February 5, 2013

To: OPRA Multicast Recipients

Subject: New OPRA Binary Output Formats: REVISION 3

Background
As previously announced on February 24th, March 28th, April 17th, and November 17th, 2012, SIAC has completed the design of the next generation of OPRA formats. The purpose of this notice is to advise all OPRA Data Recipients of a revision to the April 8, 2013, implementation to the new binary output format.

Revised Start Date
Due to the implementation date change of Limit Up/Limit Down on the Equities market now scheduled for April 8, 2013, the implementation to the new OPRA binary output format is revised to Monday, May 6, 2013.

At Start of Day May 6, 2013 OPRA will move from the current OPRA FAST output format to a new binary output format, in order to reduce network bandwidth requirements and OPRA latency. All OPRA multicast addresses will remain the same: 48-Equity/Index Production (48 A-Stream, 48 B-Stream), 48 Retransmissions, and 48 Playback-Test (total 192).

Implementation
Implementation of the new binary formats will be a cold-cut; therefore multicast recipients must handle both the old and new formats in the event a fallback becomes necessary.

The revised implementation schedule is as follows:

- New Binary output formats final verification: Saturday, May 4, 2013
- New Binary output formats activation: Monday, May 6, 2013

Specification

Technical Questions
If you have any technical questions, please send an email to CQS-CTS-OPRA@siac.com, or contact the Service Desk at 866-873-7422.
Testing
• New binary output formats test data availability: began April 5, 2012
• OPRA support of 48-line OPRA FAST and binary dual network with canned test data replay available every week day evening: began October 8, 2012
• OPRA support of two Equity/Index multicast lines (3 and 4) in both OPRA FAST and new binary output format over the production network during production hours: began November 30, 2012

Replay files with sample new binary output formats continue to be available Tuesday and Thursday evenings upon request only. To coordinate testing, and to provide verbal or written confirmation of testing which is required by all Multicast 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 Service Desk at 866-873-7422.

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

Sincerely,

Michael Collazo
Director
NMS Product Planning & Management