

STEREO MOC Status Report

Time Period: 2023:086 (Mar 27) - 2023:092 (Apr 2)

STEREO Ahead (STA) Status:

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

- On day 092 (Apr 2), during the DSS-34 support, turbo decoder lock was lost intermittently between 0428z and 0515z. This anomaly resulted in the loss of 18 frames of SSR data. The MOPs team repositioned the SSR pointers during the support and recovered all the affected data.

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

- As of day 092 (Apr 2), 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 6.0 Gbits during this week.