

STEREO MOC Status Report

Time Period: 2022:031 (Jan 31) - 2022:037 (Feb 6)

STEREO Ahead (STA) Status:

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

- On day 031 (Jan 31), during the DSS-25 support, turbo decoder lock was lost intermittently between 0152z and 0154z. This anomaly resulted in the loss of 2199 frames of SSR data. The MOPs team repositioned the SSR pointers during the subsequent DSS-63 track and recovered all the affected data. See DR #G122496 for more information.

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

- As of day 037 (Feb 6), 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 7.1 Gbits during this week.