

STEREO MOC Status Report  
Time Period: 2020:244 - 2020:250

STEREO Ahead (STA) Status:

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

- On day 244, during the DSS-63 support, turbo decoder lock was lost intermittently from 1911z through 1915z. This anomaly resulted in the loss of eleven frames of SSR data. On the subsequent DSS-26 support, MOPs repositioned the SSR pointers and recovered all the affected DSS-63 data.
- On day 250, during the DSS-63 support, the transmitter tripped offline at 1204z, due to a Collector over temperature interlock. This anomaly resulted in the loss of 44 minutes of real-time commanding and 2-way tracking data, and the loss of 3787 frames of SSR data. On the subsequent DSS-14 support, MOPs repositioned the SSR pointers and recovered all the affected DSS-63 data. See DR #M112588 for more information.

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

- As of day 250, 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 7.1 Gbits during this week.