

STEREO MOC Status Report
Time Period: 2009:236 - 2009:242

STEREO Ahead (STA) Status:

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

- On day 235, the DSS 45 support was cancelled due to a S/C emergency on the LCROSS mission. The SSR has not emptied since day 234. This resulted in the loss of minutes to hours of SSR data loss each day throughout the week for each instrument.
- On day 240, the DSS 25 support was 3.3 hours earlier with a duration of 5.7 hours due to a S/C emergency on the LCROSS mission. This resulted in the loss of several minutes of SECCHI SSR data.
- On day 241, the DSS 26 support was 10 hours earlier with a duration of 5 hours due to a S/C emergency on the LCROSS mission. This resulted in the loss of an hour of PLASTIC and SECCHI SSR data.

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 238, the 24th momentum dump was successfully executed at 1400Z, which imparted a delta V of 0.0696 m/sec.
- The average daily SSR playback volume for Ahead was 4.3 Gbits during this week.

STEREO Behind (STB) Status:

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

- On day 237, during the DSS 55 support, telemetry lock was intermittent beginning at 1630Z. 290 SSR telemetry frames were lost resulting in minor data loss for SECCHI. See DR# N105529 for more information.
- On day 239, during the DSS 55 support, telemetry lock was intermittent beginning at 1605Z. 230 SSR telemetry frames were lost resulting in minor data loss for SECCHI. See DR# N105530 for more information.

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

- On day 237, SECCHI activated FSW IP version 5.14.00.
- The average daily SSR playback volume for Behind was 6.5 Gbits during this week.