SIAC Securities Industry Automation Corporation
11 Wall Street, New York, NY 10005

March 31, 2021

To: OPRA Multicast Data Feed Subscribers

Subject: OPRA Migration to new Pillar SIP Platform: **Industry Functional Test #2 - April 10, 2021
           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 changes associated with the migration to OPRA Pillar. Please see the differences
document and revised multicast specifications. Documentation can be found here.

Industry Functional Testing:

Industry functional testing began on Saturday, March 27, 2021; three functional tests are planned.
Participants will generate input data and Data Subscribers will process multicast data and request
retransmissions (if required).

The industry test plan will be provided in a separate notice next week.

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

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

Parallel Production Testing:

During the period of April 26, 2021, through Friday, July 23, 2021, four OPRA Pillar regular hours multicast lines and all four extended hours multicast lines will run in parallel, to allow Subscribers to perform data comparisons. **OPRA Subscribers must use the legacy multicast feeds for Production data services until the production launch of Pillar SIP 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.

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.