

STEREO MOC Status Report
Time Period: 2007:050 - 2007:056

STEREO Ahead (STA) Status:

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

- On day 051, all DSN stations began using Right-hand Circular Polarization for tracks with STEREO Ahead.
- On day 052, DSS-15 was experiencing fluctuations in received downlink power. Telemetry dropouts occurred for approximately 2 minutes and 15 seconds beginning at 16:50:17.

2. Ahead spacecraft performance continues to be very good with all subsystems performing nominally. The following spacecraft/instrument events occurred during this week:

- On day 050 the Mission Operations Macros were updated in RAM to incorporate all changes since launch.
- The SECCHI Stepped Calibration Roll was conducted successfully on day 051.
- The SECCHI driven version of the EUVI Flat Field Offpoint was executed on day 052.
- On day 053 SECCHI patched their Flight Software to version 5.02.

STEREO Behind (STB) Status:

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

- On day 051, all DSN stations began using Right-hand Circular Polarization for tracks with STEREO Behind.

2. Behind spacecraft performance continues to be very good with all subsystems performing nominally. The following spacecraft/instrument events occurred during this week:

- On day 050 the Mission Operations Macros were updated in RAM to incorporate all changes since launch.

- On day 053, the first Momentum Dump event on the Behind spacecraft was successfully executed.
- On day 056 from 06:58 through 18:52 a lunar transit of the Sun occurred which was used for a SECCHI calibration.