

STEREO MOC Status Report

Time Period: 2022:073 (Mar 14) - 2022:079 (Mar 20)

STEREO Ahead (STA) Status:

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

- On day 073 (Mar 14), during the DSS-63 support, turbo decoder lock was lost intermittently between 1918z and 2136z, due to elevation tracking errors. This anomaly resulted in the loss of 17294 frames of SSR data. The MOPs team repositioned the SSR pointers during the track and recovered all the affected data. See DR #M114393 for more information.
- On day 079 (Mar 20), during the DSS-14 support, turbo decoder lock was lost briefly at 080-0011z. This anomaly resulted in the loss of one frame of SSR data.

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

- As of day 079 (Mar 20), 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 6.9 Gbits during this week.