

STEREO MOC Status Report  
Time Period: 2008:189 - 2008:195

STEREO Ahead (STA) Status:

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

- On day 191, DSS 25 transmitter tripped off-line at 0930Z. At 1135Z, the track was switched to use DSS 26 to provide the necessary command link for the HGA calibration. This resulted in several minutes SECCHI SSR data loss during the subsequent uplink sweep. See DR# G108694 for more information.
- On day 193, DSS 26 receiver went red at 1237Z. The DSN Ops Chief switched the track to DSS 24. This resulted in several minutes SECCHI SSR data loss. See DR# G108699 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 189, the second of two SECCHI GT/EUVI Calibrations was successfully executed at 1615Z.
- On day 191, the 8<sup>th</sup> HGA calibration was conducted.
- On day 191, an HGA 0.5 degree roll contingency was successfully conducted.
- The average daily SSR playback volume for Ahead was 7.7 Gbits during this week.

STEREO Behind (STB) Status:

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

- On day 195, a power failure occurred at DSS 25 at 0147Z. The station switched to generator power. This resulted in the loss of 40 minutes of command and tracking data and several minutes SECCHI SSR data loss during the subsequent uplink sweep. See DR# G108705 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 189, the second of two SECCHI GT/EUVI Calibrations was successfully executed at 1615Z.
- On day 191, the 8<sup>th</sup> HGA calibration was conducted.
- On day 191, an HGA 1 degree roll contingency was successfully conducted.
- The average daily SSR playback volume for Behind was 7.4 Gbits during this week.