

ANNOUNCEMENTS

- * Current RHESSI default target is AR 10162
- * Solar science seminar Wednesday Oct 23 at 3:30 p.m., in SOHO EAF (Bldg. 26, room G-10), Valery Nakariakov (U. Warwick) will talk about "Slow Magnetoacoustic Waves in the Solar Corona."
- * SDO Fun Run on Thursday 24 October
- * SPWG on Friday at 2pm in the EAF
- * Sunday 27 October: US & European Daylight Savings ends, GSFC local = UT - 5h
- * No student ECS operator will be in the office on Saturday. If anyone needs a SOC, call/page Joan or Emily.

FOT REPORT

Spacecraft Status: Nominal

Spacecraft Anomalies:

291/0913 CEPAC ESU Data Request Error; Recovered autonomously after 3 minutes.
293/2257 MIAEMTR violated configuration monitor for one format. MDI representative notified. Impacts TBD.

Accomplished Activities:

DOY 291: VIRGO, SWAN, RSL, New tracking star, mag = 6.55
DOY 292: VIRGO
DOY 293: VIRGO, Noncoho_02293

Planned Activities: VIRGO, CELIAS, Switch to Science Submode 5, SUMER resumes science operations, MEDOC campaign begins

Upcoming Operations: None

Ground Anomalies:

291/1423 Failed to receive monitor data from D16 for 4 minutes due to a TSP failure.
291/1953 Loss of CMD and TLM due to a D16 auto track failure. Lost one command, approximately 1 minute 15 seconds of unrecoverable TLM, and delayed NRT activities 9 minutes.
292/0440 SH4XT1 hung, cause unknown. SH4WS2 also hung due to the problem with the x-terminal. Both terminals were inoperatable from 0440 until 0530.
294/0012 Lost 6 minutes 55 seconds of TLM and CMD due to a MPA failure at D46. Lost data is unrecoverable.
294/0705 Incorrect clock correlation output due to a TCA failure at D66.

SOLAR STATUS

10/18 DOY 291 - 10/21 DOY 294

EIT daily On-Line Solar Status and observations:

http://umbra.nascom.nasa.gov/eit/plan/log_form20021021.html

LASCO daily On-Line Solar Status and observations:

http://lasco-www.nrl.navy.mil/observations/Todays_obs.html

Web Page for Planning:

<http://www.bbso.njit.edu/arm>

INSTRUMENT STATUS

CDS: Nominal. See MEDOC minutes.

SUMER: Door opened at 13:26 UT. Observing begins tomorrow - see MEDOC minutes.

UVCS: Nominal. JOP158 and mini-synoptic. Tomorrow: TBD.

LASCO: Nominal. C2/C3 synoptics, JOP158.

EIT: Nominal. Half resolution 195 CME watch and synoptics, JOP157, JOP158, JOP131.

MDI: Nominal. Full disk magnetograms and dopplergrams, JOP157. Tomorrow: possibly switching to high res field of view.

TRACE: Nominal. JOP157 and JOP131 on AR10162 today.

MEDOC Campaign #10 Daily Meeting Minutes Monday, 21 October 2002, week # 43 F. Auchere

SOL : F. Auchere

Attendees : P. Lemaire, K. Bocchialini, F. Baudin, S. Parenti,
L. Dolla, D. Cirigliano

Boundary conditions

*Telemetry submode is now sumode 5

*SUMER

Observations will resume tomorrow morning after the 12 hours thermal stabilization

*EIT is in 2x2 binned images mode

*SUMER will support JOP 131 only if a target (prominence) is available over a pole.

Solar Activity

AR162, chosen last Friday as target for JOP 131 and 157, produced two M1-M2 flares over the week-end. EIT reports a moderate activity during the past few days.

Instruments Planning for 10/21 and 10/22

*The target for JOP 157 is AR 162.

*The target for JOP 131 is the filament at (-10', -18')

Outline

SUMER : JOP 158 + Line width measurements study
 CDS : JOP157, JOP 158, JOP131, Synoptic meridian images,
 AR and CH atlas, NIS atlas
 EIT : CME watch 195 2x2 binned
 MDI : High res starting late tuesday or early wednesday

DETAILS

M Oct 21 (W43) SUMER : Not observing today
 Opens door at ~ 7pm local (Goddard)
 Resumes observations tuesday morning.

CDS : 00:00-06:30 UT Synoptic Meridian Images
 06:30-07:30 UT AR Spectral Atlas
 07:30-08:00 UT NIS Full CCD Study
 08:00-12:45 UT JOP 157
 X = -515.23"
 Y = +335.27"
 13:30-16:00 UT JOP 157
 X = -515.23"
 Y = +335.27"
 16:00-17:00 UT Coronal Hole Spectral Atlas
 17:00-18:00 UT NIS Spectral Atlas
 19:00-24:00 UT JOP 158
 X = 0"
 Y = 1000"

UVCS : 17-03 UT JOP 158
 Polar Angle = 0

EIT : CME Watch 195

MDI : Full disk

T Oct 22 SUMER : 14-18 UT Line width measurements (POC L. Dolla)
 (Shifted +2Hours since last friday)
 X=0", Y=TBD (north pole)
 18-24 UT JOP 158
 X=0", Y=TBD (north pole)

CDS : 00:06-06:30 UT Synoptic Meridian Images
 06:30-07:30 UT Coronal Hole Spectral atlas
 07:30-08:00 UT Ingeneering
 08:00-13:00 UT JOP 157 (two pointings)
 X1 = -293.7"
 Y1 = +335.2"
 X2 = -476"
 Y2 = +355"
 13:30-15:00 JOP 131
 Pointing TBD (soon!)
 15:00-18:30 JOP 157
 X = -316" (minus, not plus)
 Y = +330"
 19:00-24:00 JOP 158
 Pointing TBC (soon!)
 X = 0"
 Y = 1000"

UVCS : 03-07 UT 4-hr mini-synoptic
 07-17 UT JOP 158
 Polar Angle = 0

EIT : CME Watch 195

MDI : Possible high res times : 20:27 to 23:20 UT