

STEREO MOC Status Report
Time Period: 2009:306 - 2009:312

STEREO Ahead (STA) Status:

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

- None.

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 308, IMPACT SWEA experienced a latch-up at 17:31:21z. The instrument was recovered back to operational mode on day 309-19:01:50z. During recovery, the autonomous SWEA reset recovery capability was enabled on AHEAD and BEHIND. This was the 4th SWEA reset since launch.
- The average daily SSR playback volume for Ahead was 5.8 Gbits during this week.

STEREO Behind (STB) Status:

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

- On day 309, during the DSS 26 support, the command bind was aborted at 2354z before transmission of SWAVES stored commands. The SWAVES commands were retransmitted successfully on the next track on day 310. All SSR data was recovered.
- On day 310, during the DSS 65 support, telemetry lock was lost at 1656z for 1 minute. This resulted in the loss of two frames of SECCHI SSR data. A DR has been requested.

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 307, the 19th momentum dump was successfully executed at 1600Z, which imparted a delta V of 0.0584 m/sec.

- The average daily SSR playback volume for Behind was 6.1 Gbits during this week.