

STEREO MOC Status Report  
Time Period: 2020:342 - 2020:348

STEREO Ahead (STA) Status:

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

- None.

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

- On day 344, the 133rd momentum dump was executed successfully at 1900z, which imparted an estimated delta V of 0.071 m/sec. This was the 52nd momentum dump conducted without gyro use. After thruster operations completed, there was a 0.4 degree of roll angle error. Fine pointing stabilized 2.3 minutes after completion of the momentum dump.
- As of day 348, 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 6.1 Gbits during this week.