

STEREO MOC Status Report  
Time Period: 2009:145 - 2009:151

STEREO Ahead (STA) Status:

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

- On day 147, before the DSS 45 track started, the transmitter was declared red due to a power supply anomaly. This resulted in the loss of 295 minutes of commanding and tracking data. All SSR data was recovered. See DR# C106946 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 147, the 4<sup>th</sup> SECCHI HI 180 degree roll to observe the L4 libration point was executed successfully.
- The average daily SSR playback volume for Ahead was 5.4 Gbits during this week.

STEREO Behind (STB) Status:

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

- On day 150, during the DSS 26 support, the antenna brakes were set upon the Goldstone complex transitioning to commercial power at 0435Z. Telemetry, tracking, and command services were restored at 0520Z. 58 SSR telemetry frames were lost resulting in minor data loss for instruments. See DR# G109471 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 147, the 4<sup>th</sup> SECCHI HI 180 degree roll to observe the L5 libration point was executed successfully.
- The average daily SSR playback volume for Behind was 6.5 Gbits during this week.