

STEREO MOC Status Report

Time Period: 2022:290 (Oct 17) - 2022:296 (Oct 23)

STEREO Ahead (STA) Status:

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

- None.

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

- On day 293 (Oct 20), the MOPs team conducted a power cycle of the SWAVES instrument between 1432z and 1502z to resolve an issue with a stuck A/D converter in one of the TDS channels. The SWAVES team reconfigured the instrument back to operational mode at 1600z. The power cycle successfully resolved the TDS channel issue.
- As of day 296 (Oct 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 6.4 Gbits during this week.