

STEREO MOC Status Report
Time Period: 2009:278 - 2009:284

STEREO Ahead (STA) Status:

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

- On day 281, during the DSS 25 support, the transmitter tripped off-line at 1015z. The transmitter was re-calibrated and placed back on-line at 1055z. This resulted in the loss of 40 minutes of commanding service and tracking data and several minutes of SECCHI SSR data. See DR# G109747 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:

- The average daily SSR playback volume for Ahead was 5.3 Gbits during this week.

STEREO Behind (STB) Status:

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

- On day 283, during the DSS 45 support, the transmitter tripped off-line at 0915z. The transmitter was re-calibrated and placed back on-line at 0942z. This resulted in the loss of 27 minutes of commanding service and tracking data and several minutes of SSR data for all instruments. See DR# C107117 for more information.
- On day 284, during the DSS 26 support, the transmitter controller rebooted at 2130z. The transmitter was re-calibrated to a 9 kW output and placed back on-line at 0114z. This resulted in the loss of 224 minutes of commanding service and tracking data and several minutes of SSR data for all instruments. See DR# G109756 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 281, G&C went out of fine pointing (± 7 arcsec) at 281-19:10:35z for approximately 2.2 hours. It returned to fine pointing at 281-21:20:03z. This was due to a wheel speed avoidance zero crossing event which occurred at aphelion and the known mis-alignment of COR2 and GT.
- The average daily SSR playback volume for Behind was 6.8 Gbits during this week.