

STEREO MOC Status Report  
Time Period: 2009:159 - 2009:165

STEREO Ahead (STA) Status:

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

- On DOY 161, during the DSS 54 support, the pre-track ranging calibration could not be performed due to an equipment problem. See DR# M105372 for more information.
- On DOY 165, at 1800Z, APL temporarily suspended its Internet connection to thwart a cyber attack. The Restricted IONet, the network that is used for real-time S/C operations, was unaffected. On DOY 166, at 1722Z, the three primary external workstations that receive DSN data and instrument remote commanding, and distribute real-time telemetry and data products were restored. This resulted in a one day delay of the processing and distribution of science data products. All SSR data was recovered. Also, real-time telemetry distribution and real-time remote instrument commanding were not available for three tracks. Each track continues to be staffed until remote monitoring services are restored.

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 160, the 9th SECCHI stepped calibration, for aphelion, was executed successfully.
- The average daily SSR playback volume for Ahead was 6.0 Gbits during this week.

STEREO Behind (STB) Status:

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

- On DOY 165, at 1800Z, APL temporarily suspended its Internet connection to thwart a cyber attack. The Restricted IONet, the network that is used for real-time S/C operations, was unaffected. On DOY 166, at 1722Z, the three primary external workstations that receive DSN data

and instrument remote commanding, and distribute real-time telemetry and data products were restored. This resulted in a one day delay of the processing and distribution of science data products. All SSR data was recovered. Also, real-time telemetry distribution and real-time remote instrument commanding were not available for three tracks. Each track continues to be staffed until remote monitoring services are restored.

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

- The average daily SSR playback volume for Behind was 6.0 Gbits during this week.