

STEREO MOC Status Report

Time Period: 2022:248 (Sept 5) - 2022:254 (Sept 11)

STEREO Ahead (STA) Status:

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

- On day 251 (Sept 8), during the DSS-34 support, turbo decoder lock was lost briefly at 0217z. This anomaly resulted in the loss of one frame of SSR data.

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

- On day 252 (Sept 9), the SECCHI team commanded an instrument reboot with a watchdog reset at 07:14:57z. The reset corrected a software error with the image counter. The SECCHI team reconfigured the instrument to operational mode by 0743z. This was the 72nd reset of the SECCHI instrument on the Ahead observatory.
- As of day 254 (Sept 11), 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 5.7 Gbits during this week.