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August 28, 2015

To: OPRA Multicast Data Recipients

Subject: New OPRA System Output Communications Network Source IP Addresses:
Advertisement/Activation – **UPDATE 3**

What's New:

As previously [announced](#), SIAC is in the process of upgrading OPRA hardware. As a result of this effort, new and OPRA Source IP Addresses are being added to the SFTI network.

What You Need to Know:

Data Recipients who currently employ mechanisms for controlling OPRA data flow, such as firewall and/or router filter configurations, will need to make modifications to permit the new Source IP Addresses. If necessary changes are not made, Data Recipients will not receive OPRA multicast data. All Data Recipients will be required to process data with **both the new and existing** Source IP Addresses for rollout and fallback purposes.

Multicast IP Addresses and Ports for OPRA will remain unchanged.

When is it Changing? – UPDATE 3:

The network advertisement and activation dates for this effort have been rescheduled and will take place as follows:

- The **new network advertisement** over SFTI began: **August 17, 2015**
- The new OPRA Source IP Addresses will be activated in a phased-in approach beginning with the activation of Time Beacon the week of August 31, 2015. The new OPRA Source IP Addresses for Retransmission/ Playback Test followed by Production will be activated in subsequent weeks.

Note: Between August 28th and September 25th, network advertisements of the new Source IP Addresses will be turned off between 5:00 pm and 9:00 pm, ET.

When will the new Source IPAddresses be advertised for testing?:

The new Source IP Addresses are currently being advertised over the SFTI network except during the period **between 5:00 pm and 9:00 pm, ET.** Weekday evening test data is being disseminated over all OPRA multicast channels (Production/Retransmission/Playback Test) between 9:15 pm ET to 9:30 pm ET.

Where Can I Find Documentation?:

The new Source IP Addresses are detailed in **Appendix E** of the National Market Systems, Common IP Multicast Distribution Network Recipient Interface Specification, version 1.42 which may be obtained at the following website:

http://www.opradata.com/specs/ipmspecv1%2042_05042015.pdf .

Testing Coordination:

Test data via the new Source IP Addresses from both the Primary Data Center and the Disaster Recovery (Backup) Data Center continues to be available on weekday evenings from 9:15 pm – 9:30 pm ET over all multicast channels.

Please note that test data with the new Source IP Addresses **will not be published during production hours; they will only be available after production hours.**

To coordinate testing, and to **provide verbal or written confirmation of testing which is required by all direct Data Recipients**, please register in one of the following ways:

1. E-mail your name, organization name, phone number, and date of test request(s) to: CQS-CTS-OPRA@siac.com, or
2. Contact the Client Support Desk at 212-896-2830, Option 5.

Test data will **not** be disseminated if Data Recipients are **not** registered to test.

Indirect Data Recipients must contact their service provider to coordinate testing.