

STEREO MOC Status Report  
Time Period: 2011:003 - 2011:009

STEREO Ahead (STA) Status:

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

- On day 007, during the DSS 65 support, turbo decoder lock was lost intermittently at 0743z and 0809z due to rain at the Madrid complex. This resulted in the loss of several minutes of instrument SSR data. See DR# N106992 for more information.

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

- The average daily SSR playback volume for Ahead was 4.7 Gbits during this week.

STEREO Behind (STB) Status:

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

- On day 003, during the DSS 63 support, turbo decoder lock was lost briefly at 1732z. This resulted in the loss of several minutes of instrument SSR data. See DR# N106990 for more information.
- On day 006, during the DSS 25 support, ranging lock was 11 minutes late at 0033z due to a software anomaly at the station. This resulted in the loss of 11 minutes of ranging data. All SSR data was recovered. See DR# G110954 for more information.

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

- On day 008, IMPACT IDPU/MAG high power consumption autonomy rule 64 fired at 21:28:37z. This powered off all of IMPACT and PLASTIC instruments. After investigating all recovered data, IMPACT IDPU/MAG, SWEA/STE, and SEP/SEPT2 and PLASTIC instruments were safely powered on again by 011-1700z. Instrument reconfiguration back to the nominal operational

state, including high voltage ramp-ups, is planned for the next few days.

- The average daily SSR playback volume for Behind was 5.8 Gbits during this week.