

STEREO MOC Status Report
Time Period: 2010:361 - 2011:002

STEREO Ahead (STA) Status:

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

- On day 361, during the DSS 54 support, turbo decoder lock was lost briefly at 0758z. This resulted in the loss of several minutes of instrument SSR data. A DR has been requested.
- On day 364, during the DSS 54 support, real-time telemetry data and monitor data were lost from the Madrid complex at 0535z through 0657z due to a DCD failover. Another brief DCD anomaly occurred at 0815z. Currently, several hours of instrument SSR data are missing for which the DSN is attempting to recover. See DR# M106105 and M106107 for more information.
- On day 365, during the DSS 15 support, the uplink was swept twice as the Doppler residual was higher than normal. The uplink was established at 1314z. As the science playback was already in progress, this resulted in loss of several minutes of instrument SSR data. See DR# G110923 for more information.
- On day 002, during the DSS 45 support, turbo decoder lock was lost briefly at 1731z. 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:

- On day 002, the SECCHI instrument reset at 05:54:56z. The SECCHI team reconfigured the instrument to operational mode at 002-1400z. This was the 20th reset of SECCHI on the Ahead spacecraft.
- 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 occurred during this reporting period:

- On day 364, during the DSS 25 support, telemetry lock was lost at 0315z for five minutes due to high winds at Goldstone. This resulted in the loss of several minutes of instrument SSR data. See DR# G110917 for more information.
- On day 365, during the DSS 26 support, real-time telemetry was lost from the Goldstone complex at 0258z due to a DCD failover. This resulted in the loss of an hour of instrument SSR data. See DR# G110922 for more information.
- On day 365, during the DSS 43 support, the command bind was established 46 minutes late at 0655z due to an equipment anomaly at the station. All planned commands were transmitted successfully. See DR# C107839 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.