

STEREO MOC Status Report
Time Period: 2009:243 - 2009:249

STEREO Ahead (STA) Status:

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

- On day 245, the DSS 34 support was cancelled due to a S/C emergency on the LCROSS mission. The SSR had not emptied since day 234 but finally did on day 247. This resulted in the loss of minutes to hours of SSR data each day through day 247 for each instrument.
- On day 246, the DSS 45 support, telemetry lock was lost twice at 2113z and at 0133z for a total of 18 minutes. This resulted in the loss of an hour of SSR data for each instrument. See DR# C107071 for more information.

2. Ahead spacecraft performance continues to be very good with all subsystems performing nominally. The following spacecraft/instrument events occurred during this week:

- On day 245, autonomy rule version 2.3.11 was loaded to C&DH RAM & EEPROM. This version removed the response to the G&C software bug, for the loss of GT rate usage, for which the recently loaded G&C FSW 3.2.6 corrected.
- The average daily SSR playback volume for Ahead was 5.0 Gbits during this week.

STEREO Behind (STB) Status:

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

- On day 245, the DSS 55 support shortened by 3.3 hours to a duration of 2.7 hours and the day 246 track on DSS 43 support was shifted 2.7 hours later and changed to DSS 34 due to a S/C emergency on the MESSENGER mission. All SSR data was recovered.

2. Behind spacecraft performance continues to be very good with all subsystems performing nominally. The following spacecraft/instrument events occurred during this week:

- The average daily SSR playback volume for Behind was 6.7 Gbits during this week.