

STEREO MOC Status Report  
Time Period: 2012:254 - 2012:260

STEREO Ahead (STA) Status:

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

- On day 254, during the DSS-63 support, turbo decoder lock was lost briefly at 0619z. This anomaly resulted in the loss of five frames of SSR data. See DR# N108396 for more information.
- On day 256, during the DSS-14 support, turbo decoder lock was lost briefly at 1231z due to an antenna elevation track error. SSR pointers were repositioned to minimize data loss. All SSR data was recovered. See DR# G113212 for more information.
- On day 257, during the DSS-55 support, turbo decoder lock was lost briefly at 0643z. This anomaly resulted in the loss of three frames of SSR data. See DR# N108409 for more information.
- On day 258, during the DSS-25 support, the entire track was missed due to a power failure at the Goldstone complex (caused by voltage sag from the external power service provider). Due to the amount of lost track time, only the PLASTIC instrument SSR pointers were repositioned on the next track to minimize data loss. These anomalies resulted in the loss of eleven hours of day 257 SSR data for IMPACT, SECCHI, and SWAVES. See DR# G113219 for more information.
- On day 259, the SWAVES science partition reached 100% full at 0156z for 3.8 hours.
- On day 259, during the DSS-14 support, turbo decoder lock was lost briefly at 1523z. This anomaly resulted in the loss of seven frames of real-time VC7 data. See DR# N108416 for more information.
- On day 260, during the DSS-63 support, turbo decoder lock was lost intermittently beginning at 0737z through 0819z. This anomaly resulted in the loss of six frames of SSR data. See DR# N108414 for more information.

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

- The average daily SSR playback volume for Ahead was 4.5 Gbits during this week.

STEREO Behind (STB) Status:

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

- On day 255 during the DSS-32 (New Norcia) support, turbo decoder lock was lost intermittently beginning at 1128z through 1131z. MOPS performed an SLE telemetry offline transfer of DSS-32 equipment chain two data and recovered 40 frames of lost SSR data. This anomaly resulted in the loss of seven frames of SSR data. This anomaly is being investigated with ESA.
- On day 256, during the DSS-63 support, turbo decoder lock was lost intermittently beginning at 1535z through 1758z. Also during the support, JPL COMM switched to the MDSCC Back-Up NTR circuit at 1717z, which caused monitor data to stop flowing until JPL switched back to the MDSCC Prime NTR circuit at 1731z. The turbo decoder anomaly resulted in the loss of 213 frames of SSR data. See DRs# N108408 and N108403 for more information.
- On day 257, during the DSS-63 support, turbo decoder lock was lost intermittently beginning at 1531z through 1705z. Also during the support, JPL COMM switched to the MDSCC Back-Up NTR circuit at 1711z, which caused monitor data to stop flowing until JPL switched back to the MDSCC Prime NTR circuit at 1719z. The turbo decoder anomaly resulted in the loss of 17 frames of SSR data. See DRs# N108410 and N108407 for more information.
- On day 258, during the DSS-63 support, turbo decoder lock was lost briefly at 1318z. SSR pointers were repositioned to minimize data loss. All SSR data was recovered. See DR# N108411 for more information.

- On day 259, during the DSS-63 support, turbo decoder lock was lost intermittently beginning at 1023z through 1320z. This anomaly resulted in the loss of 25 frames of SSR data. See DR# N108412 for more information.
- On day 260, during the DSS-63 support, turbo decoder lock was lost briefly at 1204z. This anomaly resulted in the loss of one frame of SSR data. See DR# N108413 for more information.

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

- The average daily SSR playback volume for Behind was 4.9 Gbits during this week.