

STEREO MOC Status Report
Time Period: 2010:095 - 2010:101

STEREO Ahead (STA) Status:

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

- None.

2. The following spacecraft/instrument events occurred during this week:

- On day 097, the MOps permanent macro release 1.1.2 and Data Handling tables release 1.1.1 were loaded to C&DH EEPROM and RAM to support the new downlink rates 240 and 120 kbps for the extended science requirements.
- The average daily SSR playback volume for Ahead was 5.7 Gbits during this week.

STEREO Behind (STB) Status:

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

- On day 095, during the DSS 15 support, telemetry lock became intermittent beginning at 1838z from the antenna brakes being set as a result of high winds at the Goldstone complex. At 1958z, the antenna was stowed to save the antenna and the track ended 2.3 hours early. This resulted in many intermittent gaps in the SSR data for all instruments on day 095 and several hours of data gaps during subsequent days due to the SSR partitions filling. The SSR was finally emptied on day 100. See DR# G110174 for more information.
- On day 097, during the DSS 24 support, the new DSN 0161-Telecomm Format from the CDR was tested. The format change removes the DDD header in the wrapper of each SFDU telemetry frame.

2. The following spacecraft/instrument events occurred during this week:

- On day 096, the 13th SECCHI stepped calibration, for perihelion, was executed successfully.

- On day 096, the MOps permanent macro release 1.1.2 was loaded to C&DH EEPROM and RAM to add a new ST contingency macro.
- On day 098, the new G&C flight software version 3.2.6 was successfully loaded to EEPROM copy 1.
- The average daily SSR playback volume for Behind was 4.7 Gbits during this week.