

STEREO MOC Status Report

Time Period: 2023:093 (Apr 3) - 2023:099 (Apr 9)

STEREO Ahead (STA) Status:

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

- On day 095 (Apr 5), during the DSS-55 support, turbo decoder lock was lost briefly at 2249z. This anomaly resulted in the loss of 14 frames of SSR data. The MOPs team repositioned the SSR pointers during the subsequent DSS-63 track and recovered all the affected data.
- On day 098 (Apr 8), during the DSS-56 support, turbo decoder lock was lost briefly at 1843z. This anomaly resulted in the loss of 21 frames of SSR data. The MOPs team repositioned the SSR pointers during the subsequent DSS-36 track and recovered all the affected data.

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

- As of day 099 (Apr 9), 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.