

STEREO MOC Status Report  
Time Period: 2009:089 - 2009:095

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 091, PLASTIC adjusted MCP voltages.
- On day 095, during the DSS 25 support, TLM lock was intermittent from 1501 to 1514Z due to an unknown reason. This resulted in the loss of ~7 minutes of SSR data from DOY 094 for all instruments. A Discrepancy Report (DR) has been requested.
- The average daily SSR playback volume for Ahead was 6.3 Gbits during this week.

STEREO Behind (STB) Status:

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

- On day 093, during the DSS 34 support, TLM lock was intermittent for 39 minutes being at 0851Z due to heavy rain. This resulted in the loss of ~27 minutes of SSR data for all instruments. See DR# C106851 for more information.
- On day 095, during the DSS 34 support, the uplink sweep was ~10 minutes late due to a station Command Modulator Generator and UPA problem. This resulted in the loss of ~1 minute of SSR data from DOY 094 for SECCHI. See DR# C106852 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 092, PLASTIC adjusted MCP voltages.
- IMU2 continues to be used as the G&C gyro sensor. While IMU1 is nominal, IMU2 is being used to characterize its performance.
- The average daily SSR playback volume for Behind was 6.5 Gbits during this week.