

STEREO MOC Status Report  
Time Period: 2020:069 - 2020:075

STEREO Ahead (STA) Status:

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

- On day 070, during the DSS-14 support, turbo decoder lock was lost intermittently from 0413z through 0414z. This anomaly resulted in the loss of 3807 frames of SSR data. For more information, see DR #G120951.
- On day 072, during the DSS-63 support, turbo decoder lock was lost intermittently from 2016z through 2018z. This anomaly resulted in the loss of 34 frames of SSR data.
- On day 073, during the DSS-14 support, turbo decoder lock was lost intermittently from 0155z through 0206z. This anomaly resulted in the loss of 5212 frames of SSR data. For more information, see DR #G120968.

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

- As of day 075, 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 7.1 Gbits during this week.