

STEREO MOC Status Report

Time Period: 2023:107 (Apr 17) - 2023:113 (Apr 23)

STEREO Ahead (STA) Status:

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

- On day 108 (Apr 18), during the DSS-36 support, turbo decoder lock was lost briefly at 1029z. This anomaly resulted in the loss of four frames of SSR data. The MOPs team repositioned the SSR pointers during the subsequent DSS-25 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.

- On day 109 (Apr 19), the SECCHI instrument reset at 12:28:40z. The SECCHI team reconfigured the instrument to operational mode by 1952z. This was the 74th reset of the SECCHI instrument on the Ahead observatory.
- As of day 113 (Apr 23), 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 6.1 Gbits during this week.