

STEREO MOC Status Report
Time Period: 2014:146 - 2014:152

STEREO Ahead (STA) Status:

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

- On day 147, during the DSS-55 support, turbo decoder lock was lost intermittently beginning at 1111z through 1316z. This anomaly resulted in the loss of ten frames of SSR data.

2. The following spacecraft/instrument events occurred during this week:

- On day 148, the Data Handling (1.1.6) and Power (1.0.3) parameter releases were loaded to EEPROM in preparations for solar conjunction testing.
- On day 150, the G&C hga_stoplo parameter was updated to 0.141372 radians (8.1 degrees) in RAM. This update prevents the HGA from continuing on through lower pointing angles to limit the HGA feed temperature at an acceptable level.
- The average daily SSR playback volume for Ahead was 4.4 Gbits during this week.

STEREO Behind (STB) Status:

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

- On day 151, during the DSS-45 support, turbo decoder lock was lost intermittently beginning at 2257z through 2308z due to heavy rain. This anomaly resulted in the loss of 6994 frames of SSR data. See DR #C110260 more information.

2. The following spacecraft/instrument events occurred during this week:

- On day 150, the G&C hga_stoplo parameter was updated to 0.118682 radians (6.8 degrees) in RAM. This update prevents

the HGA from continuing on through lower pointing angles to limit the HGA feed temperature at an acceptable level.

- The average daily SSR playback volume for Behind was 4.3 Gbits during this week.