

STEREO MOC Status Report

Time Period: 2023:016 (Jan 16) - 2023:022 (Jan 22)

STEREO Ahead (STA) Status:

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

- On day 020 (Jan 20), during the DSS-26 support, the antenna was declared red, due to a feed mirror problem. This anomaly resulted in the loss of 1.4 hours of real-time telemetry, command, tracking and SSR data. The MOPs team repositioned the SSR pointers during the subsequent DSS-56 track and recovered all the affected data. See DR #G123433 for more information.

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

- As of day 022 (Jan 22), 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 6.3 Gbits during this week.