

STEREO MOC Status Report
Time Period: 2014:111 - 2014:117

STEREO Ahead (STA) Status:

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

- On day 111, during the DSS-63 support, turbo decoder lock was lost intermittently between 0838z and 0839z. This was due to a late uplink sweep that resulted from maintenance completing repairs on the transmitter which had previously been declared red. This anomaly resulted in loss of 731 frames of SSR data. See DR #M107916 for more information.
- On day 114, during the DSS-55 support, turbo decoder lock was lost briefly at 1411z. This anomaly resulted in the loss of one frame of SSR data.
- On day 115, during the DSS-55 support, initial telemetry lock was established 2.4 hours late at 0938z due to the Automated Link Build at the station not being able to configure for the support. Once the issue was corrected and the downlink established, all SSR pointers were repositioned to avoid data loss. See DR #M107950 for more information. Later in the track, turbo decoder lock was lost briefly at 1109z. This anomaly resulted in the loss of six frames of SSR data.

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

- The average daily SSR playback volume for Ahead was 5.2 Gbits during this week.

STEREO Behind (STB) Status:

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

- On day 111, during the DSS-63 support, turbo decoder lock was lost intermittently between 1252z/1302z (23941 frames

dropped) and 1407z/1411z (16235 frames dropped) due to heavy rain at the station. SSR pointers were repositioned to recovery the first set of lost data, but not the second set. See DR #M107917 for more information.

- On day 113, during the DSS-54 support, turbo decoder lock was lost briefly at 1541z. This anomaly resulted in the loss of one frame of SSR data.
- On day 116, during the DSS-55 support, turbo decoder lock was lost briefly at 1239z. This anomaly resulted in the loss of four frames of SSR data.
- On day 116, during the DSS-15 support, turbo decoder lock was intermittently between 2002z and 2010z. This anomaly resulted in the loss of 725 frames of SSR data. See DR #N109542 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.