STEREO MOC Status Report
Time Period: 2011:080 - 2011:086

STEREO Ahead (STA) Status:

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

- On day 080, during the DSS 15 support, telemetry lock was lost due to a DCD anomaly beginning at 1341z through 1429z. At 1441z, the transmitter was declared red due to a coolant system leak. At 1553z, the station was declared red and the antenna was placed in stow. During the next track, to minimize data loss, the SSR pointers were repositioned. However, while the repositioning of the SSR pointers recovered the SECCHI SSR2 special event data, the SECCHI synoptic SSR1 partition filled at 081-0641z resulting in the loss of the subsequent SECCHI Stepped Calibration event. These anomalies resulted in the loss of an hour of in-situ SSR data and approximately seven hours of SECCHI SSR1 data. See DR# G111243 and G111245 for more information.
- On day 082, during the DSS 26 support, initial telemetry lock at BOT was delayed 15 minutes due to telemetry processor anomaly. The telemetry processor was rebooted and telemetry lock was established at 1311z. This anomaly resulted in the loss of several minutes of SECCHI instrument SSR data. See DR# G111252 for more information.
- On day 084, during the DSS 55 support, turbo decoder lock was lost intermittently beginning at 0720z through 0803z. This resulted in the loss of five frames of instrument SSR data. See DR# N107244 for more information.

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

- On day 080, the playback of SECCHI SSR2, special event partition #20, was enabled at 1333z. To optimize downlink bandwidth, after playing back the recorded data, the playback was disabled at 083-1418z.
- On day 086, the playback of SECCHI SSR2, special event partition #20, was enabled at 1328z.
- On day 081, SECCHI SSR1 synoptic science SSR partition filled at 0641z due to moving SSR pointers on day 080. This resulted in the loss of 7.25 hours of science data including the SECCHI Stepped Calibration roll data.

- The average daily SSR playback volume for Ahead was 5.5 Gbits during this week.

STEREO Behind (STB) Status:

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

- On day 080, during the DSS 55 support, telemetry lock was lost at 1818z due to a DCD failover. The downlink receiver was switched and telemetry lock was re-established at 1825z. This anomaly resulted in the loss of several minutes of instrument SSR data. See DR# M106257 for more information.
- On day 081, during the DSS 25 support, ranging lock was late due to a receiver problem. Telemetry lock was briefly lost at 0246z upon switching downlink receivers which established ranging lock at 0334z. This anomaly resulted in the loss of several minutes of instrument SSR data. See DR# G111250 for more information.
- On day 082, during the DSS 43 support, a DCD failed over to the redundant side at 0653z. All instrument SSR data was recovered. See DR# N107233 for more information.
- On day 083, during the DSS 15 support, telemetry lock was lost beginning at 0308z and intermittently through 0323z due to heavy rain. Telemetry lock was re-established at 0323z. This anomaly resulted in the loss of less than an hour of instrument SSR data. See DR# G111255 for more information.

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

- On day 086, the playback of SECCHI SSR2, special event partition #20, was enabled at 1915z.
- The average daily SSR playback volume for Behind was 5.5 Gbits during this week.