

STEREO MOC Status Report

Time Period: 2022:164 (Jun 13) - 2022:170 (Jun 19)

STEREO Ahead (STA) Status:

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

- On day 165 (Jun 14), during the DSS-14 support, the beginning of track was delayed 39 minutes until 2139z, due to a hardware problem that prevented equipment connections. This anomaly resulted in the loss 39 minutes of real-time telemetry, commanding, tracking, and SSR data. The MOPs team repositioned the SSR pointers during the support and recovered all the affected data. See DR #G122828 for more information.

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

- As of day 170 (Jun 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 6.5 Gbits during this week.