

STEREO MOC Status Report
Time Period: 2009:005 - 2009:011

STEREO Ahead (STA) Status:

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

- On day 005, before BOT for the DSS 25 support, the antenna would not move to the intercept point and was declared red. Two additional tracks were added to downlink the daily science data, the first at DSS 45 with a BOT at 1630Z with duration of 1.3 hours, and the second at DSS 65 with a BOT on day 006:0335Z with duration of 3.3 hours. This resulted in the loss of seven hours of SECCHI SSR data. See DR# G109148 for more information.
- On day 007, during the DSS 26 support, after completing the HGA calibration, a ranging mis-configuration led to the loss of 57 SECCHI APID 441 SSR packets.
- On day 008, the DSS 15 transmitter was declared red. Thoughtfully, the JPL Ops Chief switched the track to DSS 26 and resulted in a nominal support.

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 007, the 9th HGA calibration was conducted.
- On day 010, the SWAVES instrument reset at 00:09:41Z.
- The average daily SSR playback volume for Ahead was 6.0 Gbits during this week.

STEREO Behind (STB) Status:

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

- On day 007, during the DSS 55 track, telemetry lock was intermittent beginning at 1909Z. This resulted in the loss of several minutes of SECCHI SSR data loss. See DR# M105194 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 007, the 9th HGA calibration was conducted.
- The average daily SSR playback volume for Behind was 6.3 Gbits during this week.