

STEREO MOC Status Report
Time Period: 2009:124 - 2009:130

STEREO Ahead (STA) Status:

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

- On day 125, during the DSS 54 support, AOS occurred six minutes late due to the azimuth antenna brakes not releasing. At 0411Z, the brakes were successfully released. All SSR data was recovered. See DR# M105343 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 125, during the DSS 54 track, the SECCHI instrument reset at 05:35:50Z. During the next track, the SECCHI team reconfigured the instrument to operational mode on day 126 at 0835Z. This was the 10th reset of SECCHI on the Ahead spacecraft.
- The average daily SSR playback volume for Ahead was 5.5 Gbits during this week.

STEREO Behind (STB) Status:

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

- On day 125, during the DSS 24 support, voice communication was lost to the station from 0330Z to 0600Z (EOT) due to a problem at JPL. Voice communications were restored before the start of the next track. See DR# G105268 for more information.
- On day 127, during the DSS 54 support, telemetry lock was intermittent from 1704Z to 2047Z. 48 telemetry frames were lost resulting in minor data loss for SECCHI and PLASTIC. See DR# N105279 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 125, NASA GSFC project management approved the loading and activation of the new G&C flight software version 3.2.6 to the STEREO BEHIND observatory.
- On day 126, the 3rd SECCHI HI 180 degree roll to observe the L5 libration point was executed successfully.
- On day 127, the new G&C flight software version 3.2.6 was successfully loaded to EEPROM copy 2.
- The average daily SSR playback volume for Behind was 6.0 Gbits during this week.