

STEREO MOC Status Report

Time Period: 2022:017 (Jan 17) - 2022:023 (Jan 23)

STEREO Ahead (STA) Status:

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

- On day 021 (Jan 21), during the DSS-74 (ESA New Norcia) support, turbo decoder lock was lost briefly at 1046z. This anomaly resulted in the loss of three frames of SSR data. The MOPs team repositioned the SSR pointers during the subsequent DSS-65 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 023 (Jan 23), 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 6.3 Gbits during this week.