STEREO MOC Status Report
Time Period: 2008:364 - 2009:004

STEREO Ahead (STA) Status:

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

- On day 366, during the DSS 25 support, all ground receipt time in all telemetry was labeled with day 001 vice 366 due to a DSN turbo decoder software anomaly. While the packet time in the level zero data is not effected, the incorrect day is in the ground receipt header within the level zero data. The MOC ground receipt time archive is also incorrect. See DR# N105129 for more information.
- On day 001, during the DSS 15 support, the transmitter tripped off-line. The uplink sweep during the SSR playback resulted in several minutes of SECCHI SSR data loss. See DR# G109139 for more information.

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 366, a leap second was applied to UTC at 23:59:58Z.
- The average daily SSR playback volume for Ahead was 6.2 Gbits during this week.

STEREO Behind (STB) Status:

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

- On day 364, during the DSS 15 track, the transmitter tripped off-line at 0322Z. Remainder of the track was downlink only to prevent SSR data loss. This resulted in the loss of commanding and some tracking data for 98 minutes and several minutes of SSR data loss. See DR# G109131 for more information.
- On day 366, during the DSS 65 support, all ground receipt time in all telemetry was labeled with day 001 vice 366 due to a DSN turbo decoder software anomaly. While the packet time in the level zero data is not effected, the incorrect day is in the ground receipt header within the level zero

data. The MOC ground receipt time archive is also
incorrect. See DR# N105129 for more information.

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 366, a leap second was applied to UTC at 23:59:58Z.
- The average daily SSR playback volume for Behind was 7.2
  Gbits during this week.