

STEREO MOC Status Report
Time Period: 2008:042 - 2008:048

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 DOY 044, star tracker use was suspended at 1400Z and re-enabled during the next track at 045:1345Z for G&C testing of gyro drift estimation with no star tracker. This was repeated again with the star tracker use suspended at 045:1645Z and re-enabled again at 046:1200Z.
- On DOY 044, updated C&DH downlink macros and parameters in EEPROM to record additional G&C diagnostic data.
- The average daily SSR playback volume for Ahead was 7.4 Gbits during this week.

STEREO Behind (STB) Status:

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

- On DOY 047, in the middle of the track, the DSS 34 lost telemetry and tracking links to JPL at 0806Z for 9 minutes. This resulted in some loss of data for SECCHI on DOY 047. See DR# C106183 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 DOY 042, star tracker use was suspended at 2112Z and re-enabled during the next track at 043:2000Z for G&C testing of gyro drift estimation with no star tracker. This was repeated again with the star tracker use suspended at 043:2307Z and re-enabled again at 044:1920Z.

- On DOY 044, updated C&DH downlink macros and parameters in EEPROM to record additional G&C diagnostic data.
- The average daily SSR playback volume for Behind was 7.8 Gbits during this week.