

STEREO MOC Status Report

Time Period: 2022:283 (Oct 10) - 2022:289 (Oct 16)

STEREO Ahead (STA) Status:

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

- On day 283 (Oct 13), during the DSS-53 support, the beginning of track was delayed 9 minutes until 1834z, due to the station automation system not being started correctly. This anomaly resulted in the loss of 9 minutes of real-time telemetry and SSR data. The MOPs team repositioned the SSR pointers during the support and recovered all the affected data. See DR #G123089 for more information.

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

- On day 285 (Oct 12), during the DSS-55 support, and day 287 (Oct 14), during the DSS-53 support, PLASTIC increased their MCP voltage levels.
- As of day 289 (Oct 16), 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 6.5 Gbits during this week.