

STEREO MOC Status Report

Time Period: 2021:235 (Aug 23) - 2021:241 (Aug 29)

STEREO Ahead (STA) Status:

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

- On day 235 (Aug 23), during the DSS-63 support, the transmitter was declared red, due to a problem with the antenna transmitter mask controller. This anomaly resulted in the loss of 2.9 hours of real-time commanding and 2-way tracking data. See DR #M113813 for more information.
- On day 241 (Aug 29), during the DSS-14 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.

- As of day 241 (Aug 29), 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.