

STEREO MOC Status Report  
Time Period: 2012:030 - 2012:036

STEREO Ahead (STA) Status:

1. The following Ground System anomalies occurred during this reporting period:
  - On day 030, during the DSS-63 support, turbo decoder lock was lost briefly beginning at 0923z. This anomaly resulted in the loss of five frames of SSR data. See DR# N107919 for more information.
  - On day 036, during the DSS-55 support, turbo decoder lock was lost briefly beginning at 0953z. This anomaly resulted in the loss of four frames of SSR data. A DR has been requested.
2. The following spacecraft/instrument events occurred during this week:
  - On day 032, the 44<sup>th</sup> momentum dump was successfully executed at 1700Z, which imparted a delta V of 0.0947 m/sec.
  - 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 030, for the DSS 43 support, the transmitter was declared red prior to the start of the track at 2350z. This anomaly resulted in the loss of all commanding and two-way tracking data for the duration of the support. All SSR data was received. See DR# C108497 for more information.
  - On day 032, during the DSS-15 support, real-time telemetry was lost at 2145z due to a DCD anomaly. The redundant DCD was placed on-line and real-time telemetry was received again at 2214z. This anomaly resulted in the loss of two hours of SSR data for each instrument. See DR# G112321 for more information.

- On day 033, during the DSS-63 support, turbo decoder lock was lost briefly at 1620z. This anomaly resulted in the loss of 180 frames of SSR data. See DR# N107925 for more information.
- On day 036, during the DSS-25 support, turbo decoder lock was lost briefly at 0152z. This anomaly resulted in the loss of one frame of SSR data. A DR has been requested.

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

- On day 032, the 38<sup>th</sup> momentum dump was successfully executed at 2300Z, which imparted a delta V of 0.0811 m/sec.
- The average daily SSR playback volume for Behind was 5.2 Gbits during this week.