

STEREO MOC Status Report

Time Period: 2021:228 (Aug 16) - 2021:234 (Aug 22)

STEREO Ahead (STA) Status:

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

- On day 228 (Aug 16), during the DSS-63 support, the transmitter was declared red, due to a filament undercurrent interlock problem. This anomaly resulted in the loss of 2.9 hours of real-time commanding and 2-way tracking data. See DR #M113805 for more information.
- On day 228 (Aug 16), during the DSS-14 support, the beginning of track was delayed 41 minutes until 2256z, due to the Automated Link Build and connection problems at Goldstone. This anomaly resulted in the loss 31 minutes of real-time commanding, 2-way tracking, and the loss of 41 minutes of SSR data. The MOPs team repositioned the SSR pointers on the subsequent DSS-25 support. All affected data was recovered, except for the loss of ~5.3 hours of SECCHI data for day 228-1625z thru 2145z. See DR #G122184 for more information.

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

- As of day 234 (Aug 22), 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.