

STEREO MOC Status Report
Time Period: 2020:251 - 2020:257

STEREO Ahead (STA) Status:

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

- On day 254, during the DSS-74 (ESA New Norcia) support, BOT telemetry and the uplink sweep were delayed by 10 minutes due to an expired set of antenna predictions. This anomaly resulted in the loss of real-time telemetry between 0805z and 0815z, including the loss of eight minutes of SSR data.
- On day 257, during the DSS-14 support, turbo decoder lock was lost briefly at 2044z. This anomaly resulted in the loss of 68 frames of SSR data. On the subsequent DSS-34 support, MOPs repositioned the SSR pointers and recovered all the affected DSS-14 data. See DR #G121358 for more information.

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

- As of day 257, 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 6.1 Gbits during this week.