

## Regulatory Circular RG14-001

**Date:** January 2, 2014

**To:** Trading Permit Holders

**From:** Business Development and Systems Divisions

**RE:** Back-Up Data Center Test on January 25, 2014

On Saturday, January 25, 2014, CBOE will conduct a test to simulate a failure at CBOE's Equinix NY4 primary data center and a recovery to back-up systems at CBOE's 400 South LaSalle Street data center. The Exchange is requiring<sup>i</sup> participation in this test by all CBOE Trading Permit Holders (TPHs) required to connect to the back-up data center (see Regulatory Circular RG13-110):

- All Market-Makers in option classes exclusively listed on CBOE who are streaming quotes in such classes;
- All Designated Primary Market-Makers (DPMs) in multiply listed option classes; and
- All TPHs connected to the CBOE primary data center and transacting non-TPH customer business unless a TPH can demonstrate ready access to the back-up data center through another TPH connected to the back-up data center.

Since the primary objective of this simulation is to exercise a coordinated switch from CBOE's primary to its back-up data center (and gain an understanding of the amount of time required to do so by both CBOE and its TPHs), the test will begin with all participants connected to CBOE's primary data center. At some point after the start of the test, CBOE will simulate a disaster declaration via standard alerting mechanisms such as SendWordNow and Systems Status notifications, switch trading functions over to its back-up systems, and have all participants connect to the back-up systems. Participants will be asked to submit orders and/or quotes both before and after the switch. Post-test reporting requirements will consist of:

- The elapsed time between the disaster declaration and the TPH's connectivity to CBOE's back-up systems;
- Timestamps of TPH's first quotes and/or orders sent to CBOE's back-up systems; and
- Confirmation that messages sent and received were processed by the TPH correctly (or reports of any anomalies).

Following the test, CBOE will switch trading functions back over to primary systems at NY4 to allow TPHs to validate normal production connectivity.

Additional materials will be distributed in advance of the test.

### **Additional Information:**

Please contact the CBOE Help Desk at 866-728-2263, Anthony Montesano (312) 786-7365, or Matt Danaher at (312)786-8810 for additional information.

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<sup>i</sup> Please see CBOE Rule 6.23A(f) for more information regarding the mandatory systems testing. TPHs that are subject to this rule and fail to conduct or participate in the testing may be subject to a summary suspension pursuant to Chapter XVI (Summary Suspension) and/or disciplinary action pursuant to Chapter XVII (Discipline).