

STEREO MOC Status Report  
Time Period: 2012:345 - 2012:351

STEREO Ahead (STA) Status:

1. The following Ground System anomalies occurred during this reporting period:
  - On day 345, during the DSS-26 support, turbo decoder lock was lost briefly at 1510z. This anomaly resulted in the loss of 45 frames of SSR data. See DR #G113498 for more information.
  - On day 348, during the DSS-26 support, turbo decoder lock was lost intermittently beginning at 1602z through 1607z. This anomaly resulted in the loss of 4253 frames of SSR data. See DR #N108579 for more information.
  - On day 351, during the DSS-45 support, turbo decoder lock was lost intermittently beginning at 1823z through 1904z. This anomaly resulted in the loss of 477 frames of SSR data. See DR #N108580 for more information.
  - On day 351, the Ahead MOC ground system stopped processing telemetry data 1431z. Therefore, data products for DOY 349-352 are incomplete. The problem appears to be a disk error on the archive server and the ground system engineer is investigating. All data will be re-processed once the system is back online.
2. The following spacecraft/instrument events occurred during this week:
  - On day 345, the SSR science partitions filled as follows:

SWAVES (Part 13) reached 100% full at 0523z for 1.4 hours.  
SWAVES (Part 13) reached 100% full at 1858z for 1.6 hours.  
The primary cause was the accumulated shortage of track time throughout the week.
  - On day 346, the SSR science partitions filled as follows:

SWAVES (Part 13) reached 100% full at 1203z for 2.9 hours.  
SWAVES (Part 13) reached 100% full at 1655z for 7.1 hours.  
IMPACT (Part 15) reached 95% full at 1255z for 2.0 hours.  
IMPACT (Part 15) reached 95% full at 1637z for 7.4 hours.  
The primary cause was the accumulated shortage of track time throughout the week.

- On day 347, the SSR science partitions filled as follows:
 

SWAVES (Part 13) remained 100% full at 0000z for 7.7 hours.  
 SWAVES (Part 13) reached 100% full at 1257z for 8.5 hours.  
 IMPACT (Part 15) remained 95% full at 0000z for 7.7 hours.  
 IMPACT (Part 15) reached 95% full at 1158z for 9.6 hours.  
 The primary cause was the accumulated shortage of track time throughout the week.
- On day 348, the SSR science partitions filled as follows:
 

SWAVES (Part 13) reached 100% full at 0710z for 7.4 hours.  
 SWAVES (Part 13) reached 100% full at 2317z for 0.3 hours.  
 IMPACT (Part 15) reached 95% full at 0611z for 8.6 hours.  
 IMPACT (Part 15) reached 95% full at 2320z for 0.3 hours.  
 The primary cause was the accumulated shortage of track time throughout the week.
- On day 349, the SSR science partitions filled as follows:
 

SWAVES (Part 13) remained 100% full at 0000z for 6.9 hours.  
 SWAVES (Part 13) reached 100% full at 1316z for 9.1 hours.  
 IMPACT (Part 15) remained 95% full at 0000z for 6.9 hours.  
 IMPACT (Part 15) reached 95% full at 1230z for 9.8 hours.  
 PLASTIC (Part 17) reached 95% full at 1659z for 5.3 hours.  
 The primary cause was the accumulated shortage of track time throughout the week.
- On day 350, the SSR science partitions filled as follows:
 

SWAVES (Part 13) reached 100% full at 0546z for 1.1 hours.  
 SWAVES (Part 13) reached 100% full at 1014z for 4.9 hours.  
 SWAVES (Part 13) reached 100% full at 2018z for 0.2 hours.  
 IMPACT (Part 15) reached 95% full at 0455z for 2.0 hours.  
 IMPACT (Part 15) reached 95% full at 0952z for 5.2 hours.  
 IMPACT (Part 15) reached 95% full at 1939z for 0.8 hours.  
 PLASTIC (Part 17) reached 95% full at 0637z for 0.1 hours.  
 PLASTIC (Part 17) reached 95% full at 1059z for 4.1 hours.  
 The primary cause was the accumulated shortage of track time throughout the week.
- On day 351, the SSR science partitions filled as follows:
 

SWAVES (Part 13) reached 100% full at 1130z for 3.3 hours.  
 IMPACT (Part 15) reached 95% full at 1130z for 3.3 hours.  
 The primary cause was the accumulated shortage of track time throughout the week.

- The average daily SSR playback volume for Ahead was 2.2 Gbits during this week.

STEREO Behind (STB) Status:

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

- On day 345, during the DSS-63 support, turbo decoder lock was lost briefly at 1625z. This anomaly resulted in the loss of one frame of SSR data. See DR #N108576 for more information.
- On day 348, during the DSS-26 support, turbo decoder lock was lost intermittently beginning at 1820z through 1822z. This anomaly resulted in the loss of 58 frames of SSR data. See DR #N108577 for more information.

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

- On day 345, the SECCHI instrument reset at 10:38:19z. The SECCHI team reconfigured the instrument to operational mode at 1650z. This was the 19th reset of SECCHI on the Behind spacecraft.

- On day 348, the SSR science partitions filled as follows:

SWAVES (Part 13) reached 100% full at 0702z for 11.2 hours.  
IMPACT (Part 15) reached 95% full at 0540z for 12.9 hours.  
PLASTIC(Part 17) reached 95% full at 0722z for 11.0 hours.  
The primary cause was the accumulated shortage of track time throughout the week.

- On day 349, the SSR science partitions filled as follows:

SWAVES (Part 13) reached 100% full at 0830z for 6.6 hours.  
SWAVES (Part 13) reached 100% full at 2301z for 0.98 hours.  
IMPACT (Part 15) reached 95% full at 0609z for 9.3 hours.  
IMPACT (Part 15) reached 95% full at 2137z for 2.4 hours.  
PLASTIC(Part 17) reached 95% full at 0652z for 8.4 hours.  
PLASTIC(Part 17) reached 95% full at 2202z for 1.98 hours.  
The primary cause was the accumulated shortage of track time throughout the week.

- On day 350, the SSR science partitions filled as follows:

SWAVES(Part 13) remained 100% full at 0000z for 19.1 hours.  
IMPACT(Part 15) remained 95% full at 0000z for 19.3 hours.  
PLASTIC(Part 17) remained 95% full at 0000z for 19.1 hours.  
The primary cause was the accumulated shortage of track  
time throughout the week.

- The average daily SSR playback volume for Behind was 2.6 Gbits during this week.