

STEREO MOC Status Report
Time Period: 2013:287 - 2013:293

STEREO Ahead (STA) Status:

1. The following Ground System anomalies/events occurred during this reporting period:
 - On day 288, during the DSS-55 support, turbo decoder lock was lost briefly at 0843z and again at 1041z. This anomaly resulted in the loss of two frames of SSR data.
 - On day 289, during the DSS-65 support, turbo decoder lock was lost intermittently beginning at 1040z through 1430z. This anomaly resulted in the loss of 1008 frames of SSR data. See DR #M107554 for more information.
 - On day 293, during the DSS-55 support, turbo decoder lock was lost briefly at 1055z. This anomaly resulted in the loss of three frames of SSR data.

2. The following spacecraft/instrument events occurred during this week:
 - On day 289, the 61st momentum dump was executed successfully at 1400Z, which imparted a delta V of 0.090 m/sec.
 - The average daily SSR playback volume for Ahead was 3.6 Gbits during this week.

STEREO Behind (STB) Status:

1. The following Ground System anomalies/events occurred during this reporting period:
 - On day 288, during the DSS-55 support, telemetry was delayed by six minutes until 1241z due to receiver problems. The SSR pointers for were repositioned prior to the outage and all data was recovered. See DR #M107553 for more information.
 - On day 289, during the DSS-25 support, turbo decoder lock was lost intermittently beginning at 290-0014z through 290-0026z. This anomaly resulted in the loss of seven frames of SSR data.

- On day 290, during the DSS-55 support, turbo decoder lock was lost briefly at 1435z. This anomaly resulted in the loss of one frame of SSR data.
- On day 291, during the DSS-26 support, turbo decoder lock was lost briefly at 2026z due to a late uplink acquisition caused by a software problem. This anomaly resulted in the loss of 162 frames of SSR data. See DR #G114342 for more information.
- On day 293, during the DSS-63 support, no commanding or ranging was conducted due to a transmitter problem that occurred prior to the track. See DR #M107564 for more information.

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

- On day 289, the 56th momentum dump was executed successfully at 1500Z, which imparted a delta V of 0.073 m/sec.
- The average daily SSR playback volume for Behind was 4.5 Gbits during this week.