April 16, 2021

To: OPRA Multicast Data Feed Subscribers

Subject: OPRA Migration to new Pillar Platform: April 24, 2021, Production Functional IndustryTest #3

- Test Plan

What You Should Know:

As previously <u>announced</u>, OPRA will be migrating to the new Pillar SIP platform on **July 26**, **2021**. Built using the architecture of the NYSE Pillar platform, the Pillar SIP is distributed, scalable, resilient, and designed for low latency (e.g., under 20 microseconds at the median).

April 24, 2021 Industry Test:

Time: 9:00 AM - 12:05 PM, ET

OPRA IGN Subscriber Conference Call:

Access Number: 212-209-9920

Bridge ID: 81756Passcode: 63245

Test Plan:

- The test plan includes all OPRA message types according to the specifications. The test plan can be found on the OPRA Pillar page: www.opraplan.com/pillar, in the "Test Plans" section (the file will be downloaded).
- OPRA Participants will generate the message types they normally generate during the trading day.
- Multicast Subscribers should validate the multicast messages in the test plan and <u>return the</u> <u>checklist</u> with your testing results to <u>CTA-OPRA-Support@siac.com</u>.
- Participants will generate input data and Data Subscribers will process multicast data and request retransmissions (if required).
- After this test, on Monday, April 26, 2021, the Parallel Production Phase will begin. OPRA Subscribers must use the legacy multicast feeds for Production data services until the production launch of OPRA Pillar on Monday, July 26, 2021.

The OPRA Pillar parallel production multicast lines are as follows:

- Regular Hours: Multicast Lines 1, 2, 3, and 4
- Extended Hours: Multicast Lines 97, 98, 99, and 100

OPRA Pillar multicast addressing can be found in Appendix D here.

Remaining Test Dates:

Certification (Cert) System Functional Testing:

- Began: Monday, February 22, 2021 Regular Hours Session
 Began: Monday, March 8, 2021 Extended Hours Session
- Ends: Friday, July 9, 2021

Industry Functional Testing:

- Saturday, March 27, 2021 complete
- Saturday, April 10, 2021 complete
- Saturday, April 24, 2021

Parallel Production Testing:

Begins: Monday, April 26, 2021

DR as Primary

- Week #1 Monday, May 24, 2021 Friday, May 28, 2021
- Week #2 Monday, June 14, 2021 Friday, June 18, 2021
- Ends: Friday, July 23, 2021

Industry Non-Functional Testing:

- Saturday, May 8, 2021
- Saturday, May 22, 2021
- Saturday, June 5, 2021
- Saturday, June 12, 2021
- Saturday, June 26, 2021

Production Final SoftwareTest:

- Saturday, July 10, 2021
- Production Confidence Test:
 - Saturday, July 24, 2021
- Activation Date:
 - Monday, July 26, 2021

For OPRA Technical Inquiries

- If you have any OPRA technical questions, please send an email to <u>CTA-OPRA-Support@siac.com</u>
- 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 a ticket of your message to the support team.