

STEREO MOC Status Report
Time Period: 2012:121 - 2012:127

STEREO Ahead (STA) Status:

1. The following Ground System anomalies occurred during this reporting period:
 - On day 122, for the DSS-15 support, initial acquisition of signal was delayed 85 minutes as the antenna brakes could not be released. The brakes were adjusted and reset and telemetry lock was re-established at 1505z. SSR pointers were repositioned and all SSR data was recovered. This anomaly resulted in the loss of 85 minutes of commanding and tracking data. See DR# G112651 for more information.
 - On day 123, during the DSS-55 support, the receipt of real-time telemetry in the MOC was delayed 47 minutes due to switching the RIONet configuration at the DSN before BOT. The MOC re-bound to the telemetry server at 0607z and real-time telemetry was received. Later in the support, turbo decoder lost lock intermittently beginning at 0618z through 0822z. These anomalies resulted in the loss of 47 minutes of real-time telemetry and 20 frames of SSR data. See DR# N108071 for more information.
 - On day 123, during the DSS-34 support, turbo decoder lock was lost briefly at 2105z and again at 2201z. This anomaly resulted in the loss of six frames of SSR data. See DR# N108072 for more information.
 - On day 125, during the DSS-25 support, no ranging pre-calibration could be performed due to an anomaly with the block V receiver. This anomaly resulted in 283 minutes of degraded ranging data. See DR# G112666 for more information.
 - On day 126, for the DSS-24 support, the transmitter was declared red at BOT at 1225z. DSS-26 was brought on-line in a 3-way configuration to provide an uplink at 1239z. SSR pointers were re-positioned. Queued instrument commands were sent as planned. The DSS-26 supported ended at 1600z, which was before the DSS-24 EOT at 1715z. This anomaly resulted in the loss of 82 minutes of commanding and two-way tracking data and several minutes of SSR data for each instrument. See DR# G112670 for more information.

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

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

STEREO Behind (STB) Status:

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

- On day 123, the MOC successfully supported a project interface test with DTF-21 to test version 3 of the DCD software.
- On day 125, during the DSS-54 support, turbo decoder lock was lost briefly at 1755z. This anomaly resulted in the loss of five frames of SSR data. See DR# N108075 for more information.
- On day 127, during the DSS-65 support, turbo decoder lock was lost briefly beginning at 1249z and again at 1504z. This anomaly resulted in the loss of 69 frames of SSR data. See DR# N108076 for more information.

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

- The average daily SSR playback volume for Behind was 5.0 Gbits during this week.