STEREO MOC Status Report
Time Period: 2009:012 – 2009:018

STEREO Ahead (STA) Status:

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

  • On day 014, during the DSS 54 track, telemetry lock was intermittent beginning at 0734Z. This resulted in the loss of some SECCHI SSR data loss.
  • On day 015, no monitor data was received in the MOC. This was isolated to a corrupted telemetry database version.
  • On day 016, the DSS 15 transmitter was declared red. This resulted in the loss of all commanding and tracking data for the duration of the track and 9 hours of SSR data loss. See DR# G109171 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 days 014 through 018, IMPACT began warming SWEA to isolate a performance issue.
  • The average daily SSR playback volume for Ahead was 5.6 Gbits during this week.

STEREO Behind (STB) Status:

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

  • On day 015, no monitor data was received in the MOC. This was isolated to a corrupted telemetry database version.
  • On day 016, the schedule DSS 34 track was deleted in support of the Delta 4 launch.
  • On day 017, during the DSS 26 track, the transmitter tripped off-line at 0043Z. This resulted in the loss of nearly all commanding and tracking data for the duration of the track and a small amount of SSR data loss. See DR# G109173 for more information.
  • On day 018, the DSS 26 transmitter was declared red. Thoughtfully, the JPL Ops Chief switched the track to DSS 14 and resulted in a nominal support.

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

- On days 014 through 018, IMPACT began warming SWEA to isolate a performance issue.
- The average daily SSR playback volume for Behind was 6.1 Gbits during this week.