STEREO MOC Status Report
Time Period: 2012:240 - 2012:246

STEREO Ahead (STA) Status:

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

   - On day 241, during the DSS-14 support, the uplink was established late at 1435z due to a transmitter anomaly at the station. Later in the support, at 1610z, the transmitter modulation was lost for several seconds. SSR pointers were repositioned to minimize data loss. These anomalies resulted in the loss of 140 minutes of commanding and tracking data. All SSR data was received. See DRs# G113170, G113171, and G113172 for more information.

   - On day 242, the RAID array for the main file server in the STEREO MOC had a disk anomaly at 1430z. This impacted planning, assessment, and data product generation in the MOC. Real-time control operations were not affected. On day 243 at 2300z, after repartitioning one disk, the main file server was back on-line. The anomaly resulted in the delay of data products for days 242 and 243.

   - On day 242, during the DSS-14 support, the downlink carrier lock was lost for eight seconds. Carrier lock was re-established without manual intervention at the station. This anomaly resulted in the loss of several minutes of SSR data for each instrument. See DR# G113176 for more information.

   - On day 243, during the DSS-34 support, turbo decoder lock was lost briefly at 2324z. The anomaly resulted in the loss of four frames of SSR data. See DR# N108353 for more information.

   - On day 244, during the DSS-15 support, turbo decoder lock was lost briefly at 1419z and again 1510z. The anomaly resulted in the loss of two frames of SSR data. See DR# N108354 for more information.

   - On day 246, during the DSS-14 support, turbo decoder lock was lost briefly at 1611z. The anomaly resulted in the loss of 190 frames of SSR data. A DR has been requested.

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

- 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 occurred during this reporting period:

- On day 240, during the DSS-24 support, the uplink was lost when the transmitter went unmodulated at 205719z. The command bind was lost, which interfered with SCMs that were being transmitted by SECCHI at that time. The transmitter went modulated at 205721 and bind was restored shortly thereafter. The affected SCMs were then retransmitted. See DR #G113168 for more information.

- On day 242, the RAID array for the main file server in the STEREO MOC had a disk anomaly at 1430z. This impacted planning, assessment, and data product generation in the MOC. Real-time control operations were not affected. On day 243 at 2300z, after repartitioning one disk, the main file server was back on-line. The anomaly resulted in the delay of data products for days 242 and 243.

- On day 242, during the DSS-25 support, turbo decoder lock was lost intermittently beginning at 2324z through 243-0003z. This anomaly resulted in the loss of 77 frames of SSR data. See DR# N108342 for more information.

- On day 243, during the DSS-65 support, turbo decoder lock was lost intermittently beginning at 1639z through 1838z. This anomaly resulted in the loss of eight frames of SSR data. See DR# N108351 for more information.

- On day 244, during the DSS-54 support, turbo decoder lock was lost briefly at 1810z. This anomaly resulted in the loss of one frame of SSR data. See DR# N108352 for more information.

- On day 246, during the DSS-25 support, turbo decoder lock was lost briefly at 0147z. This anomaly resulted in the loss of one frame of SSR data. A DR has been requested.

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

- The average daily SSR playback volume for Behind was 4.5 Gbits during this week.