

STEREO MOC Status Report

Time Period: 2023:233 (Aug 21) - 2023:239 (Aug 27)

STEREO Ahead (STA) Status:

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

- On day 235 (Aug 23), during the DSS-14 support, the transmitter was declared red due to a hardware problem. This anomaly resulted in the loss of 3.9 hours of real-time commanding and 2-way tracking data. See DR #G123922 for more information.

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

- On day 233 (Aug 21), the spacecraft ended the slow roll, which began on day 219 (Aug 7) for closest approach to Earth (occurred on Aug 17, 2023).
- As of day 239 (Aug 27), all PLASTIC systems are behaving well, except there is a moderate 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.