

STEREO MOC Status Report  
Time Period: 2011:220 - 2011:226

STEREO Ahead (STA) Status:

1. The following Ground System anomalies occurred during this reporting period:
  - On day 220, during the DSS 26 support, turbo decoder lock was lost briefly beginning at 1437z. This resulted in the loss of seven frames of SSR data. See DR# N107527 for more information.
  - On day 222, the MOC was notified that the DSS 14 antenna would be down on days 223, 225, and 226 to correct a failed master equatorial servo interface. The Ahead observatory was scheduled to use DSS 14 on days 223 and 226. A 1.4 hour replacement track with DSS 43 was used on day 223 and a 4.25 hour DSS 54 replacement track was used on day 226. As a result of insufficient track time, the IMPACT science partition began overwriting for 4.2 hours on day 223, from 0816z through 1229z.
  - On day 223, during the DSS 15 support, telemetry lock was briefly lost at 1551z when the antenna stopped tracking due to a power glitch at the Goldstone complex. The antenna was reset and telemetry lock was re-acquired at 1552z. Later in the support, the turbo decoder lost lock briefly at 1617z. These anomalies resulted in the loss of several minutes of instrument SSR data. See DR# G111875 for more information.
2. The following spacecraft/instrument events occurred during this week:
  - The average daily SSR playback volume for Ahead was 4.3 Gbits during this week.

STEREO Behind (STB) Status:

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

- On day 222, during the DSS 24 support, turbo decoder lock was lost briefly beginning at 0139z. This resulted in the loss of one frame of SSR data. See DR# N107531 for more information.
- On day 222, during the DSS 54 support, a DCD anomaly occurred which failed to transmit an IDR file to the MOC. The file was retransmitted successfully on day 227 and an additional version of the level zero data product for day 222 was created.
- On day 223, during the DSS 26 support, a DCD anomaly occurred which failed to transmit an IDR file to the MOC. The file was retransmitted successfully on day 227 and an additional version of the level zero data product for day 223 was created.
- On day 224, during the DSS 25 support, turbo decoder lock was lost briefly beginning at 2351z. This resulted in the loss of one frame of SSR data.

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

- On days 213 through 224, a SECCHI HI 135 degree roll events to observe Comet Elenin was executed successfully once each day on the BEHIND observatory.
- The average daily SSR playback volume for Behind was 4.1 Gbits during this week.