STEREO MOC Status Report
Time Period: 2014:132 – 2014:138

STEREO Ahead (STA) Status:

1. The following Ground System anomalies/events occurred during
   this reporting period:

   • None

2. The following spacecraft/instrument events occurred during
   this week:

   • On day 134, MOps permanent macro release 1.1.20 was copied
     to EEPROM. This release removed all SSR housekeeping
     double playback commands from all relevant macros to ensure
     all attitude history data is downlinked.

   • On day 135, the SECCHI instrument reset at 13:40:47z. The
     SECCHI team reconfigured the instrument to operational mode
     at 1700z. This was the 35th reset of SECCHI on the Ahead
     spacecraft.

   • The average daily SSR playback volume for Ahead was 5.1
     Gbits during this week.

STEREO Behind (STB) Status:

1. The following Ground System anomalies/events occurred during
   this reporting period:

   • On day 132, during the DSS-14 support, turbo decoder lock
     was lost briefly at 2305z. This anomaly resulted in the
     loss of two frames of SSR data.

   • On day 137, during the DSS-43 support, turbo decoder lock
     was briefly at 0103z, 0248z and 0521z. This anomaly
     resulted in the loss of five frames of SSR data.

   • On day 137, during the DSS-65 support, turbo decoder lock
     was briefly at 1120z, then again intermittently between
     1228z and 1235z. This anomaly resulted in the loss of 23
     frames of SSR data.

2. The following spacecraft/instrument events occurred during this week:

- On day 134, MOps permanent macro release 1.1.20 was copied to EEPROM. This release removed all SSR housekeeping double playback commands from all relevant macros to ensure all attitude history data is downlinked.

- On day 137, at 0140z, a test of the HGA side lobe RF pattern was conducted with the DSN during the DSS-43 support. The HGA was offpointed 9 degrees and back, at 0.2 degrees increments during a 45 minute period. The purpose of this test was to characterize the received signal power on the side lobes of the HGA. Analysis of the test data is underway.

- The average daily SSR playback volume for Behind was 5.1 Gbits during this week.