

STEREO MOC Status Report

Time Period: 2023:338 (Dec 4) - 2023:344 (Dec 10)

STEREO Ahead (STA) Status:

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

- On day 338 (Dec 4), during the DSS-55 support, turbo decoder lock was lost briefly at 0539z. This anomaly resulted in the loss of 45 frames of SSR data. The MOPs team repositioned the SSR pointers during the support and recovered all the affected data. See DR #M116574 for more information.

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

- As of day 344 (Dec 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 6.4 Gbits during this week.