

STEREO MOC Status Report
Time Period: 2012:226 - 2012:232

STEREO Ahead (STA) Status:

1. The following Ground System anomalies occurred during this reporting period:
 - On day 230, the SWAVES science partition reached 100% full at 1949z for 1.1 hours.
2. The following spacecraft/instrument events occurred during this week:
 - The average daily SSR playback volume for Ahead was 5.5 Gbits during this week.

STEREO Behind (STB) Status:

1. The following Ground System anomalies occurred during this reporting period:
 - On day 227, during the DSS-34 support, DCD1 failed and automatically switched over to DCD2 between 0401z and 0403z without data loss. Later, turbo decoder lock was lost intermittently beginning at 0650z through 0855z. This anomaly resulted in the loss of eight frames of SSR data. See DR #C108935 and N108306 for more information.
 - On day 230, during the DSS-45 support, turbo decoder lock was lost intermittently beginning at 0712z through 0814z due to heavy rain. This anomaly resulted in the loss of several minutes of SSR data for each instrument. See DR #C108940 for more information.
 - On day 231, during the DSS-34 support, turbo decoder lock was lost intermittently between 0551z and 0743z. The anomaly resulted in the loss of six frames of SSR data. See DR# N108309 for more information.
 - On day 232, the IMPACT science partition reached 95% full at 1253z for 2.7 hours.
 - On day 232, during the DSS-14 support, the carrier loop went out-of-lock between 232429z and 232452z causing the

turbo decoder to lose lock. The downlink signal level during this time was satisfactory. The anomaly resulted in the loss of 1198 frames of SSR data. See DR# G113135 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.