

STEREO MOC Status Report
Time Period: 2020:167 - 2020:173

STEREO Ahead (STA) Status:

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

- On day 169, during the DSS-55 support, the receiver interface was lost at 1554z, which delayed the 2-way downlink mode acquisition by two minutes. Also, turbo decoder lock was lost briefly at 1810z. These anomalies resulted in the loss of two minutes of real-time telemetry and SSR data. On the subsequent DSS-14 support, MOPs repositioned the SSR pointers and all affected DSS-55 data was recovered. See DR #M112367 for more information.

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

- As of day 173, 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 6.8 Gbits during this week.