

SOHO Daily Meeting Minutes for Friday, 08 Oct. 1999

DOY: 281

ANNOUNCEMENTS

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\* We had a change in station handover times early today due to a VSOP spacecraft emergency. The DSN schedule remains unaltered from 15 UT through the rest of the day.

MEDOC Campaign # 4

Minutes of the daily meeting held at MEDOC on Friday, October 8, 1999

Some people from Meudon (N. Feautrieu, B. Schmieder, L. Van Driel, etc.) attended the meeting this morning.

Short report by instrument planners concerning the observations carried out on Oct. 7:

- SUMER: Lines in Lyman continuum - very well  
good O VI and C III lines during cooperation with UVCS  
Jop 58 - weak lines - suggestion to change some lines for next runs
- CDS: images obtained during Jop 103 were shown; they show several structures  
also lines got during Jop 58 exhibit a good signal level  
\*\* B. Schmieder reported that a flare was observed in H-alpha around 12.45 UT in AR NOAA 8716 (same area selected for Jop 103); no known record from SOHO instruments
- UVCS: O VI line profiles obtained with very good statistics; dense material along the line of sight (Si XII 521 A, 2nd order) still observed @ 1.8 R<sub>sun</sub>; preliminar values of the O VI line ratio appear to show evidence of some outflow in the North polar region
- TRACE (e-mail by Ted Tarbell): Jop 111 - observations are fair; the nearby active region kept exposures down so quiet Sun features are visible.  
Jop 103 - good observations of moss in AR 8716 until 11.00 UT

Plans of the various instruments for Oct. 8 (see yesterday's report) are confirmed.

Plans for Saturday, Oct. 9:

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SUMER: Lines in Ly-alpha wings - two sets of lines for a total of ~12 hours during the first part of the day

Possibly also: Quiet Sun reference spectrum;  
1/2 hr cooperation with UVCS

CDS: 0.00 - 7.00 UT Synoptic study

7.00 - 17.00 UT Sunspot oscillations study in AR NOAA 8716

SUMER cannot support during the weekend

THEMIS could support, observing CaII lines and H-alpha and H-beta

17.00 - 20.00 UT GIS Spectral Atlas (Quiet Sun)

20.00 - 24.00 UT Off-limb coronal study (2 pointings near North Pole, 2 pointings near South Pole)

UVCS: 0.00 - 15.00 UT Synoptic

15.00 - 24.00 UT O VI line profiles in North Pole Region (2.5 R<sub>sun</sub>)

EIT: CCD bake out

TRACE: Follow the AR 8716/8720 complex continuously as it passes through the

MDI HiRes field of view (\*)

MDI: HiRes - AR/Flare watch (\*)

(\*) Information from the planner in USA

Plans for Sunday, Oct. 10:

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SUMER: Lines in Ly-alpha wings - two sets of lines for a total of ~12 hours during the first part of the day  
Coronal hole observations in coordination with CDS (same target)  
Possibly also: Quiet Sun reference spectrum;  
1/2 hr cooperation with UVCS

CDS: 0.00 - 7.00 UT Synoptic study  
7.00 - 11.00 UT Off-limb coronal study (2 pointings near North Pole, 2 pointings near South Pole)  
11.00 - 19.30 UT Explosive event monitoring in an equatorial coronal hole  
19.30 - 24.00 UT Differential emission measure study (all spectrum) in the same equatorial hole as above (FOV: 3'x3')

UVCS: 0.00 - 15.00 UT Synoptic  
15.00 - 24.00 UT O VI line profiles in North Pole Region (2.75 R<sub>sun</sub>)

EIT: CCD bake out

TRACE: Follow the AR 8716/8720 complex continuously as it passes through the MDI HiRes field of view; La Palma observations starting again (\*)

MDI: HiRes - AR/Flare watch (\*)

(\*) Information from the planner in USA

Plans for Monday, Oct. 11:

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SUMER: 0.00 - 8.00 UT Lines in Lyman alpha wings  
8.00 - 16.00 UT Jop 17/107 Filament/prominence  
16.00 - 17.00 UT Instrument activities  
17.00 - 20.30 UT Cooperation with UVCS (OVI lines in North Polar Region)  
20.30 - 24.00 UT Jop 009

CDS: 0.00 - 7.00 UT Synoptic study  
8.00 - 18.00 UT Jop 17/107 Filament/prominence (limb prominence after 16.30)  
18.00 - 21.00 UT Jop 009 Prominence diagnostics  
21.00 - 24.00 UT Oscillations (target: limb prominence, in coordination with SUMER)

UVCS: 0.00 - 15.00 UT Synoptic  
15.00 - 24.00 UT O VI line intensities and profiles in North Pole Region (@ 1.5, 1.55, 1.6 R<sub>sun</sub>) - Cooperation with SUMER

EIT: CCD bake out

\*\* NOTE \*\* Since I'll leave MEDOC soon after distributing this report, please refer to Jean-Claude Vial for any question/suggestion.

D. Spadaro

