July 19, 2021

To: OPRA Multicast Data Feed Subscribers

Subject: OPRA Migration to new Pillar SIP Platform: Confidence Test and Plan for Go-Live Monday, July 26, 2021 - Final Reminder

What You Should Know:

As previously announced, 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).

What is Changing:

There are functional and non-functional changes associated with the migration to OPRA Pillar. Please see the differences document and revised multicast specifications. Documentation can be found here.

July 24, 2021 Confidence Test Plan:

- Preparation for OPRA Pillar Go-Live Monday, July 26, 2021

Time: 9:00 AM - 11:00 AM, ET

OPRA Subscriber Conference Call:
- Access Number: 212-209-9920
- Bridge ID: 81756
- Passcode: 63245

Test Plan
- 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 return the checklist with your testing results to CTA-OPRA-Support@siac.com.
- Participants will generate input data and Data Subscribers will process multicast data and request retransmissions (if required).

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

- **Industry Functional Testing:**
  - Saturday, March 27, 2021 - completed
  - Saturday, April 10, 2021 - completed
  - Saturday, April 24, 2021 - completed

- **Parallel Production Testing:**
  - Began: Monday, April 26, 2021 - in progress
  - **DR as Primary**
    - Week #1 Monday, May 24, 2021 - Friday, May 28, 2021 - completed
    - Week #2 Monday, June 14, 2021 - Friday, June 18, 2021 - completed
  - Ends: Friday, July 23, 2021

- **Industry Non-Functional Testing:**
  - Saturday, May 8, 2021 - completed
  - Saturday, May 22, 2021 - completed
  - Saturday, June 5, 2021 - completed
  - Saturday, June 12, 2021 - completed
  - Saturday, June 26, 2021 - completed

- **Production Final Software Test:**
  - Saturday, July 10, 2021 - completed

- **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 CTA-OPRA-Support@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 a ticket of your message to the support team.