

August 11, 2015

To: OPRA Multicast Data Recipients

Subject: Implementation of new OPRA Expanded Message Header Formats - **UPDATE**

**What's New:**

This notification is to inform all OPRA Data Recipients that OPRA will introduce new Expanded Message Header formats to support a new Transaction ID field which will be supported in the OPRA Multicast Output Message Header. This new Transaction ID field will allow Participants/OPRA to cross reference inbound transactions with their corresponding outbound transactions. The Multicast Output Transaction ID information is intended for **SIP Internal Use Only**. Data Recipients should ignore/disregard this field to the extent that they do not impact their normal data processing.

**What's Changing:**

To accommodate the new Transaction ID field in outbound messages, the Block Header will be generated with a new Version number "5" and the Message Header will be expanding from a total of 4 bytes to 12 bytes and will include the following field modification:

OLD (EXISTING) MESSAGE HEADER FORMAT		NEW EXPANDED MESSAGE HEADER FORMAT	
Field Name	Length	Field Name	Length
Participant ID	1	Participant ID	1
Message Category	1	Message Category	1
Message Type	1	Message Type	1
Message Indicator	1	Message Indicator	1
		<b>*Transaction ID</b>	<b>8</b>
<b>Total Length</b>	<b>4</b>	<b>Total Length</b>	<b>12</b>

**When is it Changing:** **UPDATE**

The OPRA new Expanded Message Headers are scheduled to be implemented as follows:

- **October 19, 2015**

## **Industry Tests:**

Industry tests will take place on the following Saturday's:

- **September 19, 2015**
- **October 3, 2015**
- **October 17, 2015** (final before activation date)

Test data with the new Expanded Message Header will be disseminated over the OPRA **Production** lines.

## **Implementation Details:**

- OPRA will support both the new Expanded Message Header formats and the old (current) Message Header formats for a transitional period allowing for a rapid fallback.
- **Data Recipients should be prepared to process both the new Expanded Message Header formats and the old (current) Message Header formats in the event of a fallback.**
- Data Recipients that are unable to process both old and new Message Header formats may cease to receive multicast data in the event of a fallback.

## **Testing Schedule**

Replay files with test data including the new OPRA Expanded Message Header formats have been available since August 3rd. Test data will be disseminated Monday - Friday from 9:00 – 9:15 p.m. ET from the multicast Playback Test channels (not over Production channels).

To coordinate testing, and to **provide verbal or written confirmation of testing which is required by all 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.

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

## **Documentation**

Please reference the latest OPRA Output Multicast Specifications, which may be obtained at the website: [www.opradata.com](http://www.opradata.com).