

STEREO MOC Status Report

Time Period: 2024:071 (Mar 11) - 2024:077 (Mar 17)

STEREO Ahead (STA) Status:

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

- On day 075 (Mar 15), during the DSS-55 support, the beginning of track was delayed by 3.1 hours until 0714z, due to an automation software problem preventing link connections to Madrid, following a network maintenance event. This anomaly resulted in the loss of 3.1 hours of real-time telemetry, tracking, commanding, and SSR data. Due to the timing of the outage and track coverage, the SSR data could not be recovered, which resulted in the loss of 23 hours of science and housekeeping data for day 074-0812z thru 075-0712z. See DR #M116821 for more information.

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

- As of day 077 (Mar 17), 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 5.5 Gbits during this week.