STEREO MOC Status Report
Time Period: 2008:294 - 2008:300

STEREO Ahead (STA) Status:

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

  • On day 296, at 1012Z during the DSS 25 track, the antenna
    stopped tracking due to a loss of control communications
    with the antenna. JPL Ops Chief switch STEREO AHEAD to DSS
    15 and real-time telemetry resumed at 1248Z. This resulted
    in the loss of many hours of data for all instruments and
    most of the tracking data. See DR# G108930 for more
    information.
  • On day 297, pre-track uplink equipment problems at DSS 15
    caused a late ranging pre-calibration. This resulted in
    the loss of 23 minutes of tracking data. See DR# G108936
    and DR# G108937 for more information.
  • On day 297, PLASTIC successfully tested APL POC commanding
    and telemetry after relocating the POC to the MOC.
  • On day 298, at 0629Z during the DSS 55 support, command
    bind was aborted.

2. Ahead 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 Ahead was 6.7
    Gbits during this week.

STEREO Behind (STB) Status:

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

  • On day 294, at 1547Z during the DSS 55 support, no monitor
    data was received. Monitor data was restored at 1850Z
    after reseating a loose cable at JPL. See DR# N104994 for
    more information.
  • On day 296, PLASTIC successfully tested APL POC commanding
    and telemetry after relocating the POC to the MOC.
  • On day 300, at 1520Z, a transmitter exciter anomaly
    occurred during the DSS 55 support. This resulted in the

loss of commanding and tracking data for 280 minutes. See DR# M105108 for more information.

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 7.8 Gbits during this week.