

STEREO MOC Status Report
Time Period: 2011:311 - 2011:317

STEREO Ahead (STA) Status:

1. The following Ground System anomalies occurred during this reporting period:
 - On day 315, during the DSS 63 support, turbo decoder lock was lost briefly beginning at 0807z. This anomaly resulted in the loss of three frames of SSR data. See DR# N107734 for more information.
 - On day 317, for the DSS 14 support, telemetry lock was lost beginning at 1659z due to the antenna brakes being set. The antenna controller was reset and telemetry lock was re-established at 1727z. This anomaly resulted in the loss of three to five hours of SSR data for each instrument. See DR# G112113 for more information.
2. The following spacecraft/instrument events occurred during this week:
 - On day 311, a battery conditioning event was successfully conducted on the AHEAD S/C to redistribute the electrolytes within the nickel hydrogen battery cells.
 - The average daily SSR playback volume for Ahead was 4.8 Gbits during this week.

STEREO Behind (STB) Status:

1. The following Ground System anomalies occurred during this reporting period:
 - On day 314, during the DSS 63 support, turbo decoder lock was lost briefly beginning at 1605z and again at 1633z. This anomaly resulted in the loss of 137 frames of SSR data. See DR# N107737 for more information.
2. The following spacecraft/instrument events occurred during this week:

- On day 312, MOps permanent macro release 1.1.13 was loaded to C&DH RAM. This release added an autonomy rule to protect the main bus voltage during the annual battery conditioning event.
- On day 312, the 19th SECCHI stepped calibration, for aphelion, was executed.
- On day 313, STEREO BEHIND was at aphelion in its heliocentric orbit.
- The average daily SSR playback volume for Behind was 4.3 Gbits during this week.