

STEREO MOC Status Report

Time Period: 2022:115 (Apr 25) - 2022:121 (May 1)

STEREO Ahead (STA) Status:

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

- On day 115 (Apr 25), during the DSS-63 support, the MOC lost command, telemetry and monitor data services at 1838z due a Madrid MDS system failure. The MOC received telemetry and monitor data again at 1858z without command services. This anomaly resulted in the loss of 0.3 hours of real-time telemetry and monitor data; and 2.1 hours of command services. The outage did not affect SSR data recovery. See DR #M114515 for more information.

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

- As of day 121 (May 1), 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.