

STEREO MOC Status Report

Time Period: 2024:134 (May 13) - 2024:140 (May 19)

STEREO Ahead (STA) Status:

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

- On day 137 (May 16), during the DSS-83 (ESA Cebreros) support, DSN operator error resulted in ESA's prime SLE Telemetry Server being reset. This anomaly resulted in the loss of real-time and SSR data being delivered to the MOC between 0637z and 0643z. The MOPs team performed a post-track SLE offline telemetry playback from ESA's backup SLE Telemetry Server and recovered all of the affected data.

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

- As of day 140 (May 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.