

STEREO MOC Status Report

Time Period: 2022:185 (Jul 4) - 2022:191 (Jul 10)

STEREO Ahead (STA) Status:

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

- On day 188 (Jul 7), during the DSS-55 support, the original beginning of track was delayed 1.8 hours until 1815z, due to a track change to support a CAPSTONE backup TCM. This resulted in the loss 1.7 hours of SSR data. The MOPs team re-planned the track in real-time and repositioned the SSR pointers during the support and recovered all the affected data.

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

- As of day 184 (Jul 10), 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 6.6 Gbits during this week.