

STEREO MOC Status Report
Time Period: 2010:284 - 2010:290

STEREO Ahead (STA) Status:

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

- On day 284, the SECCHI SSR1 synoptic partition reached 100% full at 0255z for a duration of 94 minutes and again on day 285 at 0206z for a duration of 145 minutes due to repercussions from the loss of the DSS 25 supports from the previous week.
- On day 284, during the DSS 65 support, turbo decoder lock was lost briefly at 0510z due to a station procedural error. This resulted in the loss of three frames of instrument SSR data. See DR# M106002 for more information.
- On day 285, the planned RIONet reconfiguration, at APL only, occurred in between STEREO tracks. It was completed successfully at 2240z. There was no impact to STEREO MOC operations.
- On day 289, during the DSS 55 support, turbo decoder lock was lost briefly at 0637z. This resulted in the loss of one frame of SECCHI instrument SSR data. A DR has been requested.

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

- On day 284, during the DSS 15 support, the 60 hour soft command loss timer autonomy rule was disabled to prevent firing during the planned RIONet outage at APL.
- On day 287, a software patch was loaded SECCHI RAM to correct the sporadic watchdog timer instrument resets.
- On day 288, the 33rd momentum dump was successfully executed at 1400Z, which imparted a delta V of 0.0817 m/sec.
- The average daily SSR playback volume for Ahead was 4.8 Gbits during this week.

STEREO Behind (STB) Status:

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

- On day 285, the planned RIONet reconfiguration, at APL only, occurred in between STEREO tracks. It was completed successfully at 2240z. There was no impact to STEREO MOC operations.
- On day 286, during the DSS 45 support, telemetry lock was lost intermittently at 0940z through 0944z due to very heavy rain at Canberra. This resulted in the loss of several minutes of instrument SSR data. See DR# C107659 for more information.
- On day 288, during the DSS 34 support, turbo decoder lock was lost briefly at 0918z due to a receiver anomaly. This resulted in the loss of several minutes of instrument SSR data. A DR has been requested.

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

- The average daily SSR playback volume for Behind was 4.4 Gbits during this week.