

August 7, 2019

To: OPRA Multicast Subscribers

Subject: UPDATE: New OPRA Trade Message Codes Industry Test Dates

What's New:

As previously published (<u>previous OPRA notice</u> on this subject, dated April 8, 2019), OPRA is making changes to the existing selection of trade message type identification codes for OPRA trade category (Category 'a', Equity and Index Last Sale) messages. New codes/types and descriptions are being added.

When is it Changing:

OPRA support for the new selection of message type identification codes will be **activated on Monday**, **November 4, 2019**. A Confidence Test will take place prior to the activation. A replay file of all trade type values has been available since May 1st.

Testing Schedule

Industry Test #1: Saturday, September 7, 2019
Industry Test #2: Saturday, October 12, 2019
Confidence Test: Saturday, November 2, 2019
Activation: Monday, November 4, 2019

Industry Test Scope:

- Most options exchanges will be participating in Industry Test #1. All options exchanges will be participating in Industry Test #2.
- The goal of the tests is for each exchange to generate the new codes they intend to use, as well as the old codes they will continue to use.
- Fallback to using the old codes that will be obsolete will be exercised as the last part of the test.

Test Timeframe for both Industry Tests:

• 9:00-9:30am: Pre-Opening

• 9:30-10:30am: New type codes generation

• 10:30am: Fallback to old type codes (fallback will not be exercised during the Confidence Test)

• 10:30am-11:00am: Old type codes generation

• 11:00am: End of Test

Fallback:

On the activation date of November 4, 2019, in the event of an exchange(s) fallback to using old codes, unaffected exchanges will continue to use the new codes.

Other Participant Testing:

Between Industry Test #1 and the Confidence Test, OPRA Participants will be testing the new codes on the Saturdays between both tests.

Documentation:

The new OPRA Output Binary Data Recipient Interface Spec including the new OPRA trade codes and their descriptions can be found at www.opraplan.com in the Documents Library-Output Specs Binary section. Updates to the "Message Type" section depict which trade codes are new, which are retained, and which will be obsolete.

Replay data:

Replay files with test data including all Category "a" message types have been available since May 1^{st} , and will continue to be generated until November 1^{st} . Test data will continue to be disseminated Monday - Friday from 9:00-9:15 p.m. ET from the multicast Playback Test channels (not over Production channels).

Indirect OPRA subscribers must contact their service provider to coordinate testing.

Technical Information:

- For any OPRA technical questions please email: CQS-CTS-OPRA@siac.com.
- Multicast Data Feed Subscribers can also contact the SIAC NMS Product Management Desk at 212-656-8177, Option 2. If support team members are engaged with other customers, please leave a detailed voice message stating the purpose of your call, which will produce an email of your message to the support team.

Business Information:

• For any OPRA business questions please contact OPRA at: opra@opraplan.com or 312-786-7195.