

STEREO MOC Status Report  
Time Period: 2010:088 - 2010:094

STEREO Ahead (STA) Status:

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

- On day 089, during the DSS 25 support, ranging pre-calibration failed due to a timing anomaly with the receiver and ranging processor. A post calibration of the ranging data was performed. All SSR data was received. See DR# G110153 for more information.
- On day 089, during the DSS 25 support, turbo decoder lock was intermittent from 1940z through 2021z. This resulted in the loss of several minutes of SSR data for all instruments. See DR# N106083 for more information.

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

- The average daily SSR playback volume for Ahead was 5.7 Gbits during this week.

STEREO Behind (STB) Status:

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

- On day 089, during the DSS 25 support, turbo decoder lock was intermittent from 2303z through 090-0117z. This resulted in the loss of several minutes of SECCHI SSR data. See DR# N106082 for more information.
- On day 093, during the DSS 25 support, the transmitter was declared red at BOT. The DSN Ops Chief quickly brought up DSS 26 to provide command and tracking services from 1745z to 2130z. At 2100z, the DSS 25 transmitter was enabled for the duration of the support. This resulted in the loss of several minutes of SSR data for all instruments. See DR# G110167 for more information.

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

- On day 094, at 1759Z, the Behind spacecraft was at perihelion.
- The average daily SSR playback volume for Behind was 5.0 Gbits during this week.