



2021 DISASTER RECOVERY TEST SCRIPT

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1 OVERVIEW

This test script is intended to be used for the October 23, 2021 SIFMA coordinated industry-wide disaster recovery test.

2 DESIGNATED MEMBERS AND CONTACT LIST

Members were designated by the exchange between the end of Q1 2021 and April 23, 2021. Designated members were notified via email.

2.1 MEMBER SELECTION CRITERIA

MEMX LLC (“MEMX” or the “Exchange”) maintains Rule 2.4 in the MEMX Rulebook, pursuant to Regulation Systems Compliance and Integrity (“Reg SCI”) Rule 1004, which establishes standards for the designation of Member participants that the Exchange reasonably determines are, taken as a whole, the minimum necessary for the maintenance of fair and orderly markets in the event of the activation of its disaster recovery plans. The members designated by MEMX are required to participate in testing of Exchange’s business continuity and disaster recovery plans. If a designated participant should fail to test as required under MEMX Rule 2.4 and this notice, such a failure may result in disciplinary action against the designated Member.

The percentage of volume that the Exchange considers to be meaningful is 5% or greater of executed volume measured in the first quarter of 2021. Members meeting this threshold will be designated by the Exchange via individual communication with at least six months prior notice of such designation. Designated members are required to obtain appropriate connectivity to the MEMX backup systems in Chicago no later than September 15, 2021 and participate in the next mandatory test as required in the communication provided by the Exchange. Although not all Members are designated as required participants the Exchange permits and encourages all Members to connect to and test the MEMX backup systems.

Please contact compliance@memx.com for questions regarding designation as a MEMX mandatory participant.

2.2 MEMBER PARTICIPATION REQUIREMENTS

The Exchange requires each designated Firm to perform the following actions:

- Connect to its DR back-up systems in Chicago
- Submit and execute at least one order on each tape (A,B, and C)
- Confirm receipt of drop copy and market data, if so configured

2.3 TEST DAY CONTACT LIST

MEMX Market Operations mops@memx.com 1-833-415-6677

3 TEST SCOPE

This section provides specific information pertaining to both the pre-test and test day sessions.

3.1 Pre-Tests

MEMX will participate in the SIFMA coordinated pre-test dates. Pre-test dates are provided to assess connectivity issues.

3.1.1 Dates

MEMX will participate in the primary pre-test date schedule for September 25, 2021, from 9:00 am ET – 1:00 pm ET. MEMX will participate in the secondary pre-test scheduled for October 2, 2021, based on customer interest, from 9:00 am ET – 1:00 pm ET. Please contact mops@memx.com at least one week prior to the pre-test date, if your Firm plans to participate in either pre-test.

3.1.2 Pre-Test Requirements

The Exchange encourages anyone participating in DR testing on October 23, 2021, to test connectivity prior to the test day, however MEMX pre-tests are voluntary. The Exchange does not have a pre-test participation requirement.

3.2 Test Expectations

The Exchange requires each designated Firm to perform the following actions:

- Connect to its DR back-up systems in Chicago
- Submit and execute at least one order on each tape (A,B, and C)
- Confirm receipt of drop copy and market data, if so configured

Firms designated as mandatory participants, please contact the Exchange (mops@memx.com or 1-833-415-6677) once the Firm has completed testing for validation of completion.

3.3 TEST PLAN

3.3.1 TEST DESCRIPTION

MEMX will participate in the SIFMA coordinated disaster recovery test from the Exchange's Chicago datacenter on October 23, 2021.

3.3.2 SYSTEMS AVAILABILITY

Full system functionality will be available via the Exchange's Chicago datacenter during the test.

3.3.3 TEST SCHEDULE

Time (ET)	Trading Status
8:30 AM	Session Available
9:00 AM	Pre-Market Session Begins
9:30 AM	Market Session Begins
12:00 PM	Market Session Ends/Post-Market Begins
1:00 PM	Post-Market Session Ends
1:15 PM	Session Closed

3.4 TEST PARAMETERS

3.4.1 SYMBOLS

The Exchange will support all NMS symbols and test symbols during testing. Please reference the SIFMA playbook which contains a list of “production symbols” that may provide more liquidity on test day.

3.4.2 TRANSACTIONS

The Exchange requires each designated participant to submit and execute at least one order on each tape (A, B, and C). Please contact MEMX Market Operations for assistance, as necessary.

MEMX Market Operations mops@memx.com 1-833-415-6677

4 TEST COMPLETION

4.1 ACKNOWLEDGEMENT PROTOCOL

The Exchange requests that after each Firm that has been designated as a mandatory participant believes they have completed the requirements, as set forth in Section 3.2 of this document, that the Firm contact MEMX Market Operations.

MEMX Market Operations mops@memx.com 1-833-415-6677

4.2 POST-TEST NOTIFICATION

Firms designated as mandatory participants will receive a test summary email from MEMX regarding their participation in the October 23, 2021 DR testing within two weeks after the test date.

Please contact compliance@memx.com for additional information about post-test communications.

5 REFERENCE MATERIALS

- [MEMX Regulatory Notice 21-02: Mandatory Participation in Regulation SCI Disaster Recovery Testing](#)
- [SIFMA Industry-Wide Business Continuity Test Site](#)