

STEREO MOC Status Report

Time Period: 2024:029 (Jan 29) - 2024:035 (Feb 04)

STEREO Ahead (STA) Status:

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

- On day 030 (Jan 30), during the DSS-35 support, the beginning of track was delayed by three minutes, due to RFI. This anomaly resulted in the loss of three minutes of real-time telemetry, tracking, and SSR data. The MOPs team repositioned the SSR pointers during the track and recovered all of the affected data. See DR #C117724 for more information.
- On day 031 (Jan 31), during the DSS-63 support, the transmitter was declared red, due to a hardware problem. This anomaly resulted in the loss of 3.4 hours of real-time commanding and 2-way tracking data. See DRs #M116711 for more information.

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

- As of day 035 (Feb 4), 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 6.6 Gbits during this week.