

STEREO MOC Status Report

Time Period: 2021:270 (Sept 27) - 2021:276 (Oct 3)

STEREO Ahead (STA) Status:

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

- On day 272 (Sept 29), during the DSS-63 support, the command modulation toggled offline for two seconds and aborted the command system bind at 1634z. The command system bind was established again at 1819z. This anomaly caused the aborting of one SECCHI SCM command at 1800z, and SECCHI sent the command again during the subsequent DSS-34 track.
- On day 273 (Sept 30), during the DSS-34 support, the MOC commanding was delayed ten minutes due to a monitor data problem. The MOC received monitor data successfully at 1023z. See DR #C115971 for more information.
- On day 275 (Oct 2), during the DSS-34 support, turbo decoder lock was lost briefly at 1132z. This anomaly resulted in the loss of three frames of SSR data.

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

- As of day 276 (Oct 3), all PLASTIC systems are behaving well, except there is a high 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.