

STEREO MOC Status Report
Time Period: 2010:263 - 2010:269

STEREO Ahead (STA) Status:

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

- On day 263, during the DSS 26 support, DSN monitor was not received for the duration of the track. The anomaly was subsequently resolved to network equipment at GSFC. All SSR data was recovered. See DR# N106547 for more information.
- On day 265, during the DSS 65 return to service support, turbo decoder lock was lost briefly beginning at 0315z due to an equipment anomaly at the station. While DSS 65 lost five frames of data, DSS 55 was providing simultaneous operational support, therefore, all SSR data was recovered. See DR# M105958 for more information.
- On day 265, before the start of the DSS 15 support, the transmitter was declared red due to a coolant flow anomaly. The support was moved to DSS 25 for its entirety. All SSR data was recovered. See DR# G110543 for more information.
- On day 266, during the DSS 14 support, turbo decoder lock was lost intermittently beginning at 0420z, 0455z and 0520z due to an equipment anomaly at the station. This resulted in the loss of 14 frames of SECCHI SSR data. See DR# N106558 for more information.
- On day 268, before BOT for the DSS 25 support, the antenna could not be moved. The antenna control was reset and telemetry was received at 1217z. This resulted in the loss of 32 minutes of real-time telemetry and track data and several minutes of instrument SSR data. See DR# G110562 for more information.

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

- The average daily SSR playback volume for Ahead was 6.5 Gbits during this week.

STEREO Behind (STB) Status:

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

- On day 266, during DSS 24 support, real-time telemetry, commanding, and monitor data were lost at the MOC at 0030z due to a lightning strike that precipitated a power outage at GSFC that affected the RIONet connection. RIONet connectivity was restored after the track ended. This resulted in the loss of 110 minutes of real-time telemetry and command data. All SSR data was received.
- On day 267, during the DSS 25 support, the antenna stopped tracking at 2330z. The antenna control was reset and telemetry was received at 2353z. This resulted in the loss of 23 minutes of real-time telemetry and track data and several minutes of instrument SSR data. See DR# G110560 for more information.

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

- The average daily SSR playback volume for Behind was 5.2 Gbits during this week.