

STEREO MOC Status Report
Time Period: 2014:174 - 2014:180

STEREO Ahead (STA) Status:

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

- On day 175, during the DSS-55 support, telemetry lock was lost intermittently between 0603z through 0726z due to heavy rain. This anomaly resulted in the loss of 3290 frames of SSR data. See DR #M108062 for more information.
- On day 176, during the DSS-55 support, telemetry lock was lost intermittently between 1038z through 1314z due to a receiver anomaly. A second receiver was added and telemetry lock was reacquired at 0917z. This anomaly resulted in the loss of 9372 frames of SSR data. See DR #M108066 for more information.
- On day 180, during the DSS-65 support, turbo decoder lock was lost at 1049z due to a receiver anomaly. Conscan was disabled to clear the condition. This anomaly resulted in the loss of 128 frames of SSR data. See DR #M108104 for more information.

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

- On day 174, Fault Protection version 2.3.14 was loaded to EEPROM and Earth Acquisition mode bypass was selected in preparations for solar conjunction testing to commence on day 187.
- On day 177, the 20th HGA Calibration was successfully executed at 0130z.
- On day 178, DHS parameters version 1.1.7 and MOps macros 1.1.22 were loaded to EEPROM in preparations for solar conjunction testing to commence on day 187.
- The average daily SSR playback volume for Ahead was 4.1 Gbits during this week.

STEREO Behind (STB) Status:

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

- On day 174, during the DSS-14 support, the transmitter was red before BOT. The track was shorted to a duration of 4.1 hours to allow the transmitter to be repaired. This incurred a loss of two hours of SSR data.
- On day 175, during the DSS-43 support, telemetry lock was lost intermittently between 0429z through 0440z due to heavy rain. This anomaly resulted in the loss of 853 frames of SSR data.
- On day 176, during the DSS-63 support, turbo decoder lock was lost briefly at 0831z. This anomaly resulted in the loss of five frames of SSR data.

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

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