STEREO MOC Status Report
Time Period: 2012:114 - 2012:120

STEREO Ahead (STA) Status:

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

   - On day 114, during the DSS 55 support, turbo decoder lock was lost briefly at 0710z. This anomaly resulted in the loss of three frames of SSR data. See DR #N108043 for more information.

   - On day 116, during the DSS 63 support, turbo decoder lock was lost intermittently between 0519-0524z and again at 0606z. This anomaly resulted in the loss of 62 frames of SSR data. See DR #N108051 for more information.

   - On day 116, during the DSS 45 support, turbo decoder lock was lost briefly at 1931z. This anomaly resulted in the loss of one frame of SSR data. See DR #N108052 for more information.

   - On day 117, during the DSS 63 support, turbo decoder lock was lost briefly at 0838z and again at 0904z. This anomaly resulted in the loss of 159 frames of SSR data. See DR #N108053 for more information.

   - On day 119, during the DSS 63 support, turbo decoder lock was lost intermittently between 1016-1439z. This anomaly resulted in the loss of 119 frames of SSR data. A DR has been requested.

   - On day 120, during the DSS 63 support, A DCD outage occurred at 0859-1005z. This anomaly resulted in the loss of 15 minutes of SECCHI data, which DSN is in the process of recovering. A DR will be requested.

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

   - The average daily SSR playback volume for Ahead was 5.0 Gbits during this week.

STEREO Behind (STB) Status:

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

- On day 114, during the DSS 63 support, turbo decoder lock was lost intermittently between 1533-1713z. This anomaly resulted in the loss of 79 frames of SSR data. See DR #N1080048 for more information.

- On day 116, during the DSS 14 support, turbo decoder lock was lost briefly at 1840z. This anomaly resulted in the loss of one frame of SSR data. MOPS repositioned SSR pointers and recovered all SSR data. See DR #N108049 for more information.

- On day 117, during the DSS 14 support, although the station was tracking nominally, No telemetry was available in the MOC due to a network outage that occurred at the beginning of track from 1730-1905z. The problem occurred during a scheduled activity window to install six new serial cards into existing JPL R-IONET Prime and Backup routers. Also during this track, the station had to stow the antenna because of the high wind gusts from 2146-2230z. MOPS stopped the SSR playback to reposition SSR pointers and recovered all SSR data. See DR # N108056 (Network Outage) and DR # G112621 (High Wind) for more information.

- On day 119, during the DSS 14 support, the station was red for the entire track because the antenna was unable to move due to oil over temperature condition in the SHA reservoir. DSN brought DSS 26 online at 1620z to support the remainder of the tracks, and DSS 26 was able to lock the downlink at 480Kbps. Also during this track, telemetry was lost in the MOC from 2030-2050z due to a network problem cause by a replacement router. This anomaly resulted in the loss of 27 minutes of SECCHI SSR data. See DR #G112634 (DSS-14 Red) and DR #N108059 (No MOC TLM) for more information.

- On day 120, during the DSS 63 support, although the station was tracking nominally, No telemetry was available in the MOC due to a DCD outage that occurred at the beginning of track from 1120-1325z. This anomaly resulted in the loss of three minutes of SSR data.. See DR #M106734 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.