

STEREO MOC Status Report
Time Period: 2007:120 - 2007:126

STEREO Ahead (STA) Status:

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

- Unattended track operations began on day 120 this week. No anomalies have been identified related to track automation and the transition has been uneventful.
- On day 124 on the track with DSS-55 at 0455Z, the transmitter was red for most of the track and consequently the track plan was not executed. Due to the transmitter problem, the POC queues were not opened and the instrument stored command buffer was not dumped. The transmitter was back operational by the end of the track and all SSR data was received.

2. Ahead spacecraft performance continues to be very good with all subsystems performing nominally. IMU 2 continues to be used nominally on the Ahead spacecraft. The following list summarizes the spacecraft/instrument events which occurred during this week:

- The average daily SSR playback volume for Ahead was 9.0 Gbits during this week.
- The SECCHI Campaign began on day 124 of this week. This campaign allows SECCHI to return double their allocation of data by adding an extra 3 hour DSN track approximately 12 hours after the start of the normal daily DSN track. The SECCHI campaign will continue through day 137.

STEREO Behind (STB) Status:

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

- Unattended track operations began on day 120 this week. No anomalies have been identified related to

track automation and the transition has been uneventful.

- On day 122 on the track with DSS-26 at 0420Z, DSS-26 experienced hardware problems shortly after BOT. JPL switched the track over to DSS-25 and all SSR data was played back through DSS-25. Due to this unexpected station change, no commanding was possible so the POC queues were not enabled and the instrument stored command buffer was not dumped.

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

- The average daily SSR playback volume for Behind was 9.7 Gbits during this week.
- The SECCHI Campaign began on day 124 of this week. This campaign allows SECCHI to return double their allocation of data by adding an extra 3 hour DSN track approximately 12 hours after the start of the normal daily DSN track. The SECCHI campaign will continue through day 137.