

## STEREO MOC Status Report

Time Period: 2024:120 (Apr 29) - 2024:126 (May 5)

### STEREO Ahead (STA) Status:

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

- On day 123 (May 2), APL network engineers successfully conducted the network infrastructure hardware replacement from 0000z to 0100z without affecting the MOC DMZ network.
- On day 123 (May 2), during the DSS-63 support, turbo decoder lock was lost briefly at 1128z. This anomaly resulted in the loss of eight frames of SSR data. The MOPs team 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 126 (May 5), 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 6.5 Gbits during this week.