

STEREO MOC Status Report  
Time Period: 2021:095 - 2021:101

STEREO Ahead (STA) Status:

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

- On day 097, APL successfully conducted DMZ network maintenance from 2100z through 098-0100z without affecting the MOC network.
- On day 097, during the DSS-63 support, uplink activities were delayed 40 minutes from 2000z to 2040z, due to a transmitter problem. This anomaly resulted in the loss 0.7 hours of real-time commanding, 2-way tracking, and 3466 frames SSR data during the transition to 2-way downlink mode. The MOPs team repositioned the SSR pointers during the track and recovered all the affected data. See DR #M113393 for more information.

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

- As of day 101, 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 6.7 Gbits during this week.