

STEREO MOC Status Report

Time Period: 2021:214 (Aug 2) - 2021:220 (Aug 8)

STEREO Ahead (STA) Status:

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

- On day 214 (Aug 2), during the DSS-14 support, turbo decoder lock was lost briefly at 0127z. This anomaly resulted in the loss of 191 frames of SSR data. The MOPs team repositioned the SSR pointers on the subsequent DSS-56 support and recovered all the affected data. See DR #G122146 for more information.
- On day 217 (Aug 5), the NASA and APL network engineers successfully replaced the RIONET network switching infrastructure.

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

- As of day 220 (Aug 8), 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 6.9 Gbits during this week.