

STEREO MOC Status Report

Time Period: 2023:247 (Sep 4) - 2023:253 (Sep 10)

STEREO Ahead (STA) Status:

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

- On day 252 (Aug 9), during the DSS-53 support, turbo decoder lock was lost briefly at 0446z. This anomaly resulted in the loss of 53 frames of SSR data. The MOPs team repositioned the SSR pointers during the support and recovered all of the affected data. See DR #M116270 for more information.

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

- As of day 253 (Sep 10), 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 6.5 Gbits during this week.