report.
11. Select **Yes** or **No** to indicate whether your system received and processed the [Retransmission](#) message for the undelivered Execution Report.
12. Submit a [Sequence](#) message.
13. Receive and process a Sequence message.

Mid-Week Key Rotation (MSGW)

The purpose of this test is to verify that the client system can properly logon or Negotiate to the CME system using the security enhancement functionality with key rotation.

 **Note:** You will need two valid keys to complete this test.

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Steps of the test: Mid Week Key Rotation (MSGW)

This test could take up to several minutes. Please do not close the window during the test. Closing window/stopping test requires to rerun the test from step1.

Purpose
The purpose of this test is to verify that the client system can properly logon or Negotiate to the CME system using the security enhancement functionality with key rotation. You will need two valid keys to complete this test.

Note: Press the Start Test button to start or restart a Test. Please do not press the Start Test button again if you are currently running this test.

START TEST

Description	Flag	Status
1 Over the MSGW connection, logon using the first secure key pair.		Not Tested
2 Submit a sequence message.		Not Tested
3 Receive and process a sequence message.		Not Tested
4 Submit a Terminate message.		Not Tested
5 Receive and process a Terminate message.		Not Tested
6 Over the MSGW connection again, logon using a different set of secure key pairs other than the ones used in.		Not Tested
7 Submit a sequence message.		Not Tested
8 Receive and process a sequence message.		Not Tested

Key: not tested complete pending failed

REFRESH

 **Note:** If a test is not proceeding to the next step, selecting the Refresh button (**REFRESH**) below the test steps may resolve the issue.

 **To complete the Mid-Week Key Rotation (MSGW) test:**

1. Select a **SenderComp** from the drop-down and select **ASSIGN** if a SenderComp is not already assigned.
2. Select the **START TEST** button.



Note: **DO NOT** select the **START TEST** button once the test is in progress.

3. Over the MSGW connection, [logon](#) using the first [secure key pair](#).
4. Submit a [Sequence](#) message.
5. Receive and process a Sequence message.
6. Submit a [Terminate](#) message.
7. Receive and process a Terminate message.
8. Over the MSGW connection again, logon using a different set of secure key pairs other than the ones used in step 1.
9. Submit a Sequence message.
10. Receive and process a Sequence message.

Re-Setting UUID

The purpose of this test is to verify that, in the event of customer application failure, the application system can reset the UUID intra-session on the same trading day to force synchronization of sequence numbers to and from the exchange.

Note: Re-Negotiate with a new UUID should be used only when the customer is unable to re-sync out-of-sync sequence numbers (required).

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Steps of the test: Re-Setting UUID

This test could take up to several minutes. Please do not close the window during the test. Closing window/stopping test requires to rerun the test from step1.

Purpose
The purpose of this test is to verify in the event of customer application failure, it may be necessary to reset the UUID intra-session on the same trading day to force synchronization of sequence numbers to and from the exchange. Re-Negotiate with a new UUID should be used only when Customer is unable to re-sync out-of-sync sequence numbers (required).

Note: Press the Start Test button to start or restart a Test. Please do not press the Start Test button again if you are currently running this test. **START TEST**

Description	Flag	Status
1 Over the MSGW connection, submit an Establish message.		Not Tested
2 Receive and process a Terminate message.		Not Tested
3 On the same segment, submit a Negotiate message with a new UUID.		Not Tested
4 Receive and process a Negotiate Response message.		Not Tested
5 Submit an Establish message to bind connection.		Not Tested
6 Receive and process a Establishment Acknowledgment message.		Not Tested
7 Submit a sequence message.		Not Tested
8 Receive and process a sequence message.		Not Tested

Key: not tested complete pending failed

REFRESH

Note: If a test is not proceeding to the next step, selecting the Refresh button (**REFRESH**) below the test steps may resolve the issue.

To run a Re-Setting UUID test:

1. Select a **SenderComp** from the drop-down and select **ASSIGN** if a SenderComp is not already assigned.
2. Select the **START TEST** button.

Note: **DO NOT** select the **START TEST** button once the test is in progress.

3. Over the MSGW connection, submit an [Establish](#) message.
4. Select **Yes** or **No** to indicate whether your system received and processed the [Terminate](#) message.
5. On the same segmen, submit a [Negotiate](#) message with a new UUID.
6. Receive and process a [Negotiate Response](#) message.
7. Submit an Establish message to bind connection.
8. Select **Yes** or **No** to indicate whether your system received and processed the [Establishment Acknowledgment](#) message.
9. Submit a [Sequence](#) message.
10. Receive and process a Sequence message.

Verify Sequence Warning KeepAliveInterval Lapsing Procedure/Methodology

The purpose of this test is to verify that the client system reacts correctly in the case of an interruption of communication with CME.

Steps of the test: Verify Sequence Warning KeepAliveInterval Lapsing Procedure/Methodology

This test could take up to several minutes. Please do not close the window during the test. Closing window/stopping test requires to rerun the test from step1.

Purpose
The purpose of this test is to verify that the client system reacts correctly in case of an interruption of communication with CME.

Note: Press the Start Test button to start or restart a Test. Please do not press the Start Test button again if you are currently running this test. **START TEST**

Description	Flag	Status
1 Over an iLink connection, submit a Sequence message .		Not Tested
2 Submit another sequence message due to KeepAliveInterval (test request) has been lapsed.		Not Tested
3 Submit a Terminate message.		Not Tested

Key: not tested complete pending failed

REFRESH

Note: If a test is not proceeding to the next step, selecting the Refresh button (**REFRESH**) below the test steps may resolve the issue.

To run a Verify Sequence Warning KeepAliveInterval Lapsing Procedure/Methodology test:

1. Select a **SenderComp** from the drop-down and select **ASSIGN** if a SenderComp is not already assigned.
2. Select the **START TEST** button.

Note: **DO NOT** select the **START TEST** button once the test is in progress.

3. Over an iLink connection, submit a [Sequence](#) message.
4. Submit another Sequence message due to the KeepAliveInterval (test request) lapsing.
5. Submit a [Terminate](#) message.

Warning: This test creates a sequence number gap that could interfere with the logon process of your next test.

Message Gap Tests

This section contains information on the Message Gap tests.

Processing Message Gaps of More than 2500 Messages

The purpose of this test is to verify that the client system does not enter an infinite resend loop when facing an inbound sequence number gap greater than the maximum of 2500 messages.

- [Pre-Registered Format](#)
- [On-Demand Format](#)

Pre-Registered Format

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Steps of the test: Processing Message Gaps of More than 2500 Messages for Pre-Registered format

This test could take up to several minutes. Please do not close the window during the test. Closing window/stopping test requires to rerun the test from step1.

Purpose
The purpose of this test is to verify that the client system does not enter an infinite resend loop when facing an inbound sequence number gap greater than the maximum of 2500 messages.

Instrument(s): Select

Description	Flag	Status
1 Please set your KeepAliveInterval to a minimum of 30 seconds when taking this test. Over an iLink connection, submit 3 Limit Order Messages using same price with a quantity of 850.		Not Tested
2 Receive and process Execution Report - Confirmation/Acknowledgement and Full Fill message and detect sequence gap.		Not Tested
3 Submit Retransmit Request messages to obtain all messages.		Not Tested
4 Receive and process Execution Report - Fill messages.		Not Tested
5 Submit a sequence message .		Not Tested
6 Receive and process a sequence message		Not Tested
7 Submit a sequence message .		Not Tested

Key: not tested complete pending failed

REFRESH



To run a Processing Message Gaps of More than 2500 Messages for Pre-Registered Format test:

1. Select a **SenderComp** from the drop-down and select **ASSIGN** if a SenderComp is not already assigned.
2. From the **Contracts** drop-down, select the desired contract if the contract is not already locked.
3. Select the **START TEST** button.

Note: DO NOT select the **START TEST** button once the test is in progress.

4. Please set your KeepAliveInterval to a minimum of 30 seconds when taking this test. Over an iLink connection, submit 3 [Limit Order](#) messages with a quantity of 850.
5. Receive and process an [Execution Report - New Order](#) and [Execution Report - Trade Outright \[39=2 \(Filled\)\]](#) message and detect a sequence gap.
6. Submit a [Retransmit Request](#) message to obtain all messages.
7. Receive and process an [Execution Report - Trade Outright \[39=2 \(Filled\)\]](#) message.
8. Submit a [Sequence](#) message.
9. Receive and process a Sequence message.
10. Submit a Sequence message.

On-Demand Format

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Steps of the test: Processing Message Gaps of More than 2500 Messages for On-Demand format

This test could take up to several minutes. Please do not close the window during the test. Closing window/stopping test requires to rerun the test from step1.

Purpose
The purpose of this test is to verify that the client system does not enter an infinite resend loop when facing an inbound sequence number gap greater than the maximum of 2500 messages.

Instrument(s):
Select Instrument(s) - Channel
Select

Description	Flag	Status
1 Please set your KeepAliveInterval to a minimum of 30 seconds when taking this test. Over an iLink connection, submit 3 Limit Order Messages using same price with a quantity of 425.		Not Tested
2 Receive and process Execution Report - Confirmation/Acknowledgement and Full Fill message and detect sequence gap.		Not Tested
3 Submit Retransmit Request messages to obtain all messages.		Not Tested
4 Receive and process Execution Report - Fill messages.		Not Tested
5 Submit a sequence message .		Not Tested
6 Receive and process a sequence message		Not Tested
7 Submit a sequence message .		Not Tested

Key: not tested complete pending failed

REFRESH

▶ To run a Processing Message Gaps of More than 2500 Messages for On-Demand Format test

1. Select a **SenderComp** from the drop-down and select **ASSIGN** if a SenderComp is not already assigned.
2. From the **Contracts** drop-down, select the desired contract if the contract is not already locked.
3. Select the **START TEST** button.

Note: DO NOT select the **START TEST** button once the test is in progress.

4. Please set your KeepAliveInterval to a minimum of 30 seconds when taking this test. Over an iLink connection, submit 3 [Limit Order](#) Messages with a quantity of 425.
5. Receive and process an [Execution Report - New Order](#) and [Execution Report - Trade Outright \[39=2 \(Filled\)\]](#) message and detect a sequence gap.
6. Submit a [Retransmit Request](#) message to obtain all messages.
7. Receive and process an [Execution Report - Trade Outright \[39=2 \(Filled\)\]](#) message.
8. Submit a [Sequence](#) message.
9. Receive and process a Sequence message.
10. Submit a Sequence message.

Processing Message Gaps of More than 2500 Messages for Mass Quote Systems

The purpose of this test is to verify that the client system does not enter an infinite resend loop when facing an inbound sequence number gap greater than the maximum of 2500 messages.

- [Pre-Registered Format](#)
- [On-Demand Format](#)

Pre-Registered Format

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Steps of the test: Processing Message Gaps of More than 2500 Messages for Mass Quote Systems for Pre-Registered format

This test could take up to several minutes. Please do not close the window during the test. Closing window/stopping test requires to rerun the test from step 1.

Purpose
The purpose of this test is to verify that the client system does not enter an infinite resend loop when facing an inbound sequence number gap greater than the maximum of 2500 messages.

Instrument(s): **Select**

Description	Flag	Status
1 Please set your KeepAliveInterval to a minimum of 30 seconds when taking this test. Over an iLink connection, submit 3 separate two-sided Mass Quote messages with a quantity of 850.		Not Tested
2 Receive and process a Mass Quote Acknowledgement and Full Fill message and detect sequence gap.		Not Tested
3 Submit Retransmit Request messages to obtain all messages.		Not Tested
4 Receive and process Execution Report - Fill messages.		Not Tested
5 Submit a sequence message .		Not Tested
6 Receive and process a sequence message		Not Tested
7 Submit a sequence message .		Not Tested

Key: not tested complete pending failed

REFRESH

To run a Processing Message Gaps of More than 2500 Messages for Mass Quote Systems with Pre-Registered Format test:

1. Select a **SenderComp** from the drop-down and select **ASSIGN** if a SenderComp is not already assigned.
2. From the **Contracts** drop-down, select the desired contract if the contract is not already locked.
3. Select the **START TEST** button.



Note: DO NOT select the **START TEST** button once the test is in progress.

4. Please set your KeepAliveInterval to a minimum of 30 seconds when taking this test. Over an iLink connection, submit 3 separate two-sided [Mass Quote](#) messages with a quantity of 850.
5. Receive and process a [Mass Quote Acknowledgment](#) and [Execution Report - Trade Outright \[39=2 \(Filled\)\]](#) message and detect a sequence gap.
6. Submit a [Retransmit Request](#) message to obtain all messages.
7. Receive and process an [Execution Report - Trade Outright \[39=2 \(Filled\)\]](#) message.
8. Submit a [Sequence](#) message.
9. Receive and process a Sequence message.
10. Submit a Sequence message.

On-Demand Format

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Steps of the test: Processing Message Gaps of More than 2500 Messages for Mass Quote Systems for On-Demand format

This test could take up to several minutes. Please do not close the window during the test. Closing window/stopping test requires to rerun the test from step1.

Purpose
The purpose of this test is to verify that the client system does not enter an infinite resend loop when facing an inbound sequence number gap greater than the maximum of 2500 messages.

Instrument(s): **Select**

Description	Flag	Status
1 Please set your KeepAliveInterval to a minimum of 30 seconds when taking this test. Over an iLink connection, submit 3 separate two-sided Mass Quote messages with a quantity of 425.		Not Tested
2 Receive and process a Mass Quote Acknowledgement and Full Fill message and detect sequence gap.		Not Tested
3 Submit Retransmit Request messages to obtain all messages.		Not Tested
4 Receive and process Execution Report - Fill messages.		Not Tested
5 Submit a sequence message .		Not Tested
6 Receive and process a sequence message		Not Tested
7 Submit a sequence message .		Not Tested

Key: ● not tested ● complete ● pending ● failed

REFRESH

To run a Processing Message Gaps of More than 2500 Messages for Mass Quote Systems with On-Demand Format test

1. Select a **SenderComp** from the drop-down and select **ASSIGN** if a SenderComp is not already assigned.
2. From the **Contracts** drop-down, select the desired contract if the contract is not already locked.
3. Select the **START TEST** button.

Note: DO NOT select the **START TEST** button once the test is in progress.

4. Please set your KeepAliveInterval to a minimum of 30 seconds when taking this test. Over an iLink connection, submit 3 separate two-sided [Mass Quote](#) messages with a quantity of 425.
5. Receive and process a [Mass Quote Acknowledgment](#) and [Execution Report - Trade Outright \[39=2 \(Filled\)\]](#) message and detect a sequence gap.
6. Submit a [Retransmit Request](#) message to obtain all messages.
7. Receive and process an [Execution Report - Trade Outright \[39=2 \(Filled\)\]](#) message.
8. Submit a [Sequence](#) message.
9. Receive and process a Sequence message.
10. Submit a Sequence message.

Receiving and Processing Multiple Gaps

The purpose of this test is to verify that the client system can process newly detected gaps in response to a [Retransmit Request](#).

Pre-Registered or On-Demand Format

Note: This test is used for both Pre-Registered and On-Demand formats. The below image shows the Pre-Registered format version of the test.

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Steps of the test: Receiving and Processing Multiple Gaps for Pre-Registered Format

This test could take up to several minutes. Please do not close the window during the test. Closing window/stopping test requires to rerun the test from step1.

Purpose
The purpose of this test is to verify that the client system can process newly detected gaps in response to a Retransmit Request.

Selected Contract: 06AM0-06AJ0-06AM0-06AJ0 -632 **Unlock**

Category	IP	Port
Incremental Feed A	224.0.25.101	11632
Incremental Feed B	224.0.25.101	11732
Snapshot MBP	224.0.25.127	19632
Snapshot MBO	224.0.25.254	20632
Instrument Replay	224.0.25.127	16632

Category	Link
Templates File:	templates_FixBinary.xml
Configuration File:	config.xml

Note: Press the Start Test button to start or restart a Test. Please do not press the Start Test button again if you are currently running this test. **START TEST**

Description	Flag	Status
1 Over an iLink connection, submit 5 separate Limit Orders with a quantity 1.		Not Tested
2 Receive and process Execution Report - Confirmation/Acknowledgement and Full Fill messages and detect sequence gap		Not Tested
3 Submit a Retransmit Request message		Not Tested
4 Receive and process Execution Report - Confirmation/Acknowledgement and Full Fill messages and detect sequence gap		Not Tested
5 Submit a Retransmit Request message		Not Tested
6 Receive and process Execution Report - Confirmation/Acknowledgement and Full Fill messages		Not Tested
7 Submit a sequence message .		Not Tested
8 Receive and process a sequence message .		Not Tested
9 Submit a sequence message .		Not Tested

Key: not tested complete pending failed

REFRESH

Note: If a test is not proceeding to the next step, selecting the Refresh button (**REFRESH**) below the test steps may resolve the issue.

▶ To run a Receiving and Processing Multiple Gaps test:

1. Select a **SenderComp** from the drop-down and select **ASSIGN** if a SenderComp is not already assigned.
2. From the **Contracts** drop-down, select the desired contract if the contract is not already locked.
3. Select the **START TEST** button.

Note: **DO NOT** select the **START TEST** button once the test is in progress.

4. Over an iLink connection, submit 5 separate [Limit Orders](#) with a quantity of 1.
5. Receive and process [Execution Report - New Order](#) and [Execution Report - Trade Outright \[39=2 \(Filled\)\]](#) and detect a sequence gap.
6. Submit a [Retransmit Request](#) message.
7. Receive and process Execution Report - New Order and Execution Report - Trade Outright [39=2 (Filled)] and detect sequence gap.
8. Submit a Retransmit Request message.
9. Receive and process Execution Report - New Order and Execution Report - Trade Outright [39=2 (Filled)].
10. Submit a [Sequence](#) message.
11. Receive and process a Sequence message.
12. Submit a Sequence message.

Receiving and Processing Multiple Gaps (Mass Quote)

The purpose of this test is to verify that the client system can process newly detected gaps in response to a [Retransmit Request](#).

Note: This test is used for both Pre-Registered and On-Demand formats. The below image shows the Pre-Registered format version of the test.

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Steps of the test: Receiving and Processing Multiple Gaps (Mass Quote) for Pre-Registered Format

This test could take up to several minutes. Please do not close the window during the test. Closing window/stopping test requires to rerun the test from step 1.

Purpose
The purpose of this test is to verify that the client system can process newly detected gaps in response to a Retransmit Request.

Contracts : 06AM0.06AJ0.06AM0-06AJ0 - 632 **Select**

Category	IP	Port
Incremental Feed A	224.0.25.101	11632
Incremental Feed B	224.0.25.101	11732
Snapshot MBP	224.0.25.127	19632
Snapshot MBO	224.0.25.254	20632
Instrument Replay	224.0.25.127	16632

Category	Link
Templates File:	templates_FixBinary.xml
Configuration File:	config.xml

Description	Flag	Status
1 Submit a two-sided Mass Quote (35=i) message having a quantity greater than 5.		Not Tested
2 Receive and process Quote Acknowledgement message.		Not Tested
3 Receive and process Execution Report - Partial Fill messages and detect sequence gap.		Not Tested
4 Submit a Retransmit Request message.		Not Tested
5 Receive and process Execution Report - Partial Fill messages and detect sequence gap.		Not Tested
6 Submit a Retransmit Request message.		Not Tested
7 Receive and process Execution Report - Partial Fill messages.		Not Tested
8 Submit a sequence message.		Not Tested
9 Receive and process a sequence message.		Not Tested
10 Submit a sequence message.		Not Tested

Key: not tested complete pending failed

REFRESH

▶ To run a Receiving and Processing Multiple Gaps (Mass Quote) test:

1. Select a **SenderComp** from the drop-down and select **ASSIGN** if a SenderComp is not already assigned.
2. From the **Contracts** drop-down, select the desired contract if the contract is not already locked.
3. Select the **START TEST** button.

Note: DO NOT select the **START TEST** button once the test is in progress.

4. Submit a two-sided [Mass Quote \(35=i\)](#) message having a quantity greater than 5.
5. Receive and process a [Quote Acknowledgment](#) message.
6. Receive and process [Execution Report - Trade Outright \[39=1 \(Partially Filled\)\]](#) messages and detect a sequence gap.
7. Submit a [Retransmit Request](#) message.
8. Receive and process Execution Report - Trade Outright [39=1 (Partially Filled)] messages and detect a sequence gap.
9. Submit a Retransmit Request message.
10. Receive and process Execution Report - Trade Outright [39=1 (Partially Filled)] messages.
11. Submit a [Sequence](#) message.
12. Receive and process a Sequence message.
13. Submit a Sequence message.

Bi-Directional Gap Scenario (Resend Orders) - (Day or FAK/FOK Orders)

The purpose of this test is to verify that the client system can process bi-directional gap Retransmit Request/Not Applied messages by resending orders.

Note: FOK functionality is not available for Futures and Options.

Pre-Registered or On-Demand Format

Note: This test is used for both Pre-Registered and On-Demand formats. The below image shows the Pre-Registered format version of the test.

Interview Test Suite **Test Case** Post Certification Help

Steps of the test: Bi-Directional Gap Scenario (Resend Orders) - (Day or FAK/FOK orders) for Pre-Registered Format

This test could take up to several minutes. Please do not close the window during the test. Closing window/stopping test requires to rerun the test from step1.

Purpose
The purpose of this test is to verify that the client system can process bi-directional gap Retransmit Request/Not Applied message by resending orders.

Contracts : **Select**

Category	IP	Port
Incremental Feed A	224.0.25.101	11632
Incremental Feed B	224.0.25.101	11732
Snapshot MBP	224.0.25.127	19632
Snapshot MBO	224.0.25.254	20632
Instrument Replay	224.0.25.127	16632

Category: Link:

Templates File:

Configuration File:

Description	Flag	Status
1 Over an iLink connection, submit 3 separate Limit Day Orders of the same side for the selected outright instrument		Not Tested
2 Receive and process an Execution Report - Confirmation/Acknowledgement.		Not Tested
3 Receive and process a Not Applied message.		Not Tested
4 Resend the Limit Day Orders		Not Tested
5 Receive and process an Execution Report - Confirmation/Acknowledgement messages and detect sequence gap.		Not Tested
6 Submit a Retransmit Request message.		Not Tested
7 Receive and process an Execution Report - Confirmation/Acknowledgement messages.		Not Tested
8 Submit a sequence message.		Not Tested
9 Receive and process a sequence message.		Not Tested
10 Submit a sequence message.		Not Tested

Key: not tested complete pending failed

REFRESH

► To run a Bi-Directional Gap Scenario (Resend Orders) - (Day or FAK/FOK orders) test:

1. Select a **SenderComp** from the drop-down and select **ASSIGN** if a SenderComp is not already assigned.
2. From the **Contracts** drop-down, select the desired contract if the contract is not already locked.
3. Select the **START TEST** button.

Note: DO NOT select the **START TEST** button once the test is in progress.

4. Over an iLink connection, submit 3 separate [Limit Day orders](#) of the same side for the selected outright instrument.
5. Receive and process an [Execution Report - New Order](#).
6. Receive and process a [Not Applied](#) message.
7. Resend the Limit Day orders.
8. Receive and process Execution Report - New Order messages and detect sequence.
9. Submit a [Retransmit Request](#) message.
10. Receive and process Execution Report - New Order messages.

11. Submit a [Sequence](#) message.
12. Receive and process a Sequence message.
13. Submit a Sequence message.

Bi-Directional Gap Scenario (Sequence Gap Fill) - (Day or FAK/FOK Orders)

The purpose of this test is to verify that the client system can process bi-directional gap Retransmit Request/Not Applied messages by sending a Sequence Reset-Gap Fill message.

Note: FOK functionality is not available for Futures and Options.

Pre-Registered or On-Demand Format

Note: This test is used for both Pre-Registered and On-Demand formats. The below image shows the Pre-Registered format version of the test.

Steps of the test: Bi-Directional Gap Scenario (Sequence Gap Fill) - (Day or FAK/FOK orders) for Pre-Registered Format

This test could take up to several minutes. Please do not close the window during the test. Closing window/stopping test requires to rerun the test from step1.

Purpose
The purpose of this test is to verify that the client system can process bi-directional gap Retransmit Request/Not Applied message by sending a Sequence Reset-Gap Fill message.

Contracts : 06AMO.06AJU.06AMO-06AJU - 632 **Select**

Category	IP	Port
Incremental Feed A	224.0.25.101	11632
Incremental Feed B	224.0.25.101	11732
Snapshot MBP	224.0.25.127	19632
Snapshot MBO	224.0.25.254	20632
Instrument Replay	224.0.25.127	16632

Category: Link:
 Templates File: templates_FixBinary.xml
 Configuration File: config.xml

Description	Flag	Status
1 Over an iLink connection, submit 4 separate Limit Day Orders for the selected outright instrument		Not Tested
2 Receive and process an Execution Report - Confirmation/Acknowledgement messages and detect sequence gap.		Not Tested
3 Submit a Retransmit Request message.		Not Tested
4 Receive and process an Execution Report - Confirmation/Acknowledgement messages.		Not Tested
5 Receive and process a Not Applied message.		Not Tested
6 Submit a Sequence Reset - Gap fill message.		Not Tested
7 Submit a sequence message.		Not Tested
8 Receive and process a sequence message.		Not Tested
9 Submit a sequence message.		Not Tested

Key: not tested complete pending failed

REFRESH

To run a Bi-Directional Gap Scenario (Sequence Gap Fill) - (Day or FAK/FOK Orders) fill test:

1. Select a **SenderComp** from the drop-down and select **ASSIGN** if a SenderComp is not already assigned.
2. From the **Contracts** drop-down, select the desired contract if the contract is not already locked.
3. Select the **START TEST** button.

Note: DO NOT select the **START TEST** button once the test is in progress.

4. Over an iLink connection, submit 4 separate [Limit Day Orders](#) for the selected outright instrument.
5. Receive and process [Execution Report - New Order](#) messages and detect sequence gap.
6. Submit a [Retransmit Request](#) message.
7. Receive and process an Execution Report - New Order messages.
8. Receive and process a [Not Applied](#) message.

9. Submit a [Sequence](#) Reset - Gap fill message.
10. Submit a Sequence message.
11. Receive and process a Sequence message.
12. Submit a Sequence message.

Bi-Directional Gap Scenario (Resend Mass Quotes)

The purpose of this test is to verify that the client system can process bi-directional gap Retransmit Request/Not Applied messages for mass quotes.

Pre-Registered or On-Demand Format



Note: This test is used for both Pre-Registered and On-Demand formats. The below image shows the Pre-Registered format version of the test.

Interview Test Suite **Test Case** Post Certification Help

Steps of the test: Bi-Directional Gap Scenario (Resend Mass Quotes) for Pre-Registered Format

This test could take up to several minutes. Please do not close the window during the test. Closing window/stopping test requires to rerun the test from step 1.

Purpose
The purpose of this test is to verify that the client system can process bi-directional gap Retransmit Request/Not Applied message by mass quotes.

Contracts :

Category	IP	Port
Incremental Feed A	224.0.25.101	11632
Incremental Feed B	224.0.25.101	11732
Snapshot MBP	224.0.25.127	19632
Snapshot MBO	224.0.25.254	20632
Instrument Replay	224.0.25.127	16632

Category Link

Templates File:

Configuration File:

Description	Flag	Status
1 Over an iLink connection, submit 3 separate two-sided Mass quote(35=i) messages.		Not Tested
2 Receive and process Mass Quote Acknowledgement messages.		Not Tested
3 Receive and process a Not Applied message.		Not Tested
4 Resend Mass quote messages.		Not Tested
5 Receive and process Mass Quote Acknowledgement messages and detect sequence gap.		Not Tested
6 Submit a Retransmit Request message.		Not Tested
7 Receive and process Mass Quote Acknowledgement messages.		Not Tested
8 Submit a sequence message.		Not Tested
9 Receive and process a sequence message.		Not Tested
10 Submit a sequence message.		Not Tested

Key: not tested complete pending failed



To run a Bi-Directional Gap Scenario (Resend Mass Quotes) test:

1. Select a **SenderComp** from the drop-down and select **ASSIGN** if a SenderComp is not already assigned.
2. From the **Contracts** drop-down, select the desired contract if the contract is not already locked.
3. Select the **START TEST** button.



Note: DO NOT select the **START TEST** button once the test is in progress.

4. Over an iLink connection, submit 3 separate two-sided [Mass Quote \(35=i\)](#) messages
5. Receive and process [Mass Quote Acknowledgment](#) messages.
6. Receive and process a [Not Applied](#) message.
7. Resend Mass Quote messages.
8. Receive and process Mass Quote Acknowledgment messages and detect sequence gap.

9. Submit a [Retransmit Request](#) message.
10. Receive and process Mass Quote Acknowledgment messages.
11. Submit a [Sequence](#) message.
12. Receive and process a Sequence message.
13. Submit a Sequence message.

Bi-Directional Gap Scenario (Sequence Gap Fill for Mass Quotes)

The purpose of this test is to verify that the client system can process bi-directional gap Retransmit Request/Not Applied messages by sending a [Sequence](#) Reset-Gap Fill message for mass quotes.

Pre-Registered or On-Demand Format

Note: This test is used for both Pre-Registered and On-Demand formats. The below image shows the Pre-Registered format version of the test.

Steps of the test: Bi-Directional Gap Scenario (Sequence Gap Fill for Mass Quotes) for Pre-Registered Format

This test could take up to several minutes. Please do not close the window during the test. Closing window/stopping test requires to rerun the test from step 1.

Purpose
The purpose of this test is to verify that the client system can process bi-directional gap Retransmit Request/Not Applied message by sending a Sequence Reset-Gap Fill message for mass quotes.

Contracts : Select

Category	IP	Port
Incremental Feed A	224.0.25.101	11632
Incremental Feed B	224.0.25.101	11732
Snapshot MBP	224.0.25.127	19632
Snapshot MBO	224.0.25.254	20632
Instrument Replay	224.0.25.127	16632

Category: Link: [templates_FixBinary.xml](#)
 Templates File: [config.xml](#)

Description	Flag	Status
1 Over an iLink connection, submit 4 separate two-sided Mass quote(35=i) messages.		Not Tested
2 Receive and process Mass Quote Acknowledgement messages.		Not Tested
3 Submit a Retransmit Request message.		Not Tested
4 Receive and process Mass Quote Acknowledgement messages.		Not Tested
5 Receive and process a Not Applied message.		Not Tested
6 Submit a Sequence Reset - Gap fill message.		Not Tested
7 Submit a sequence message.		Not Tested
8 Receive and process a sequence message.		Not Tested
9 Submit a sequence message.		Not Tested

Key: not tested complete pending failed

REFRESH

▶ To run a Bi-Directional Gap Scenario (Sequence Gap Fill for Mass Quotes) test:

1. Select a **SenderComp** from the drop-down and select **ASSIGN** if a SenderComp is not already assigned.
2. From the **Contracts** drop-down, select the desired contract if the contract is not already locked.
3. Select the **START TEST** button.

Note: DO NOT select the **START TEST** button once the test is in progress.

4. Over an iLink connection, submit 4 separate two-sided [Mass quote \(35=i\)](#) messages
5. Receive and process [Mass Quote Acknowledgment](#) messages.
6. Submit a [Retransmit Request](#) message
7. Receive and process Mass Quote Acknowledgment messages.
8. Receive and process a [Not Applied](#) message.

9. Submit a [Sequence](#) Reset - Gap fill message
10. Submit a Sequence message.
11. Receive and process a Sequence message.
12. Submit a Sequence message.

Real-Time Message Tests

This section contains information on the Real-Time message tests.

Process Real-Time Messages During a Resend Response from CME Globex

The purpose of this test is to verify that the client system can receive out-of-sequence messages with message interleaving.

Pre-Registered or On-Demand Format



Note: This test is used for both Pre-Registered and On-Demand formats. The below image shows the Pre-Registered format version of the test.

Interview Test Suite **Test Case** Post Certification Help

Steps of the test: Process real-time messages during a Resend Response from CME Globex for Pre-Registered format

This test could take up to several minutes. Please do not close the window during the test. Closing window/stopping test requires to rerun the test from step 1.

Purpose
The purpose of this test is to verify that the client system can receive out-of-sequence messages with message interleaving.

Selected Contract: UB7#_5/8_03/27-700 **Unlock**

Category	IP	Port
Incremental Premium Feed A	233.143.214.5	15700
Incremental Premium Feed B	233.143.214.132	16700
Incremental Conflated Feed A	233.143.214.19	15701
Incremental Conflated Feed B	233.143.214.147	16701
Premium Snapshot MBP	233.143.214.6	22700
Conflated Snapshot MBP & MBOLD	233.143.214.20	22701
Instrument Replay Premium	233.143.214.7	
Instrument Replay Conflated	233.143.214.21	14701
TCP Conflated Feed		

Category	Link
Templates File:	templates_FixBinary.xml
Premium Configuration File:	config.xml
Conflated Configuration File:	config.xml
TCP Session Management SBE Schema:	templates_MdoSessionMgmt.xml

Note: Press the Start Test button to start or restart a Test. Please do not press the Start Test button again if you are currently running this test.

START TEST

Description	Flag	Status
1 Over the MSGW connection, submit three separate Limit Day Orders for a selected instrument.		Not Tested
2 Receive and process an Execution Report - Confirmation/Acknowledgement message and detect sequence gap.		Not Tested
3 Submit a Retransmit Request message.		Not Tested
4 Receive real-time interleaved messages with Retransmission and process an Execution Report - Confirmation/Acknowledgement.		Not Tested
5 Submit a sequence message.		Not Tested
6 Receive and process a sequence message.		Not Tested
7 Submit a sequence message.		Not Tested

Key: ● not tested ● complete ● pending ● failed

REFRESH



To run a Process Real-Time Messages During a Resend Response from CME Globex test:

1. Select a **SenderComp** from the drop-down and select **ASSIGN** if a SenderComp is not already assigned.
2. From the **Contracts** drop-down, select the desired contract if the contract is not already locked.
3. Select the **START TEST** button.



Note: DO NOT select the **START TEST** button once the test is in progress.

4. Over the MSGW connection, submit three separate [Limit Day Orders](#) for the selected outright instrument.
5. Receive and process an [Execution Report - New Order](#) message and detect sequence gap.
6. Submit a [Retransmit Request](#) message.
7. Receive real-time interleaved messages with Retransmission and process an Execution Report - New Order message.
8. Submit a [Sequence](#) message.

9. Receive and process a Sequence message.
10. Submit a Sequence message.

Process Real-Time Messages for FAK/FOK During a Resend Response from CME Globex

The purpose of this test is to verify that the client system can receive out-of-sequence messages with message interleaving.

Note: FOK functionality is not available for Futures and Options.

Pre-Registered or On-Demand Format

Note: This test is used for both Pre-Registered and On-Demand formats. The below image shows the Pre-Registered format version of the test.

Interview Test Suite **Test Case** Post Certification Help

Steps of the test: Process real-time messages for FAK/FOK during a Resend Response from CME Globex for Pre-Registered format

This test could take up to several minutes. Please do not close the window during the test. Closing window/stopping test requires to rerun the test from step 1.

Purpose
The purpose of this test is to verify that the client system can receive out-of-sequence messages with message interleaving.

Selected Contract: UB7#_5/8_03/27-700 **Unlock**

Category	IP	Port
Incremental Premium Feed A	233.143.214.5	15700
Incremental Premium Feed B	233.143.214.132	16700
Incremental Confated Feed A	233.143.214.19	15701
Incremental Confated Feed B	233.143.214.147	16701
Premium Snapshot MBP	233.143.214.6	22700
Premium Snapshot MBO	233.143.214.6	20700
Confated Snapshot MBP & MBOLD	233.143.214.20	22701
Instrument Replay Premium	233.143.214.7	
Instrument Replay Confated	233.143.214.21	14701
TCP Confated Feed		

Category	Link
Templates File:	templates_FixBinary.xml
Premium Configuration File:	config.xml
Confated Configuration File:	config.xml
TCP Session Management SBE Schema:	templates_MdcSessionMgmt.xml

Note: Press the Start Test button to start or restart a Test. Please do not press the Start Test button again if you are currently running this test. **START TEST**

Description	Flag	Status
1 Over the MSGW connection, submit 3 separate FAK/FOK Day Orders for a selected instrument.		Not Tested
2 Receive and process an Execution Report - Confirmation/Acknowledgement message and detect sequence gap.		Not Tested
3 Submit a Retransmit Request message.		Not Tested
4 Receive real-time interleaved messages with Retransmission and process an Execution Report - Confirmation/Acknowledgement.		Not Tested
5 Submit a sequence message.		Not Tested
6 Receive and process a sequence message.		Not Tested
7 Submit a sequence message.		Not Tested

Key: ● not tested ● complete ● pending ● failed

REFRESH

To run a Process Real-Time Messages for FAK/FOK During a Resend Response from CME Globex test:

1. Select a **SenderComp** from the drop-down and select **ASSIGN** if a SenderComp is not already assigned.
2. From the **Contracts** drop-down, select the desired contract if the contract is not already locked.
3. Select the **START TEST** button.

Note: DO NOT select the **START TEST** button once the test is in progress.

4. Over the MSGW connection, submit 3 separate [FAK/FOK Orders](#) for the selected outright instrument.
5. Receive and process an [Execution Report - New Order](#) message and detect sequence gap.
6. Submit a [Retransmit Request](#) message.
7. Receive real-time interleaved messages with Retransmission and process an Execution Report - New Order message.

8. Submit a [Sequence](#) message.
9. Receive and process a Sequence message.
10. Submit a Sequence message.

Process Real-Time Mass Quote Messages During a Resend Response from CME Globex

The purpose of this test is to verify that Mass Quoting systems can receive out-of-sequence messages with message interleaving.

Pre-Registered or On-Demand Format

Note: This test is used for both Pre-Registered and On-Demand formats. The below image shows the Pre-Registered format version of the test.

Steps of the test: Process real-time Mass Quote messages during a Resend Response from CME Globex for Pre-Registered format

This test could take up to several minutes. Please do not close the window during the test. Closing window/stopping test requires to rerun the test from step 1.

Purpose
The purpose of this test is to verify that Mass Quoting systems can receive out-of-sequence messages with message interleaving.

Selected Contract: BBOND#_5_0_03/35 -709 Unlock

Category	IP	Port
Incremental Premium Feed A	233.143.214.12	15709
Incremental Premium Feed B	233.143.214.140	16709
Incremental Confated Feed A	233.143.214.27	15710
Incremental Confated Feed B	233.143.214.155	16710
Premium Snapshot MBP	233.143.214.14	22709
Premium Snapshot MBO	233.143.214.13	20709
Confated Snapshot MBP & MBOLD	233.143.214.28	22710
Instrument Replay Premium	233.143.214.15	14709
Instrument Replay Confated	233.143.214.29	14710
TCP Confated Feed		

Category	Link
Templates File:	templates_FixBinary.xml
Premium Configuration File:	config.xml
Confated Configuration File:	config.xml
TCP Session Management SBE Schema:	templates_MdoSessionMgmt.xml

Note: Press the Start Test button to start or restart a Test. Please do not press the Start Test button again if you are currently running this test. START TEST

Description	Flag	Status
1 Over the MSGW connection, submit a two-sided Mass Quote (35=i) for at least 2 quotes from the same instrument group, each having a quantity greater than 10		Not Tested
2 Receive and process Execution Report - Fill notice and detect sequence gap.		Not Tested
3 Submit a Retransmit Request message.		Not Tested
4 Receive real-time interleaved messages with Retransmission and process a Mass Quote Acknowledgement message		Not Tested
5 Submit a sequence message.		Not Tested
6 Receive and process a sequence message.		Not Tested
7 Submit a sequence message.		Not Tested

REFRESH

Key: not tested complete pending failed

To run a Process Real-Time Mass Quote Messages During a Resend Response from CME Globex test:

1. Select a **SenderComp** from the drop-down and select **ASSIGN** if a SenderComp is not already assigned.
2. From the **Contracts** drop-down, select the desired contract if the contract is not already locked.
3. Select the **START TEST** button.

Note: DO NOT select the **START TEST** button once the test is in progress.

4. Over the MSGW connection, submit a two-sided [Mass Quote \(35=i\)](#) for at least 2 quotes from the same selected out-right instrument group, each having a quantity greater than 10.
5. Receive and process [Mass Quote Acknowledgment](#) message and detect sequence gap.
6. Submit a [Retransmit Request](#) message.

7. Receive real-time interleaved messages with Retransmission and process Mass Quote Acknowledgment message(s).
8. Submit a [Sequence](#) message.
9. Receive and process a sequence message.
10. Submit a sequence message.

Business Layer Tests

This section contains information on the Business Layer tests.

AON Order

The purpose of this test is to verify that your application can perform the following for an outright instrument:

- submit an AON limit order
- receive and process the Execution Reports (Ack)

Pre-Registered or On-Demand Format

Note: This test is used for both Pre-Registered and On-Demand formats. The below image shows the Pre-Registered format version of the test.

Steps of the test: AON Order Test for Pre-Registered format

This test could take up to several minutes. Please do not close the window during the test. Closing window/stopping test requires to rerun the test from step 1.

Purpose
The purpose of this test is to verify that your application can submit an AON limit order and receive and process the Execution Reports (Ack, Fill, Elimination, Correction, Bust) for an outright instrument.

Selected Contract : U2-25#DLHKGKFKRZUA-715 **Unlock**

Category	IP	Port
TCP Conflated Feed		

Category	Link
Templates File:	templates_FixBinary.xml
TCP Session Management SBE Schema:	templates_MdoSessionMgmt.xml

Note: Press the Start Test button to start or restart a Test. Please do not press the Start Test button again if you are currently running this test. **START TEST**

Description	Flag	Status
1 Over an iLink connection, send an AON Order message for AON instrument with a quantity greater than 100 for the selected AON instrument		Not Tested
2 Receive and Process Execution Report - New Order message		Not Tested

REFRESH

Key: not tested complete pending failed

Note: If a test is not proceeding to the next step, selecting the Refresh button (**REFRESH**) below the test steps may resolve the issue.

To run an AON Order test:

1. Select a **SenderComp** from the drop-down and select **ASSIGN** if a SenderComp is not already assigned.
2. From the **Contracts** drop-down, select the desired contract if the contract is not already locked.
3. Select the **START TEST** button.

Note: DO NOT select the **START TEST** button once the test is in progress.

4. Over an iLink connection, send an [AON Order](#) message for AON instrument with a quantity greater than 100 for the selected AON instrument.
5. Select **Yes** or **No** to indicate whether your system received and processed the [Execution Report - New Order](#) message.

Bilateral Trade

The purpose of this test is to verify that the client system can process the bi-lateral specific workflow.

Pre-Registered or On-Demand Format



Note: This test is used for both Pre-Registered and On-Demand formats. The below image shows the Pre-Registered format version of the test.

Interview Test Suite **Test Case** Post Certification Help

Steps of the test: Bilateral trade for Pre-Registered format

This test could take up to several minutes. Please do not close the window during the test. Closing window/stopping test requires to rerun the test from step1.

Purpose
The purpose of this test is to verify that the client system can process bi-lateral specific workflow.

Selected Contract : DEDUS#F8DYD6DREUTR -720 **Unlock**

Category	IP	Port
TCP Correlated Feed		

Category	Link
Templates File:	templates_FixBinary.xml
TCP Session Management SBE Schema:	templates_MiscSessionMgmt.xml

Note: Press the Start Test button to start or restart a Test. Please do not press the Start Test button again if you are currently running this test. **START TEST**

Description	Flag	Status
1 Over an iLink connection, submit Limit order		Not Tested
2 Receive and process Execution Report - New Order		Not Tested
3 Receive and process Execution Report - Trade Outright		Not Tested
4 Send Accept Execution Acknowledgement message (35=BN)		Not Tested
5 Over an iLink connection, submit Limit order		Not Tested
6 Receive and process Execution Report - New Order		Not Tested
7 Receive and process Execution Report - Trade Outright		Not Tested
8 Send reject acknowledgement message (35=BN)		Not Tested

Key: not tested complete pending failed

REFRESH



Note: If a test is not proceeding to the next step, selecting the Refresh button (**REFRESH**) below the test steps may resolve the issue.



To run a Bilateral Trade test:

1. Select a **SenderComp** from the drop-down and select **ASSIGN** if a SenderComp is not already assigned.
2. From the **Contracts** drop-down, select the desired contract if the contract is not already locked.
3. Select the **START TEST** button.



Note: **DO NOT** select the **START TEST** button once the test is in progress.

4. Over an iLink connection, submit a [Limit order](#).
5. Select **Yes** or **No** to indicate whether your system received and processed the [Execution Report - New Order](#).
6. Receive and process [Execution Report - Trade Outright](#).
7. Send Accept [Execution Acknowledgement \(35=BN\)](#) message.
8. Over an iLink connection, submit a Limit order.
9. Receive and process Execution Report - New Order.
10. Receive and process Execution Report - Trade Outright.
11. Send Reject Execution Acknowledgement (35=BN) message.

Cancel/Replace with IFM

The purpose of this test is to verify that the client system can submit an order and then modify it several times (quantity only) with [in-flight mitigation \(IFM\)](#).

Pre-Registered or On-Demand Format



Note: This test is used for both Pre-Registered and On-Demand formats. The below image shows the Pre-Registered format version of the test.

Interview Test Suite **Test Case** Post Certification Help

Steps of the test: Cancel Replace with IFM for Pre-Registered Format

This test could take up to several minutes. Please do not close the window during the test. Closing window/stopping test requires to rerun the test from step 1.

Purpose
The purpose of this test is to verify that the client system can submit an order and then modify it several times (quantity only) with IFM.

Contracts : 0ZWK1.0ZWN1.0ZWK1.0ZWN1 - 659 Select

Category	IP	Port
Incremental Feed A	224.0.28.122	11659
Incremental Feed B	224.0.25.101	11759
Snapshot MBP	224.0.28.79	19659
Snapshot MBO	224.0.25.254	20659
Instrument Replay	224.0.28.122	16659

Category: [Link](#)
 Templates File: [templates_FixBinary.xml](#)
 Configuration File: [config.xml](#)

Description	Flag	Status
1 Over an iLink connection, submit a Limit Day Order for the instrument with a quantity greater than 100		Not Tested
2 Receive and process Execution Report - New Order		Not Tested
3 Receive and process Execution Report - Trade Outright (Partial Fill)		Not Tested
4 Submit an Order Cancel-Replace Request for the instrument, increasing the quantity		Not Tested
5 Receive and process an Execution Report - Modify		Not Tested
6 Receive and process Execution Report - Trade Outright (Partial Fill)		Not Tested
7 Submit an Order Cancel-Replace Request for the instrument, decreasing the quantity by 2		Not Tested
8 Receive and process Execution Report - Trade Outright (Filled)		Not Tested
9 Receive and process Order Cancel Replace Reject		Not Tested

Key: not tested complete pending failed

REFRESH



Note: If a test is not proceeding to the next step, selecting the Refresh button (REFRESH) below the test steps may resolve the issue.



To run a Cancel Replace with IFM test:

1. Select a **SenderComp** from the drop-down and select **ASSIGN** if a SenderComp is not already assigned.
2. From the **Contracts** drop-down, select the desired contract if the contract is not already locked.
3. Select the **START TEST** button.



Note: DO NOT select the **START TEST** button once the test is in progress.

4. Over an iLink connection, submit a [Limit Day Order](#) for the instrument with a quantity greater than 100.
5. Select **Yes** or **No** to indicate whether your system received and processed the [Execution Report - New Order](#).
6. Enter the following tag values to indicate that your system received and processed the [Execution Report - Trade Outright \(Partial Fill\)](#):
 - tag 31-LastPx
 - tag 151-LeavesQty
6. Submit an [Order Cancel-Replace Request](#) for the instrument, increasing the quantity.
7. Select **Yes** or **No** to indicate whether your system received and processed the [Execution Report - Modify](#).
8. Enter the tag 151-LeavesQty value to indicate that your system received the Execution Report - Trade Outright (Partial Fill).

9. Submit an Order Cancel-Replace Request for the instrument, decreasing the quantity by 2.
10. Select **Yes** or **No** to indicate whether your system received and processed the Execution Report - Trade Outright (Filled).
11. Select **Yes** or **No** to indicate whether your system received and processed the [Order Cancel Replace Reject](#).

Create a Tailor Made US Repo and Send an Order on the Newly Created Instrument

The purpose of this test is to verify that your application can perform the following for newly created instrument:

- create a User-Defined instrument
- send a New Order and a Cancel Request for the newly created instrument

Pre-Registered or On-Demand Format



Note: This test is used for both Pre-Registered and On-Demand formats. The below image shows the Pre-Registered format version of the test.

Interview Test Suite **Test Case** Post Certification Help

Steps of the test: Create a Tailor made US Repo and send an order on the newly created Instrument for Pre-Registered format

This test could take up to several minutes. Please do not close the window during the test. Closing window/stopping test requires to rerun the test from step 1.

Purpose
The Purpose of this test is to verify that your application can create a User-Defined instrument and send a New Order and a Cancel Request on newly created instrument.

Selected Contract: U2-25#UQ3A56A2GM0X-715 **Unlock**

Category	IP	Port
TCP Confated Feed		
Category	Link	
Templates File:	templates_FixBinary.xml	
TCP Session Management SBE Schema:	templates_MdpSessionMgmt.xml	

Note: Press the Start Test button to start or restart a Test. Please do not press the Start Test button again if you are currently running this test. **START TEST**

Description	Flag	Status
1 Send a Security Definition Request to create a tailor made US repo instrument using the locked instrument. MaxNoOfSubstitutions (tag 37715) is required for US Repo		Not Tested
2 Receive and Process Security Definition Response acknowledging the reception of the Security Definition Request message and creation of the user defined security		Not Tested
3 Send an order on the user defined repo created in step 2		Not Tested
4 Receive and Process Execution Report - New Order message for the order sent in step 3		Not Tested
5 Send a Cancel Request message on the order sent in step 3		Not Tested
6 Receive and Process Execution Report - Cancel for Cancel Request submitted in step 5		Not Tested

Key: not tested complete pending failed

REFRESH



Note: If a test is not proceeding to the next step, selecting the Refresh button (**REFRESH**) below the test steps may resolve the issue.



To run a Create a Tailor Made Repo and Send an Order on the Newly Created Instrument test:

1. Select a **SenderComp** from the drop-down and select **ASSIGN** if a SenderComp is not already assigned.
2. From the **Contracts** drop-down, select the desired contract if the contract is not already locked.
3. Select the **START TEST** button.



Note: DO NOT select the **START TEST** button once the test is in progress.

4. Send a [Security Definition Request](#) to create a tailor made US repo instrument using the locked instrument. MaxNoOfSubstitutions (tag 37715) is required for US Repo.
5. Select **Yes** or **No** to indicate whether your system received and processed the [Security Definition Response Response](#) acknowledging the reception of the Security Definition Request message and creation of the user defined security.
6. Send an order on the user defined repo created in step 2.
7. Select **Yes** or **No** to indicate whether your system received and processed the [Execution Report - New Order](#) message for the order sent in step 3.



Note: The following steps are not used for FAK only and FOK only systems.

8. Send a [Order Cancel Request](#) message on the order sent in step 3.
9. Select **Yes** or **No** to indicate whether your system received and processed the [Execution Report - Cancel](#) for the Cancel Request submitted in step 5.

Create a Tailor Made EU Repo and Send an Order on the Newly Created Instrument

The purpose of this test is to verify that your application can perform the following for newly created instrument:

- create a User-Defined instrument
- send a New Order and a Cancel Request for the newly created instrument

Pre-Registered or On-Demand Format



Note: This test is used for both Pre-Registered and On-Demand formats. The below image shows the Pre-Registered format version of the test.

Interview Test Suite **Test Case** Post Certification Help

Steps of the test: Create a Tailor made EU Repo and send an order on the newly created instrument for Pre-Registered format

This test could take up to several minutes. Please do not close the window during the test. Closing window/stopping test requires to rerun the test from step 1.

Purpose
The Purpose of this test is to verify that your application can create a User-Defined instrument and send a New Order and a Cancel Request on newly created instrument.

Selected Contract: DEDUSHXBVFSHXDXMLV-720 **Unlock**

Category	IP	Port
TCP Confated Feed		
Category	Link	
Templates File:	templates_FixBinary.xml	
TCP Session Management SBE Schema:	templates_MdcSessionMgmt.xml	

Note: Press the Start Test button to start or restart a Test. Please do not press the Start Test button again if you are currently running this test.

START TEST

Description	Flag	Status
1 Send a Security Definition Request to create a tailor made repo instrument for EU Repo using the locked instrument		Not Tested
2 Receive and Process Security Definition Response acknowledging the reception of the Security Definition Request message and creation of the user defined security		Not Tested
3 Send an order on the user defined repo created in step 2		Not Tested
4 Receive and Process Execution Report - New Order message for the order sent in step 3		Not Tested
5 Send a Cancel Request message on the order sent in step 3		Not Tested
6 Receive and Process Execution Report - Cancel for Cancel Request submitted in step 5		Not Tested

REFRESH

Keys: not tested complete pending failed



Note: If a test is not proceeding to the next step, selecting the Refresh button (**REFRESH**) below the test steps may resolve the issue.



To run a Create a Tailor Made Repo and Send an Order on the Newly Created Instrument test:

1. Select a **SenderComp** from the drop-down and select **ASSIGN** if a SenderComp is not already assigned.
2. From the **Contracts** drop-down, select the desired contract if the contract is not already locked.
3. Select the **START TEST** button.



Note: DO NOT select the **START TEST** button once the test is in progress.

4. Send a [Security Definition Request](#) to create a tailor made EU repo using the locked instrument.
5. Select **Yes** or **No** to indicate whether your system received and processed the [Security Definition Response](#) acknowledging the reception of the Security Definition Request message and creation of the user defined security.
6. Send an order on the user defined repo created in step 2.
7. Select **Yes** or **No** to indicate whether your system received and processed the [Execution Report - New Order](#) message for the order sent in step 3.



Note: The following steps are not used for FAK only and FOK only systems.

8. Send a [Order Cancel Request](#) message on the order sent in step 3.
9. Select **Yes** or **No** to indicate whether your system received and processed the [Execution Report - Cancel](#) for the Cancel Request submitted in step 5.

FAK Limit Order

The purpose of this test is to verify that the client system can perform the following for an outright instrument:

- submit and cancel an FAK limit order
- receive and process the Acknowledgment and Fill messages

Pre-Registered or On-Demand Format



Note: This test is used for both Pre-Registered and On-Demand formats. The below image shows the Pre-Registered format version of the test.

Interview Test Suite **Test Case** Post Certification Help

Steps of the test: FAK Limit Order Test for Pre-Registered format

This test could take up to several minutes. Please do not close the window during the test. Closing window/stopping test requires to rerun the test from step 1.

Purpose
The purpose of this test is to verify the client system can submit and cancel an FAK limit order and receive and process the Acknowledgment and Fill messages for an outright instrument.

Selected Contract : UB30#_2_02/50 -700 **Unlock**

Category	IP	Port
Incremental Premium Feed A	233.143.214.5	15700
Incremental Premium Feed B	233.143.214.132	16700
Incremental Confated Feed A	233.143.214.19	15701
Incremental Confated Feed B	233.143.214.147	16701
Premium Snapshot MBP	233.143.214.6	22700
Premium Snapshot MBO	233.143.214.6	20700
Confated Snapshot MBP & MBOLD	233.143.214.20	22701
Instrument Replay Premium	233.143.214.7	
Instrument Replay Confated	233.143.214.21	14701
TCP Confated Feed		

Category	Link
Templates File:	templates_FixBinary.xml
Premium Configuration File:	config.xml
Confated Configuration File:	config.xml
TCP Session Management SBE Schema:	templates_MdpSessionMgmt.xml

Note: Press the Start Test button to start or restart a Test. Please do not press the Start Test button again if you are currently running this test. **START TEST**

Description	Flag	Status
1 Over an iLink connection, submit FAK Order message with a quantity greater than 1000		Not Tested
2 Receive and Process Execution Report - New Order message		Not Tested
3 Receive and Process Execution Report - Trade Outright message		Not Tested

Key: not tested complete pending failed

REFRESH



Note: If a test is not proceeding to the next step, selecting the Refresh button (**REFRESH**) below the test steps may resolve the issue.



To run an FAK Limit Order test:

1. Select a **SenderComp** from the drop-down and select **ASSIGN** if a SenderComp is not already assigned.
2. From the **Contracts** drop-down, select the desired contract if the contract is not already locked.
3. Select the **START TEST** button.



Note: DO NOT select the **START TEST** button once the test is in progress.

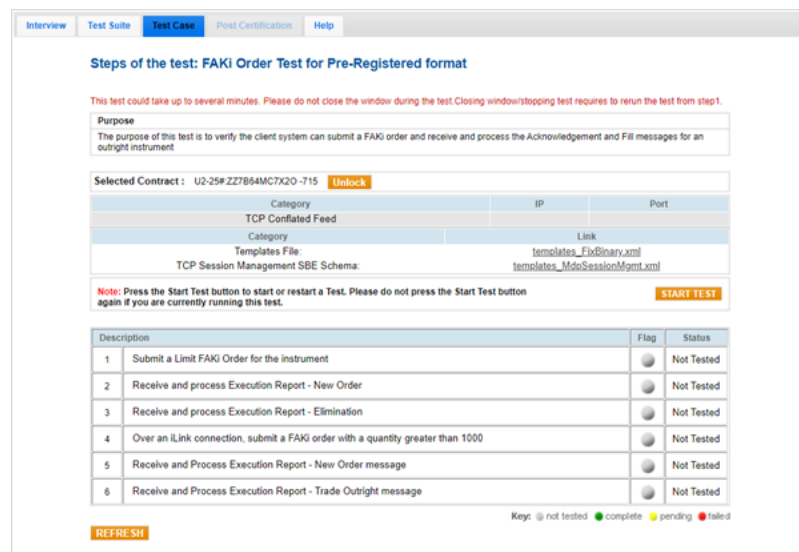
4. Over an iLink connection, submit an [FAK Order](#) message with a quantity greater than 10.
5. Select **Yes** or **No** to indicate whether your system received and processed the [Execution Report - New Order](#) message.
6. Select **Yes** or **No** to indicate whether your system received and processed the [Execution Report - Trade Outright](#) message.

FAKi Order

The purpose of this test is to verify that the client system can perform the following for an outright instrument:

- submit an FAKi order
- receive and process the Acknowledgment and Fill messages

Pre-Registered Format



Steps of the test: FAKi Order Test for Pre-Registered format

This test could take up to several minutes. Please do not close the window during the test. Closing window/stopping test requires to rerun the test from step 1.

Purpose
The purpose of this test is to verify the client system can submit a FAKi order and receive and process the Acknowledgment and Fill messages for an outright instrument

Selected Contract : U2-25#Z27B64MC7X20-715 **Unlock**

Category	IP	Port
TCP Confated Feed		

Link: templates_FixBinary.xml

TCP Session Management SBE Schema: templates_MdscSessionMgmt.xml

Note: Press the Start Test button to start or restart a Test. Please do not press the Start Test button again if you are currently running this test. **START TEST**

Description	Flag	Status
1 Submit a Limit FAKi Order for the instrument		Not Tested
2 Receive and process Execution Report - New Order		Not Tested
3 Receive and process Execution Report - Elimination		Not Tested
4 Over an iLink connection, submit a FAKi order with a quantity greater than 1000		Not Tested
5 Receive and Process Execution Report - New Order message		Not Tested
6 Receive and Process Execution Report - Trade Outright message		Not Tested

REFRESH

Key: not tested complete pending failed

Note: If a test is not proceeding to the next step, selecting the Refresh button (**REFRESH**) below the test steps may resolve the issue.

To run a FAKi Order Pre-Registered Format test:

1. Select a **SenderComp** from the drop-down and select **ASSIGN** if a SenderComp is not already assigned.
2. From the **Contracts** drop-down, select the desired contract if the contract is not already locked.
3. Select the **START TEST** button.

Note: DO NOT select the **START TEST** button once the test is in progress.

4. Submit a [Limit FAKi Order](#) for the instrument
5. Select **Yes** or **No** to indicate whether your system received and processed the [Execution Report - New Order](#).
6. Select **Yes** or **No** to indicate whether your system received and processed the [Execution Report - Elimination](#).
7. Over an iLink connection, submit a FAKi order with a quantity greater than 1000.
8. Select **Yes** or **No** to indicate whether your system received and processed the Execution Report - New Order message.
9. Select **Yes** or **No** to indicate whether your system received and processed the [Execution Report - Trade Outright](#) message.

On-Demand Format

Interview Test Suite **Test Case** Post Certification Help

Steps of the test: FAKi Order Test for On-Demand format

This test could take up to several minutes. Please do not close the window during the test. Closing window/stopping test requires to rerun the test from step1.

Purpose
The purpose of this test is to verify the client system can submit a FAKi order and receive and process the Acknowledgement and Fill messages for an outright instrument.

Selected Contract: U2-25#UQ3A6A2GMOX-715 **Unlock**

Category	IP	Port
TCP Confated Feed		
Category	Link	
Templates File:	templates_FixBinary.xml	
TCP Session Management SBE Schema:	templates_MdpSessionMgmt.xml	

Note: Press the Start Test button to start or restart a Test. Please do not press the Start Test button again if you are currently running this test. **START TEST**

Description	Flag	Status
1 Submit a Limit FAKi Order for the instrument		Not Tested
2 Receive and process Execution Report - New Order		Not Tested
3 Receive and process Execution Report - Elimination		Not Tested
4 Over an iLink connection, submit a FAKi order with a quantity greater than 1		Not Tested
5 Receive and Process Execution Report - New Order message		Not Tested
6 Receive and Process Execution Report - Trade Outright message		Not Tested

Key: not tested complete pending failed

REFRESH

Note: If a test is not proceeding to the next step, selecting the Refresh button (**REFRESH**) below the test steps may resolve the issue.

To run a FAKi Order On-Demand Format test:

1. Select a **SenderComp** from the drop-down and select **ASSIGN** if a SenderComp is not already assigned.
2. From the **Contracts** drop-down, select the desired contract if the contract is not already locked.
3. Select the **START TEST** button.

Note: **DO NOT** select the **START TEST** button once the test is in progress.

4. Submit a [Limit FAKi Order](#) for the instrument
5. Select **Yes** or **No** to indicate whether your system received and processed the [Execution Report - New Order](#).
6. Select **Yes** or **No** to indicate whether your system received and processed the [Execution Report - Elimination](#).
7. Over an iLink connection, submit a FAKi order with a quantity greater than 1.
8. Select **Yes** or **No** to indicate whether your system received and processed the Execution Report - New Order message.
9. Select **Yes** or **No** to indicate whether your system received and processed the [Execution Report - Trade Outright](#) message.

FAKiMin Order

The purpose of this test is to verify the client system can perform the following for an outright instrument:

- submit an FAKiMin order
- receive and process the Acknowledgement and Fill messages

Pre-Registered or On-Demand Format

Note: This test is used for both Pre-Registered and On-Demand formats. The below image shows the Pre-Registered format version of the test.

Steps of the test: FAKiMin Order Test for Pre-Registered format

This test could take up to several minutes. Please do not close the window during the test. Closing window/stopping test requires to rerun the test from step1.

Purpose
The purpose of this test is to verify the client system can submit a FAKiMin order and receive and process the Acknowledgement and Fill messages for an outright instrument.

Selected Contract : U2-25#ZZ7B64MC7XQ0-715 **Unlock**

Category	IP	Port
TCP Confiliated Feed		

Category	Link
Templates File:	templates_FixBinary.xml
TCP Session Management SBE Schema:	templates_MdoSessionMgmt.xml

Note: Press the Start Test button to start or restart a Test. Please do not press the Start Test button again if you are currently running this test. **START TEST**

Description	Flag	Status
1 Over an iLink connection, submit a FAKiMin order with a quantity greater than 1000 and greater than MinQty (Tag 110)		Not Tested
2 Receive and Process Execution Report - New Order message		Not Tested
3 Receive and Process Execution Report - Trade Outright for at least min quantity		Not Tested

REFRESH

Key: ● not tested ● complete ● pending ● failed

Note: If a test is not proceeding to the next step, selecting the Refresh button (**REFRESH**) below the test steps may resolve the issue.

To run an FAKiMin Order test:

1. Select a **SenderComp** from the drop-down and select **ASSIGN** if a SenderComp is not already assigned.
2. From the **Contracts** drop-down, select the desired contract if the contract is not already locked.
3. Select the **START TEST** button.

Note: DO NOT select the **START TEST** button once the test is in progress.

4. Over an iLink connection, submit a [FAKiMin order](#) with a quantity greater than MinQty (Tag 110).
5. Select **Yes** or **No** to indicate whether your system received and processed the [Execution Report - New Order](#) message.
6. Select **Yes** or **No** to indicate whether your system received and processed the [Execution Report - Trade Outright](#) for at least min quantity.

FAS Limit Order

The purpose of this test is to verify that the client system can perform the following for an outright instrument:

- submit and cancel an FAS order
- receive and process the Acknowledgment and Fill messages

Pre-Registered or On-Demand Format



Note: This test is used for both Pre-Registered and On-Demand formats. The below image shows the Pre-Registered format version of the test.

Interview Test Suite **Test Case** Post Certification Help

Steps of the test: FAS Limit Order Test for Pre-Registered format

This test could take up to several minutes. Please do not close the window during the test. Closing window/stopping test requires to rerun the test from step 1.

Purpose
The purpose of this test is to verify the client system can submit and cancel an FAS order and receive and process the Acknowledgement and Fill messages for an outright instrument.

Selected Contract : ITBBLR LXXQZVNUJ5MA5-720 **Unlock**

Category	IP	Port
TCP Confated Feed		
Category	Link	
Templates File:	templates_FixBinary.xml	
TCP Session Management SBE Schema:	templates_MdcSessionMgmt.xml	

Note: Press the Start Test button to start or restart a Test. Please do not press the Start Test button again if you are currently running this test. **START TEST**

Description	Flag	Status
1 Over an iLink connection, submit FAS Limit Order message with a quantity greater than 1000		Not Tested
2 Receive and Process Execution Report - New Order message		Not Tested
3 Receive and Process Execution Report - Trade Outright message		Not Tested
4 Submit an Order Cancel Request message for the remaining quantity left on the original order submitted		Not Tested
5 Receive and process Execution Report - Cancel message		Not Tested
6 Submit FAS Limit Order message with a quantity greater than 1000		Not Tested
7 Receive and Process Execution Report - New Order message		Not Tested
8 Receive and Process Execution Report - Cancel		Not Tested
9 Over an iLink connection, submit FAS passive Order with a quantity greater than 1000		Not Tested
10 Receive and Process Execution Report - New Order message		Not Tested
11 Receive and Process Execution Report - Trade Outright message		Not Tested

Key: not tested complete pending failed

REFRESH



Note: If a test is not proceeding to the next step, selecting the Refresh button (**REFRESH**) below the test steps may resolve the issue.



To run a FAS Limit Order test:

1. Select a **SenderComp** from the drop-down and select **ASSIGN** if a SenderComp is not already assigned.
2. From the **Contracts** drop-down, select the desired contract if the contract is not already locked.
3. Select the **START TEST** button.



Note: DO NOT select the **START TEST** button once the test is in progress.

4. Over an iLink connection, submit a [FAS Limit Order](#) message with a quantity greater than 1000.
5. Select **Yes** or **No** to indicate whether your system received and processed the [Execution Report - New Order](#) message.
6. Select **Yes** or **No** to indicate whether your system received and processed the [Execution Report - Trade Outright](#) message.

7. Submit an [Order Cancel Request](#) message for the remaining quantity left on the original order submitted.
8. Select **Yes** or **No** to indicate whether your system received and processed the [Execution Report - Cancel](#) message.
9. Submit a FAS Limit Order message with a quantity greater than 1000.
10. Select **Yes** or **No** to indicate whether your system received and processed the Execution Report - New Order message.
11. Select **Yes** or **No** to indicate whether your system received and processed the Execution Report - Cancel.



Note: The steps below are only used for Limit Passive orders.

12. Over an iLink connection, submit FAS passive Order with a quantity greater than 1000.
13. Select **Yes** or **No** to indicate whether your system received and processed the Execution Report - New Order message.
14. Select **Yes** or **No** to indicate whether your system received and processed the Execution Report - Trade Outright message.

FOK Order

The purpose of this test is to verify that the client system can perform the following for an outright instrument:

- submit an [FOK \(Fill or Kill\)](#) order
- receive and process the acknowledgment and fill messages

Pre-Registered and On-Demand Format



Note: This test is used for both Pre-Registered and On-Demand formats. The below image shows the Pre-Registered format version of the test.

Interview Test Suite **Test Case** Post Certification Help

Steps of the test: FOK Order Test for Pre-Registered format

This test could take up to several minutes. Please do not close the window during the test. Closing window/stopping test requires to rerun the test from step 1.

Purpose
The purpose of this test is to verify the client system can submit an FOK order and receive and process the Acknowledgement and Fill messages for an outright instrument.

Selected Contract : UB30w_2_02/50 -700 **Unlock**

Category	IP	Port
Incremental Premium Feed A	233.143.214.5	15700
Incremental Premium Feed B	233.143.214.132	16700
Incremental Confated Feed A	233.143.214.19	15701
Incremental Confated Feed B	233.143.214.147	16701
Premium Snapshot MBP	233.143.214.6	22700
Confated Snapshot MBP & MBOLD	233.143.214.20	20700
Instrument Replay Premium	233.143.214.7	22701
Instrument Replay Confated	233.143.214.21	14701
TCP Confated Feed		

Category	Link
Templates File:	templates_FixBinary.xml
Premium Configuration File:	config.xml
Confated Configuration File:	config.xml
TCP Session Management SBE Schema:	templates_MdcSessionMgmt.xml

Note: Press the Start Test button to start or restart a Test. Please do not press the Start Test button again if you are currently running this test.

START TEST

Description	Flag	Status
1 Submit a Limit FOK Order for the instrument	<input type="radio"/>	Not Tested
2 Receive and process Execution Report - New Order	<input type="radio"/>	Not Tested
3 Receive and process Execution Report - Elimination	<input type="radio"/>	Not Tested
4 Over an iLink connection, submit FOK order message with a quantity greater than 10	<input type="radio"/>	Not Tested
5 Receive and Process Execution Report - New Order message	<input type="radio"/>	Not Tested
6 Receive and Process Execution Report - Trade Outright message	<input type="radio"/>	Not Tested

Key: ☐ not tested ☒ complete ☐ pending ☐ failed

REFRESH



To run an FOK test:

1. Select a **SenderComp** from the drop-down and select **ASSIGN** if a SenderComp is not already assigned.
2. From the **Contracts** drop-down, select the desired contract if the contract is not already locked.
3. Select the **START TEST** button.



Note: DO NOT select the **START TEST** button once the test is in progress.

4. Submit a [Limit FOK Order](#) for the instrument.
5. Select **Yes** or **No** to indicate whether your system received and processed the [Execution Report - New Order](#).
6. Select **Yes** or **No** to indicate whether your system received and processed the [Execution Report - Elimination](#).
7. Submit a Limit FOK Order for the instrument with a quantity greater than 10.
8. Select **Yes** or **No** to indicate whether your system received and processed the Execution Report - New Order.
9. Select **Yes** or **No** to indicate whether your system received and processed the [Execution Report - Trade Outright](#).

Graceful Logoff

The purpose of this test is to verify that the client system can perform a graceful logoff by cancelling all of their pending orders prior to sending a Terminate message.

Pre-Registered or On-Demand Format



Note: This test is used for both Pre-Registered and On-Demand formats. The below image shows the Pre-Registered format version of the test.

Interview Test Suite **Test Case** Post Certification Help

Steps of the test: Graceful Logoff for Pre-Registered format

This test could take up to several minutes. Please do not close the window during the test. Closing window/stopping test requires to rerun the test from step1.

Purpose
The purpose of this test is to verify that the client system can perform a graceful logoff by canceling all of their pending orders prior to sending Terminate.

Selected Contract : UB7#_5/8_03/27-700 **Unlock**

Contracts : **Select**

Category	IP	Port
Incremental Premium Feed A	233.143.214.5	15700
Incremental Premium Feed B	233.143.214.132	16700
Incremental Confated Feed A	233.143.214.19	15701
Incremental Confated Feed B	233.143.214.147	16701
Premium Snapshot MBP	233.143.214.6	22700
Premium Snapshot MBO	233.143.214.6	20700
Confated Snapshot MBP & MBOLD	233.143.214.20	22701
Instrument Replay Premium	233.143.214.7	
Instrument Replay Confated	233.143.214.21	14701
TCP Confated Feed		

Category	Link
Templates File:	templates_FixBinary.xml
Premium Configuration File:	config.xml
Confated Configuration File:	config.xml
TCP Session Management SBE Schema:	templates_MdcSessionMgmt.xml

Description	Flag	Status
1 Over an iLink connection, submit 2 orders for the selected dummy instruments.		Not Tested
2 Send an Order Mass Action Request (35=CA) by Market Segment ID.		Not Tested
3 Send terminate message for graceful logoff.		Not Tested

Key: not tested complete pending failed

REFRESH



Note: If a test is not proceeding to the next step, selecting the Refresh button (**REFRESH**) below the test steps may resolve the issue.



To run a Primary Gateway Connection Enforcement test:

1. Select a **SenderComp** from the drop-down and select **ASSIGN** if a SenderComp is not already assigned.
2. From the **Contracts** drop-down, select the desired contract if the contract is not already locked.
3. Select the **START TEST** button.



Note: DO NOT select the **START TEST** button once the test is in progress.

4. Over an iLink connection, submit 2 [orders](#) for the selected dummy instruments.
5. Send an [Order Mass Action Request \(35=CA\)](#) by Market Segment ID
6. Send [Terminate](#) message for graceful logoff.

iLink Order Mass Action Request by Instrument

The Purpose of this test is to verify that customer application can submit an [Order Mass Action Request \(35=CA\)](#) message to cancel working orders by instrument.

Pre-Registered or On-Demand Format

Note: This test is used for both Pre-Registered and On-Demand formats. The below image shows the Pre-Registered format version of the test.

Interview Test Suite **Test Case** Post Certification Help

Steps of the test: iLink Order Mass Action Request by Instrument for Pre-Registered Format

This test could take up to several minutes. Please do not close the window during the test. Closing window/stopping test requires to rerun the test from step 1.

Purpose
The Purpose of this test is to verify that customer application can submit Order Mass Action Request(35=CA) to cancel working orders by Instrument.

Contracts : 16JU4,16JM4,26BU0 - 638 **Select**

Category	IP	Port
Incremental Feed A	224.0.28.123	11638
Incremental Feed B	224.0.25.101	11738
Snapshot MBP	224.0.28.122	19638
Snapshot MBO	224.0.25.254	20637
Instrument Replay	224.0.28.123	16638

Link
 Category:
 Templates File: [templates_FoBinary.xml](#)
 Configuration File: [config.xml](#)

Description	Flag	Status
1 Over a iLink connection, send a Limit Day Order message for one of the selected dummy instrument		Not Tested
2 Receive and Process Execution Report - New Order		Not Tested
3 Submit a second Limit Day Orders for instrument same as step 1		Not Tested
4 Receive and Process Execution Report - New Order		Not Tested
5 Submit One Limit Day Orders for instrument different from step 1		Not Tested
6 Receive and Process Execution Report - New Order		Not Tested
7 Submit Order Mass Action Request (35=CA) message by instrument for orders submitted in step 1 & 3		Not Tested
8 Receive and Process Order Mass Action Report (35=BZ) - Accepted message		Not Tested
9 Submit an Order Cancel/Replace Request for the order submitted in step 5		Not Tested
10 Receive and process Execution Report - Modify		Not Tested

Key: not tested complete pending failed

REFRESH

Note: If a test is not proceeding to the next step, selecting the Refresh button (**REFRESH**) below the test steps may resolve the issue.

To run an iLink Order Mass Action Request by Instrument test:

1. Select a **SenderComp** from the drop-down and select **ASSIGN** if a SenderComp is not already assigned.
2. From the **Contracts** drop-down, select the desired contract if the contract is not already locked.
3. Select the **START TEST** button.

Note: DO NOT select the **START TEST** button once the test is in progress.

4. Over a iLink connection, send a [Limit Day Order](#) message for one of the selected dummy instrument.
5. Select **Yes** or **No** to indicate whether your system received and processed the [Execution Report - New Order](#).
6. Submit a second Limit Day Orders for the same instrument as step 1.
7. Select **Yes** or **No** to indicate whether your system received and processed the Execution Report - New Order.
8. Submit One Limit Day Order for an instrument different from step 1.
9. Select **Yes** or **No** to indicate whether your system received and processed the Execution Report - New Order.
10. Submit Order Mass Action Request (35=CA) message by instrument for orders submitted in step 1 & 3.

11. Enter the following tag values to indicate that your system received and processed the [Order Mass Action Report \(35=BZ\) - Accepted](#) message:

- tag 1374-MassActionScope
- tag 1375-MassActionResponse



Note: The next 2 steps are only required for client systems that support Order Cancel-Replace functionality.

11. Submit an [Order Cancel/Replace Request](#) for the order submitted in step 5.
12. Select **Yes** or **No** to indicate whether your system received and processed the [Execution Report - Modify](#).

iLink Order Mass Action Request by Instrument Group

The Purpose of this test is to verify that customer application can submit [Order Mass Action Request \(35=CA\)](#) to cancel working orders by Instrument Group.

Pre-Registered or On-Demand Format



Note: This test is used for both Pre-Registered and On-Demand formats. The below image shows the Pre-Registered format version of the test.

Interview Test Suite **Test Case** Post Certification Help

Steps of the test: iLink Order Mass Action Request by Instrument Group for Pre-Registered format

This test could take up to several minutes. Please do not close the window during the test. Closing window/stopping test requires to rerun the test from step 1.

Purpose
The Purpose of this test is to verify that customer application can submit Order Mass Action Request(35=CA) to cancel working orders by Instrument Group.

Selected Contract : UB7H_518_03/27-700 **Unlock**

Category	IP	Port
Incremental Premium Feed A	233.143.214.5	15700
Incremental Premium Feed B	233.143.214.132	16700
Incremental Confated Feed A	233.143.214.19	15701
Incremental Confated Feed B	233.143.214.147	16701
Premium Snapshot MBP	233.143.214.6	22700
Premium Snapshot MBO	233.143.214.6	20700
Confated Snapshot MBP & MBO	233.143.214.20	22701
Instrument Replay Premium	233.143.214.7	
Instrument Replay Confated	233.143.214.21	14701
TCP Confated Feed		

Category	Link
Templates File:	templates_FixBinary.xml
Premium Configuration File:	config.xml
Confated Configuration File:	config.xml
TCP Session Management SBE Schema:	templates_MdcSessionMgmt.xml

Note: Press the Start Test button to start or restart a Test. Please do not press the Start Test button again if you are currently running this test. **START TEST**

Description	Flag	Status
1 Over a iLink connection, send a Limit Day Order message for one of the selected dummy instrument		Not Tested
2 Receive and Process Execution Report - New Order		Not Tested
3 Submit a second Limit Day Orders for instrument same as step 1		Not Tested
4 Receive and Process Execution Report - New Order		Not Tested
5 Send an Order Mass Action Request (35=CA) message by instrument Group for orders submitted in step1 & 3		Not Tested
6 Receive and Process Order Mass Action Report (35=BZ) - Accepted message		Not Tested

Key: not tested complete pending failed

REFRESH



Note: If a test is not proceeding to the next step, selecting the Refresh button (**REFRESH**) below the test steps may resolve the issue.



To run an iLink Order Mass Action Request by Instrument Group test:

1. Select a **SenderComp** from the drop-down and select **ASSIGN** if a SenderComp is not already assigned.
2. From the **Contracts** drop-down, select the desired contract if the contract is not already locked.
3. Select the **START TEST** button.



Note: DO NOT select the **START TEST** button once the test is in progress.

4. Over a iLink connection, send a [Limit Day Order](#) message for one of the selected dummy instruments.
5. Select **Yes** or **No** to indicate whether your system received and processed the [Execution Report - New Order](#).
6. Submit a second Limit Day Orders for the same instrument as step 1.
7. Select **Yes** or **No** to indicate whether your system received and processed the Execution Report - New Order.
8. Send an Order Mass Action Request (35=CA) message by instrument Group for orders submitted in step 1 & 3.

9. Enter the following tag values to indicate that your system received and processed the [Order Mass Action Report \(35=BZ\) - Accepted](#) message:
- tag 1374-MassActionScope
 - tag 1375-MassActionResponse

iLink Order Mass Action Request by Market Segment ID

The Purpose of this test is to verify that customer application can submit [Order Mass Action Request \(35=CA\)](#) to cancel working orders by Market Segment ID.

Pre-Registered or On-Demand Format



Note: This test is used for both Pre-Registered and On-Demand formats. The below image shows the Pre-Registered format version of the test.

Interview Test Suite **Test Case** Post Certification Help

Steps of the test: iLink Order Mass Action Request by Market Segment ID for Pre-Registered Format

This test could take up to several minutes. Please do not close the window during the test. Closing window/stopping test requires to rerun the test from step 1.

Purpose
The Purpose of this test is to verify that customer application can submit Order Mass Action Request(35=CA) to cancel working orders by Market Segment ID.

Contracts : 16JU4,16JM4,26BU0 - 638 **Select**

Category	IP	Port
Incremental Feed A	224.0.28.123	11638
Incremental Feed B	224.0.25.101	11738
Snapshot MBP	224.0.28.122	19638
Snapshot MBO	224.0.25.254	20637
Instrument Replay	224.0.28.123	16638

Category: Link
Templates File: templates_FtoBinary.xml
Configuration File: config.xml

Description	Flag	Status
1 Over a iLink connection, send a Limit Day Order message for the selected dummy instrument		Not Tested
2 Receive and Process Execution Report - New Order		Not Tested
3 Send a Limit Day Order message for the selected dummy instrument		Not Tested
4 Receive and Process Execution Report - New Order		Not Tested
5 Send a Limit Day Order message for the selected dummy instrument		Not Tested
6 Receive and Process Execution Report - New Order		Not Tested
7 Send an Order Mass Action Request (35=CA) by Market Segment ID		Not Tested
8 Receive and Process Order Mass Action Report (35=BZ) - Accepted message		Not Tested

Key: not tested complete pending failed

REFRESH



Note: If a test is not proceeding to the next step, selecting the Refresh button (**REFRESH**) below the test steps may resolve the issue.



To run an iLink Order Mass Action Request by Market Segment ID test:

1. Select a **SenderComp** from the drop-down and select **ASSIGN** if a SenderComp is not already assigned.
2. From the **Contracts** drop-down, select the desired contract if the contract is not already locked.
3. Select the **START TEST** button.



Note: DO NOT select the **START TEST** button once the test is in progress.

4. Over a iLink connection, send a [Limit Day Order](#) message for the selected dummy instrument
5. Select **Yes** or **No** to indicate whether your system received and processed the [Execution Report - New Order](#).
6. Send a Limit Day Order message for the selected dummy instrument.
7. Select **Yes** or **No** to indicate whether your system received and processed the Execution Report - New Order.
8. Send a Limit Day Order message for the selected dummy instrument.
9. Select **Yes** or **No** to indicate whether your system received and processed the Execution Report - New Order.
10. Send an Order Mass Action Request (35=CA) by Market Segment ID.

11. Enter the following tag values to indicate that your system received and processed the [Order Mass Action Report \(35=BZ\) - Accepted](#) message:

- 1300-MarketSegmentID
- 1374-MassActionScope
- 1375-MassActionResponse

iLink Order Mass Status Request for All Working Orders for an Instrument

The Purpose of this test is to verify that customer application can submit Order Mass Status Request (35=AF) and receive Order Status Request Acknowledgment (35=8, 150=I) when obtaining status for all working order for an instrument.

Pre-Registered or On-Demand Format



Note: This test is used for both Pre-Registered and On-Demand formats. The below image shows the Pre-Registered format version of the test.

Interview Test Suite **Test Case** Post Certification Help

Steps of the test: iLink Order Mass Status Request for all working orders for an instrument for Pre-Registered Format

This test could take up to several minutes. Please do not close the window during the test. Closing window/stopping test requires to rerun the test from step 1.

Purpose
The Purpose of this test is to verify that customer application can submit Order Mass Status Request (35=AF) and receive Order Status Request Acknowledgment (35=8, 150=I) when obtaining status for all working order for an instrument.

Contracts : 06SH1.06SU0.06SH1-06SU0 - 638 Select

Category	IP	Port
Incremental Feed A	224.0.28.123	11638
Incremental Feed B	224.0.25.101	11738
Snapshot MBP	224.0.28.122	19638
Snapshot MBO	224.0.25.254	20638
Instrument Replay	224.0.28.123	19638

Category: Link
Templates File: templates_FixBinary.xml
Configuration File: config.xml

Description	Flag	Status
1 Over a iLink connection, send a Limit Day Order message using one of the selected dummy instruments		Not Tested
2 Receive and Process Execution Report - New Order		Not Tested
3 Submit a second Limit Day Order using the same instrument used at step 1 increasing the price		Not Tested
4 Receive and Process an Execution Report - Acknowledgement message		Not Tested
5 Submit an Order Mass Status Request (35=AF) message for all working orders for an instrument		Not Tested
6 Receive and Process Execution Report - Status (35=8 & 150=I)		Not Tested
7 Receive and Process Execution Report - Status (35=8 & 150=I)		Not Tested

Key: not tested complete pending failed

REFRESH



Note: If a test is not proceeding to the next step, selecting the Refresh button (REFRESH) below the test steps may resolve the issue.



To run an iLink Order Mass Action Request for all Working Orders for an Instrument test:

1. Select a **SenderComp** from the drop-down and select **ASSIGN** if a SenderComp is not already assigned.
2. From the **Contracts** drop-down, select the desired contract if the contract is not already locked.
3. Select the **START TEST** button.



Note: DO NOT select the **START TEST** button once the test is in progress.

4. Over a iLink connection, send a [Limit Day Order](#) message using one of the selected dummy instruments.
5. Select "Yes" or "No" to indicate whether or not your system processed the [Execution Report - New Order](#).
6. Submit a second Limit Day Order using the same instrument used at step 1 increasing the price.
7. Select **Yes** or **No** to indicate whether your system received and processed the Execution Report - New Order message.
8. Submit an [Order Mass Status Request \(35=AF\)](#) message for all working orders for an instrument.
9. Enter the following tag values to indicate that your system received and processed the Execution Report - Status (35=8 & 150=I):

- tag 39-OrdStatus
- tag 912-LastRptRequested
- tag 584-MassStatusReqID

10. Enter the following tag values to indicate that your system received and processed the Execution Report - Status (35=8 & 150=I):

- tag 39-OrdStatus
- tag 912-LastRptRequested
- tag 584-MassStatusReqID

iLink Order Mass Status Request for All Working Orders for an Instrument Group

This test verifies that you can submit an [\(Order Mass Status Request \(tag 35-MsgType=AF\)\)](#) and receive an Order Status Request acknowledgment (35=8, 150=I) when requesting the current state of all working orders for an instrument group.

Pre-Registered or On-Demand Format



Note: This test is used for both Pre-Registered and On-Demand formats. The below image shows the Pre-Registered format version of the test.

Interview Test Suite **Test Case** Post Certification Help

Steps of the test: iLink Order Mass Status Request for all working orders for an instrument group for Pre-Registered Format

This test could take up to several minutes. Please do not close the window during the test. Closing window/stopping test requires to rerun the test from step 1.

Purpose
The Purpose of this test is to verify that customer application can submit Order Mass Status Request (35=AF) and receive Order Status Request Acknowledgement (35=8, 150=I) when obtaining status for all working order for an instrument group.

Contracts : 06SH1.06SU0.06SH1.06SU0 - 638 **Select**

Category	IP	Port
Incremental Feed A	224.0.28.123	11638
Incremental Feed B	224.0.25.101	11738
Snapshot MBP	224.0.28.122	19638
Snapshot MBO	224.0.25.254	20638
Instrument Replay	224.0.28.123	16638

Category: Link:

Templates File:

Configuration File:

Description	Flag	Status
1 Over a iLink connection, send a Limit Day Order message using one of the selected dummy instruments		Not Tested
2 Receive and Process Execution Report - New Order		Not Tested
3 Submit a second Limit Day Order for different instrument that belongs to the same instrument group used at step 1		Not Tested
4 Receive and Process an Execution Report - Acknowledgement message		Not Tested
5 Send an Order Mass Status Request (35=AF) message for all working orders for the instrument group used at step 1		Not Tested
6 Receive and Process Execution Report - Status (35=8 & 150=I)		Not Tested
7 Receive and Process Execution Report - Status (35=8 & 150=I)		Not Tested

Key: not tested complete pending failed

REFRESH



Note: If a test is not proceeding to the next step, selecting the Refresh button (**REFRESH**) below the test steps may resolve the issue.



To run an iLink Order Mass Status Request for All Working Orders for an Instrument Group test:

1. Select a **SenderComp** from the drop-down and select **ASSIGN** if a SenderComp is not already assigned.
2. From the **Contracts** drop-down, select the desired contract if the contract is not already locked.
3. Select the **START TEST** button.



Note: DO NOT select the **START TEST** button once the test is in progress.

4. Over a iLink connection, send a [Limit Day Order](#) message using one of the selected dummy instruments.
5. Select "Yes" or "No" to indicate whether your system processed the [Execution Report - New Order](#).
6. Submit a second Limit Day Order for different instrument that belongs to the same instrument group used at step 1.
7. Select "Yes" or "No" to indicate whether your system processed the Execution Report - New Order message.
8. Send an [Order Mass Status Request \(35=AF\)](#) message for all working orders for the instrument group used at step 1.
9. Enter the values from the following tags to confirm that your system received and processed the [Execution Report - Status](#) (35=8 & 150=I).

- Tag 39-OrdStatus
- Tag 912-LastRptRequested
- Tag 584-MassStatusReqID

10. Enter the values from the following tags to confirm that your system received and processed the Execution Report - Status (35=8 & 150=I).

- Tag 39-OrdStatus
- Tag 912-LastRptRequested
- Tag 584-MassStatusReqID

iLink Order Status Request

The Purpose of this test is to verify that your application can submit an [Order Status Request \(35=H\)](#) message and receive an [Execution Report - Status \(35=8, 150=I\)](#) message when obtaining status for the order.

Pre-Registered or On-Demand Format



Note: This test is used for both Pre-Registered and On-Demand formats. The below image shows the Pre-Registered format version of the test.

Interview Test Suite **Test Case** Post Certification Help

Steps of the test: iLink Order Status Request for Pre-Registered Format

This test could take up to several minutes. Please do not close the window during the test. Closing window/stopping test requires to rerun the test from step 1.

Purpose
The Purpose of this test is to verify that customer application can submit Order Status Request (35=H) and receive Execution Report - Status (35=8, 150=I) when obtaining status for the order.

Contracts : 06SH1.06SU0.06SH1-06SU0 - 638 Select

Category	IP	Port
Incremental Feed A	224.0.28.123	11638
Incremental Feed B	224.0.25.101	11738
Snapshot MBR	224.0.28.122	19638
Snapshot MBO	224.0.25.254	20638
Instrument Replay	224.0.28.123	16638

Category: Link
Templates File: templates_FixBinary.xml
Configuration File: config.xml

Description	Flag	Status
1 Over a iLink connection, send a Limit Day Order message using one of the selected dummy instruments		Not Tested
2 Receive and Process Execution Report - New Order		Not Tested
3 Send an Order Status Request (35=H) message for the order in step 1		Not Tested
4 Receive and Process Execution Report - Status (35=8 & 150=I)		Not Tested

Key: not tested complete pending failed

REFRESH



Note: If a test is not proceeding to the next step, selecting the Refresh button (REFRESH) below the test steps may resolve the issue.



To run an iLink Order Status Request test:

1. Select a **SenderComp** from the drop-down and select **ASSIGN** if a SenderComp is not already assigned.
2. From the **Contracts** drop-down, select the desired contract if the contract is not already locked.
3. Select the **START TEST** button.



Note: DO NOT select the **START TEST** button once the test is in progress.

4. Over a iLink CGW connection, send a [Limit Day Order](#) message using one of the selected dummy instruments.
5. Select **Yes** or **No** to indicate whether your system received and processed the [Execution Report - New Order](#).
6. Send an [Order Status Request \(35=H\)](#) message for the order in step 1.
7. Enter the tag 39-OrdStatus value to indicate that your system received and processed the [Execution Report - Status \(35=8 & 150=I\)](#).

Manage Minimum Quantity

The purpose of this test is to verify that the client system can submit an order with Minimum Quantity used in different scenarios.

Pre-Registered or On-Demand Format

Note: This test is used for both Pre-Registered and On-Demand formats. The below image shows the Pre-Registered format version of the test.

Steps of the test: Manage Minimum Quantity for Pre-Registered Format

This test could take up to several minutes. Please do not close the window during the test. Closing window/stopping test requires to rerun the test from step1.

Purpose
The purpose of this test is to verify that the client system can submit an order with Minimum Quantity used in a different scenarios.

Contracts : 06SHQ.06SZ1.06SHQ.06SZ1 - 640 **Select**

Category	IP	Port
Incremental Feed A	224.0.28.79	11640
Incremental Feed B	224.0.25.101	11740
Snapshot MBP	224.0.28.123	19640
Snapshot MBO	224.0.25.254	20640
Instrument Replay	224.0.28.79	19640

Link: [templates_FixBinary.xml](#)
Configuration File: [config.xml](#)

Description	Flag	Status
1 Over an iLink connection, submit a Limit FAK Order for the instrument with a minimum quantity value		Not Tested
2 Receive and process Execution Report - New Order		Not Tested
3 Receive and process Execution Report - Elimination		Not Tested
4 Submit a Limit FAK Order for the instrument with a minimum quantity value		Not Tested
5 Receive and process Execution Report - New Order		Not Tested
6 Receive and process Execution Report - Trade Outright		Not Tested

Keys: not tested complete pending failed

REFRESH

Note: If a test is not proceeding to the next step, selecting the Refresh button (**REFRESH**) below the test steps may resolve the issue.

To run a Manage Minimum Quantity test:

1. Select a **SenderComp** from the drop-down and select **ASSIGN** if a SenderComp is not already assigned.
2. From the **Contracts** drop-down, select the desired contract if the contract is not already locked.
3. Select the **START TEST** button.

Note: DO NOT select the **START TEST** button once the test is in progress.

4. Over an iLink connection, submit a [Limit FAK Order](#) for the instrument with a minimum quantity value.
5. Select **Yes** or **No** to indicate whether your system received and processed the [Execution Report - New Order](#).
6. Select **Yes** or **No** to indicate whether your system received and processed the [Execution Report - Elimination](#).
7. Submit a Limit FAK Order for the instrument with a minimum quantity value.
8. Select **Yes** or **No** to indicate whether your system received and processed the Execution Report - New Order.
9. Select **Yes** or **No** to indicate whether your system received and processed the [Execution Report - Trade Outright](#).

Manage Maximum Quantity Display

The purpose of this test is to verify that the client system can submit an order with Display Quantity (tag 1138-DisplayQty) used in different scenarios (multiple partial fills greater and smaller than DisplayQty, with and without cancel/replace)

Pre-Registered or On-Demand Format



Note: This test is used for both Pre-Registered and On-Demand formats. The below image shows the Pre-Registered format version of the test.

Interview Test Suite **Test Case** Post Certification Help

Steps of the test: Manage Maximum Quantity Display for Pre-Registered Format

This test could take up to several minutes. Please do not close the window during the test. Closing window/stopping test requires to rerun the test from step 1.

Purpose
The purpose of this test is to verify that the client system can submit an order with Display Quantity (tag 1138-DisplayQty) used in different scenarios (multiple partial fills greater and smaller than DisplayQty, with and without cancel/replace)

Contracts : TCLM1.TCLO1.TCLM1.TCLO1 - 643 Select

Category	IP	Port
Incremental Feed A	224.0.28.124	11643
Incremental Feed B	224.0.25.101	11743
Snapshot MBP	224.0.28.79	19643
Snapshot MBO	224.0.25.254	20643
Instrument Replay	224.0.28.124	16643

Category: Link
 Templates File: [templates_FxBinary.xml](#)
 Configuration File: [config.xml](#)

Description	Flag	Status
1 Over an iLink connection, submit a Limit Day Order for the instrument with a quantity greater than 4 with display quantity (DisplayQty) greater than 2		Not Tested
2 Receive and process Execution Report - New Order		Not Tested
3 Receive and process Execution Report - Trade Outright		Not Tested
4 Receive and process Execution Report - Trade Outright		Not Tested

Key: not tested complete pending failed

REFRESH



Note: If a test is not proceeding to the next step, selecting the Refresh button (**REFRESH**) below the test steps may resolve the issue.



To run a Manage Maximum Quantity Display test:

1. Select a **SenderComp** from the drop-down and select **ASSIGN** if a SenderComp is not already assigned.
2. From the **Contracts** drop-down, select the desired contract if the contract is not already locked.
3. Select the **START TEST** button.



Note: DO NOT select the **START TEST** button once the test is in progress.

4. Over an iLink connection, submit a [Limit Day Order](#) for the instrument with a quantity greater than 4 with display quantity (DisplayQty) greater than 2
5. Select **Yes** or **No** to indicate whether your system received and processed the [Execution Report - New Order](#).
6. Select **Yes** or **No** to indicate whether your system received and processed the [Execution Report - Trade Outright](#).
7. Select **Yes** or **No** to indicate whether your system received and processed the Execution Report - Trade Outright.

Manage Maximum Quantity Display with Cancel/Replace

The purpose of this test is to verify that the client system can submit an order with Display Quantity (tag 1138-DisplayQty) used in different scenarios (multiple partial fills greater and smaller than DisplayQty, with and without cancel/replace).

Pre-Registered or On-Demand Format



Note: This test is used for both Pre-Registered and On-Demand formats. The below image shows the Pre-Registered format version of the test.

Interview Test Suite **Test Case** Post Certification Help

Steps of the test: Manage Maximum Quantity Display with Cancel-Replace for Pre-Registered Format

This test could take up to several minutes. Please do not close the window during the test. Closing window/stopping test requires to rerun the test from step 1.

Purpose
The purpose of this test is to verify that the client system can submit an order with Display Quantity (tag 1138-DisplayQty) used in different scenarios (multiple partial fills greater and smaller than DisplayQty, with and without cancel/replace)

Contracts : 06AZ1.06AU1.06AZ1.06AU1 - 640 Select

Category	IP	Port
Incremental Feed A	224.0.28.79	11640
Incremental Feed B	224.0.25.101	11740
Snapshot MBP	224.0.28.123	19640
Snapshot MBO	224.0.25.254	20640
Instrument Replay	224.0.28.79	19640

Category: Link
Templates File: [templates_FixBinary.xml](#)
Configuration File: [config.xml](#)

Description	Flag	Status
1 Submit a Limit Day Order for the instrument with a quantity greater than 4 with a display quantity greater than 2		Not Tested
2 Receive and process Execution Report - New Order		Not Tested
3 Receive and process Execution Report - Trade Outright		Not Tested
4 Submit an Order Cancel/Replace Request increasing the quantity and the DisplayQty amount		Not Tested
5 Receive and process Execution Report - Modify		Not Tested
6 Receive and process an Execution Report - Fill Notice message		Not Tested
7 Submit an Order Cancel/Replace Request decreasing the DisplayQty amount		Not Tested
8 Receive and process Execution Report - Modify		Not Tested
9 Receive and process Execution Report - Trade Outright		Not Tested

REFRESH

Keys: not tested complete pending failed



Note: If a test is not proceeding to the next step, selecting the Refresh button (**REFRESH**) below the test steps may resolve the issue.



To run a Manage Maximum Quantity Display with Cancel/Replace test:

1. Select a **SenderComp** from the drop-down and select **ASSIGN** if a SenderComp is not already assigned.
2. From the **Contracts** drop-down, select the desired contract if the contract is not already locked.
3. Select the **START TEST** button.



Note: DO NOT select the **START TEST** button once the test is in progress.

4. Submit a [Limit Day Order](#) for the instrument with a quantity greater than 4 with a display quantity greater than 2
5. Select **Yes** or **No** to indicate whether your system received and processed the [Execution Report - New Order](#)
6. Select **Yes** or **No** to indicate whether your system received and processed the [Execution Report - Trade Outright](#)
7. Submit an [Order Cancel/Replace Request](#) increasing the quantity and the DisplayQty amount
8. Select **Yes** or **No** to indicate whether your system received and processed the [Execution Report - Modify](#)
9. Select **Yes** or **No** to indicate whether your system received and processed the Execution Report - Fill Notice message
10. Submit an Order Cancel/Replace Request decreasing the DisplayQty amount

11. Select **Yes** or **No** to indicate whether your system received and processed the Execution Report - Modify
12. Select **Yes** or **No** to indicate whether your system received and processed the Execution Report - Trade Outright

Manual Order Indicator for ATS System

The purpose of this test case is to verify how the client system is using the Manual Order Indicator tag.

Pre-Registered or On-Demand Format

Note: This test is used for both Pre-Registered and On-Demand formats. The below image shows the Pre-Registered format version of the test.

Steps of the test: Manual Order Indicator for ATS System for Pre-Registered Format

This test could take up to several minutes. Please do not close the window during the test. Closing window/stopping test requires to rerun the test from step 1.

Purpose
The purpose of this test case is to verify how customer is using Manual Order Indicator tag.

Contracts : **Select**

Category	IP	Port
Incremental Feed A	224.0.28.124	11643
Incremental Feed B	224.0.25.101	11743
Snapshot MBP	224.0.28.79	19643
Snapshot MBO	224.0.25.254	20643
Instrument Replay	224.0.28.124	16643

Category: **Select**

Templates File: [templates_FixBinary.xml](#)

Configuration File: [config.xml](#)

Description	Flag	Status
1 Over an iLink connection, submit a Limit Day Order with the proper Manual Order Indicator tag.	<input type="radio"/>	Not Tested
2 Receive and Process Execution Report - New Order	<input type="radio"/>	Not Tested

REFRESH

Key: ☐ not tested ☒ complete ☐ pending ☐ failed

Note: If a test is not proceeding to the next step, selecting the Refresh button (**REFRESH**) below the test steps may resolve the issue.

To run a Manual Order Indicator for ATS System test:

1. Select a **SenderComp** from the drop-down and select **ASSIGN** if a SenderComp is not already assigned.
2. From the **Contracts** drop-down, select the desired contract if the contract is not already locked.
3. Select the **START TEST** button.

Note: **DO NOT** select the **START TEST** button once the test is in progress.

4. Over an iLink connection, submit a [Limit Day Order](#) with the proper Manual Order Indicator tag.
5. Select **Yes** or **No** to indicate whether your system received and processed the [Execution Report - New Order](#).

Manual Order Indicator for Manual System

The purpose of this test case is to verify how the client system is using the Manual Order Indicator tag.

Pre-Registered or On-Demand Format



Note: This test is used for both Pre-Registered and On-Demand formats. The below image shows the Pre-Registered format version of the test.

Interview Test Suite **Test Case** Post Certification Help

Steps of the test: Manual Order Indicator for Manual System for Pre-Registered Format

This test could take up to several minutes. Please do not close the window during the test. Closing window/stopping test requires to rerun the test from step 1.

Purpose
The purpose of this test case is to verify how customer is using Manual Order Indicator tag.

Contracts : 06AZ1-06AU1-06AZ1-06AU1 - 640 **Select**

Category	IP	Port
Incremental Feed A	224.0.28.79	11640
Incremental Feed B	224.0.25.101	11740
Snapshot MBP	224.0.28.123	19640
Snapshot MBO	224.0.25.254	20640
Instrument Replay	224.0.28.79	16640

Category: Link
Templates File: templates_FixBinary.xml
Configuration File: config.xml

Description	Flag	Status
1 Over an iLink connection, submit a Limit Day Order with the proper Manual Order Indicator tag.		Not Tested
2 Receive and Process Execution Report - New Order		Not Tested

REFRESH

Key: not tested complete pending failed



Note: If a test is not proceeding to the next step, selecting the Refresh button (**REFRESH**) below the test steps may resolve the issue.



To run a Manual Order Indicator for Manual System test:

1. Select a **SenderComp** from the drop-down and select **ASSIGN** if a SenderComp is not already assigned.
2. From the **Contracts** drop-down, select the desired contract if the contract is not already locked.
3. Select the **START TEST** button.



Note: **DO NOT** select the **START TEST** button once the test is in progress.

4. Over an iLink connection, submit a [Limit Day Order](#) with the proper Manual Order Indicator tag.
5. Select **Yes** or **No** to indicate whether your system received and processed the [Execution Report - New Order](#).

Manual Order Indicator for Semi Automated System

The purpose of this test case is to verify how the client system is using the Manual Order Indicator tag.

Pre-Registered or On-Demand Format



Note: This test is used for both Pre-Registered and On-Demand formats. The below image shows the Pre-Registered format version of the test.

Interview Test Suite **Test Case** Post Certification Help

Steps of the test: Manual Order Indicator for Semi Automated System for Pre-Registered Format

This test could take up to several minutes. Please do not close the window during the test. Closing window/stopping test requires to rerun the test from step1.

Purpose
The purpose of this test case is to verify how customer is using Manual Order Indicator tag.

Contracts : **Select**

Category	IP	Port
Incremental Feed A	224.0.28.79	11640
Incremental Feed B	224.0.25.101	11740
Snapshot MBP	224.0.28.123	19640
Snapshot MBO	224.0.25.254	20640
Instrument Replay	224.0.28.79	16640

Category: Link:

Templates File: [templates_FixBinary.xml](#)

Configuration File: [config.xml](#)

Description	Flag	Status
1 Over an iLink connection, submit a Limit Day Order with Manual Order Indicator tag set to 1.		Not Tested
2 Receive and Process Execution Report - New Order		Not Tested
3 Submit a Limit Day Order with Manual Order Indicator tag set to 0.		Not Tested
4 Receive and process Execution Report - New Order		Not Tested

Key: not tested complete pending failed

REFRESH



Note: If a test is not proceeding to the next step, selecting the Refresh button (**REFRESH**) below the test steps may resolve the issue.



To run a Manual Order Indicator for Semi Automated System test:

1. Select a **SenderComp** from the drop-down and select **ASSIGN** if a SenderComp is not already assigned.
2. From the **Contracts** drop-down, select the desired contract if the contract is not already locked.
3. Select the **START TEST** button.



Note: DO NOT select the **START TEST** button once the test is in progress.

4. Over an iLink connection, submit a [Limit Day Order](#) with the Manual Order Indicator (tag 1028-ManualOrderIndicator) set to 1.
5. Select **Yes** or **No** to indicate whether your system received and processed the [Execution Report - New Order](#).
6. Submit a Limit Day Order with Manual Order Indicator tag set to 0.
7. Select **Yes** or **No** to indicate whether your system received and processed the Execution Report - New Order.

Manual Order Indicator for ATS System (Mass Quotes)

The purpose of this test case is to verify how the client system is using the Manual Order Indicator tag.

Pre-Registered or On-Demand Format



Note: This test is used for both Pre-Registered and On-Demand formats. The below image shows the Pre-Registered format version of the test.

Interview Test Suite **Test Case** Post Certification Help index

Steps of the test: Manual Order Indicator for ATS System (Mass Quotes) for Pre-Registered Format

This test could take up to several minutes. Please do not close the window during the test. Closing window/stopping test requires to rerun the test from step 1.

Purpose
The purpose of this test case is to verify how customer is using Manual Order Indicator tag.

Selected Contract : EBONDI_3_45_07/06.EBONDI_4_0_10/04.EBONDI_1_10_11/50-709 **Unlock**

Category	IP	Port
Incremental Premium Feed A	233.143.214.12	15709
Incremental Premium Feed B	233.143.214.140	16709
Incremental Confated Feed A	233.143.214.27	15710
Incremental Confated Feed B	233.143.214.155	16710
Premium Snapshot MBP	233.143.214.14	22709
Premium Snapshot MBO	233.143.214.13	20709
Confated Snapshot MBP & MBOLD	233.143.214.28	22710
Instrument Replay Premium	233.143.214.15	14709
Instrument Replay Confated	233.143.214.29	14710
TCP Confated Feed	69.50.113.171	9054

Category	Link
Templates File:	templates_FixBinary.xml
Premium Configuration File:	config.xml
Confated Configuration File:	config.xml
TCP Session Management SBE Schema:	templates_MdpSessionMgmt.xml

Note: Press the Start Test button to start or restart a Test. Please do not press the Start Test button again if you are currently running this test. **START TEST**

Description	Flag	Status
1 Over an iLink connection, submit a two-sided Mass Quote with the proper Manual Order Indicator tag set to 0		Not Tested
2 Receive and process Mass Quote Acknowledgment		Not Tested

REFRESH

Key: not tested complete pending failed



Note: If a test is not proceeding to the next step, selecting the Refresh button (**REFRESH**) below the test steps may resolve the issue.



To run a Manual Order Indicator for ATS System (Mass Quotes) test:

1. Select a **SenderComp** from the drop-down and select **ASSIGN** if a SenderComp is not already assigned.
2. From the **Contracts** drop-down, select the desired contract if the contract is not already locked.
3. Select the **START TEST** button.



Note: DO NOT select the **START TEST** button once the test is in progress.

4. Over an iLink connection, submit a [two-sided Mass Quote](#) with the Manual Order Indicator tag set to 0.
5. Select **Yes** or **No** to indicate whether your system received and processed the [Mass Quote Acknowledgment](#).

Manual Order Indicator for Manual System (Mass Quotes)

The purpose of this test case is to verify how the client system is using the Manual Order Indicator tag.

Pre-Registered or On-Demand Format

Note: This test is used for both Pre-Registered and On-Demand formats. The below image shows the Pre-Registered format version of the test.

Steps of the test: Manual Order Indicator for Manual System (Mass Quotes) for Pre-Registered Format

This test could take up to several minutes. Please do not close the window during the test. Closing window/stopping test requires to rerun the test from step 1.

Purpose
The purpose of this test case is to verify how customer is using Manual Order Indicator tag.

Selected Contract : EBONDI_3_45_0760.EBONDI_4_0_1064.EBONDI_1_10_1150-709 **Unlock**

Category	IP	Port
Incremental Premium Feed A	233.143.214.12	15709
Incremental Premium Feed B	233.143.214.140	16709
Incremental Confiated Feed A	233.143.214.27	15710
Incremental Confiated Feed B	233.143.214.155	16710
Premium Snapshot MBP	233.143.214.14	22709
Premium Snapshot MBO	233.143.214.13	20709
Confiated Snapshot MBP & MBOLD	233.143.214.28	22710
Instrument Replay Premium	233.143.214.15	14709
Instrument Replay Confiated	233.143.214.29	14710
TCP Confiated Feed	69.50.113.171	9054

Link

Category	Link
Templates File:	templates_FxBinary.xml
Premium Configuration File:	config.xml
Confiated Configuration File:	config.xml
TCP Session Management SBE Schema:	templates_MdpSessionMgmt.xml

Note: Press the Start Test button to start or restart a Test. Please do not press the Start Test button again if you are currently running this test. **START TEST**

Description	Flag	Status
1 Over an iLink connection, submit a two-sided Mass Quote with the proper Manual Order Indicator tag set to 1		Not Tested
2 Receive and process Mass Quote Acknowledgment		Not Tested

Key: not tested complete pending failed

REFRESH

Note: If a test is not proceeding to the next step, selecting the Refresh button (**REFRESH**) below the test steps may resolve the issue.

To run a Manual Order Indicator for Manual System (Mass Quotes) test:

1. Select a **SenderComp** from the drop-down and select **ASSIGN** if a SenderComp is not already assigned.
2. From the **Contracts** drop-down, select the desired contract if the contract is not already locked.
3. Select the **START TEST** button.

Note: **DO NOT** select the **START TEST** button once the test is in progress.

4. Over an iLink connection, submit a [two-sided Mass Quote](#) with the Manual Order Indicator tag set to 1.
5. Select **Yes** or **No** to indicate whether your system received and processed the [Mass Quote Acknowledgment](#).

Manual Order Indicator for Semi Automated System (Mass Quotes)

The purpose of this test case is to verify how the client system is using the Manual Order Indicator tag.

Pre-Registered or On-Demand Format



Note: This test is used for both Pre-Registered and On-Demand formats. The below image shows the Pre-Registered format version of the test.

Interview Test Suite **Test Case** Post Certification Help

Steps of the test: Manual Order Indicator for Semi Automated System (Mass Quotes) for Pre-Registered Format

This test could take up to several minutes. Please do not close the window during the test. Closing window/stopping test requires to rerun the test from step 1.

Purpose
The purpose of this test case is to verify how customer is using Manual Order Indicator tag.

Selected Contract : EBOND#_3_45_07/66.EBOND#_4_0_10/64.EBOND#_1_10_11/50-709 **Unlock**

Category	IP	Port
Incremental Premium Feed A	233.143.214.12	15709
Incremental Premium Feed B	233.143.214.140	16709
Incremental Confilated Feed A	233.143.214.27	15710
Incremental Confilated Feed B	233.143.214.155	16710
Premium Snapshot MBP	233.143.214.14	22709
Premium Snapshot MBO	233.143.214.13	20709
Confilated Snapshot MBP & MBOLD	233.143.214.28	22710
Instrument Replay Premium	233.143.214.15	14709
Instrument Replay Confilated	233.143.214.29	14710
TCP Confilated Feed	69.50.113.171	9054

Category	Link
Templates File:	templates_FixBinary.xml
Premium Configuration File:	config.xml
Confilated Configuration File:	config.xml
TCP Session Management SBE Schema:	templates_MdoSessionMgmt.xml

Note: Press the Start Test button to start or restart a Test. Please do not press the Start Test button again if you are currently running this test. **START TEST**

Description	Flag	Status
1 Over an iLink connection, submit a two-sided Mass Quote with Manual Order Indicator tag set to 1		Not Tested
2 Receive and process Mass Quote Acknowledgment		Not Tested
3 Over an iLink connection, submit a two-sided Mass Quote with Manual Order Indicator tag set to 0		Not Tested
4 Receive and process Mass Quote Acknowledgment		Not Tested

Key: not tested complete pending failed

REFRESH



Note: If a test is not proceeding to the next step, selecting the Refresh button (**REFRESH**) below the test steps may resolve the issue.



To run a Manual Order Indicator for Semi Automated System (Mas Quotes) test:

1. Select a **SenderComp** from the drop-down and select **ASSIGN** if a SenderComp is not already assigned.
2. From the **Contracts** drop-down, select the desired contract if the contract is not already locked.
3. Select the **START TEST** button.



Note: DO NOT select the **START TEST** button once the test is in progress.

4. Over an iLink connection, submit a [two-sided Mass Quote](#) with the Manual Order Indicator tag set to 1.
5. Select **Yes** or **No** to indicate whether your system received and processed the [Mass Quote Acknowledgment](#).
6. Over an iLink connection, submit a [two-sided Mass Quote](#) with the Manual Order Indicator tag set to 0.
7. Select **Yes** or **No** to indicate whether your system received and processed the [Mass Quote Acknowledgment](#).

Mass Quote Submission

The purpose of this test is to verify that the client system can submit a Mass Quote and receive and process the Acknowledgment, Fill, Trade Correction, Trade Cancellation and Reject messages.

Pre-Registered or On-Demand Format

Note: This test is used for both Pre-Registered and On-Demand formats. The below image shows the Pre-Registered format version of the test.

Interview Test Suite **Test Case** Post Certification Help

Steps of the test: Mass Quote Submission for Pre-Registered Format

This test could take up to several minutes. Please do not close the window during the test. Closing window/stopping test requires to rerun the test from step 1.

Purpose
The purpose of this test is to verify that the client system can submit a Mass Quote and receive and process the Acknowledgment, Fill, Trade Correction, Trade Cancellation and Reject messages.

Contracts : 08MMQ C0375,08MMQ PQ375,18MMQ C0375 - 613 Select

Category	IP	Port
Incremental Feed A	224.0.28.79	11013
Incremental Feed B	224.0.25.101	11713
Snapshot MBP	224.0.28.79	10013
Snapshot MBO		
Instrument Replay	224.0.28.79	10013
Category	Link	
Template File:	templates_PxBinary.xml	
Configuration File:	confip.xml	

Description	Flag	Status
1 Over an iLink connection, submit a two-sided Mass Quote with at least 3 quotes from the same instrument group, each having a quantity greater than 10. A partial fill, complete fill, trade correction and trade cancellation will be simulated from this Mass Quote		Not Tested
2 Receive and process Mass Quote Acknowledgment		Not Tested
3 Receive and process Execution Report - Trade Outright (Partially Filled)		Not Tested
4 Receive and process Execution Report - Trade Addendum Outright (Correction)		Not Tested
5 Receive and process Execution Report - Trade Outright (Filled)		Not Tested
6 Receive and Process Execution Report - Trade Addendum Outright (Cancellation)		Not Tested
7 Submit a two-sided Mass Quote for the instrument with at least 2 quotes from the same instrument group. A market close will be simulated so an Acknowledgment Reject message will be returned from this Mass Quote		Not Tested
8 Receive and Process Mass Quote Acknowledgment - Reject message		Not Tested
9 Submit a two-sided Mass Quote for the instrument with at least 2 quotes from the same instrument group, each having a quantity greater than 10. The system will change the price of one quote to simulate a rejected quote		Not Tested
10 Receive and Process Mass Quote Acknowledgment		Not Tested
11 Receive and Process Execution Report - Trade Outright (Filled)		Not Tested

Key: ⦿ not tested ● complete ● pending ● failed

REFRESH

Note: If a test is not proceeding to the next step, selecting the Refresh button (**REFRESH**) below the test steps may resolve the issue.

To run a Mass Quote Submission test:

1. Select a **SenderComp** from the drop-down and select **ASSIGN** if a SenderComp is not already assigned.
2. From the **Contracts** drop-down, select the desired contract if the contract is not already locked.
3. Select the **START TEST** button.

Note: DO NOT select the **START TEST** button once the test is in progress.

4. Over an iLink connection, submit a two-sided [Mass Quote](#) with at least 3 quotes from the same instrument group, each having a quantity greater than 10. A partial fill, complete fill, trade correction and trade cancellation will be simulated from this Mass Quote.
5. Select **Yes** or **No** to indicate whether your system received and processed the [Mass Quote Acknowledgment](#).
6. Select **Yes** or **No** to indicate whether your system received and processed the [Execution Report - Trade Outright \(Partially Filled\)](#).
7. Enter the tag 31-LastPx value to indicate that your system received the [Execution Report - Trade Addendum Outright \(Correction\)](#).

8. Select **Yes** or **No** to indicate whether your system received and processed the Execution Report - Trade Outright (Filled).
9. Select **Yes** or **No** to indicate whether your system received and processed the Execution Report - Trade Addendum Outright (Cancellation).
10. Submit a two-sided Mass Quote for the instrument with at least 2 quotes from the same instrument group. A market close will be simulated so an Acknowledgment Reject message will be returned from this Mass Quote.
11. Select **Yes** or **No** to indicate whether your system received and processed the [Mass Quote Acknowledgment - Reject](#) message.
12. Submit a two-sided Mass Quote for the instrument with at least 2 quotes from the same instrument group, each having a quantity greater than 10. The system will change the price of one quote to simulate a rejected quote.
13. Select **Yes** or **No** to indicate whether your system received and processed the Mass Quote Acknowledgment.
14. Select **Yes** or **No** to indicate whether your system received and processed the Execution Report - Trade Outright (Filled).

Modify Quote Price and Quantity

The purpose of this test is to verify that the client system can modify the price and quantity for quote entries, including zero-out cancellation.

Pre-Registered or On-Demand Format



Note: This test is used for both Pre-Registered and On-Demand formats. The below image shows the Pre-Registered format version of the test.

Interview Test Suite **Test Case** Post Certification Help

Steps of the test: Modify Quote Price and Quantity for Pre-Registered Format

This test could take up to several minutes. Please do not close the window during the test. Closing window/stopping test requires to rerun the test from step 1.

Purpose
The purpose of this test is to verify that the client system can modify the price and quantity for quote entries, including zero-out cancellation.

Selected Contract : 06MM0 C0375,06MM0 P0375,16MM0 C0375-613 **Unlock**

Category	IP	Port
Incremental Feed A	224.0.28.79	11613
Incremental Feed B	224.0.25.101	11713
Snapshot MBP	224.0.28.79	19613
Snapshot MBO		
Instrument Replay	224.0.28.79	16613

Category **Link**
Templates File: [templates_FixBinary.xml](#)
Configuration File: [config.xml](#)

Note: Press the Start Test button to start or restart a Test. Please do not press the Start Test button again if you are currently running this test. **START TEST**

Description	Flag	Status
1 Over an iLink connection, submit a two-sided Mass Quote with at least 2 quotes from the same instrument group		Not Tested
2 Receive and process Mass Quote Acknowledgement		Not Tested
3 Submit a two-sided Mass Quote with one of the same quotes used in the original Mass Quote (using the same security description and quote entry ID), modifying the price and quantity of a quote		Not Tested
4 Receive and process a Quote Acknowledgement message		Not Tested

REFRESH

Key: not tested complete pending failed



Note: If a test is not proceeding to the next step, selecting the Refresh button (**REFRESH**) below the test steps may resolve the issue.



To run a Modify Quote Price and Quantity test:

1. Select a **SenderComp** from the drop-down and select **ASSIGN** if a SenderComp is not already assigned.
2. From the **Contracts** drop-down, select the desired contract if the contract is not already locked.
3. Select the **START TEST** button.



Note: DO NOT select the **START TEST** button once the test is in progress.

4. Over an iLink connection, submit a two-sided [Mass Quote](#) with at least 2 quotes from the same instrument group.
5. Select **Yes** or **No** to indicate whether your system received and processed the [Mass Quote Acknowledgment](#).
6. Submit a two-sided Mass Quote with one of the same quotes used in the original Mass Quote (using the same security description and quote entry ID), modifying the price and quantity of a quote.
7. Select **Yes** or **No** to indicate whether your system received and processed the Quote Acknowledgment message.

Multiple Cancel Replace

The purpose of this test is to verify that the client system can submit an order and then modify it several times (price, quantity) with and without a change of priority in the book.

Pre-Registered or On-Demand Format

Note: This test is used for both Pre-Registered and On-Demand formats. The below image shows the Pre-Registered format version of the test.

Steps of the test: Multiple Cancel Replace for Pre-Registered Format

This test could take up to several minutes. Please do not close the window during the test. Closing window/stopping test requires to rerun the test from step 1.

Purpose
The purpose of this test is to verify that the client system can submit an order and then modify it several times (price, quantity) with and without change of priority in the book.

Contracts :

Category	Instrument	IP	Port
Incremental Feed A	224.0.28.79	11640	
Incremental Feed B	224.0.25.101	11740	
Snapshot MBP	224.0.28.123	19640	
Snapshot MBO	224.0.25.254	20640	
Instrument Replay	224.0.28.79	19640	

Category: Link: [templates_FixBinary.xml](#)
Configuration File: [config.xml](#)

Description	Flag	Status
1 Over an iLink connection, submit a Limit Day Order for the instrument	<input type="radio"/>	Not Tested
2 Receive and process Execution Report - New Order	<input type="radio"/>	Not Tested
3 Submit an Order Cancel/Replace Request for the instrument, changing the quantity	<input type="radio"/>	Not Tested
4 Receive and process Execution Report - Modify	<input type="radio"/>	Not Tested
5 Submit an Order Cancel/Replace Request for the instrument, changing the price	<input type="radio"/>	Not Tested
6 Receive and process Execution Report - Modify	<input type="radio"/>	Not Tested
7 Submit an Order Cancel/Replace Request for the instrument, changing the price and quantity	<input type="radio"/>	Not Tested
8 Receive and process Execution Report - Modify	<input type="radio"/>	Not Tested
9 Receive and process Execution Report - Trade Outright	<input type="radio"/>	Not Tested

Key: ☐ not tested ☒ complete ☐ pending ☐ failed

Note: If a test is not proceeding to the next step, selecting the Refresh button () below the test steps may resolve the issue.

To run a Multiple Cancel Replace test:

1. Select a **SenderComp** from the drop-down and select **ASSIGN** if a SenderComp is not already assigned.
2. From the **Contracts** drop-down, select the desired contract if the contract is not already locked.
3. Select the **START TEST** button.

Note: DO NOT select the **START TEST** button once the test is in progress.

4. Over an iLink connection, submit a [Limit Day Order](#) for the instrument.
5. Select **Yes** or **No** to indicate whether your system received and processed the [Execution Report - New Order](#).
6. Submit an [Order Cancel/Replace Request](#) for the instrument, changing the quantity.
7. Select **Yes** or **No** to indicate whether your system received and processed the [Execution Report - Modify](#).
8. Submit an Order Cancel/Replace Request for the instrument, changing the price.
9. Select **Yes** or **No** to indicate whether your system received and processed the Execution Report - Modify.
10. Submit an Order Cancel/Replace Request for the instrument, changing the price and quantity.
11. Select **Yes** or **No** to indicate whether your system received and processed the Execution Report - Modify.
12. Select **Yes** or **No** to indicate whether your system received and processed the [Execution Report - Trade Outright](#).

Only Best Order

The purpose of this test is to verify that your application can:

- submit an Only Best limit order
- receive and process the Execution Reports

Pre-Registered or On-Demand Format



Note: This test is used for both Pre-Registered and On-Demand formats. The below image shows the Pre-Registered format version of the test.

Interview Test Suite **Test Case** Post Certification Help

Steps of the test: Only Best Order Test for Pre-Registered format

This test could take up to several minutes. Please do not close the window during the test. Closing window/stopping test requires to rerun the test from step 1.

Purpose
The purpose of this test is to verify that your application can submit an Only Best limit order and receive and process the Execution Reports.

Selected Contract : UB79_5/8_53/27-700 **Unlock**

Category	IP	Port
Incremental Premium Feed A	233.143.214.5	15700
Incremental Premium Feed B	233.143.214.132	16700
Incremental Confated Feed A	233.143.214.19	15701
Incremental Confated Feed B	233.143.214.147	16701
Premium Snapshot MBP	233.143.214.6	22700
Premium Snapshot MBO	233.143.214.6	20700
Confated Snapshot MBP & MBOLD	233.143.214.20	22701
Instrument Replay Premium	233.143.214.7	
Instrument Replay Confated	233.143.214.21	14701
TCP Confated Feed		

Category	Link
Templates File:	templates_FtoBinary.xml
Premium Configuration File:	confio.xml
Confated Configuration File:	confio.xml
TCP Session Management SBE Schema:	templates_MdcSessionMont.xml

Note: Press the Start Test button to start or restart a Test. Please do not press the Start Test button again if you are currently running this test. **START TEST**

Description	Flag	Status
1 Over an iLink connection, send an Only Best Order message with quantity greater than 1 and a price that makes it to the top of the book as best order.		Not Tested
2 Receive and Process Execution Report - New Order message.		Not Tested

REFRESH

Key: not tested complete pending failed



Note: If a test is not proceeding to the next step, selecting the Refresh button (**REFRESH**) below the test steps may resolve the issue.



To run an Only Best Order test:

1. Select a **SenderComp** from the drop-down and select **ASSIGN** if a SenderComp is not already assigned.
2. From the **Contracts** drop-down, select the desired contract if the contract is not already locked.
3. Select the **START TEST** button.



Note: DO NOT select the **START TEST** button once the test is in progress.

4. Over an iLink connection, send an [Only Best Order](#) message with quantity greater than 1 and a price that makes it to the top of the book as best order.
5. Select **Yes** or **No** to indicate whether your system received and processed the [Execution Report - New Order](#) message.

Outright Complete Order

The purpose of this test is to verify that your application can submit a limit order and receive and process the Execution Reports (Ack,Fill,Elimination,Correction,Bust) for an outright instrument.

Pre-Registered or On-Demand Format



Note: This test is used for both Pre-Registered and On-Demand formats. The below image shows the Pre-Registered format version of the test.

Interview Test Suite **Test Case** Post Certification Help

Steps of the test: Outright Complete Order Test for Pre-Registered Format

This test could take up to several minutes. Please do not close the window during the test. Closing window/stopping test requires to rerun the test from step 1.

Purpose
The purpose of this test is to verify that your application can submit a limit order and receive and process the Execution Reports (Ack,Fill,Elimination,Correction,Bust) for an outright instrument.

Contracts : **Select**

Category	IP	Port
Incremental Feed A	224.0.28.79	11640
Incremental Feed B	224.0.25.101	11740
Snapshot MBP	224.0.28.123	19640
Snapshot MBO	224.0.25.254	20640
Instrument Replay	224.0.28.79	16640

Category: Link: [templates_FixBinary.xml](#)
 Templates File: [config.xml](#)
 Configuration File:

Description	Flag	Status
1 Over an iLink connection, send a Limit Day Order message with a quantity greater than 1 for the selected dummy instrument		Not Tested
2 Receive and Process Execution Report - New Order message		Not Tested
3 Receive and Process Execution Report - Trade Outright		Not Tested
4 Receive and Process Execution Report - Trade Addendum Outright (Correction)		Not Tested
5 Receive and Process Execution Report - Trade Addendum Outright (Cancellation)		Not Tested
6 Submit a Limit Day Order for the instrument		Not Tested
7 Receive and process an Execution Report - Elimination		Not Tested

Key: not tested complete pending failed

REFRESH



Note: If a test is not proceeding to the next step, selecting the Refresh button (**REFRESH**) below the test steps may resolve the issue.



To run an Outright Complete Order test:

1. Select a **SenderComp** from the drop-down and select **ASSIGN** if a SenderComp is not already assigned.
2. From the **Contracts** drop-down, select the desired contract if the contract is not already locked.
3. Select the **START TEST** button.



Note: DO NOT select the **START TEST** button once the test is in progress.

4. Over an iLink connection, send a [Limit Day Order](#) message with a quantity greater than 1 for the selected dummy instrument.
5. Receive and process an [Execution Report - New Order](#) message.
6. Receive and process an [Execution Report - Trade Outright](#).
7. Receive and process an [Execution Report - Trade Addendum Outright \(Correction\)](#).
8. Receive and process an Execution Report - Trade Addendum Outright (Cancellation).
9. Submit a Limit Day Order for the instrument.
10. Receive and process an [Execution Report - Elimination](#).

Pre-Registration of Administrative Information in Service Gateway

The purpose of this test is to verify the client system can properly connect to the Order Entry Service Gateway (OESGW) for submitting both [Party Details Definition Request](#) messages and [Party Details List Request](#) messages and submit an order with the pre-registered administrative information.

Note: For this test the session sequence numbers will be reset to one.

Interview Test Suite **Test Case** Post Certification Help

Steps of the test: Pre-registration of administrative information in Service Gateway for Pre-Registered Format

This test could take up to several minutes. Please do not close the window during the test. Closing window/stopping test requires to rerun the test from step 1.

Purpose
The purpose of this test is to verify the client system can properly connect to Order Entry Service Gateway (OESGW) for submitting both Party Details Definition Request messages and Party Details List Request messages and submit an order with the pre-registered administrative information. Please note for this test the session sequence numbers will be reset to one.

Note: Press the Start Test button to start or restart a Test. Please do not press the Start Test button again if you are currently running this test. **START TEST**

Description	Flag	Status
1 Sequence numbers have been reset to simulate the beginning of the week. Over a Service Gateway connection IP, customer sends the Negotiate message to initiate a connection.		Not Tested
2 Receive and process Negotiation Response		Not Tested
3 Submit an Establish message to bind connection with Service Gateway.		Not Tested
4 Receive and process Establishment Acknowledgment		Not Tested
5 Submit a Party Details Definition Request (35=CX) message to Service Gateway		Not Tested
6 Receive and process Party Details Definition Request Acknowledgment		Not Tested
7 Submit a Party Details List Request (35=CF) message to Service Gateway		Not Tested
8 Receive and process Party Details List Report. Input the below with last Party Details List Report received		Not Tested

REFRESH

Key: not tested complete pending failed

Note: If a test is not proceeding to the next step, selecting the Refresh button (**REFRESH**) below the test steps may resolve the issue.

To run a Pre-Registration of Administrative Information in Service Gateway test:

1. Select a **SenderComp** from the drop-down and select **ASSIGN** if a SenderComp is not already assigned.
2. Select the **START TEST** button.

Note: DO NOT select the **START TEST** button once the test is in progress.

3. Sequence numbers have been reset to simulate the beginning of the week. Over a Service Gateway connection IP, send a [Negotiate](#) message to initiate a connection.
4. Receive and process [Negotiation Response](#).
5. Submit an [Establish](#) message to bind the connection with the Service Gateway.
6. Receive and process [Establishment Acknowledgment](#).
7. Submit a [Party Details Definition Request \(35=CX\)](#) message to Service Gateway.
8. Enter the tag 1505-PartyDetailsListRequestID value to indicate that your system received and processed the [Party Details Definition Request Acknowledgment](#).
9. Submit a [Party Details List Request \(35=CF\)](#) message to Service Gateway.
10. Enter the following tag values to indicate that your system received and processed the [Party Details List Report](#):

- tag 1512-TotNoParties
- tag 893-LastFragment

Process a Business-Level Reject Message

The purpose of this test is to verify that your application can process a business-level reject message sent in response to a Security Definition Request message.

Pre-Registered or On-Demand Format

Note: This test is used for both Pre-Registered and On-Demand formats. The below image shows the Pre-Registered format version of the test.

Steps of the test: Process a Business-Level Reject message for Pre-Registered format

This test could take up to several minutes. Please do not close the window during the test. Closing window/stopping test requires to rerun the test from step1.

Purpose
The Purpose of this test is to verify that your application can process a business-level reject message sent in response to a Security Definition Request message.

Selected Contract : U2-25#UQ3A56A2GMOX-716 **Unlock**

Category	IP	Port
TCP Conflated Feed		
Category	Link	
Templates File:	templates_FixBinary.xml	
TCP Session Management SBE Schema:	templates_MdcSessionMont.xml	

Note: Press the Start Test button to start or restart a Test. Please do not press the Start Test button again if you are currently running this test. **START TEST**

Description	Flag	Status
1 Send a Security Definition Request to create a tailor made repo instrument using the locked instrument		Not Tested
2 Receive and process Business Reject Message in response to Security Definition Request message		Not Tested

REFRESH

Key: not tested complete pending failed

Note: If a test is not proceeding to the next step, selecting the Refresh button (**REFRESH**) below the test steps may resolve the issue.

To run a Process a Business-Level Reject Message test:

1. Select a **SenderComp** from the drop-down and select **ASSIGN** if a SenderComp is not already assigned.
2. From the **Contracts** drop-down, select the desired contract if the contract is not already locked.
3. Select the **START TEST** button.

Note: DO NOT select the **START TEST** button once the test is in progress.

4. Send a [Security Definition Request](#) to create a tailor made instrument using the locked instrument.
5. Select **Yes** or **No** to indicate whether your system received and processed the [Business Reject](#) message in response to the Security Definition Request message.

Process a Security Definition Reject in Response to a Security Definition Request

The purpose of this test is to verify that your application can process a Security Definition Reject message.

Pre-Registered or On-Demand Format

Note: This test is used for both Pre-Registered and On-Demand formats. The below image shows the Pre-Registered format version of the test.

Steps of the test: Process a Security Definition Reject in response to a Security Definition Request for Pre-Registered format

This test could take up to several minutes. Please do not close the window during the test. Closing window/stopping test requires to rerun the test from step1.

Purpose
The Purpose of this test is to verify that your application can process a Security Definition Reject message.

Selected Contract : U2-25#UQ3A56A2GMOX-715 **Unlock**

Category	IP	Port
TCP Conflated Feed		

Category	Link
Templates File:	templates_FixBinary.xml
TCP Session Management SBE Schema:	templates_MdcSessionMont.xml

Note: Press the Start Test button to start or restart a Test. Please do not press the Start Test button again if you are currently running this test.

START TEST

Description	Flag	Status
1 Send a Security Definition Request to create a tailor made repo instrument using the locked instrument		Not Tested
2 Receive and process Security Definition Response Reject message in response to Security Definition Request message		Not Tested

REFRESH

Keys: not tested complete pending failed

Note: If a test is not proceeding to the next step, selecting the Refresh button (**REFRESH**) below the test steps may resolve the issue.

To run a Process a Security Definition Reject in Response to a Security Definition Request test:

1. Select a **SenderComp** from the drop-down and select **ASSIGN** if a SenderComp is not already assigned.
2. From the **Contracts** drop-down, select the desired contract if the contract is not already locked.
3. Select the **START TEST** button.

Note: DO NOT select the **START TEST** button once the test is in progress.

4. Send a [Security Definition Request](#) to create a tailor made repo instrument using the locked instrument.
5. Select **Yes** or **No** to indicate whether your system received and processed the [Security Definition Response - Reject](#) message in response to the Security Definition Request message.

Processing Rejects

The purpose of this test is to verify that your application can receive and process reject messages.

- [Processing Rejects](#)
- [Pre-Registered or On-Demand Format \(FAK Only\)](#)

Pre-Registered or On-Demand Format



Note: This test is used for both Pre-Registered and On-Demand formats. The below image shows the Pre-Registered format version of the test.

Steps of the test: Processing Rejects Test for Pre-Registered Format

This test could take up to several minutes. Please do not close the window during the test. Closing window/stopping test requires to rerun the test from step 1.

Purpose
The purpose of this test is to verify that your application can receive and process reject messages.

Selected Contract: 3CLM1-3CLQ1-3CLM1-3CLQ1-443 **Unlock**

Category	IP	Port
Incremental Feed A	224.0.28.124	11643
Incremental Feed B	224.0.25.101	11743
Snapshot MBP	224.0.28.79	19643
Snapshot MBO	224.0.25.254	20643
Instrument Replay	224.0.28.124	16643

Category: [templates_FixBinary.xml](#)

Note: Press the Start Test button to start or restart a Test. Please do not press the Start Test button again if you are currently running this test. **START TEST**

Description	Flag	Status
1 Over an iLink Connection, submit a Limit Day Order for the instrument	<input type="radio"/>	Not Tested
2 Receive and Process Execution Report - Reject correctly	<input type="radio"/>	Not Tested
3 Submit a Limit Day Order for the instrument	<input type="radio"/>	Not Tested
4 Receive and Process Business Reject correctly	<input type="radio"/>	Not Tested
5 Submit a Limit Day Order for the instrument. Receive and process an Execution Report or Not Applied message.	<input type="radio"/>	Not Tested
6 Submit a Limit Day Order for the instrument	<input type="radio"/>	Not Tested
7 Receive and Process Execution Report - New Order	<input type="radio"/>	Not Tested
8 Submit a Cancel message for the order placed in step 6	<input type="radio"/>	Not Tested
9 Receive and Process Order Cancel Reject correctly	<input type="radio"/>	Not Tested
10 Submit a Limit Day Order for the instrument	<input type="radio"/>	Not Tested
11 Receive and Process Execution Report - New Order	<input type="radio"/>	Not Tested
12 Submit a Cancel/Replace message for the order placed in step 10	<input type="radio"/>	Not Tested
13 Receive and Process Order Cancel Replace Reject correctly	<input type="radio"/>	Not Tested

Key: ☐ not tested ☒ complete ☐ pending ☐ failed

REFRESH



Note: If a test is not proceeding to the next step, selecting the Refresh button (**REFRESH**) below the test steps may resolve the issue.



To run a Processing Rejects test:

1. Select a **SenderComp** from the drop-down and select **ASSIGN** if a SenderComp is not already assigned.
2. From the **Contracts** drop-down, select the desired contract if the contract is not already locked.
3. Select the **START TEST** button.



Note: DO NOT select the **START TEST** button once the test is in progress.

4. Over an iLink connection, submit a [Limit Day Order](#) for the instrument.
5. Select **Yes** or **No** to indicate whether your system received and processed the [Execution Report - Reject](#) correctly.
6. Submit a Limit Day Order for the instrument.
7. Select **Yes** or **No** to indicate whether your system received and processed the [Business Reject](#) correctly.
8. Submit a Limit Day Order for the instrument. Receive and process the Execution Report or [Not Applied](#) message.

9. Submit a Limit Day Order for the instrument.
10. Select **Yes** or **No** to indicate whether your system received and processed the [Execution Report - New Order](#).
11. Submit an [Order Cancel Request](#) message for the order placed in step 5.
12. Select **Yes** or **No** to indicate whether your system received and processed the [Order Cancel Reject](#) correctly.

Note: The remaining steps are only required for client systems that support Order Cancel-Replace functionality.

13. Submit a Limit Day Order for the instrument.
14. Select **Yes** or **No** to indicate whether your system received and processed the Execution Report - New Order.
15. Submit a [Order Cancel/Replace Request](#) message for the order placed in step 9.
16. Select **Yes** or **No** to indicate whether your system received and processed the [Order Cancel Replace Reject](#) correctly.

Pre-Registered or On-Demand Format (FAK Only)

Note: This test is used for both Pre-Registered and On-Demand formats. The below image shows the Pre-Registered format version of the test.

Interview Test Suite **Test Case** Post Certification Help

Steps of the test: Processing Rejects FAK Test for Pre-Registered Format

This test could take up to several minutes. Please do not close the window during the test. Closing window/stopping test requires to rerun the test from step 1.

Purpose
The purpose of this test is to verify that your application can receive and process reject messages

Selected Contract : 3CLM1,3CLQ1,3CLM1-3CLQ1-843 **Unlock**

Category	IP	Port
Incremental Feed A	224.0.28.124	11643
Incremental Feed B	224.0.25.101	11743
Snapshot MBP	224.0.28.79	19643
Snapshot MBO	224.0.25.254	20643
Instrument Replay	224.0.28.124	16643
Category	Link	
Templates File:	templates_FixBinary.xml	

Note: Press the Start Test button to start or restart a Test. Please do not press the Start Test button again if you are currently running this test. **START TEST**

Description	Flag	Status
1 Over an iLink Connection, submit a Limit FAK Order for the instrument		Not Tested
2 Receive and Process Execution Report - Reject correctly		Not Tested
3 Submit a Limit FAK Order for the instrument		Not Tested
4 Receive and Process Business Reject correctly		Not Tested
5 Submit a Limit FAK Order for the instrument. Receive and process an Execution Report or Not Applied message.		Not Tested

Key: not tested complete pending failed

REFRESH

Note: If a test is not proceeding to the next step, selecting the Refresh button (**REFRESH**) below the test steps may resolve the issue.

To run a Processing Rejects FAK test:

1. Select a **SenderComp** from the drop-down and select **ASSIGN** if a SenderComp is not already assigned.
2. From the **Contracts** drop-down, select the desired contract if the contract is not already locked.
3. Select the **START TEST** button.

Note: **DO NOT** select the **START TEST** button once the test is in progress.

3. Over an iLink connection, submit a [Limit FAK Order](#) for the instrument.
4. Select **Yes** or **No** to indicate whether your system received and processed the [Execution Report - Reject](#) correctly.
5. Submit a Limit FAK Order for the instrument.
6. Select **Yes** or **No** to indicate whether your system received and processed the [Business Reject](#) correctly.
7. Submit a Limit FAK Order for the instrument. Receive and process the Execution Report or [Not Applied](#) message.

Quote Cancellation (Cancel All Quotes)

The purpose of this test is to verify that the client system can cancel all resting quotes and receive and process a Quote Cancel Acknowledgment, including an instrument/instrument group with no resting quotes.

Pre-Registered or On-Demand Format



Note: This test is used for both Pre-Registered and On-Demand formats. The below image shows the Pre-Registered format version of the test.

Interview Test Suite **Test Case** Post Certification Help

Steps of the test: Quote Cancellation - Cancel All Quotes for Pre-Registered Format

This test could take up to several minutes. Please do not close the window during the test. Closing window/stopping test requires to rerun the test from step 1.

Purpose
The purpose of this test is to verify that the client system can cancel all resting quotes and receive and process a Quote Cancel Acknowledgment, including an instrument/instrument group with no resting quotes.

Contracts : 06MMO C0375,06MMO P0375,16MMO C0375 - 613 Select

Category	IP	Port
Incremental Feed A	224.0.28.79	11613
Incremental Feed B	224.0.25.101	11713
Snapshot MBP	224.0.28.79	11613
Snapshot MBO		
Instrument Replay	224.0.28.79	11613

Category: Link
Templates File: templates_FixBinary.xml
Configuration File: config.xml

Description	Flag	Status
1 Over an iLink connection, submit a two-sided Mass Quote with at least 2 quotes from the same instrument group		Not Tested
2 Receive and process Mass Quote Acknowledgment		Not Tested
3 Submit a Quote Cancel All message		Not Tested
4 Receive and process Quote Cancel Acknowledgment		Not Tested

Key: not tested complete pending failed

REFRESH



Note: If a test is not proceeding to the next step, selecting the Refresh button (REFRESH) below the test steps may resolve the issue.



To run a Quote Cancellation (Cancel All Quotes) test:

1. Select a **SenderComp** from the drop-down and select **ASSIGN** if a SenderComp is not already assigned.
2. From the **Contracts** drop-down, select the desired contract if the contract is not already locked.
3. Select the **START TEST** button.



Note: DO NOT select the **START TEST** button once the test is in progress.

4. Over an iLink connection, submit a two-sided [Mass Quote](#) with at least 2 quotes from the same instrument group.
5. Select **Yes** or **No** to indicate whether your system received and processed the [Mass Quote Acknowledgment](#).
6. Submit a [Quote Cancel All](#) message.
7. Select **Yes** or **No** to indicate whether your system received and processed the [Quote Cancel Acknowledgment](#).

Quote Cancellation (Instrument Group Level)

The purpose of this test is to verify that the client system can submit and process Mass Quote Cancellations at instrument group level.

Pre-Registered or On-Demand Format

Note: This test is used for both Pre-Registered and On-Demand formats. The below image shows the Pre-Registered format version of the test.

Interview Test Suite **Test Case** Post Certification Help

Steps of the test: Quote Cancellation - Instrument Group Level for Pre-Registered Format

This test could take up to several minutes. Please do not close the window during the test. Closing window/stopping test requires to rerun the test from step 1.

Purpose
The purpose of this test is to verify that the client system can submit and process Mass Quote Cancellations at Instrument Group level

Contracts : 06MMO C0375,06MMO P0375,16MMO C0375 - 613 Select

Category	IP	Port
Incremental Feed A	224.0.28.79	11613
Incremental Feed B	224.0.25.101	11713
Snapshot MBP	224.0.28.79	19613
Snapshot MBO		
Instrument Replay	224.0.28.79	16613
Category	Link	
Templates File:	templates_FixBinary.xml	
Configuration File:	config.xml	

Description	Flag	Status
1 Over an iLink connection, submit a two-sided Mass Quote with at least 2 quotes from the same instrument group		Not Tested
2 Receive and process Mass Quote Acknowledgement		Not Tested
3 Submit a second two-sided Mass Quote with quotes using a different instrument group than what was used in the first Mass Quote		Not Tested
4 Receive and process Mass Quote Acknowledgement		Not Tested
5 Submit a Quote Cancel message for the instrument group used either in the first Mass Quote or second one		Not Tested
6 Receive and process a Quote Cancel Acknowledgement		Not Tested

Key: not tested complete pending failed

REFRESH

Note: If a test is not proceeding to the next step, selecting the Refresh button (REFRESH) below the test steps may resolve the issue.

To run a Quote Cancellation (Instrument Group Level) test:

1. Select a **SenderComp** from the drop-down and select **ASSIGN** if a SenderComp is not already assigned.
2. From the **Contracts** drop-down, select the desired contract if the contract is not already locked.
3. Select the **START TEST** button.

Note: DO NOT select the **START TEST** button once the test is in progress.

4. Over an iLink connection, submit a two-sided [Mass Quote](#) with at least 2 quotes from the same instrument group.
5. Select **Yes** or **No** to indicate whether your system received and processed the [Mass Quote Acknowledgment](#).
6. Submit a second two-sided Mass Quote with quotes using a different instrument group than what was used in the first Mass Quote.
7. Select **Yes** or **No** to indicate whether your system received and processed the Mass Quote Acknowledgment.
8. Submit a [Quote Cancel](#) message for the instrument group used either in the first Mass Quote or second one.
9. Select **Yes** or **No** to indicate whether your system received and processed the [Quote Cancel Acknowledgment](#).

Quote Cancellation (Instrument Level)

The purpose of this test is to verify that the client system can submit and process Mass Quote Cancellations at the instrument level.

Pre-Registered or On-Demand Format

Note: This test is used for both Pre-Registered and On-Demand formats. The below image shows the Pre-Registered format version of the test.

Steps of the test: Quote Cancellation - Instrument Level for Pre-Registered Format

This test could take up to several minutes. Please do not close the window during the test. Closing window/stopping test requires to rerun the test from step 1.

Purpose
The purpose of this test is to verify that the client system can submit and process Mass Quote Cancellations at instrument level.

Contracts : 06MMO C0375,06MMO P0375,16MMO C0375 - 613 Select

Category	IP	Port
Incremental Feed A	224.0.28.79	11613
Incremental Feed B	224.0.25.101	11713
Snapshot MBP	224.0.28.79	19613
Snapshot MBO		
Instrument Replay	224.0.28.79	16613

Category: Link:

Templates File: config.xml

Description	Flag	Status
1 Over an iLink connection, submit a two-sided Mass Quote with at least 2 quotes from the same instrument group		Not Tested
2 Receive and process Mass Quote Acknowledgement		Not Tested
3 Submit an instrument level Quote Cancel message for at least an instrument submitted in Step 1		Not Tested
4 Receive and process a Quote Cancel Acknowledgement		Not Tested

Key: not tested complete pending failed

REFRESH

Note: If a test is not proceeding to the next step, selecting the Refresh button (REFRESH) below the test steps may resolve the issue.

To run a Quote Cancellation (Instrument Level) test:

1. Select a **SenderComp** from the drop-down and select **ASSIGN** if a SenderComp is not already assigned.
2. From the **Contracts** drop-down, select the desired contract if the contract is not already locked.
3. Select the **START TEST** button.

Note: DO NOT select the **START TEST** button once the test is in progress.

4. Over an iLink connection, submit a two-sided [Mass Quote](#) with at least 2 quotes from the same instrument group.
5. Select **Yes** or **No** to indicate whether your system received and processed the [Mass Quote Acknowledgment](#).
6. Submit an instrument level [Quote Cancel](#) message for at least an instrument submitted in Step 1.
7. Select **Yes** or **No** to indicate whether your system received and processed the [Quote Cancel Acknowledgment](#).

Quote Cancellation (Quote Set ID Level)

The purpose of this test is to verify that the client system can submit and process Mass Quote Cancellations at the Quote Set ID level.

Pre-Registered or On-Demand Format

Note: This test is used for both Pre-Registered and On-Demand formats. The below image shows the Pre-Registered format version of the test.

Interview Test Suite **Test Case** Post Certification Help

Steps of the test: Quote Cancellation - Quote Set ID Level for Pre-Registered Format

This test could take up to several minutes. Please do not close the window during the test. Closing window/stopping test requires to rerun the test from step 1.

Purpose
The purpose of this test is to verify that the client system can submit and process Mass Quote Cancellations at the Quote Set ID level.

Contracts : 06MMO C0375,06MMO P0375,16MMO C0375 - 613 Select

Category	IP	Port
Incremental Feed A	224.0.28.79	11613
Incremental Feed B	224.0.25.101	11713
Snapshot MBP	224.0.28.79	19613
Snapshot MBO		
Instrument Replay	224.0.28.79	16613

Category: Link
 Templates File: [templates_FixBinary.xml](#)
 Configuration File: [config.xml](#)

Description	Flag	Status
1 Over an iLink connection, submit a two-sided Mass Quote with at least 2 quotes from the same instrument group		Not Tested
2 Receive and process Mass Quote Acknowledgement		Not Tested
3 Submit an Quote Cancel message using a Quote Set ID submitted in Step 1		Not Tested
4 Receive and process a Quote Cancel Acknowledgement		Not Tested

Key: not tested complete pending failed

REFRESH

Note: If a test is not proceeding to the next step, selecting the Refresh button (REFRESH) below the test steps may resolve the issue.

To run a Quote Cancellation (Quote Set ID Level) test:

1. Select a **SenderComp** from the drop-down and select **ASSIGN** if a SenderComp is not already assigned.
2. From the **Contracts** drop-down, select the desired contract if the contract is not already locked.
3. Select the **START TEST** button.

Note: DO NOT select the **START TEST** button once the test is in progress.

4. Over an iLink connection, submit a two-sided [Mass Quote](#) with at least 2 quotes from the same instrument group.
5. Select **Yes** or **No** to indicate whether your system received and processed the [Mass Quote Acknowledgment](#).
6. Submit an [Quote Cancel](#) message using a Quote Set ID submitted in Step 1.
7. Select **Yes** or **No** to indicate whether your system received and processed the [Quote Cancel Acknowledgment](#).

Self Match Prevention Instruction Support

The purpose of this test is to verify the client system can correctly support self match prevention functionality.

- [Pre-Registered Format](#)
- [On-Demand Format](#)

Pre-Registered Format

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Steps of the test: Self match prevention with Pre-registered administrative SelfMatchPreventionInstruction

This test could take up to several minutes. Please do not close the window during the test. Closing window/stopping test requires to rerun the test from step 1.

Purpose
The purpose of this test is to verify the client system can correctly support self match prevention functionality.

Selected Contract : UBT8_518_6327-700
Unlock

Category	IP	Port
Incremental Premium Feed A	233.143.214.5	15700
Incremental Premium Feed B	233.143.214.132	16700
Incremental Confated Feed A	233.143.214.19	15701
Incremental Confated Feed B	233.143.214.147	16701
Premium Snapshot MBP	233.143.214.6	22700
Premium Snapshot MBO	233.143.214.6	20700
Confated Snapshot MBP & MBO	233.143.214.20	22701
Instrument Replay Premium	233.143.214.7	
Instrument Replay Confated	233.143.214.21	14701
TCP Confated Feed		

Category	Link
Templates File:	templates_FixBinary.xml
Premium Configuration File:	config.xml
Confated Configuration File:	config.xml
TCP Session Management SBE Schema:	templates_MdpSessionMgmt.xml

Note: Press the Start Test button to start or restart a Test. Please do not press the Start Test button again if you are currently running this test.

START TEST

Description	Flag	Status
1 Submit a Party Details Definition Request (35=CX) message with SelfMatchPreventionID and SelfMatchPreventionInstruction with value as "O" to Service Gateway		Not Tested
2 Receive and process Party Details Definition Request Acknowledgment		Not Tested
3 Submit an iLink Buy Order with PartyDetailsListReqID registered in Step 1		Not Tested
4 Receive and Process Execution Report - New Order		Not Tested
5 Submit an iLink Sell Order with the same PartyDetailsListReqID and price as the order in Step 3		Not Tested
6 Receive and Process Execution Report - Cancel for the Limit order.		Not Tested
7 Submit a Party Details Definition Request (35=CX) message with SelfMatchPreventionID same as Step 1 and SelfMatchPreventionInstruction with value as "N" to Service Gateway		Not Tested
8 Receive and process Party Details Definition Request Acknowledgment		Not Tested
9 Submit an iLink Buy Order with PartyDetailsListReqID registered in Step 7 and the same price as the order in Step 5.		Not Tested
10 Receive and Process Execution Report - New Order		Not Tested
11 Receive and Process Execution Report - Cancel for the Limit order		Not Tested

Key: not tested complete pending failed

REFRESH

Note: If a test is not proceeding to the next step, selecting the Refresh button (**REFRESH**) below the test steps may resolve the issue.

To run a Self Match Prevention Instruction Support Pre-Registered Format test:

1. Select a **SenderComp** from the drop-down and select **ASSIGN** if a SenderComp is not already assigned.
2. From the **Contracts** drop-down, select the desired contract if the contract is not already locked.
3. Select the **START TEST** button.

Note: DO NOT select the **START TEST** button once the test is in progress.

4. Submit a [Party Details Definition Request \(35=CX\)](#) message with SelfMatchPreventionID and SelfMatchPreventionInstruction with value as "O" to Service Gateway.
5. Select **Yes** or **No** to indicate whether your system received and processed the [Party Details Definition Request Acknowledgment](#).

6. Submit an [iLink Buy Order](#) with PartyDetailsListReqID registered in Step 1.
7. Select **Yes** or **No** to indicate whether your system received and processed the [Execution Report - New Order](#).
8. Submit an iLink Sell Order with the same PartyDetailsListReqID and price as the order in step 3.
9. Enter the value from tag 378-ExecRestatementReason to confirm that your system received and processed [the Execution Report - Cancel for the Limit order](#).
10. Submit a Party Details Definition Request (35=CX) message with SelfMatchPreventionID the same as Step 1 and SelfMatchPreventionInstruction with value as "N" to Service Gateway.
11. Select **Yes** or **No** to indicate whether your system received and processed the Party Details Definition Request Acknowledgment.
12. Submit an iLink Buy Order with PartyDetailsListReqID registered in Step 7 and the same price as the order in Step 5.
13. Select **Yes** or **No** to indicate whether your system received and processed the Execution Report - New Order.
14. Enter the value from tag 378-ExecRestatementReason to confirm that your system received and processed the Execution Report - Cancel for the Limit order.

On-Demand Format

[Interview](#)
[Test Suite](#)
[Test Case](#)
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Steps of the test: Self match prevention with On-demand administrative SelfMatchPreventionInstruction

This test could take up to several minutes. Please do not close the window during the test. Closing window/stopping test requires to rerun the test from step 1.

Purpose
The purpose of this test is to verify the client system can correctly support self match prevention functionality.

Selected Contract: BBOHDE_5.0_03/25-700 Unlock

Category	IP	Port
Incremental Premium Feed A	233.143.214.12	15709
Incremental Premium Feed B	233.143.214.140	16709
Incremental Confated Feed A	233.143.214.27	15710
Incremental Confated Feed B	233.143.214.155	16710
Premium Snapshot MBP	233.143.214.14	22709
Premium Snapshot MBO	233.143.214.13	20709
Confated Snapshot MBP & MBOLD	233.143.214.28	22710
Instrument Replay Premium	233.143.214.15	14709
Instrument Replay Confated	233.143.214.29	14710
TCP Confated Feed		

Category: [Link](#)
Templates File: [templates_FinBinary.xml](#)
Premium Configuration File: [config.xml](#)
Confated Configuration File: [config.xml](#)
TCP Session Management SBE Schema: [templates_MdcSessionMgmt.xml](#)

Note: Press the Start Test button to start or restart a Test. Please do not press the Start Test button again if you are currently running this test. START TEST

Description	Flag	Status
1 Submit a Party Details Definition Request (35=CX) message with SelfMatchPreventionID and SelfMatchPreventionInstruction with value as "O" to MSGW		Not Tested
2 Submit an iLink Buy Order		Not Tested
3 Receive and process Party Details Definition Request Acknowledgment		Not Tested
4 Receive and Process Execution Report - New Order		Not Tested
5 Submit a Party Details Definition Request (35=CX) message with SelfMatchPreventionID in Step 1 and SelfMatchPreventionInstruction with value as "O" to MSGW		Not Tested
6 Submit an iLink Sell Order with the same price as the order in Step 2		Not Tested
7 Receive and process Party Details Definition Request Acknowledgment		Not Tested
8 Receive and Process Execution Report - Cancel for the Limit order		Not Tested
9 Submit a Party Details Definition Request (35=CX) message with SelfMatchPreventionID same as Step 1 and SelfMatchPreventionInstruction with value as "N" to MSGW		Not Tested
10 Submit an iLink Buy Order with the same price as the order in Step 6		Not Tested
11 Receive and process Party Details Definition Request Acknowledgment		Not Tested
12 Receive and Process Execution Report - New Order		Not Tested
13 Receive and process Party Details Definition Request Acknowledgment		Not Tested
14 Receive and Process Execution Report - Cancel for the Limit order		Not Tested

Key: @ not tested ● complete ● pending ● failed

REFRESH



Note: If a test is not proceeding to the next step, selecting the Refresh button (REFRESH) below the test steps may resolve the issue.



To run a Self Match Prevention Instruction Support Pre-Registered Format test:

1. Select a **SenderComp** from the drop-down and select **ASSIGN** if a SenderComp is not already assigned.
2. From the **Contracts** drop-down, select the desired contract if the contract is not already locked.
3. Select the **START TEST** button.



Note: **DO NOT** select the **START TEST** button once the test is in progress.

4. Submit a [Party Details Definition Request \(35=CX\)](#) message with SelfMatchPreventionID and SelfMatchPreventionInstruction with the value as "O" to the MSGW.
5. Submit an [iLink Buy Order](#).
6. Select **Yes** or **No** to indicate whether your system received and processed the [Party Details Definition Request Acknowledgment](#).
7. Select **Yes** or **No** to indicate whether your system received and processed the [Execution Report - New Order](#).
8. Submit a [Party Details Definition Request \(35=CX\)](#) message with SelfMatchPreventionID from step 1 and SelfMatchPreventionInstruction with the value as "O" to the MSGW.
9. Submit an iLink Sell Order with the same price as the order in step 2.
10. Select **Yes** or **No** to indicate whether your system received and processed the Party Details Definition Request Acknowledgment.
11. Enter the value from tag 378-ExecRestatementReason to confirm that your system received and processed the [Execution Report - Cancel](#) for the Limit order.
12. Submit a Party Details Definition Request (35=CX) message with SelfMatchPreventionID the same value as step 1 and SelfMatchPreventionInstruction with a value as "N" to the MSGW.
13. Submit an [iLink Buy Order](#) with the same price as the order in step 6.
14. Select **Yes** or **No** to indicate whether your system received and processed the Party Details Definition Request Acknowledgment.
15. Select **Yes** or **No** to indicate whether your system received and processed the [Execution Report - New Order](#).
16. Select **Yes** or **No** to indicate whether your system received and processed the Party Details Definition Request Acknowledgment.
17. Enter the value from tag 378-ExecRestatementReason to confirm that your system received and processed the [Execution Report - Cancel](#) for the Limit order.

Session Queue for Single Split Message

The purpose of this test is to verify that your application system can properly process a CME Globex response to a message that was not completely sent in a single network packet.

Note: It is important to note that AutoCert+ will artificially split the customer's inbound message into multiple packets in order to generate session queuing condition. It is not necessary within this test for you to split your own message across multiple packets.

Pre-Registered or On-Demand Format

Note: This test is used for both Pre-Registered and On-Demand formats. The below image shows the Pre-Registered format version of the test.

Steps of the test: Session Queue for Single Split Message for Order entry for Pre-Registered Format

This test could take up to several minutes. Please do not close the window during the test. Closing window/stopping test requires to rerun the test from step 1.

Purpose
The purpose of this test is to verify that your Application System can properly process a CME response to a message that was not completely sent in a single network packet. It is important to note that AutoCert+ will artificially split the customer's inbound message into multiple packets in order to generate session queuing condition. It is not necessary within this test for you to split your own message across multiple packets.

Contracts : 0ZWK1.0ZWN1.0ZWK1.0ZWN1 - 659 **Select**

Category	IP	Port
Incremental Feed A	224.0.28.122	11659
Incremental Feed B	224.0.25.101	11759
Snapshot MBP	224.0.28.79	19659
Snapshot MBO	224.0.25.254	20659
Instrument Replay	224.0.28.122	16659

Category: Link:
 Templates File: templates_FixBinary.xml
 Configuration File: config.xml

Description	Flag	Status
1 Submit a Limit Order for the selected product	<input type="radio"/>	Not Tested
2 Receive and Process an Execution Report - Order Acknowledgment message	<input type="radio"/>	Not Tested

Key: ☐ not tested ☐ complete ☐ pending ☐ failed

REFRESH

Note: If a test is not proceeding to the next step, selecting the Refresh button (**REFRESH**) below the test steps may resolve the issue.

To run a Session Queue for Single Split Message test:

1. Select a **SenderComp** from the drop-down and select **ASSIGN** if a SenderComp is not already assigned.
2. From the **Contracts** drop-down, select the desired contract if the contract is not already locked.
3. Select the **START TEST** button.

Note: DO NOT select the **START TEST** button once the test is in progress.

4. Submit a Limit Order for the selected product
5. Enter the following tag values to indicate that your system received and processed an Execution Report - Order Acknowledgment message:
 - tag 5904-DelayDuration
 - tag 9553-SplitMsg

Session Queue for Single Split Message (Mass Quotes)

The purpose of this test is to verify that your application system can properly process a CME Globex response to a message that was not completely sent in a single network packet.

Note: It is important to note that AutoCert+ will artificially split the customer's inbound message into multiple packets in order to generate session queuing condition. It is not necessary within this test for you to split your own message across multiple packets.

Pre-Registered or On-Demand Format

Note: This test is used for both Pre-Registered and On-Demand formats. The below image shows the Pre-Registered format version of the test.

Steps of the test: Session Queue for Single Split Message for Mass quote for Pre-Registered Format

This test could take up to several minutes. Please do not close the window during the test. Closing window/stopping test requires to rerun the test from step 1.

Purpose
The purpose of this test is to verify that your Application System can properly process a CME response to a message that was not completely sent in a single network packet. It is important to note that AutoCert+ will artificially split the customer's inbound message into multiple packets in order to generate session queuing condition. It is not necessary within this test for you to split your own message across multiple packets.

Contracts : [OAE7MD C1050 OAE7MD P1050 - 621] **Select**

Category	IP	Port
Incremental Feed A	224.0.28.122	11621
Incremental Feed B	224.0.25.101	11721
Snapshot MBP	224.0.28.123	19621
Snapshot MBO	224.0.25.254	20621
Instrument Replay	224.0.28.122	16621

Category: [] Link: []
Templates File: [templates_FixBinary.xml]
Configuration File: [config.xml]

Description	Flag	Status
1 Submit a Single Sided Mass Quote for the selected product		Not Tested
2 Receive and Process a Quote Acknowledgment message		Not Tested

Key: not tested complete pending failed

REFRESH

Note: If a test is not proceeding to the next step, selecting the Refresh button (**REFRESH**) below the test steps may resolve the issue.

To run a Session Queue for Single Split Message (Mass Quote) test:

1. Select a **SenderComp** from the drop-down and select **ASSIGN** if a SenderComp is not already assigned.
2. From the **Contracts** drop-down, select the desired contract if the contract is not already locked.
3. Select the **START TEST** button.

Note: DO NOT select the **START TEST** button once the test is in progress.

4. Submit a Single Sided Mass Quote for the selected product
5. Receive and Process a Quote Acknowledgment message
 - tag 5904-DelayDuration
 - tag 9553-SplitMsg

Spread Complete Order

The purpose of this test is to verify that your application can:

- submit a spread limit order
- receive and process the Execution Reports (Ack,Fill,Elimination,Correction,Bust) for a spread instrument

Pre-Registered or On-Demand Format

Note: This test is used for both Pre-Registered and On-Demand formats. The below image shows the Pre-Registered format version of the test.

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Steps of the test: Spread Complete Order Test for Pre-Registered Format

This test could take up to several minutes. Please do not close the window during the test. Closing window/stopping test requires to rerun the test from step 1.

Purpose
The purpose of this test is to verify that your application can submit a spread limit order and receive and process the Execution Reports (Ack,Fill,Elimination,Correction,Bust) for a spread instrument.

Selected Contract : UB02#0422-UB10#0230 -700 **Unlock**

Category	JP	Port
Incremental Premium Feed A	233.143.214.5	15700
Incremental Premium Feed B	233.143.214.132	16700
Incremental Confated Feed A	233.143.214.19	15701
Incremental Confated Feed B	233.143.214.147	16701
Premium Snapshot MBP	233.143.214.6	22700
Premium Snapshot MBO	233.143.214.6	20700
Confated Snapshot MBP & MBOLD	233.143.214.20	22701
Instrument Replay Premium	233.143.214.7	
Instrument Replay Confated	233.143.214.21	14701
TCP Confated Feed		

Category	Link
Templates File:	templates_FixBinary.xml
Premium Configuration File:	confp.xml
Confated Configuration File:	confp.xml
TCP Session Management SBE Schema:	templates_MacSessionFormat.xml

Note: Press the Start Test button to start or restart a Test. Please do not press the Start Test button again if you are currently running this test. **START TEST**

Description	Flag	Status
1 Over an iLink connection, send a Limit Order message for the selected spread dummy instrument		Not Tested
2 Receive and process an Execution Report - Elimination		Not Tested
3 Submit a Limit Order message with a quantity 1 for the selected spread dummy instrument		Not Tested
4 Receive and Process Execution Report - New Order		Not Tested
5 Receive and Process Execution Report - Trade Spread (Full Fill)		Not Tested
6 Receive and Process Execution Report - Trade Spread Leg (First Leg Full Fill)		Not Tested
7 Receive and Process Execution Report - Trade Spread Leg (Second Leg Full Fill)		Not Tested
8 Receive and process Execution Report - Trade Addendum Spread (Cancellation) for Spread and Spread Leg for each leg		Not Tested
9 Submit a Limit Order message with a quantity 1 for the selected spread dummy instrument		Not Tested
10 Receive and Process Execution Report - Trade Spread and Trade Spread Legs		Not Tested
11 Receive and Process Execution Report - Trade Addendum Spread and Spread Leg (Correction for Spread and all legs). Did you receive and process three separate trade correction messages (tag 39-OrdStatus=G, tag 150-ExecType=G) for the Spread and each leg?		Not Tested

REFRESH

Key: not tested complete pending failed

Note: If a test is not proceeding to the next step, selecting the Refresh button (**REFRESH**) below the test steps may resolve the issue.

To run a Spread Complete Order test:

1. Select a **SenderComp** from the drop-down and select **ASSIGN** if a SenderComp is not already assigned.
2. From the **Contracts** drop-down, select the desired contract if the contract is not already locked.
3. Select the **START TEST** button.

Note: DO NOT select the **START TEST** button once the test is in progress.

4. Over an iLink connection, send a [Limit Order](#) message for the selected spread dummy instrument.
5. Select **Yes** or **No** to indicate whether your system received and processed the [Execution Report - Elimination](#).
6. Submit a Limit Order message with a quantity of 1 for the selected spread dummy instrument.
7. Select **Yes** or **No** to indicate whether your system received and processed the [Execution Report - New Order](#).
8. Enter the following tag values to indicate that your system received and processed the [Execution Report - Trade Spread \(Full Fill\)](#):
 - tag 39-OrdStatus
 - tag 31-LastPx
 - tag 38-OrderQty
8. Enter the tag 31-LastPx value to indicate that your system received and processed the [Execution Report - Trade Spread Leg \(First Leg Full Fill\)](#).
9. Enter the tag 31-LastPx value to indicate that your system received and processed the Execution Report - Trade Spread Leg (Second Leg Full Fill).
10. Select **Yes** or **No** to indicate whether your system received and processed the [Execution Report - Trade Addendum Spread \(Cancellation\)](#) for the spread and spread leg for each leg.
11. Submit a Limit Order message with a quantity of 1 for the selected spread dummy instrument.
12. Select **Yes** or **No** to indicate whether your system received and processed the Execution Report - Trade Spread and Trade Spread Legs
13. Select **Yes** or **No** to indicate whether your system received and processed three Execution Report - Trade Addendum Spread and Spread Leg (tag 39-OrdStatus=G, tag 150-ExecType=G) for the spread and each leg?

Support MOSR Functionality for a Particular Market Segment

The purpose of this test is to verify that client system customer application can submit an Order Mass Status Request (35=AF) and receive an Order Status Request Acknowledgment (35=8, 150=I) when obtaining status for all working order for a specific market segment.

Pre-Registered or On-Demand Format



Note: This test is used for both Pre-Registered and On-Demand formats. The below image shows the Pre-Registered format version of the test.

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Steps of the test: Support MOSR functionality for a particular market segment for Pre-Registered format

This test could take up to several minutes. Please do not close the window during the test. Closing window/stopping test requires to rerun the test from step 1.

Purpose
The purpose of this test is to verify that client system customer application can submit Order Mass Status Request (35=AF) and receive Order Status Request Acknowledgment (35=8, 150=I) when obtaining status for all working order for a specific market segment.

Selected Contract : UBTW_5/8_03/27-700 **Unlock**

Category	IP	Port
Incremental Premium Feed A	233.143.214.5	15700
Incremental Premium Feed B	233.143.214.132	16700
Incremental Confated Feed A	233.143.214.19	15701
Incremental Confated Feed B	233.143.214.147	16701
Premium Snapshot MBP	233.143.214.6	22700
Premium Snapshot MBO	233.143.214.6	20700
Confated Snapshot MBP & MBOLD	233.143.214.20	22701
Instrument Replay Premium	233.143.214.7	
Instrument Replay Confated	233.143.214.21	14701
TCP Confated Feed		

Category	Link
Templates File:	templates_FinBinary.xml
Premium Configuration File:	config.xml
Confated Configuration File:	config.xml
TCP Session Management SBE Schema:	templates_MdoSessionMgmt.xml

Note: Press the Start Test button to start or restart a Test. Please do not press the Start Test button again if you are currently running this test. **START TEST**

Description	Flag	Status
1 Over an iLink connection, submit a limit day order for the selected instrument		Not Tested
2 Receive and Process Execution Report - New Order		Not Tested
3 Using the same instrument, submit a second limit day order		Not Tested
4 Receive and Process an Execution Report - Acknowledgement message		Not Tested
5 Submit Order Status Request (35=AF) message with tag 585-MassStatusReqType=100 for all orders for a specific Market Segment		Not Tested
6 Receive and Process Execution Report - Status (35=8 & 150=I)		Not Tested
7 Receive and Process Execution Report - Status (35=8 & 150=I)		Not Tested

Key: not tested complete pending failed

REFRESH



Note: If a test is not proceeding to the next step, selecting the Refresh button (**REFRESH**) below the test steps may resolve the issue.



To run a Support MOSR Functionality for a Particular Market Segment test:

1. Select a **SenderComp** from the drop-down and select **ASSIGN** if a SenderComp is not already assigned.
2. From the **Contracts** drop-down, select the desired contract if the contract is not already locked.
3. Select the **START TEST** button.



Note: DO NOT select the **START TEST** button once the test is in progress.

4. Over an iLink connection, submit a [Limit Day order](#) for the selected instrument.
5. Select **Yes** or **No** to indicate whether your system received and processed the [Execution Report - New Order](#).
6. Using the same instrument, submit a second Limit Day order.
7. Select **Yes** or **No** to indicate whether your system received and processed the Execution Report - New Order message.

8. Submit [Order Status Request \(35=AF\)](#) message with tag 585-MassStatusReqType=100 for all orders for a specific Market Segment.
9. Enter the following tag values to indicate that your system received and processed the [Execution Report - Status \(35=8 & 150=I\)](#):
 - tag 39-OrdStatus
 - tag 912-LastRptRequested
 - tag 584-MassStatusReqID
9. Enter the following tag values to indicate that your system received and processed the Execution Report - Status (35=8 & 150=I):
 - tag 39-OrdStatus
 - tag 912-LastRptRequested
 - tag 584-MassStatusReqID

Unsolicited Quote Cancellations

The purpose of this test is to verify that the client system can receive and process an unsolicited Quote Cancellations (disconnect, terminate, and GCC initiated)

Pre-Registered or On-Demand Format



Note: This test is used for both Pre-Registered and On-Demand formats. The below image shows the Pre-Registered format version of the test.

Interview Test Suite **Test Case** Post Certification Help

Steps of the test: Unsolicited Quote Cancellations for Pre-Registered Format

This test could take up to several minutes. Please do not close the window during the test. Closing window/stopping test requires to rerun the test from step1.

Purpose
The purpose of this test is to verify that the client system can receive and process an unsolicited Quote Cancellations (disconnect, terminate, and GCC initiated)

Contracts : 06MM0 C0375,06MM0 P0375,16MM0 C0375 - 613 Select

Category	IP	Port
Incremental Feed A	224.0.28.79	11613
Incremental Feed B	224.0.25.101	11713
Snapshot MBP	224.0.28.79	19613
Snapshot MBO		
Instrument Replay	224.0.28.79	16613

Category: Link
 Templates File: [templates_FixBinary.xml](#)
 Configuration File: [config.xml](#)

Description	Flag	Status
1 Over an iLink connection, submit a two-sided Mass Quote with at least 2 quotes from the same instrument group		Not Tested
2 Receive and process Mass Quote Acknowledgement		Not Tested
3 A hard disconnect is simulated to prompt an unsolicited Quote Cancellation. Reconnect FIXP session successfully		Not Tested
4 Upon connected, send Retransmit Request and receive and process any resent messages		Not Tested
5 Submit a two-sided Mass Quote with at least 2 quotes from the same instrument group		Not Tested
6 Receive and process Mass Quote Acknowledgment		Not Tested
7 Submit a Terminate message. Terminate is performed to prompt quote cancellations		Not Tested
8 Receive and process Terminate message		Not Tested
9 Reconnect FIXP session successfully		Not Tested
10 Upon connected, send Retransmit Request and receive and process any resent messages		Not Tested
11 Submit a two-sided Mass Quote with at least 2 quotes from the same instrument group		Not Tested
12 Receive and process a Quote Acknowledgement message		Not Tested
13 Receive and process an unsolicited Quote Cancellation		Not Tested

Key: not tested complete pending failed

REFRESH



Note: If a test is not proceeding to the next step, selecting the Refresh button (REFRESH) below the test steps may resolve the issue.

To run an Unsolicited Quote Cancellations test:

1. Select a **SenderComp** from the drop-down and select **ASSIGN** if a SenderComp is not already assigned.
2. From the **Contracts** drop-down, select the desired contract if the contract is not already locked.
3. Select the **START TEST** button.



Note: DO NOT select the **START TEST** button once the test is in progress.

4. Over an iLink connection, submit a two-sided [Mass Quote](#) with at least 2 quotes from the same instrument group.
5. Select **Yes** or **No** to indicate whether your system received and processed the [Mass Quote Acknowledgment](#).
6. A hard disconnect is simulated to prompt an unsolicited Quote Cancellation.
7. Select **Yes** or **No** to indicate whether your system reconnected to the FIXP session successfully.

8. Upon connection, send [Retransmit Request](#) and receive and process any resent messages
9. Submit a two-sided Mass Quote with at least 2 quotes from the same instrument group.
10. Select **Yes** or **No** to indicate whether your system received and processed the Mass Quote Acknowledgment.
11. Submit a [Terminate](#) message. Termination is performed to prompt quote cancellations.
12. Select **Yes** or **No** to indicate whether your system received and processed the Terminate message.
13. Select **Yes** or **No** to indicate whether your system reconnected the FIXP session successfully (receive and process any appropriate messages).
14. Submit a two-sided Mass Quote with at least 2 quotes from the same instrument group.
15. Select **Yes** or **No** to indicate whether your system received and processed the Quote Acknowledgment message.

Binary Trade Reporting for Pre-Registered / On-Demand format

The purpose of this test is to verify the client system utilize repeating group NoOrderEvents [35=8, 39=1,2 (tag 1795)] for binary trade reporting.

If the customer application supports order entry, as indicated in the [Interview](#), this test is mandatory.

To run the Binary Trade Reporting test:

1. Select a **SenderComp** from the drop-down and select **ASSIGN** if a SenderComp is not already assigned.
2. Select an **Instrument** from the drop-down menu, then click **Select**.
3. Select the **START TEST** button.

Note: DO NOT select the **START TEST** button once the test is in progress.

Note: This test is used for both Pre-Registered and On-Demand formats. The below image shows the Pre-Registered format version of the test.

Sendercomp: **ASSIGN**

Test Suite Status:
Pre-Certification Interview: Complete
Test Suite Status: In Progress

Interview Test Suite **Test Case** Post Certification Help

Steps of the test: Binary Trade Reporting Test for Pre-Registered format

This test could take up to several minutes. Please do not close the window during the test. Closing window/stopping test requires to rerun the test from step1.

Purpose
The purpose of this test is to verify the client system utilize repeating group NoOrderEvents for binary trade reporting.

Please assign a Sendercomp ID and make sure a valid instrument is selected to start certifying a test.

Description	Flag	Status
1 Over an iLink connection, submit a Limit Order message with a quantity greater than 1000		Not Tested
2 Receive and Process Execution Report - New Order message		Not Tested
3 Receive and process Execution Report - Trade Outright. Verify below values from the repeating groups received.		Not Tested

Key: not tested complete pending failed




REFRESH





4. Over an iLink connection, submit a [Limit Order](#) [35=D (tag 40-OrdType=2) (tag 59-TimeInForce=0, 3 or 4)] message with a quantity (tag 38-OrderQty) greater than 1000.
5. Receive and Process [Execution Report - New Order](#) message (35=8, 39=0).
6. Receive and process [Execution Report - Trade Outright](#) (35=8, 39=1,2) message, then enter the below values from the repeating groups received in the message:

Note: Press the Start Test button to start or restart a Test. Please do not press the Start Test button again if you are currently running this test.

STOP TEST

Test In Progress

Description	Flag	Status
1 Over an iLink connection, submit a Limit Order message with a quantity greater than 1000		Complete
2 Receive and Process Execution Report - New Order message		Complete
3 Receive and process Execution Report - Trade Outright. Verify below values from the repeating groups received. Instrument: UB34C#_5/8_03/99 SecurityID: 1234567 NoOrderEvents : <input type="text"/> First OrderEventExecID : <input type="text"/> First OrderEventPx : <input type="text"/> First OrderEventQty : <input type="text"/> Second OrderEventExecID : <input type="text"/> Second OrderEventPx : <input type="text"/> Second OrderEventQty : <input type="text"/> Submit		Pending

Key:  not tested  complete  pending  failed

REFRESH

- tag 1795-NoOrderEvents

First Order

- →1797-OrderEventExecID
- →1799-OrderEventPx
- →1800-OrderEventQTY

Second Order

- →1797-OrderEventExecID
- →1799-OrderEventPx
- →1800-OrderEventQTY

[On-Demand format screen](#)

Sendercomp: ASSIGN

Test Suite Status:

Pre-Certification Interview: Complete

Test Suite Status: In Progress

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Steps of the test: Binary Trade Reporting Test for On-Demand format

This test could take up to several minutes. Please do not close the window during the test. Closing window/stopping test requires to rerun the test from step1.

Purpose
The purpose of this test is to verify the client system utilize repeating group NoOrderEvents for binary trade reporting.

Please assign a Sendercomp ID and make sure a valid instrument is selected to start certifying a test.

Description	Flag	Status
1 Over an iLink connection, submit a Limit Order message with a quantity greater than 1000		Not Tested
2 Receive and Process Execution Report - New Order message		Not Tested
3 Receive and process Execution Report - Trade Outright. Verify below values from the repeating groups received.		Not Tested

Key: not tested complete pending failed

REFRESH

Order Cancel without Order ID

The purpose of this test is to verify the client system can submit and cancel a Day limit order without providing an OrderID (tag 37).

Pre-Registered or On-Demand Format



Note: This test is used for both Pre-Registered and On-Demand formats. The below image shows the Pre-Registered format version of the test.

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Steps of the test: Order Cancel without OrderID for Pre-Registered Format

This test could take up to several minutes. Please do not close the window during the test. Closing window/stopping test requires to rerun the test from step1.

Purpose
The purpose of this test is to verify the client system can submit and cancel a Day limit order without providing an OrderID (tag 37).

Instrument(s):
UB34C#_5/8_03/99 - 700
Select

Category	IP	Port
Incremental Premium Feed A	111.222.333.4	11111
Incremental Premium Feed B	111.222.333.4	11111
Incremental Conflated Feed A	111.222.333.4	11111
Incremental Conflated Feed B	111.222.333.4	11111
Premium Snapshot MBP	111.222.333.4	11111
Premium Snapshot MBO	111.222.333.4	11111
Conflated Snapshot MBP & MBOLD	111.222.333.4	11111
Instrument Replay Premium	111.222.333.4	
Instrument Replay Conflated	111.222.333.4	11111
TCP Conflated Feed		
TCP Replay	111.222.333.4	11111

CategoryLink
Templates File:templates_FixBinary.xml

Description	Flag	Status
1 Over an iLink connection, submit a Day Limit Order message.		Not Tested
2 Receive and Process Execution Report - New Order message.		Not Tested
3 Submit an Order Cancel Request without OrderID.		Not Tested
4 Receive and process Execution Report - Cancel message.		Not Tested

Key: not tested complete pending failed

(Test results will automatically refresh for up to 2 minutes).



Note: If a test is not proceeding to the next step, selecting the Refresh button (**REFRESH**) below the test steps may resolve the issue.



To run an Order Cancel without Order ID test:

1. Select a **SenderComp** from the drop-down and select **ASSIGN** if a SenderComp is not already assigned.
2. From the **Contracts** drop-down, select the desired contract if the contract is not already locked.
3. Select the **START TEST** button.



Note: DO NOT select the **START TEST** button once the test is in progress.

4. Over an iLink connection, submit a [Day Limit](#) [35=D - tag 59(TimeInForce)=0(Day), tag 40(OrdType)=2(Limit)] Order message.
5. Receive and Process [Execution Report - New Order](#) (35=8, 39=0) message.
6. Submit an [Order Cancel](#) Request (35=F) without OrderID (omit tag 37-OrderID or send null value).
7. Receive and process [Execution Report - Cancel](#) (35=8, 39=4) message.

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Steps of the test: Order Cancel without OrderID for On-Demand Format

This test could take up to several minutes. Please do not close the window during the test. Closing window/stopping test requires to rerun the test from step1.

Purpose
 The purpose of this test is to verify the client system can submit and cancel a Day limit order without providing an OrderID (tag 37).

Instrument(s):

Category	IP	Port
Incremental Premium Feed A	111.222.333.4	11111
Incremental Premium Feed B	111.222.333.4	11111
Incremental Conflated Feed A	111.222.333.4	11111
Incremental Conflated Feed B	111.222.333.4	11111
Premium Snapshot MBP	111.222.333.4	11111
Premium Snapshot MBO	111.222.333.4	11111
Conflated Snapshot MBP & MBOLD	111.222.333.4	11111
Instrument Replay Premium	111.222.333.4	
Instrument Replay Conflated	111.222.333.4	11111
TCP Conflated Feed		
TCP Replay	111.222.333.4	11111

Category	Link
Templates File:	templates_FixBinary.xml

Description	Flag	Status
1 Over an iLink connection, submit a Day Limit Order message.		Not Tested
2 Receive and Process Execution Report - New Order message.		Not Tested
3 Submit an Order Cancel Request without OrderID.		Not Tested
4 Receive and process Execution Report - Cancel message.		Not Tested

Key: not tested complete pending failed

(Test results will automatically refresh for up to 2 minutes).

Order Cancel Replace without Order ID

The purpose of this test is to verify the client system can submit and modify a Day limit order without providing an OrderID (tag 37).

Pre-Registered or On-Demand Format



Note: This test is used for both Pre-Registered and On-Demand formats. The below image shows the Pre-Registered format version of the test.

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Steps of the test: Order Cancel Replace without OrderID for Pre-Registered Format

This test could take up to several minutes. Please do not close the window during the test. Closing window/stopping test requires to rerun the test from step 1.

Purpose
 The purpose of this test is to verify the client system can submit and modify a Day limit order without providing an OrderID (tag 37).

Selected Instrument(s): UB34C#_5/8_03/99 - 700 [Unlock](#)

Category	IP	Port
Incremental Premium Feed A	111.222.333.4	11111
Incremental Premium Feed B	111.222.333.4	11111
Incremental Conflated Feed A	111.222.333.4	11111
Incremental Conflated Feed B	111.222.333.4	11111
Premium Snapshot MBP	111.222.333.4	11111
Premium Snapshot MBO	111.222.333.4	11111
Conflated Snapshot MBP & MBOLD	111.222.333.4	11111
Instrument Replay Premium	111.222.333.4	
Instrument Replay Conflated	111.222.333.4	11111
TCP Conflated Feed		
TCP Replay	111.222.333.4	11111

Category	Link
Templates File:	templates_FixBinary.xml

Note: Press the Start Test button to start or restart a Test. Please do not press the Start Test button again if you are currently running this test.

[START TEST](#)

Test Not Running

Description	Flag	Status
1 Over an iLink connection, submit a Day Limit Order message.		Not Tested
2 Receive and Process Execution Report - New Order message.		Not Tested
3 Submit an Order Cancel/Replace Request without OrderID.		Not Tested
4 Receive and process Execution Report - Modify.		Not Tested

Key: not tested complete pending failed

(Test results will automatically refresh for up to 2 minutes).



Note: If a test is not proceeding to the next step, selecting the Refresh button ([REFRESH](#)) below the test steps may resolve the issue.



To run an Order Cancel-Replace without Order ID test:

1. Select a **SenderComp** from the drop-down and select **ASSIGN** if a SenderComp is not already assigned.
2. From the **Contracts** drop-down, select the desired contract if the contract is not already locked.
3. Select the **START TEST** button.

Note: DO NOT select the **START TEST** button once the test is in progress.

4. Over an iLink connection, submit a [Day Limit](#) [35=D - tag 59(TimeInForce)=0(Day), tag 40(OrdType)=2(Limit)] Order message.
5. Receive and Process [Execution Report - New Order](#) (35=8, 39=0) message.
6. Submit an [Order Cancel/Replace Request](#) (35=G) without OrderID (omit tag 37-OrderID or send null value).
7. Receive and process [Execution Report - Modify](#) (35=8, 39=5).

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Steps of the test: Order Cancel Replace without OrderID for On-Demand Format

This test could take up to several minutes. Please do not close the window during the test. Closing window/stopping test requires to rerun the test from step1.

Purpose
The purpose of this test is to verify the client system can submit and modify a Day limit order without providing an OrderID (tag 37).

Selected Instrument(s): UB34C#_5/8_03/99 - 700
Unlock

Category	IP	Port
Incremental Premium Feed A	111.222.333.4	11111
Incremental Premium Feed B	111.222.333.4	11111
Incremental Conflated Feed A	111.222.333.4	11111
Incremental Conflated Feed B	111.222.333.4	11111
Premium Snapshot MBP	111.222.333.4	11111
Premium Snapshot MBO	111.222.333.4	11111
Conflated Snapshot MBP & MBOLD	111.222.333.4	11111
Instrument Replay Premium	111.222.333.4	
Instrument Replay Conflated	111.222.333.4	11111
TCP Conflated Feed		
TCP Replay	111.222.333.4	11111

Category
Link
Templates File: [templates_FixBinary.xml](#)

Note: Press the Start Test button to start or restart a Test. Please do not press the Start Test button again if you are currently running this test.
START TEST

Test Not Running

Description	Flag	Status
1 Over an iLink connection, submit a Day Limit Order message.		Not Tested
2 Receive and Process Execution Report - New Order message.		Not Tested
3 Submit an Order Cancel/Replace Request without OrderID.		Not Tested
4 Receive and process Execution Report - Modify.		Not Tested

Key: not tested complete pending failed

(Test results will automatically refresh for up to 2 minutes).

Beginning of Week Connection with GT Orders for On-Demand Format

The purpose of this test is to verify that the client system can download a fill that is generated for the GT order in the current week before Start of Week Initialization.

Note: If a test is not proceeding to the next step, selecting the Refresh button (REFRESH) below the test steps may resolve the issue.

▶ To run the beginning of week connection with GT Order test:

1. Select a **SenderComp** from the drop-down and select **ASSIGN** if a SenderComp is not already assigned.
2. From the **Contracts** drop-down, select the desired contract if the contract is not already locked.
3. Select the **START TEST** button.



Note: DO NOT select the **START TEST** button once the test is in progress.

4. Over an iLink connection, submit [Limit GT](#) Order for the selected instrument with a quantity greater than 1. Simulates a GT order entered the previous week.
5. Start of Week Initialization, CME reset its sequence numbers to 1 for beginning of week simulation. Submit a [Negotiate](#) message.
6. Receive and process a [Negotiate Response](#) message.
7. Submit an [Establish](#) message to bind connection.
8. Receive and process a [Establishment Acknowledgment](#) message.
9. Submit a [Retransmit Request](#) message for the undelivered Execution Report on the GT order.
10. Receive and process a [Retransmission](#) message for the undelivered Execution Report on the GT order.
11. Submit a [sequence](#) message.
12. Receive and process a sequence message.

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Steps of the test: Beginning of Week Connection with GT Orders for On-Demand Format

This test could take up to several minutes. Please do not close the window during the test. Closing window/stopping test requires to rerun the test from step1.

Purpose
 The purpose of this test is to verify that the client system can download a fill that is generated for the GT order in the current week before Start of Week Initialization.

Instrument(s): [Select](#)

	Description	Flag	Status
1	Over an iLink connection, submit a Limit GT Order for the selected instrument with a quantity greater than 1(This is to simulate a GT order is entered on the previous week).		Not Tested
2	Start of Week Initialization, CME reset its sequence numbers to 1 for beginning of week simulation. Submit a Negotiate message.		Not Tested
3	Receive and process a Negotiate Response message.		Not Tested
4	Submit an Establish message to bind connection.		Not Tested
5	Receive and process a Establishment Acknowledgment message.		Not Tested
6	Submit a Retransmit Request message for the undelivered Execution Report on the GT order.		Not Tested
7	Receive and process a Retransmission message for the undelivered Execution Report on the GT order.		Not Tested
8	Submit a sequence message.		Not Tested
9	Receive and process a sequence message.		Not Tested

Key: not tested complete pending failed

(Test results will automatically refresh for up to 2 minutes).

GTC (Good Till Cancel) Order Test

The purpose of this test is to verify that the client system can submit GTC order and process corresponding response.

Pre-Registered Format

Note: This test is used for both Pre-Registered and On-Demand formats. The below image shows the Pre-Registered format version of the test.

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Steps of the test: GTC(Good Till Cancel) Order Test for Pre-Registered Format

This test could take up to several minutes. Please do not close the window during the test. Closing window/stopping test requires to rerun the test from step1.

Purpose
 The purpose of this test is to verify that the client system can submit GTC order and process corresponding response.

Instrument(s):

Description	Flag	Status
1 Over an iLink connection, submit a Limit GTC Order.		Not Tested
2 Receive and process Execution Report - New Order.		Not Tested
3 Receive and process Execution Report - Trade Outright.		Not Tested

Key: not tested complete pending failed

(Test results will automatically refresh for up to 2 minutes).

Note: If a test is not proceeding to the next step, selecting the Refresh button () below the test steps may resolve the issue.

To run a Good Till Cancel order test:

1. Select a **SenderComp** from the drop-down and select **ASSIGN** if a SenderComp is not already assigned.
2. From the **Contracts** drop-down, select the desired contract if the contract is not already locked.
3. Select the **START TEST** button.

Note: DO NOT select the **START TEST** button once the test is in progress.

4. Over an iLink connection, submit a [Limit GTC](#) Order (tag 40-OrdType=2-Limit, tag 59-TimeInForce=6-GTC).
5. Receive and process [Execution Report - New Order](#).
6. Receive and process [Execution Report - Trade Outright](#).

On-Demand Format

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Steps of the test: GTC(Good Till Cancel) Order Test for On-demand Format

This test could take up to several minutes. Please do not close the window during the test. Closing window/stopping test requires to rerun the test from step1.

Purpose
The purpose of this test is to verify that the client system can submit GTC order and process corresponding response.

Instrument(s): **Select**

Description	Flag	Status
1 Over an iLink connection, submit a Limit GTC Order.		Not Tested
2 Receive and process Execution Report - New Order.		Not Tested
3 Receive and process Execution Report - Trade Outright.		Not Tested

Key: not tested complete pending failed

(Test results will automatically refresh for up to 2 minutes).

GTC (Good Till Date) Order Test

The purpose of this test is to verify that the client system can submit GTD order and process corresponding response.

Pre-Registered Format

Note: This test is used for both Pre-Registered and On-Demand formats. The below image shows the Pre-Registered format version of the test.

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Steps of the test: GTD(Good Till Date) Order Test for Pre-Registered Format

This test could take up to several minutes. Please do not close the window during the test. Closing window/stopping test requires to rerun the test from step1.

Purpose
The purpose of this test is to verify that the client system can submit GTD order and process corresponding response.

Instrument(s): **Select**

Description	Flag	Status
1 Over an iLink connection, submit a Limit GTD Order.		Not Tested
2 Receive and process Execution Report - New Order.		Not Tested
3 Receive and process Execution Report - Trade Outright.		Not Tested

Key: not tested complete pending failed

(Test results will automatically refresh for up to 2 minutes).

Note: If a test is not proceeding to the next step, selecting the Refresh button (**REFRESH**) below the test steps may resolve the issue.

To run a Good Till Date order test:

1. Select a **SenderComp** from the drop-down and select **ASSIGN** if a SenderComp is not already assigned.
2. From the **Contracts** drop-down, select the desired contract if the contract is not already locked.
3. Select the **START TEST** button.



Note: DO NOT select the **START TEST** button once the test is in progress.

- Over an iLink connection, submit a [Limit GTD Order](#) (tag 40-OrdType=2-Limit, tag 59-TimeInForce=6-GTC).
- Receive and process [Execution Report - New Order](#).
- Receive and process [Execution Report - Trade Outright](#).

On-Demand Format

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Steps of the test: GTD(Good Till Date) Order Test for On-demand Format

This test could take up to several minutes. Please do not close the window during the test. Closing window/stopping test requires to rerun t

Purpose

The purpose of this test is to verify that the client system can submit GTD order and process corresponding response.

Instrument(s):

Description	Fla
1 Over an iLink connection, submit a Limit GTD Order.	
2 Receive and process Execution Report - New Order.	
3 Receive and process Execution Report - Trade Outright.	

Key: not tested complete

(Test results will automatically refresh for up to 2 minutes).



Failover Tests

This section contains information on the Failover tests.

MSGW Failover from Primary to Backup Components (Binding without Initialization)

The purpose of this test is to verify that your system can recover and continue to function properly during a primary MSGW failover.

Pre-Registered or On-Demand Format



Note: This test is used for both Pre-Registered and On-Demand formats. The below image shows the Pre-Registered format version of the test.

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Steps of the test: MSGW failover from primary to backup components (Binding without Initialization) for On-Demand Format

This test could take up to several minutes. Please do not close the window during the test. Closing window/stopping test requires to rerun the test from step 1.

Purpose
The purpose of this test is to verify that the client system can recover and continue to function properly during the primary MSGW failover by re-establishing the connection to new primary MSGW without re-initialization.

Contracts : 1GLBN0.1GLEB0.1GLBN0-1GLEB0 - 644 Select

Category	IP	Port
Incremental Feed A	224.0.28.125	11644
Incremental Feed B	224.0.25.101	11744
Snapshot MBP	224.0.28.79	19644
Snapshot MBO	224.0.25.254	20644
Instrument Replay	224.0.28.125	16644

Category: Link
Templates File: [templates_FixBinary.xml](#)
Configuration File: [config.xml](#)

Description	Flag	Status
1 Over a primary MSGW connection IP, submit an Establish message to bind connection with MSGW		Not Tested
2 Receive and process Establishment Acknowledgment		Not Tested
3 Submit a Sequence message		Not Tested
4 Receive and process a Sequence message		Not Tested
5 Submit a Limit Day/FAK Order on a primary MSGW connection		Not Tested
6 Receive and process Execution Report - New Order message on a primary MSGW connection		Not Tested
7 Submit a Limit Day/FAK Order on a primary MSGW connection		Not Tested
8 Re-connect to the newly promoted primary, submit an Establish message		Not Tested
9 Receive and process Establishment Acknowledgment		Not Tested
10 Submit a Retransmit Request message on newly promoted primary and receive and process any resent messages		Not Tested
11 Did your system successfully receive and process the Execution Report(s) from the Retransmit Request?		Not Tested
12 After the market open, submit a Limit Day/FAK Order		Not Tested
13 Did your system properly receive and process the execution report?		Not Tested
14 Submit a Sequence message		Not Tested
15 Receive and process a Sequence message		Not Tested
16 Submit a Terminate message		Not Tested
17 Receive and process a Terminate message. The selected session will revert to the previous primary gateway		Not Tested

Key: not tested complete pending failed

REFRESH



Note: If a test is not proceeding to the next step, selecting the Refresh button (REFRESH) below the test steps may resolve the issue.



To run an MSGW Failover from Primary to Backup Components (Binding without Initialization) test:

1. Select a **SenderComp** from the drop-down and select **ASSIGN** if a SenderComp is not already assigned.
2. From the **Contracts** drop-down, select the desired contract if the contract is not already locked.
3. Select the **START TEST** button.



Note: DO NOT select the **START TEST** button once the test is in progress.

4. Over a primary MSGW connection IP, submit an [Establish](#) message to bind the connection with the MSGW.
5. Receive and process the [Establishment Acknowledgment](#) message.
6. Submit a [Sequence](#) message.

7. Receive and process a Sequence message.
8. Submit a [Limit Day Order](#) on a primary MSGW connection.
9. Select **Yes** or **No** to indicate whether your system received and processed the [Execution Report - New Order](#) message on a primary MSGW connection.
10. Submit a Limit Day Order on a primary MSGW connection.
11. Re-connect to the newly promoted primary, submit an [Establish](#) message.
12. Receive and process [Establishment Acknowledgment](#).
13. Submit a [Retransmit Request](#) message on newly promoted primary and receive and process any resent messages.
14. Select **Yes** or **No** to indicate whether your system received and processed the Retransmit Request?
15. After the market open, submit a Limit Day Order.
16. Select **Yes** or **No** to indicate whether your system received and processed the [Execution Report - New Order](#)?
17. Submit a Sequence message.
18. Receive and process a Sequence message.
19. Submit a Terminate message.
20. Receive and process a Terminate message. The selected session will revert to the previous primary gateway.

MSGW Failover from Primary to Backup Components (Initialization and Binding)

The purpose of this test is to verify that the client system can recover and continue to function properly during the primary MSGW failover by re-initializing and re-establishing the connection to new primary MSGW

Pre-Registered or On-Demand Format



Note: This test is used for both Pre-Registered and On-Demand formats. The below image shows the Pre-Registered format version of the test.

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Steps of the test: MSGW failover from primary to backup components (Initialization and Binding) for On-Demand Format

This test could take up to several minutes. Please do not close the window during the test. Closing window/stopping test requires to rerun the test from step 1.

Purpose
The purpose of this test is to verify that the client system can recover and continue to function properly during the primary MSGW failover by re-initializing and re-establishing the connection to new primary MSGW

Contracts : 1GLBN0.1GLBV0.1GLBN0.1GLBV0 - 644 Select

Category	IP	Port
Incremental Feed A	224.0.28.125	11644
Incremental Feed B	224.0.25.101	11744
Snapshot MBP	224.0.28.79	19644
Snapshot MBO	224.0.25.254	20644
Instrument Replay	224.0.28.125	16644

Category: Link
Templates File: [templates_FixBinary.xml](#)
Configuration File: [config.xml](#)

Description	Flag	Status
1 Over a primary MSGW connection IP, submit a Negotiate message using new UUID to initialize the connection with MSGW		Not Tested
2 Receive and process a Negotiation Response message		Not Tested
3 Submit an Establish message to bind connection with MSGW		Not Tested
4 Receive and process Establishment Acknowledgment		Not Tested
5 Submit a Sequence message		Not Tested
6 Receive and process a Sequence message		Not Tested
7 Submit a Limit Day/FAK Order on a primary MSGW connection		Not Tested
8 Receive and process Execution Report - New Order message on a primary MSGW connection		Not Tested
9 Submit a Limit Day/FAK Order on a primary MSGW connection		Not Tested
10 Re-connect to the newly promoted primary, submit a Negotiate message using new UUID to re-initialize the connection		Not Tested
11 Receive and process a Negotiation Response message		Not Tested
12 Submit an Establish message to bind the connection		Not Tested
13 Receive and process Establishment Acknowledgment		Not Tested
14 Submit a Retransmit Request message on newly promoted primary and receive and process any resent messages		Not Tested
15 Did your system successfully receive and process the Execution Report(s) from the Retransmit Request?		Not Tested
16 After the market open, submit a Limit Day Order		Not Tested
17 Did your system properly receive and process the execution report?		Not Tested
18 Submit a Sequence message		Not Tested
19 Receive and process a Sequence message		Not Tested
20 Submit a Terminate message		Not Tested
21 Receive and process a Terminate message. The selected session will revert to the previous primary gateway.		Not Tested

Key: not tested complete pending failed

REFRESH



Note: If a test is not proceeding to the next step, selecting the Refresh button (REFRESH) below the test steps may resolve the issue.



To run an MSGW Failover from Primary to Backup Components (Initialization and Binding) test:

1. Select a **SenderComp** from the drop-down and select **ASSIGN** if a SenderComp is not already assigned.
2. From the **Contracts** drop-down, select the desired contract if the contract is not already locked.
3. Select the **START TEST** button.



Note: **DO NOT** select the **START TEST** button once the test is in progress.

4. Over a primary MSGW connection IP, submit a [Negotiate](#) message using new UUID to initialize the connection with MSGW.

5. Receive and process a [Negotiation Response](#) message.
6. Submit an [Establish](#) message to bind connection with MSGW.
7. Receive and process the [Establishment Acknowledgment](#).
8. Submit a [Sequence](#) message.
9. Receive and process a Sequence message.
10. Submit a [Limit Day Order](#) on a primary MSGW connection.
11. Select **Yes** or **No** to indicate whether your system received and processed the [Execution Report - New Order](#) message on a primary MSGW connection.
12. Submit a Limit Day Order on a primary MSGW connection.
13. Re-connect to the newly promoted primary: Submit a Negotiate message using new UUID to re-initialize the connection.
14. Receive and process a Negotiation Response message.
15. Submit an Establish message to bind the connection.
16. Receive and process the Establishment Acknowledgment.
17. Submit a [Retransmit Request](#) message on newly promoted primary and receive and process any resent messages.
18. Select **Yes** or **No** to indicate whether your system received and processed the Execution Report(s) from the Retransmit Request?
19. After the market open, submit a Limit Day Order.
20. Select **Yes** or **No** to indicate whether your system received and processed the execution report?
21. Submit a Sequence message.
22. Receive and process a Sequence message.
23. Submit a [Terminate](#) message.
24. Receive and process a Terminate message. The selected session will revert to the previous primary gateway.

MSGW Failover from Primary to Backup Components for Mass Quoting Systems (Binding without Initialization)

The purpose of this test is to verify that the client Mass Quoting system can recover and continue to function properly during the primary MSGW failover by re-establishing the connection to the new primary MSGW without re-initialization.

Pre-Registered or On-Demand Format



Note: This test is used for both Pre-Registered and On-Demand formats. The below image shows the Pre-Registered format version of the test.

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Steps of the test: MSGW failover from primary to backup components for Mass Quoting Systems (Binding without Initialization) for Pre-Registered format

This test could take up to several minutes. Please do not close the window during the test. Closing window/stopping test requires to rerun the test from step 1.

Purpose
The purpose of this test is to verify that the client Mass Quoting system can recover and continue to function properly during the primary MSGW failover by re-establishing the connection to new primary MSGW without re-initialization.

Selected Contract: BBOHGW_5_0_03/05-700 **Unlock**

Category	IP	Port
Incremental Premium Feed A	233.143.214.12	15709
Incremental Premium Feed B	233.143.214.140	16709
Incremental Confated Feed A	233.143.214.27	15710
Incremental Confated Feed B	233.143.214.155	16710
Premium Snapshot MBP	233.143.214.14	22709
Premium Snapshot MBO	233.143.214.13	20709
Confated Snapshot MBP & MBOLD	233.143.214.28	22710
Instrument Replay Premium	233.143.214.15	14709
Instrument Replay Confated	233.143.214.29	14710

Category	Link
Templates File:	templates_FixBinary.xml
Premium Configuration File:	config.xml
Confated Configuration File:	config.xml
TCP Session Management SBE Schema:	templates_MdcSessionMgmt.xml

Note: Press the Start Test button to start or restart a Test. Please do not press the Start Test button again if you are currently running this test. **START TEST**

Description	Flag	Status
1 Over a primary MSGW connection IP, submit an Establish message to bind connection with MSGW		Not Tested
2 Receive and process Establishment Acknowledgment		Not Tested
3 Submit a Sequence message		Not Tested
4 Receive and process a Sequence message		Not Tested
5 Submit a two-sided Mass Quote (35=i) message for at least 2 quotes from the same instrument group, each having a quantity greater than 5		Not Tested
6 Receive and process Mass Quote Acknowledgment		Not Tested
7 Re-connect to the newly promoted primary, submit an Establish message		Not Tested
8 Receive and process Establishment Acknowledgment		Not Tested
9 Submit a Retransmit Request message on newly promoted primary and receive and process any resent messages		Not Tested
10 Did your system successfully receive and process the Execution Report(s) from the Retransmit Request?		Not Tested
11 After the market open, submit a two-sided Mass Quote (35=i) message for at least 2 quotes from the same instrument group, each having a quantity greater than 5		Not Tested
12 Receive and process Mass Quote Acknowledgment		Not Tested
13 Submit a Sequence message		Not Tested
14 Receive and process a Sequence message		Not Tested
15 Submit a Terminate message		Not Tested
16 Receive and process a Terminate message. The selected session will revert to the previous primary gateway		Not Tested

Key: not tested complete pending failed

REFRESH



Note: If a test is not proceeding to the next step, selecting the Refresh button (**REFRESH**) below the test steps may resolve the issue.



To run an MSGW Failover from Primary to Backup Components for Mass Quoting Systems (Binding without Initialization) test:

1. Select a **SenderComp** from the drop-down and select **ASSIGN** if a SenderComp is not already assigned.
2. From the **Contracts** drop-down, select the desired contract if the contract is not already locked.
3. Select the **START TEST** button.



Note: **DO NOT** select the **START TEST** button once the test is in progress.

4. Over a primary MSGW connection IP, submit an [Establish](#) message to bind the connection with the MSGW.
5. Receive and process [Establishment Acknowledgment](#).
6. Submit a [Sequence](#) message.
7. Receive and process a Sequence message.
8. Submit a two-sided [Mass Quote \(35=i\)](#) message for at least 2 quotes from the same instrument group, each having a quantity greater than 5.
9. Select **Yes** or **No** to indicate whether your system received and processed the [Mass Quote Acknowledgment](#).
10. Re-connect to the newly promoted primary, submit an Establish message.
11. Receive and process the Establishment Acknowledgment.
12. Submit a [Retransmit Request](#) message on the newly promoted primary and receive and process any resent messages.
13. Select **Yes** or **No** to indicate whether your system received and processed the Execution Report(s) from the Retransmit Request.
14. After the market open, submit a two-sided Mass Quote (35=i) message for at least 2 quotes from the same instrument group, each having a quantity greater than 5.
15. Select **Yes** or **No** to indicate whether your system received and processed the Mass Quote Acknowledgment.
16. Submit a Sequence message.
17. Receive and process a Sequence message.
18. Submit a [Terminate](#) message.
19. Receive and process a Terminate message. The selected session will revert to the previous primary gateway.

MSGW Failover from Primary to Backup Components for Mass Quoting Systems (Initialization and Binding)

The purpose of this test is to verify that the client Mass Quoting system can recover and continue to function properly during the primary MSGW failover by re-initializing and re-establishing the connection to the new primary MSGW

Pre-Registered or On-Demand Format



Note: This test is used for both Pre-Registered and On-Demand formats. The below image shows the Pre-Registered format version of the test.

Interview Test Suite **Test Case** Post Certification Help

Steps of the test: MSGW failover from primary to backup components for Mass Quoting Systems (Initialization and Binding) for Pre-Registered format

This test could take up to several minutes. Please do not close the window during the test. Closing window/stopping test requires to rerun the test from step 1.

Purpose
The purpose of this test is to verify that the client Mass Quoting system can recover and continue to function properly during the primary MSGW failover by re-initializing and re-establishing the connection to the new primary MSGW.

Selected Contract: BBONDw_5.0_03/05-700 **Unlock**

Category	IP	Port
Incremental Premium Feed A	233.143.214.12	15700
Incremental Premium Feed B	233.143.214.140	15700
Incremental Confated Feed A	233.143.214.27	15710
Incremental Confated Feed B	233.143.214.155	15710
Premium Snapshot MBP	233.143.214.14	22700
Premium Snapshot MBO	233.143.214.13	20700
Confated Snapshot MBP & MBO	233.143.214.28	22710
Instrument Replay Premium	233.143.214.15	14700
Instrument Replay Confated	233.143.214.29	14710
TCP Confated Feed		

Category	Link
Templates File:	templates_FixBinavum
Premium Configuration File:	config.xml
Confated Configuration File:	config.xml
TCP Session Management SBE Schema:	templates_MicroSessionMgmt.xml

Note: Press the Start Test button to start or restart a Test. Please do not press the Start Test button again if you are currently running this test. **START TEST**

Description	Flag	Status
1 Over a primary MSGW connection IP, submit a Negotiate message using new UUID to initialize the connection with MSGW		Not Tested
2 Receive and process a Negotiate Response message		Not Tested
3 Submit an Establish message to bind connection with MSGW		Not Tested
4 Receive and process Establishment Acknowledgment		Not Tested
5 Submit a Sequence message		Not Tested
6 Receive and process a Sequence message		Not Tested
7 Submit a two-sided Mass Quote (35%) message for at least 2 quotes from the same instrument group, each having a quantity greater than 5		Not Tested
8 Receive and process Mass Quote Acknowledgment		Not Tested
9 Re-connect to the newly promoted primary, submit a Negotiate message using new UUID to re-initialize the connection		Not Tested
10 Receive and process a Negotiate Response message		Not Tested
11 Submit an Establish message to bind the connection		Not Tested
12 Receive and process Establishment Acknowledgment		Not Tested
13 Submit a Retransmit Request message on newly promoted primary and receive and process any resent messages		Not Tested
14 Did your system successfully receive and process the Execution Report(s) from the Retransmit Request?		Not Tested
15 After the market open, submit a two-sided Mass Quote (35%) message for at least 2 quotes from the same instrument group, each having a quantity greater than 5		Not Tested
16 Receive and process Mass Quote Acknowledgment		Not Tested
17 Submit a Sequence message		Not Tested
18 Receive and process a Sequence message		Not Tested
19 Submit a Terminate message		Not Tested
20 Receive and process a Terminate message. The selected session will revert to the previous primary gateway.		Not Tested

Key: not tested complete pending failed

REFRESH



Note: If a test is not proceeding to the next step, selecting the Refresh button (**REFRESH**) below the test steps may resolve the issue.

▶ **To run an MSGW Failover from Primary to Backup Components for Mass Quoting Systems (Initialization and Binding) test:**

1. Select a **SenderComp** from the drop-down and select **ASSIGN** if a SenderComp is not already assigned.
2. From the **Contracts** drop-down, select the desired contract if the contract is not already locked.
3. Select the **START TEST** button.



Note: **DO NOT** select the **START TEST** button once the test is in progress.

4. Over a primary MSGW connection IP, submit a [Negotiate](#) message using new UUID to initialize the connection with MSGW.
5. Receive and process a [Negotiate Response](#) message.
6. Submit an [Establish](#) message to bind connection with MSGW.
7. Receive and process [the Establishment Acknowledgment](#).
8. Submit a [Sequence](#) message.
9. Receive and process a Sequence message.
10. Submit a two-sided [Mass Quote \(35=i\)](#) message for at least 2 quotes from the same instrument group, each having a quantity greater than 5.
11. Select **Yes** or **No** to indicate whether your system received and processed the [Mass Quote Acknowledgment](#).
12. Re-connect to the newly promoted primary: Submit a Negotiate message using a new UUID to re-initialize the connection.
13. Receive and process a Negotiate Response message.
14. Submit an Establish message to bind the connection.
15. Receive and process the Establishment Acknowledgment.
16. Submit a [Retransmit Request](#) message on newly promoted primary and receive and process any resent messages.
17. Select **Yes** or **No** to indicate whether your system received and processed the Execution Report(s) from the Retransmit Request?
18. After the market open, submit a two-sided Mass Quote (35=i) message for at least 2 quotes from the same instrument group, each having a quantity greater than 5.
19. Select **Yes** or **No** to indicate whether your system received and processed the Mass Quote Acknowledgment.
20. Submit a Sequence message.
21. Receive and process a Sequence message.
22. Submit a [Terminate](#) message.
23. Receive and process a Terminate message. The selected session will revert to the previous primary gateway.