

STEREO MOC Status Report
Time Period: 2011:136 - 2011:142

STEREO Ahead (STA) Status:

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

- On day 136, during the DSS 25 support, the uplink was delayed 31 minutes due to a failed pre-track calibration of the transmitter. The uplink was established at 1223z. The SSR pointers were repositioned to minimize data loss. All SSR data was recovered. See DR# G111488 for more information.
- On day 137, during the DSS 26 support, turbo decoder lock was lost briefly beginning at 1508z. This resulted in the loss of six frames of instrument SSR data.
- On day 138, during the DSS 63 support, the uplink was delayed 17 minutes due to a failed pre-track calibration of the transmitter. The uplink was established at 0436z. This anomaly resulted in the loss of several minutes of SECCHI instrument SSR data. See DR# M106325 for more information.
- On day 139, during the DSS 43 support, telemetry lock was lost at 2241z due to the antenna brakes being set. Telemetry lock was not re-established as the support ended four minutes later. All SSR data was recovered. See DR# C108064 for more information.

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

- On day 137, the MOps permanent macro release 1.1.9 was loaded to C&DH EEPROM which supports changes for the SECCHI SSR2 partition playback.
- The average daily SSR playback volume for Ahead was 6.0 Gbits during this week.

STEREO Behind (STB) Status:

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

- On day 138, during the DSS 55 support, turbo decoder lock was lost beginning at 2124z. This resulted in the loss of several minutes of instrument SSR data. See DR# N107353 for more information.
- On day 138, CCSDS SLE telemetry testing using DSS 63 as a shadow track was conducted successfully in parallel with the DSS 55 committed track.
- On day 142, during the DSS 43 support, telemetry lock was intermittently lost beginning at 0713z through 0835z due to heavy rain at Canberra. The SSR pointers were repositioned and all SSR data was recovered. See DR# C108065 for more information.
- On day 142, during the DSS 15 support, initial telemetry lock at BOT was delayed two minutes due to the downlink control processor anomaly. After the downlink control processor was power cycled, telemetry lock occurred at 2257z. All SSR data was recovered. See DR# G111554 for more information.

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

- On day 136, a warm reboot of the SECCHI BEHIND instrument was conducted at 1712z to further investigate the interference pattern anomaly on the COR1, COR2, and EUVI images. This anomaly was actually corrected by a CEB restart on day 132 but was masked by the processing of the background images.
- On day 138, the MOps permanent macro release 1.1.9 was loaded to C&DH EEPROM which supports changes for the SECCHI SSR2 partition playback.
- The average daily SSR playback volume for Behind was 5.5 Gbits during this week.