

STEREO MOC Status Report

Time Period: 2022:241 (Aug 29) - 2022:247 (Sept 4)

STEREO Ahead (STA) Status:

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

- On day 244 (Sept 1), during the DSS-55 support, the beginning of track telemetry was received three minutes late at 1923z. This anomaly resulted in the loss of one minute of SSR data. The MOPs team repositioned the SSR pointers and recovered all the affected data.

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

- On day 243 (Aug 31), the IMPACT team performed real-time commanding to adjust the HET low gain thresholds. The SEP-Central Processor reset after receipt of the first command at 243-13:50:52z. The team completed the SEP recovery by DOY 245-1513z (Sept 2).
- As of day 247 (Sept 4), all PLASTIC systems are behaving well, except there is a moderate background count rate, which the team is continuing to monitor.
- The average daily science data return for Ahead was 6.6 Gbits during this week.