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 1205z for 2.5 hours.
  IMPACT (Part 15)  reached  95% full at 1050z for 3.7 hours.
  ```
  The primary cause was the accumulated shortage of track
  time throughout the week.

- The average daily SSR playback volume for Ahead was 3.2 Gbits during this week (Updated from previous version).

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 2.7 Gbits during this week (Updated from previous version).