SIAC CONSOLIDATED QUOTATION SYSTEM AND CONSOLIDATED TAPE SYSTEM
Migration to Pillar SIP Platform **TCP INPUT** FAQs
Version 1.0 – January 15, 2020

The Consolidated Tape System (CTS) and Consolidated Quotation System (CQS) will be migrating to the new Pillar SIP platform on **July 13, 2020**. 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).

Migration Schedule

1. **What is the migration schedule for Pillar SIP?**
   - The initial Pillar SIP notification and migration schedule was generated on December 16, 2019. It is posted at www.ctaplan.com. The migration schedule is below.

Testing Dates:

- **Certification (Cert) System Functional Testing:**
  – Begins: Tuesday, February 18, 2020
  – Ends: Friday, June 26, 2020

- **Industry Functional Testing:**
  – Saturday, April 18, 2020
  – Saturday, May 2, 2020
  – Saturday, May 16, 2020

- **Parallel Production Testing:**
  – Begins: Monday, May 18, 2020
  – Ends: Friday, June 26, 2020

- **Industry Non-Functional Testing:**
  – Saturday, May 30, 2020
  – Saturday, June 6, 2020
  – Saturday, June 20, 2020

- **Production Final Software Test:**
  – Saturday, June 27, 2020

- **Production Confidence Test:**
  - Saturday, July 11, 2020

- **Activation Date:**
  - **Monday, July 13, 2020**

Specifications and Documentation

1. **Where can I find documentation related to the Pillar SIP migration?**
   - Documentation related to the Pillar SIP migration can be found at www.ctaplan.com, under 'Pillar SIP'.

2. **Are there any differences between legacy SIP and Pillar SIP?**
   - Yes, there are some functional differences between legacy SIP and Pillar SIP. These differences are detailed at www.ctaplan.com, under 'Pillar SIP'.

Testing

1. **Will Participants have new TCP/IP input addresses to connect to Pillar SIP?**
   - Yes, Participants will be provided with new TCP/IP input addresses, for both the intraday Cert testing system, and the Pillar SIP production systems. SIAC personnel will work with each Participant to obtain the new input addresses.

2. **What will the three scheduled industry functional tests consist of?**
   - The three industry functional tests will consist of all CTA Participants generating trade and quote data simulating a trading day.

3. **What will the three scheduled industry non-functional tests consist of?**
   - The three industry non-functional tests will consist of failure/recovery testing, failover to backup data center testing, and fallback to legacy SIP testing.

4. **What is the purpose of the Production Final software test?**
   - The purpose of the production final software test is to provide CTA Participants and Subscribers a final test opportunity with the software that will be frozen and which will go live on July 13, 2020. Participants will take part in a Go/No-Go conference call at the end of the test to formally sign off.

5. **What is the purpose of the Production Confidence test?**
   - The purpose of the production confidence test is to provide CTA Participants and Subscribers a final verification opportunity with the software which will go live on July 13, 2020.

Parallel Production Period

1. **Will Participants be required to input into legacy SIP and Pillar SIP on all input lines?**
   - Yes, Participants will be required to input into legacy SIP and Pillar SIP simultaneously on all CQS and CTS input lines. However, Pillar SIP will only be generating output on three CTS lines (Tape A/Line 1, Tape B/Line 1, and one index line) and two CQS lines (Tape A/Line 1, Tape B/Line 1), during the parallel production period.

2. **Will all 26 CTS and 24 CQS Multicast lines operate in parallel, or only a subset of lines?**
   - Only a subset of lines will be in operation during the parallel period: three CTS lines (Tape A/Line 1, Tape B/Line 1, and one index line) and two CQS lines (Tape A/Line 1, Tape B/Line 1).

Fallback

1. **How long is the fallback period?**
   - Pillar SIP will go live on Monday, July 13, 2020. The fallback period will be two weeks, ending at close of business, Friday, July 24, 2020.

2. **If a fallback takes place, will both CQS and CTS fall back simultaneously?**
   - Yes, fallback will take place for both CQS and CTS.