

STEREO MOC Status Report

Time Period: 2023:009 (Jan 9) - 2023:015 (Jan 15)

STEREO Ahead (STA) Status:

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

- On day 013 (Jan 13), during the DSS-55 support, the track was ended two hours early at 2005z to provide track time for the LFL Spacecraft Emergency. Before ending the support, the MOPs team completed all commanding and stopped the SSR playback to prevent data loss. See DR #M115398 for more information.
- On day 015 (Jan 15), during the DSS-34 support, turbo decoder lock was lost briefly at 0514z. This anomaly resulted in the loss of six frames of SSR data. The MOPs team repositioned the SSR pointers during the track 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 015 (Jan 15), 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 6.1 Gbits during this week.