STEREO MOC Status Report
Time Period: 2007:106 - 2007:112

STEREO Ahead (STA) Status:

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

- On day 108, DSS-15 had a transmitter failure at 1220Z. Switched to DSS-24 and at 1420Z obtained good uplink and downlink for the remainder of the track. About 2 minutes of the playback data was lost beginning at about 1418Z.
- On day 111, at around 1930Z the STEREO MOC was evacuated due to problems with the 60 foot dish antenna which is adjacent to MD 6 where the STEREO MOC is located. On day 112, the Ahead track with DSS-24 on the Ahead spacecraft was conducted remotely from the Backup STEREO MOC in Building 13. No problems were encountered using the backup MOC and the primary STEREO MOC was again accessible for the following STEREO track with Behind on Day 112.

2. Ahead spacecraft performance continues to be very good with all subsystems performing nominally. IMU 2 continues to be used nominally on the Ahead spacecraft. The following special spacecraft/instrument events occurred during this reporting period:

- The average daily SSR playback volume for Ahead was 7.4 Gbits during this week.
- On day 109 a SECCHI GT Offpoint Calibration was performed.

STEREO Behind (STB) Status:

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

- On day 112, the SOA with DSS-54 was run from the Backup MOC in Building 13 due to the evacuation of MD-6, but operations were moved back to the normal MOC

prior to BOT. No problems were encountered using the backup MOC in Building 13.

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

- The average daily SSR playback volume for Behind was 8.9 Gbits during this week.
- On day 107 a SECCHI Stepped Roll Calibration was performed.
- On day 108, IMU 2 was powered to collect diagnostic data for initial verification of IMU 2 functionality.
- On day 109 a SECCHI GT Offpoint Calibration was performed.