

STEREO MOC Status Report  
Time Period: 2011:010 - 2011:016

STEREO Ahead (STA) Status:

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

- On day 014, during the DSS 65 support, turbo decoder lock was lost briefly at 0830z. This resulted in the loss of several minutes of instrument SSR data. A DR has been requested.

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

- On day 011, the SECCHI instrument reset at 00:15:51z. The SECCHI team reconfigured the instrument to operational mode at 011-1515z. This was the 21<sup>st</sup> reset of SECCHI on the Ahead spacecraft.
- On day 012, the 13<sup>th</sup> HGA calibration was conducted.
- On day 014, IMPACT dumped RAM to investigate a checksum error.
- 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 occurred during this reporting period:

- On day 010, during the DSS 65 support, turbo decoder lock was lost intermittently between 1925z and 1950z due to rain at the Madrid complex. This resulted in the loss of several minutes of instrument SSR data. See DR# M106122 for more information.
- On day 014, during the DSS 14 support, ranging lock was delayed five minutes at 0043z due to equipment anomaly at the station. This resulted in the loss of five minutes of ranging data. All instruments SSR data was recovered. See DR# G110995 for more information.
- On day 015, during the DSS 26 support, monitor data was lost at 0235z due to a procedural error at the station. This resulted in the loss of the last 45 minutes of monitor

data for the track. All instruments SSR data was recovered. See DR# G110998 for more information.

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

- On day 012, the PLASTIC instrument was returned to its operational configuration at 0239z from being powered down on day 008 from an IMPACT IDPU/MAG high power consumption autonomy rule 64 fired at 21:28:37z.
- On day 012, the 13<sup>th</sup> HGA calibration was conducted.
- On day 013, SECCHI activated FSW IP version 5.16.
- On day 013, all of the IMPACT instruments were returned to their respective operational configuration at 1950z from being powered down on day 008 from an IMPACT IDPU/MAG high power consumption autonomy rule 64 fired at 21:28:37z.
- The average daily SSR playback volume for Behind was 5.0 Gbits during this week.