

STEREO MOC Status Report
Time Period: 2013:098 - 2013:104

STEREO Ahead (STA) Status:

1. The following Ground System anomalies/events occurred during this reporting period:
 - On day 100, during the DSS-65 support, turbo decoder lock was lost briefly at 1336z. This anomaly resulted in the loss of one frame of SSR data. See DR #N108745 for more information.
 - On day 101, during the DSS 55 support, turbo decoder lock was lost briefly at 1048z. This anomaly resulted in the loss of eight frames of SSR data. See DR #N108747 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/events occurred during this reporting period:
 - On day 099, during the DSS-65 support, turbo decoder lock was lost intermittently beginning at 1731z through 1744z. This anomaly resulted in the loss of 327 frames of SSR data. See DR #N108739 for more information.
 - On day 101, during the DSS 55 support, turbo decoder lock was lost briefly at 1543z. This anomaly resulted in the loss of one frame of SSR data. See DR #N108748 for more information.
 - On day 102, during the DSS-25 support, telemetry was received seven minutes late at 0122z due to Goldstone supporting the DIF spacecraft emergency. This anomaly resulted in the loss of seven minutes of SSR data. See DR #G113842 for more information.

- On day 102, during the DSS 14 support, turbo decoder lock was lost intermittently beginning at 2331z through 2340z. This anomaly resulted in the loss of 7411 frames of SSR data. See DR #N108757 for more information.

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

- On day 103, the Behind spacecraft autonomy rule #11 (Enforce Reaction Wheel #1 power ON) fired at 19:40:44z. A review of telemetry indicates that Reaction Wheel #1 power was offline for nine seconds when the fault protection system detected the problem and restored power. This resulted in a brief pointing error of several arcseconds which affected the SECCHI EUVI and COR1 instrument data. There was no other interruption to science data and all SSR data was received in the MOC. The root cause of the anomaly is still unknown and the engineer team is actively investigating.
- The average daily SSR playback volume for Behind was 4.4 Gbits during this week.