

STEREO MOC Status Report
Time Period: 2006:331 - 2006:337

STEREO Ahead (STA) Status:

1. No significant Ground System anomalies occurred during this reporting period. One minor problem occurred which is described below:

- On day 332, station DSS-26 dropped command modulation briefly which caused some commands from IMPACT to be dropped. The IMPACT queues were flushed and IMPACT re-transmitted the commands.

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

- The SECCHI decontamination heater duty cycle macro was discontinued on day 332. This is the end of the Early Operations use of the SECCHI decontamination heater.
- On day 333, SECCHI and PLASTIC were powered off for the third perigee eclipse.
- Following the third perigee and the perigee eclipse on day 333, the IMPACT Mag Smooth Roll was repeated which encompassed 4 continuous rolls followed by a slew of the High Gain Antenna from 89 degrees to 0 and back to 89 degrees.
- After the IMPACT Mag calibration roll on day 333, SECCHI and PLASTIC were powered back on.
- On day 335 new IMU and Star Tracker alignment parameters were loaded to RAM.

STEREO Behind (STB) Status:

1. No significant Ground System anomalies occurred during this reporting period. One minor anomaly occurred on day 336 which is described below:

- On day 336, AOS was 27 minutes late at DSS-34 due to a problem with the station predicts.

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

- The SECCHI decontamination heater duty cycle macro was discontinued on day 332. This is the end of the Early Operations use of the SECCHI decontamination heater.
- On day 333, SECCHI and PLASTIC were powered off for the third perigee eclipse.
- Following the third perigee and the perigee eclipse on day 333, the IMPACT Mag Smooth Roll was repeated which encompassed 4 continuous rolls followed by a slew of the High Gain Antenna from 89 degrees to 0 and back to 89 degrees.
- After the IMPACT Mag calibration roll on day 333, SECCHI and PLASTIC were powered back on.
- On day 335 new IMU and Star Tracker alignment parameters were loaded to RAM.