

STEREO MOC Status Report  
Time Period: 2013:350 - 2013:356

STEREO Ahead (STA) Status:

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

- On day 350, during the DSS-34 support, turbo decoder lock was lost intermittently beginning at 0600z through 0602z. This anomaly resulted in the loss of 676 frames of SSR data. See DR #N109252 more information.
- On day 353, during the DSS-54 support, turbo decoder lock was lost intermittently beginning at 0747z through 1419z. This anomaly resulted in the loss of 2502 frames of SSR data. See DR #N109266 more information.
- On day 355, the DSS-54 support was deleted due to the antenna being declared RED and down for maintenance until 1500 UTC on December 27<sup>th</sup> to work on the azimuth drive points, which are making bad noises.

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

- On day 353, the 63rd momentum dump was executed successfully at 1300Z, which imparted a delta V of 0.070 m/sec.
- The average daily SSR playback volume for Ahead was 3.5 Gbits during this week.

STEREO Behind (STB) Status:

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

- On day 350, during the DSS-65 support, turbo decoder lock was lost intermittently beginning at 1100z through 1629z. This anomaly resulted in the loss of 694 frames of SSR data. See DR #N109253 more information.
- On day 353, during the DSS-55 support, turbo decoder lock was lost briefly at 1418z. This anomaly resulted in the loss of 145 frames of SSR data. See DR #N109264 more information.

- On day 355, during the DSS-55 support, turbo decoder lock was lost briefly at 1025z and again at 1536z. This anomaly resulted in the loss of four frames of SSR data.
- On day 356, during the DSS-55 support, turbo decoder lock was lost briefly at 1616z. This anomaly resulted in the loss of one frame of SSR data.

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

- On day 352, the 3rd annual battery conditioning event was conducted successfully at 1330z on the Behind spacecraft to redistribute the electrolytes within the nickel hydrogen battery cells.
- On day 353, the 58th momentum dump was executed successfully at 1500Z, which imparted a delta V of 0.059 m/sec.
- The average daily SSR playback volume for Behind was 3.3 Gbits during this week.