

SOHO Daily Meeting Minutes for Monday 17 November 2003

ANNOUNCEMENTS

- * JOP153 Major Flare Watch (#7000) current target is AR10501 (formerly AR10484).
- * An attempt to move the HGA Z axis in single-winding mode has been scheduled for today at 19:30-20:30 UT, to see if the HGA activities have improved the situation. No impact expected other than unavailability of NRT. As needed, double-winding movements will be used to ascertain the exact position after the test.
- * Living With a Star Science Workshop "Connecting our Dynamic Sun to the Heliosphere and Geospace" is planned for March 23-26, 2004 Boulder, Colorado. The meeting website is:
<http://lasp.colorado.edu/sdo/meetings/Workshop2004First.html>

FOT REPORT

Spacecraft Status: Nominal

Spacecraft Anomalies: None

Accomplished Activities:

DOY 318: RSL, VIRGO, TTMH_TOMM_MMTOMH_03318
APME Z-Axis Improvement Operations
Adjusted thermal settings for QTR26 and QTR27.

DOY 319: SWAN
APME Z-Axis Improvement Operations

DOY 320: NONCOHO_03320
APME Z-Axis Improvement Operations

Planned Activities: TTMH_TOMM_MMTOMH_03321
New tracking star, mag = 6.5
APME Z-Axis Improvement Operations

Upcoming Operations: None

Ground Anomalies:

318/1255 D27 support that replaced D16, due to D16 being RED, was unable to cover entire scheduled pass. Lost CMD ability from 1620 to 1800. No data loss.

318/2349 Lost 9 minutes 18 seconds of recoverable TLM due to a MPA failure at D46. MDI continuous operations were interrupted to preserve other science and HK data on the SSR.

319/1300 AOS from D27 was 6 minutes late due to an antenna controller problem at the site. Delayed commanding activities 14 minutes.

319/1908 Unable to forward attitude data directly to FDF due to maintenance being performed on their system. Data is available in the IMOC if necessary.

320/1421 Corrupted command between D27 and the spacecraft delayed commanding activities 6 minutes.

320/2220 Received degraded TLM from 2220 to 2257 due to problems with the SBE and modulator at D46. No CMD ability during same time period. Any lost data after 2240 is unrecoverable; other data recoverable from D27.

Other: None. SSR is empty.

SOLAR STATUS

11/14 DOY 318 - 11/17 DOY 321

EIT daily On-Line Solar Status and observations:

http://umbra.nascom.nasa.gov/eit/plan/log_form20031117.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>

Magnetic Maps and Heliospheric Forecasts: <http://www.lmsal.com/forecast/>

INSTRUMENT STATUS

CDS: See MEDOC minutes below. Engineering today at 20:30 UT.

SUMER: See MEDOC minutes below.

UVCS: Nominal. JOP158 and synoptics. Possible JOP153 MFW support tomorrow.

LASCO: Nominal. C2/C3 synoptics with higher cadence, JOP153 MFW and JOP158.

EIT: Nominal. Half resolution 195 CME watch and synoptics, JOP153 MFW JOP171, JOP158. Polar coronal hole study support for tomorrow also.

MDI: Nominal. Full disk magnetograms and dopplergrams for continuous contact, JOP153 MFW, JOP171.

TRACE: Nominal. JOP153 MFW.

*** MEDOC CAMPAIGN # 12 -- Week 47 ***

Mon 17 Nov (From Friday's MEDOC report - see SOC note)

SUMER :

- Flare Watch (morning)
- Slit move, to X=0", around 14:00 UT (if there is an operator at EOF).
- 16:00 UT -> 01:00 UT Tue 18 : JOP 158 (X=0", Y=980, briefly; then Y=1165, Y=1105 and Y=1165 successively)

If the slit move cannot be performed around 14:00 UT, this program will start around 20.00 UT.

[SOC note - JOP158 pointing changed to south pole this morning. SUMER changed pointings this morning but CDS and UVCS will not be able to change pointings until later today.]

CDS :

0:00 - 6:30 synoptic
6:50 - 15:10 JOP 171. x= 281 y=7
15:30 - 19:00 JOP 158
20:30 - 22:30 engineering activities
22:30 - 00:14 18/11 JOP 158

UVCS :

- Synoptics until 16 UT
- 16 UT -> 16 UT on Tuesday 18 : JOP 158 at North Pole (4 steps between 1.5

and 1.8 solar radii) with interruption for minisynoptics (02 -06 UT)

EIT and MDI supports as planned are OK.

Daily meeting, 17 November at MEDOC:

Welcome to Lucia Abbo (UVCS, Torino Observatory) !

Week-end activity :

SUMER support to the flare Watch (MFW):

On Friday 14 Nov., : the door was opened between 11 pm and 1 am.
On Sat. 15, Sun 16 and Monday 17 : Flare Watch (X= -1015, Y=50);
Only Fe XII line was detected.

Status of the Sun and Campaigns:

As mentioned in Bernhard Fleck's and Max Millenium Chief Observer's messages
MFW is on and the target is 10 501 on the disk. The probability for an X event
is about 5% according to NOAA. On the other hand, AR 484 is already at East
limb and 486 and 488 are coming within one day.

It was decided to support as much as possible the present MFW through :
CDS dedicated time during the next days : shortened synoptics, flare
watch instead of GIS atlas, etc... on disk and limb targets.
UVCS dedicated time on Tuesday and Thursday with East limb coverage.
As far as SUMER is concerned, no slit move can be performed between
Monday and Thursday because of the unfavorable time schedule for commanding.
(For the same reason, SUMER is planned for 18-20 November). The current MFW
will be performed at the East limb until 13.00 when the slit is moved to X=0.
SPIRIT/CORONA : V. Slemcin sent us the following message :
"The SPIRIT is now in the synoptic mode:
4h, 16h UT - 304-171-284-195A- once, 175/304 pair twice in 30 min;
each 1,5 h - 175/304 pair twice in 30 min."

CDS reported that some entries had to be deleted in their Monday planning.

Tue 18 Nov

SUMER :

- 01:00 UT: End of JOP 158 (X=0", Y=-980, briefly; then Y=-1165, Y=-1105 and
Y=-1165 successively)
- 01:00 UT -> 19:30 UT : Polar Coronal hole (L. Dolla), X=0", Y=1145"
- 20:00 UT -> Wed 01:00 UT : JOP 158 (X=0", Y=-980, briefly; then Y=-1165,
Y=-1105 and Y=-1165 successively)

CDS :

00- 3:15 Mini-synoptic
03:25- 3:54 Flare watch (Region # 501, Pointing TBD)
07:00 - 14:40 JOP 171 (x=365, y= - 40)
15:00 - 23:59 Flare watch (East Limb, Pointing TBD)

UVCS :

- 02.00 End of JOP158 (South Pole)(4 steps between 1.5 and 1.8 solar radii)
- 02 - 06 UT Minisynoptics
- 06 - 16 UT East Limb MFW (TBC)
- 16 - 02 UT (on Wednesday 19) : Synoptics

EIT and MDI supports as planned.

Daily meeting will normally be held at 11.00 after the seminar.

Planners for Week 47 (at MEDOC: medoc-cmp@medoc.medoc-ias.u-psud.fr):

SOL Jean-Claude Vial

CDS Susanna Parenti and Guillaume Pouget (MEDOC)

Andrzej Fludra (EOF)

SUMER Laurent Dolla and Philippe Lemaire (MEDOC)

LASCO Ops Team

UVCS Ester Antonucci, Lucia Abbo and Alan Gabriel (MEDOC)