

STEREO MOC Status Report  
Time Period: 2009:103 - 2009:109

STEREO Ahead (STA) Status:

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

- On day 106, during the DSS 34 support, real-time telemetry was lost for 82 minutes beginning at 1907Z. The problem was isolated to a network server at JPL. See DR# C106867 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 day 106, IMPACT successfully loaded a flight software patch to remove STE-U from telemetry and adjust SWEA performance.
- The average daily SSR playback volume for Ahead was 6.2 Gbits during this week.

STEREO Behind (STB) Status:

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

- On day 105, during the DSS 24 support, the antenna was stowed for 66 minutes beginning at 0120Z due to high winds (> 55 mph). The command uplink was not re-established afterwards to minimize further SSR data loss. This anomaly resulted in the loss of some SSR data. See DR# G109378 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 105, IMU1 was powered back on and switched as the G&C gyro sensor and IMU2 was powered off.
- On day 106, conducted a sweep range test of the DSN RF acquisition settings for EA mode successfully. This test

was in preparation for a planned system reset which is required to activate the new G&C FSW version 3.2.6.

- On day 106, IMPACT successfully loaded a flight software patch to remove STE-U from telemetry and adjust SWEA performance.
- The average daily SSR playback volume for Behind was 6.3 Gbits during this week.