

## 25th Hinode SSC Meeting on 19th February, 2009 at 07:00 JST

### Short Summary, Conclusions and Actions

**a. Instrument Status:** All Nominal - SOT tuneable filter fully operational

#### **b. Open HOP and ToO Scheduling**

##### **1. Polar Coronal Hole – Gabriel, Harra**

- HOP 80 (core HOP) to be modified and run in March, Wk 2 prior to use in SUMER campaign

- **ACTION:** JLC to inform TW of changes to HOP list entry

##### **2. AR “Engineering” Test – Cirtain and AR NLFF Extrapolation – Tarbell**

- combined HOP 100 agreed to demonstrate Hinode capability for key mission-wide AR data set and to test NLFF extrapolation; description circulated by TT

- **ACTION:** TW to modify ToO HOP list

##### **3. Polar Monitoring – Shimojo**

- HOP 81 to run for six days; March 16 to 21

##### **4. Irradiance Scans – Berger**

- HOP 79 to run for two days; March 24/25

##### **5. Scheduling of ToOs**

- five AR ToOs now on list; agreed that they should be considered for introduction to the programme if suitable activity becomes available; no simple mechanism exists for deciding order of introduction; judgement may have to be made by CP/COs at weekly meeting in the light of activity characteristics

- **ACTION:** JD to consider and circulate a policy for AR ToO introduction for discussion at next SSC

- **ACTION:** EIS team to review AR ToO list and comment on EIS studies; JLC/JM to coordinate

#### **c) New Proposals – SUMER Campaign**

##### **1. Campaign Summary**

- total of 14 proposals for joint observations with Hinode (see Table I); SUMER schedule on website; all 14 proposals have been assigned HOP numbers

- planned SUMER observing time is currently as follows: Week 1: 45%; Week 2: 47.6%; Week 3: 48.6%; Overall margin: 11 h

- **ACTION:** JLC and TB to develop Hinode campaign schedule

## **2. Campaign Operations**

- two questions posed by Shimizu-san:

- while the EIS TLM requirements will probably occupy less than 50% of the daily allocation, the SOT requirement may well be larger; opinions ranged between making available whatever TLM was needed to holding back some allocation for core programmes and letting COs decide each week;

- **ACTION:** SSC to assess and reach conclusion at next meeting

- SUMER is a quiet sun instrument so observations are optimised for QS; how should Hinode respond if significant activity occurs during the campaign; opinions ranged from any significant activity should take precedence to significant QS observations e.g. rare prominence features, should not be interrupted; issue difficult to quantify so suggestion to leave to judgement of CP/COs at weekly meeting; Note: XRT will need to switch to AR mode for safety reasons given significant activity levels

- **ACTION:** SSC to assess and reach conclusion at next meeting

- **ACTION:** JLC to brief SUMER team on this issue

### **d) Other Business**

#### **1. Plan/Schedule for Return to Daily Command Uploads**

- ED requested discussion in preparation for returning solar activity; Shimizu-san: pointed out that daily uploading could reduce TLM use flexibility for SOT, expressed a mission operations-based preference for delaying any change, noted that XRT, with prior preparation of programs in the MDP, could change its next day observation plan using the newly available unscheduled OP upload capability during the two daily USC passes

**ACTION:** ED and XRT Team to consider making use of USC passes as outlined above and comment at next SSC

#### **2. XRT Bake-out Schedule**

- ED requested that the XRT bake-out schedule be noted; dates (three week cadence) are 12/03, 02/04, 23/04, 14/05, 04/06, 25/06, -----

#### **3. Coronal Outflows and Active Regions – Korreck, HOP 96**

- **ACTION:** ED to remind KK of need to update HOP

### **e. Date of Next Meeting**

- 19 March at 07:00 JST; 18 March as appropriate in US and UK

**Table I. Hinode/SUMER Campaign 15 – 29 April, 2009**

<u>Observation</u>	<u>Proposer</u>	<u>HOP</u>	<u>SUMER</u>	<u>Hinode Contact</u>
Prominence Structure & Dynamics	Berger	73	6	Berger
SUMI Rocket Campaign	Davis	77	10	Berger
Polar Coronal Hole	Gabriel	80	11	Culhane
Prominence Spectral Atlas	Parenti	82	16, 17	Berger
Vortex Flows, TR, Coronal Heating	Innes	86	1	Weber
Small Scale Transient Brightenings	Madjarska	94	9	Culhane
Study of Coronal Hole Dynamics	Srivastava	104	24	Culhane
He II in prominences	Vial	105	12	Berger
CH Velocities at Base of Corona	Teriaca	106	19, 20	Culhane
Slow Solar Wind Sources	Landi	107	23	Mariska
Bright Point Dynamics	Kamio	108	18, 21	Culhane
Predict EUV He line Intensities	Giunta	109	22	Culhane
Solar Wind Origins in Coronal Holes	He	110	3	Culhane
Filament & its Environment	Schmieder	111	8	Berger
Canopy Dynamics	Pietarila	---	7	Not with Hinode
Molecular Hydrogen	Innes	---	25	Not with Hinode
Center to Limb Variation	Curdt	---	13	Not with Hinode
SUMER Flat Field	Schühle	---	14	Not with Hinode
SUMER Stray Light	Lemaire	---	15	Not with Hinode

Campaign details (SUMER) at:

<http://www.mps.mpg.de/services/campaignplanner/planning/campaign-200904/index.cgi>

UN: campaign

PW: camper!