

STEREO MOC Status Report
Time Period: 2010:053 - 2010:059

STEREO Ahead (STA) Status:

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

- On day 056, during the DSS 55 support, telemetry lock was lost intermittently from 0819z through 0820z. This resulted in the loss of several minutes of SSR data for all instruments. See DR# N105992 for more information.
- On day 057, during the DSS 26 support, turbo decoder lock was lost at 1557z. This resulted in the loss of three frames of SECCHI SSR data.

2. The following spacecraft/instrument events occurred during this week:

- On day 054, the 12th SECCHI stepped calibration, at the aphelion/perihelion midpoint, was executed successfully.
- The average daily SSR playback volume for Ahead was 5.9 Gbits during this week.

STEREO Behind (STB) Status:

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

- On day 054, during the DSS 45 support, the transmitter tripped off-line due to over current at 0638z. The transmitter was recalibrated to a lower, 16 KW, uplink and the uplink was re-established at 0717z. This resulted in the loss of 35 minutes of commanding and tracking data and several minutes of SSR data for all instruments. See DR# C107259 for more information.
- On day 054, during the DSS 25 support, the command uplink was late due to a transmitter anomaly at 2035z. The transmitter was reset and the uplink was established at 2149z. This resulted in the loss of 74 minutes of commanding and tracking data and several minutes of SSR data for all instruments. See DR# G110065 for more information.
- On day 055, during the DSS 26 support, the command uplink was late due to a transmitter anomaly at 2030z. The transmitter was recalibrated to a lower, 17 KW, uplink and the uplink was

established at 2246z. This resulted in the loss of 76 minutes of commanding and tracking data and several minutes of SSR data for all instruments. See DR# G110067 for more information.

2. The following spacecraft/instrument events occurred during this week:

- The average daily SSR playback volume for Behind was 5.1 Gbits during this week.