

STEREO MOC Status Report

Time Period: 2021:291 (Oct 18) - 2021:297 (Oct 24)

STEREO Ahead (STA) Status:

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

- On day 292 (Oct 19), during the DSS-34 support, turbo decoder lock was lost briefly at 0909z. This anomaly resulted in the loss of five 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 297 (Oct 24), all PLASTIC systems are behaving well, except there is a high 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.