

STEREO MOC Status Report
Time Period: 2021:074 - 2021:080

STEREO Ahead (STA) Status:

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

- On day 074 (Mar 15), three MOC planning/assessment machines and Raid were upgraded to the x86 architecture and transitioned to operations successfully. The machine names/functions are Vernon (data archive server & raid), Neville (Assessment processing), and Arthur (telemetry plotting). The MOPs team used the new machines to ingest spacecraft telemetry and create the assessment data products successfully over the last week. The STEREO Science Center (SSC) has verified the delivered data products.

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

- On day 077, the 57th SECCHI stepped calibration was executed at 1330z for aphelion in the Ahead orbit. This was the 26th SECCHI stepped calibration roll conducted without gyro use.
- As of day 080, 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 6.2 Gbits during this week.