

STEREO MOC Status Report  
Time Period: 2014:139 - 2014:145

STEREO Ahead (STA) Status:

1. The following Ground System anomalies/events occurred during this reporting period:
  - On day 141, during the DSS-55 support, turbo decoder lock was lost intermittently beginning at 0741z through 1104z due to rain. This anomaly resulted in the loss of 437 frames of SSR data. See DR #M107998 more information.
  - On day 143, during the DSS-14 support, telemetry was lost from 1829z through 1831z due to the antenna brakes being applied. This anomaly resulted in the loss 8244 frames of SSR data. See DR #G115060 for more information.
  - On day 144, during the DSS-65 support, turbo decoder lock was lost intermittently beginning at 0650z through 0705z. This anomaly resulted in the loss of nine frames of SSR data.
  - On day 145, during the DSS-55 support, turbo decoder lock was lost briefly at 0622z. This anomaly resulted in the loss of six frames of SSR data.
  
2. The following spacecraft/instrument events occurred during this week:
  - On day 140, the 30th SECCHI stepped calibration for the midpoint in the orbit was executed successfully at 1445z.
  - The average daily SSR playback volume for Ahead was 5.1 Gbits during this week.

STEREO Behind (STB) Status:

1. The following Ground System anomalies/events occurred during this reporting period:
  - On day 139, during the DSS-63 support, turbo decoder lock was lost briefly at 1211z. This anomaly resulted in the loss of 21 frames of SSR data.

- On day 142, during the DSS-54 support, turbo decoder lock was lost briefly at 1152z. Also, the transmitter failed at 1355z, but had no impact on operations since all command activity was complete. The turbo decoder anomaly resulted in the loss of six frames of SSR data. See DR #M107999 for more information on transmitter failure.
- On day 144, during the DSS-55 support, turbo decoder lock was lost briefly at 0807z. This anomaly resulted in the loss of two frames of SSR data.

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

- On day 140, PLASTIC conducted real-time commanding at 1625z to adjust the MCP voltage.
- The average daily SSR playback volume for Behind was 5.5 Gbits during this week.