

SOHO Daily Meeting Minutes for Thursday, 07 Oct. 1999

MEDOC Campaign # 4, DOY 280

Minutes of the daily meeting held at MEDOC on Thursday, October 7, 1999

NOTE: Input from TRACE has been inserted at Goddard EOF.

Welcome to Laura Roberts and Lisa Maccari, who joined the MEDOC Campaign crew today!

Short report by instrument planners concerning the observations carried out on Oct. 6:

- SUMER: several bright points observed during Jop 111 (microflares?)
low counts in prominence observation good O VI and C III lines
during cooperation with UVCS
- CDS: images obtained during Jop 103 and Jop 111 were shown; they show
interesting features, which deserve careful analysis
prominence study reported neutral helium emission of limb; in He II
contamination by Si XI is present and should be removed
- UVCS: O VI line profiles obtained with very good statistics; dense
material along the line of sight (Si XII 521 A, 2nd order observed);
preliminary values of the O VI line ratio appear to show evidence of
some outflow in the North polar region

- TRACE: Very successful observations with 171 at 10.25 sec cadence and
some interleaved 171/C IV at 15 - 30 sec cadence. Lots of fast
transient brightenings in the AR. Took full FOV context images
of the region in all wavelengths before the JOP started.
La Palma reported fairly good seeing, some excellent frames,
continuous observations from ~08:40 - 11:00.
Both La Palma & TRACE switched to the new region 8722 for the
rest of the afternoon, with good quality observations in the
emerging flux program (TRACE 1600/195 time series, with context
in 171/1216/WL)
JOP009 support: Data has been collected 21:30 - 21:57 but not
received in the EOF yet (this is normal delay). Same program
as on the prominence on 5 Oct.
JOP111 support: Program in progress but no data in EOF yet.
171/195 in 384x384 arcsec field of view; may see some of the
neighboring AR's, which will reduce the exposure times for
faster cadence (good) but less sensitivity in QS (bad).

Plans for Thursday, Oct. 7

Plans of the various instruments for Oct. 7 (see yesterday's report)
are essentially confirmed. CDS will perform some engineering activities
between the end of Jop 103 and the start of Jop 58.

- TRACE: Input appended at the end of message.

Plans for Friday, Oct. 8:

SUMER: 00.00 - 07.00 UT Lines in Ly-alpha wings: quiet Sun near disk center
09.00 - 17.00 UT Filament study near disk center (He I, O I lines
observed placing the entrance slit along the
filament) Pointing: 411", -398"
17.00 - 18.00 UT Cooperation with UVCS
18.00 - 24.00 UT Prominence Spectral Atlas - Pointing: 430", -880"

CDS: 00.00 - 07.00 UT Synoptic study
07.00 - 11.00 UT GIS Spectral Atlas

11.15 - 15.15 Loops in AR: 16 rasters in total will be performed in the active region NOAA 8716, which rotate through the MDI HiRes FOV TRACE will observe the AR's complex NOAA 8716 and 8720 most of the day, with its full FOV
15.30 - 24.00 UT Prominence Spectral Atlas (NIS)

UVCS: 00.00 - 15.00 UT Synoptic
15.00 - 24.00 UT 0 VI line profiles in North Pole Region (2.25 R_{sun})

EIT: CME watch mode
Start of CCD bake out

D. Spadaro

TRACE Plans for Thursday, Oct. 8:

Times are UT and positions are in arc seconds W/E, N/S.

A fairly busy day but not as bad as yesterday. In the morning, JOP 111 continues until 0400. Then calibrations until JOP 103 starts on AR 8716, along with La Palma; TRACE takes context images of the region beforehand. We continue on the region all day with the LP emerging flux program, until at 22:00 the pointing shifts slightly South to include both the AR and the QS target for JOP 58. The timeline shows overuse of the mass memory several times; however, there is an additional pass at ~14:00 which we may get (> 50/50 chance, I think), and the simulator overestimates the telemetry of the emerging flux program by almost x2 anyway.

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00:00 - 03:55 JOP 111 C6195 Quiet Sun at (200, -70), 171, 195 ~1m cadence, 1550, 1600, 1700 every cycles
04:00 - 08:00 JOP 0 C0 Engineering at(0, 0)
08:30 - 11:03 JOP 103 C6145 Sunspot, Active Region 8716 at (-230, 215) 171, 195 ~ 11s cadence, 1550, 1600, 1700 every cycles
11:20 - 21:58 JOP 0 C6180 Sunspot, Emerging Flux, Active Region 8716, at (-221, 216) with tracking. 195 ~ 30s cadence, 171, 1216, 1600, WL every 20 cycles
22:05 - 23:59 JOP 58 C6160 Quiet Sun, Disk Center, Active Region 8716, at (-120, 120). 171, 1216, 1600 ~ 30s cadence, 171, 195, 1216, 1600, WL every 30 cycles