

STEREO MOC Status Report
Time Period: 2012:142 - 2012:148

STEREO Ahead (STA) Status:

1. The following Ground System anomalies occurred during this reporting period:
 - On day 145, before the start of the DSS-24 support, the downlink receiver was declared red. The support was switched to use DSS-25 for the planned duration. At 1218z, turbo decoder lock was lost briefly. These anomalies resulted in the loss of one frame of SSR data. See DR# G112749 and N108115 for more information.
 - On day 146, during the DSS-63 support, command uplink was delayed six minutes at 0437z due to a late indication at the station. At 0605z, turbo decoder lock was lost briefly. These anomalies resulted in the loss of one frame of SSR data. See DR# N108121 and N108116 for more information.
 - On day 147, during the DSS-63 support, command uplink was delayed six minutes at 0437z due to a late indication at the station. At 0611z, turbo decoder lock was lost briefly. These anomalies resulted in the loss of one frame of SSR data. See DR# N108122 and N108123 for more information.
 - On day 148, during the DSS-34 support, turbo decoder lock was lost briefly at 2059z. This anomaly resulted in the loss of one frame of SSR data. See DR# N108124 for more information.
2. The following spacecraft/instrument events occurred during this week:
 - The average daily SSR playback volume for Ahead was 5.6 Gbits during this week.

STEREO Behind (STB) Status:

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

- On day 142, during the DSS-63 support, turbo decoder lock was lost briefly at 1732z. This anomaly resulted in the loss of one frame of SSR data. See DR# N108111 for more information.
- On day 146, a return to service track with DSS-65 was conducted with nominal uplink and downlink support. The SSR was not played back as the data from this support was not committed.
- On day 148, during the DSS-55 support, turbo decoder lock was lost briefly at 0951z and again at 1029z. This anomaly resulted in the loss of two frames of SSR data. A DR has been requested.
- On day 148, during the DSS-25 support, turbo decoder lock was lost briefly at 1800z and again at 2249z. This anomaly resulted in the loss of two frames of SSR data. A DR has been requested.

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

- On day 143, the Behind spacecraft reached perihelion in its orbit.
- The average daily SSR playback volume for Behind was 5.5 Gbits during this week.