

## 68<sup>th</sup> Hinode SSC Meeting on 19<sup>th</sup> September, 2012 at 07:00 JST

### Short Summary, Conclusions and Actions

#### a. Program Status:

##### 1. Instrument Status Review

SOT not quite nominal (see report of 63<sup>rd</sup> SSC) but has improved significantly. Blurring and intensity changes now visible for only 5% of the NFI field of view. Everything else is nominal with SOT.

XRT is nominal

EIS is nominal

##### 2. Changes to Instrument Telemetry (on-board storage) Allocation

**ACTION: Any telemetry allocation change agreements for a HOP should be communicated to Watanabe for inclusion in the Monthly Events listing and ideally in the HOP list; Ongoing**

##### 3. HOP Prioritisation

- SSC asked by SWG to prioritise HOPs i) with associated ground-based observations that were overlapping in a time zone and ii) in cases that generated mission telemetry use conflicts.

**ACTION: Culhane to ensure that such cases were highlighted in SSC meeting notes; Ongoing**

#### b. Previous Action Items

- Action on Cirtain to summarise for Shimizu-san the discussion of introducing a one month lead-time from SSC approval to implementation of new HOPs is on-going

#### c. Review/Discussion of Open HOPs and ToOs

- XRT bakeout was confirmed in plan for 19<sup>th</sup> September

- Polar Panorama Map (HOP 206) will be scheduled for 1<sup>st</sup> to 7<sup>th</sup> October

#### d. Review of New Proposals and Scheduling of Observations

##### 1. Sec Peak Prominence Observing Campaign – Kucera; ToO HOP 219

- schedule with DST in the interval 9<sup>th</sup> through 15<sup>th</sup> October; Hinode to use HOP 73 observing plan

**ACTION: Tarbell to inform Kucera that SOT will operate at a fixed wavelength (completed)**

##### 2. Coordination with Ground-based Observations of the Total Solar Eclipse on 13<sup>th</sup> November

- at least two HOP proposals have been received (Sterling and Habbal/Landi); others are expected

- **Sterling's** proposal outlined two projects (**white light plumes** and **coronal structure density measurements**); further details are required of requests to Hinode instruments
- the **Habbal/Landi** proposal described studies of the **solar wind** and of the **plasma parameters for large-scale coronal structures**; Support by **EIS** and **XRT** was specifically requested; the EIS TLM requirement was large and had already been reduced following pre-submission discussions; **SOT** team will consider transferring part of their daily TLM allocation to increase the EIS allocation from **15%** to **25%**.
- it was pointed out that the Hinode spacecraft would also experience a deep eclipse so spacecraft operation would have to be examined; **Shimizu-san** is assessing the implications
- final details of Hinode eclipse support plan will be agreed at next SSC meeting

**ACTION: Certain to email eclipse observation proposers requesting coordination of their Hinode observing requirements; cc to Mariska who is contact for the Habbal/Landi proposal**

### **3. Flows Near Active Region Neutral Lines – Martinez-Pillet, Harra; ToO HOP 220**

- careful AR target selection is required; **Harra** will select suitable target region and inform COs; it was noted that **SOT SP** could operate with a larger field-of-view than was requested

### **4. Co-ordinated Observations with FOXSI: a Rocket-launched Hard X-ray telescope – Krucker, Williams; HOP 221**

- rocket launch scheduled for **2<sup>nd</sup> November**; slot time to be confirmed; **Williams** to discuss appropriate **XRT** operating mode with **Reeves**

### **5. Understanding the Driving Mechanisms and Properties of RBEs using IBIS and Hinode – Deng, Shimizu; HOP 203**

- re-run requested for this HOP for the interval **24<sup>th</sup> October to 8<sup>th</sup> November**

### **6. Origin of High-speed Mass Flows in Solar Polar Regions – Goode, Tarbell**

- joint observation with **NST** at **BBSO**; **XRT** team suggests larger FoV as used in **HOP 81**; **EIS** team will suggest appropriate studies
- following discussion of **NST** testing with **Goode**, the **SOT** team (**Tarbell**) suggests a **November** observation slot
- **schedule observation and assign a HOP at next SSC meeting**

### **7. Chromospheric Solar Flares: Joint Observations with VTT/Gregor - Rubio da Costa, Hinode contacts: Tarbell, Mariska; HOP 222**

- schedule for **17<sup>th</sup> to 24<sup>th</sup> October**; **EIS** team to suggest appropriate flare studies; **SOT** team to clarify **SOT** requirements

The continuing monthly observations are:

- **Synoptic SOT Irradiance Scans – Tarbell; CORE HOP 79**
- scheduled for **16<sup>th</sup>** and **18<sup>th</sup> October**; subject to delay if **HOP 222** is observing a flaring AR
  
- **Polar Monitoring - Shimojo; CORE HOP 81**
- to be scheduled in the interval **24<sup>th</sup>** through **30<sup>th</sup> October**
- daily meeting selects two days for short (FSM) version based on **HOP 203** weather/progress reports
  
- **Multi-temperature Full Disk Slot Scans – Ugarte-Urra, Brooks, Warren; CORE HOP 130**
- scheduled for **2<sup>nd</sup>** and **23<sup>rd</sup> October**

**e. Date of Next Meeting**

- next meeting: **18<sup>th</sup> October, 2012** at 07:00 JST; **17<sup>th</sup> October, 2012** as appropriate in US and Europe

**f. AOB**

- the SSC welcomed **Sabrina Savage** as **MSFC Hinode Deputy Project Manager**
  
- **Cirtain** reported that **HI-C** analysis was proceeding well; presentation will be made at **Fall AGU** and several papers are in preparation

**NOTE: Post meeting, it has transpired that the EUNIS launch, curenly scheduled for 24<sup>th</sup> September will now be on October 20<sup>th</sup> with a possibility of October 19th**