

STEREO MOC Status Report
Time Period: 2020:188 - 2020:194

STEREO Ahead (STA) Status:

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

- On day 193, during the DSS-34 support, turbo decoder lock was lost briefly at 0526z. This anomaly resulted in the loss of three frames of SSR data.
- On day 194, during the DSS-14 support, the transmitter was declared red due to the dichroic mirror being stuck in the extended position. This anomaly resulted in the loss of 2.8 hours of real-time commanding and 2-way tracking data. See DR #G121213 for more information.

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

- As of day 194, 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 6.8 Gbits during this week.