

STEREO MOC Status Report

Time Period: 2023:317 (Nov 13) - 2023:323 (Nov 19)

STEREO Ahead (STA) Status:

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

- On day 317 (Nov 13), DSN conducted a Mission Network maintenance from 0715z through 1300z. After the maintenance, the MOPs team verified the SLE telemetry and command connectivity with DSN.
- On day 319 (Nov 15), during the DSS-53 support, the IDR telemetry data file transfer failed for the last two VC6 and VC7 files at 0700z. This failure likely was related to the DSN Network maintenance that started at 0715z. The MOPs team manually FTP'd the IDR telemetry files and reprocessed the level-0 data for day 319 to recover all the affected data.
- On day 319 (Nov 15), DSN conducted a Mission Network maintenance from 0715z through 1300z. After the maintenance, the MOPs team verified the SLE telemetry and command connectivity with DSN.

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

- As of day 323 (Nov 19), 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 6.6 Gbits during this week.