

STEREO MOC Status Report  
Time Period: 2020:160 - 2020:166

STEREO Ahead (STA) Status:

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

- On day 160, during the DSS-14 support, turbo decoder lock was lost briefly at 2359z. This anomaly resulted in the loss of one frame of SSR data.
- On day 164, during the DSS-63 support, the SLE telemetry binds were disconnected at 1516z due to network maintenance. The MOPs team reestablished the SLE telemetry binds at 1600z. This anomaly resulted in the loss of 44 minutes of real-time telemetry in the MOC. See DR #N111410 for more information.
- On day 166, during the DSS-63 support, turbo decoder lock was lost briefly at 1430z. This anomaly resulted in the loss of eight frames of SSR data.

2. The following spacecraft/instrument events occurred during this week. The Ahead observatory operated nominally during this week.

- As of day 166, all PLASTIC systems are behaving well, except there is a high background count rate, which the team is continuing to monitor.
- The average daily science data return for Ahead was 6.3 Gbits during this week.