

STEREO MOC Status Report  
Time Period: 2008:140 - 2008:146

STEREO Ahead (STA) Status:

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

- On day 140, DSS 45 transmitter was red before the track began. Commanding and tracking data were not available for the duration of the track. As a result, while the SSR playback was received, recorder space was not freed, and the SECCHI synoptic partition filled at 141:1209Z causing a two hour SECCHI data gap. See DR# C106375 for more information.
- It was reported that the final version of the level zero data files for only day 2008:004 were missing for both spacecraft. These missing version of the level zero data files have been re-generated. The cause is under investigation.

2. Ahead spacecraft performance continues to be very good with all subsystems performing nominally. The following spacecraft/instrument events occurred during this week:

- On day 142, IMPACT successfully loaded a flight software patch to the SWEA instrument.
- The average daily SSR playback volume for Ahead was 8.0 Gbits during this week.

STEREO Behind (STB) Status:

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

- On day 143, DSS 45 transmitter was red before the track began. Commanding and tracking data were not available for the duration of the track. As a result, while the SSR playback was received, recorder space was not freed, and the SECCHI synoptic partition filled at 1956Z causing a four hour SECCHI data gap. See DR# C106400 for more information.
- On day 146, PLASTIC science partition filled at 1923Z causing a 10 hour data gap. SWAVES science partition also

filled. SECCHI synoptic science partition filled at 147:0157Z causing a five hour data gap. These data gaps were a result of not completing the first SSR playback due to a shorten track to support the PHOENIX mission landing.

2. Behind spacecraft performance continues to be very good with all subsystems performing nominally. The following spacecraft/instrument events occurred during this week:

- On day 141, a SECCHI stepped calibration was executed. During the second step at 12:15:27Z, GT rate usage was disabled by fault protection due to a known GT to spacecraft body axes misalignment.
- The average daily SSR playback volume for Behind was 7.4 Gbits during this week.