

STEREO MOC Status Report

Time Period: 2022:276 (Oct 3) - 2022:282 (Oct 9)

STEREO Ahead (STA) Status:

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

- On day 279 (Oct 6), during the DSS-35 support, an SLE telemetry bind issue prevented the MOC from receiving real-time telemetry. This issue occurred following planned DSN Network Maintenance (278-1900z/2300z) and was eventually resolved by the next morning. This anomaly resulted in the loss of 3 hours of real-time telemetry and command opportunity. The transfer of telemetry IDR files was unaffected, as all data was verified in the archive post-track. See DR #C116779 or more information.

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

- As of day 282 (Oct 9), 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.