

STEREO MOC Status Report

Time Period: 2022:087 (Mar 28) - 2022:093 (Apr 3)

STEREO Ahead (STA) Status:

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

- On day 089 (Mar 30), DSN successfully conducted IONET network maintenance from 2245z through 090-0100z to replace the Juniper SRX firewall with a Palo Alto firewall for their DSN security zone at JPL. After the outage, MOPs successfully tested the MOC to DSN connectivity for all SLE Telemetry and Command Servers.
- On day 090 (Mar 31), during the DSS-63 support, turbo decoder lock was lost briefly at 1954z. This anomaly resulted in the loss of 30 frames of SSR data. The MOPs team repositioned the SSR pointers during the track 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 093 (Apr 3), 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.