

STEREO MOC Status Report  
Time Period: 2020:223 - 2020:229

STEREO Ahead (STA) Status:

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

- On day 227, during the DSS-24 support, beginning of track telemetry was delayed by 52 minutes until 0057z due to a receiver configuration problem. MOPs repositioned the SSR pointers and recovered all the affected data. See DR #G121295 for more information.

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

- On day 224, the 130th momentum dump was executed successfully at 2100z, which imparted an estimated delta V of 0.073 m/sec. This was the 49th momentum dump conducted without gyro use. After thruster operations completed, there was a 0.3 degree of roll angle error. Fine pointing stabilized 2.6 minutes after completion of the momentum dump.
- As of day 229, 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 6.4 Gbits during this week.