

STEREO MOC Status Report  
Time Period: 2011:269 - 2011:275

STEREO Ahead (STA) Status:

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

- On day 270, in-situ instruments SSR partitions began overwriting due to insufficient track coverage. Specifically, IMPACT overwrote for 54 minutes beginning at 270-1324z, PLASTIC overwrote for 8.1 hours beginning at 270-0612z, and SWAVES overwrote for 20 minutes beginning at 270-1358z. The primary cause of the insufficient track time was sharing the same view with many other higher priority missions.
- On day 270, during the DSS 14 support, telemetry lock was lost at 1346z due to the antenna brakes being set. The antenna was reset and telemetry lock was re-established at 1348z. This anomaly resulted in the loss of several minutes of SSR data for the SECCHI instrument. See DR# G111996 for more information.
- On day 273, during the DSS 15 support, turbo decoder lock was lost intermittently beginning at 1154z through 1428z. This anomaly resulted in the loss of several minutes of SSR data for all instruments. See DR# N107641 for more information.
- On day 274, during the DSS 26 support, real-time telemetry not received in the MOC at BOT at 1150z due to RIONet issue. After rebinding to the station real-time telemetry was received at 1455z. This anomaly resulted in the loss of 3.1 hours of real-time telemetry, however, all SSR data was recovered.

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

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

STEREO Behind (STB) Status:

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

- On day 270, during the DSS 14 support, turbo decoder lock was lost briefly beginning at 1924z. This anomaly resulted in the loss of three frames of SSR data for all instruments. See DR# N107634 for more information.
- On day 272, during the DSS 15 support, telemetry lock was lost at 2202z due to a loss of connectivity to the station at the Goldstone complex. The network connection was rerouted and telemetry lock was re-established at 2210z. SSR pointers were repositioned to prevent data loss. This anomaly resulted in the loss of eight minutes of real-time telemetry. All SSR data was recovered. See DR# G112002 for more information.
- On day 274, during the DSS 63 support, real-time telemetry not received in the MOC at BOT at 1400z due to RIONet issue. After rebinding to the station real-time telemetry was received at 1521z. Later in the support, turbo decoder lock was lost briefly beginning at 1652z. This anomaly resulted in the loss of 1.3 hours of real-time telemetry, however, one frame of SSR data. See DR# N107643 for more information.

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

- The average daily SSR playback volume for Behind was 4.6 Gbits during this week.