STEREO MOC Status Report
Time Period: 2012:191 - 2012:197

STEREO Ahead (STA) Status:

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

   - On day 192, during the DSS-65 support, turbo decoder lock was lost intermittently beginning at 0405z through 0701z. This anomaly resulted in the loss of 198 frames of SSR data. See DR# N108241 for more information.

   - On day 193, during the DSS-54 support, turbo decoder lock was lost briefly at 0442z. This anomaly resulted in the loss of 13 frames of SSR data. See DR# N108244 for more information.

   - On day 196, during the DSS-15 support, turbo decoder lock was lost briefly at 1404z. This anomaly resulted in the loss of one frame of SSR data. A DR has been requested.

   - On day 197, during the DSS-15 support, turbo decoder lock was lost for 16 seconds beginning at 1748:05z due to low received signal level. This anomaly resulted in the loss of several minutes of SSR data. A DR has been requested.

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

   - On day 193, the SWAVES science partition reached 100% full starting at 1745z for 18 minutes. The primary cause for the overwriting of science data was due to the unplanned downtime of DSS-63.

   - On day 194, the 16th HGA Calibration was successfully executed at 1256z.

   - On day 194 the IMPACT SEP GSE laptop was replaced and tested in the MOC. The threshold value for the IMPACT HET instrument was also adjusted.

   - On day 195, the 48th momentum dump was successfully executed at 1630Z, which imparted a delta V of 0.1039 m/sec.

- The average daily SSR playback volume for Ahead was 4.9 Gbits during this week.

STEREO Behind (STB) Status:

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

   - On day 193, during the DSS-54 support, real-time telemetry was lost beginning at 1107z due to the station telemetry processor losing connectivity during a DCD failover. The telemetry processor was rebooted and real-time telemetry was restored at 1114z. This anomaly resulted in the loss of 20 minutes of SSR data for each instrument. See DR# M106839 for more information.

   - On day 194, during the DSS-65 support, turbo decoder lock was lost briefly at 0910z and again at 1122z. This anomaly resulted in the loss of four frames of SSR data. See DR# N108249 for more information.

   - On day 195, during the DSS-65 support, turbo decoder lock was lost briefly at 0957z and again at 1145z. This anomaly resulted in the loss of 16 frames of SSR data. See DR# N108250 for more information.

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

   - On day 193, the SWAVES science partition reached 100% full starting at the following times:

     - 0913z for 30 minutes
     - 2225z for 1.2 hours

     The primary cause for the overwriting of science data was due to the unplanned downtime of DSS-63.

   - On day 193, the 16th HGA Calibration was successfully executed at 1500z.

   - On day 194 the IMPACT SEP GSE laptop was replaced and tested in the MOC. The threshold value for the IMPACT HET instrument was also adjusted.

- On day 196, the SWAVES science partition reached 100% full starting at the following times:

    - 1435z for 3.6 hours
    - 2039z for 47 minutes

  The primary cause for the overwriting of science data was due to the unplanned downtime of DSS-63.

- The average daily SSR playback volume for Behind was 4.1 Gbits during this week.