

97<sup>th</sup> Hinode SSC Meeting on 19<sup>th</sup> February, 2015 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); blurring and intensity changes now visible for **20% - 25%** of the NFI field of view; NFI observations remain possible but will take a little longer; no change reported from **January** status.

**XRT** is nominal

**EIS** is nominal

**2. Flare Watchdog**

**Savage** will consider how to implement this function and discuss mechanisms with **Shimizu-san**.

**3. Focused Mode Liaison**

Not required until start of next focused mode interval on **12<sup>th</sup> May**.

**4. IRIS Eclipse**

**IRIS** eclipse season ended on **17<sup>th</sup> February**

**5. 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**

Following discussion later in the meeting, it was agreed that **HOP 177** should be scheduled for **22<sup>nd</sup> and 23<sup>rd</sup> February**. During this HOP, the **EIS** telemetry allocation should be increased to **50%** and the **SOT** allocation reduced to **35%**.

**6 . 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**

There were no actions from the previous meeting.

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

- routine **HOPs 79 and 130** were run as planned during **February**

- following discussion, dates for the **Feb** and **Mar** running of **HOPs 81, 130** and **79** were agreed
- given the occurrence of S-Polar maximum B-angle in **March**, **HOP 206** will be introduced and an additional S-polar deep run scheduled for **HOP 81**

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

##### **1. Imaging Spectropolarimetry in He I 1083.0 nm at the DST - de Wijn ([dwijn@ucar.edu](mailto:dwijn@ucar.edu)); HOP 277**

- joint observation with **DST/Sac Peak**
- observe in interval **4<sup>th</sup> to 10<sup>th</sup> March, 2015**; optimum time window: **14:30 UT to 18:00 UT**
- target: on-disc AR to be proposed each day and communicated to COs

**ACTION: Tarbell to ask de Wijn for input on EIS requirements**

##### **2. Magnetic Structures within Coronal Holes - Young ([pyoung@ssd5.nrl.navy.mil](mailto:pyoung@ssd5.nrl.navy.mil)); HOP 177**

- target: Polar Coronal Hole that extends to low latitudes; observation needs complete OP period
- HOP requires increased telemetry allocation for **EIS**; SOT Team agreed to a 50% allocation for **EIS**
- **XRT** Team agreed to forego their synoptic observations during a **two day** observing interval
- observation agreed for **22<sup>nd</sup>/23<sup>rd</sup> February** before start of **HOP 206**

**Post Meeting: proposer stated that no suitable target was available; HOP to be run at a later date**

##### **3. Coordinated Hinode/EIS and Ground-based Observations of the Total Eclipse of 20<sup>th</sup> March - Landi ([elandi@umich.edu](mailto:elandi@umich.edu)), Habbal ([shadia@ifa.hawaii.edu](mailto:shadia@ifa.hawaii.edu)); HOP 278**

- ground-based observations of totality at ~ **09:45 UT (Faroe Islands)** and ~ **10:12 UT (Svalbard)**
- total **EIS** observing time: **5 h 54 m** centered on **10:00 UT on 20<sup>th</sup> March**; **EIS/XRT** to observe limb
- target during eclipse: cavity if available otherwise limb AR;
- before/after eclipse: observe polar CH/streamer boundary or streamer if polar CH not available

##### **4. Long Duration Coronal Hole Observation to Search for Alfvén Waves - Hahn ([mhahn@astro.columbia.edu](mailto:mhahn@astro.columbia.edu)), Savin ([savin@astro.columbia.edu](mailto:savin@astro.columbia.edu)); ToO HOP 279**

- observe polar coronal hole; sit and stare mode **EIS** observation
- target: polar coronal hole; observing time: 24 hr minimum, no specific time/date
- observing window: agreed for **25<sup>th</sup> to 31<sup>st</sup> March** following **HOP 206** conclusion

##### **5. Polar Panorama Map – Shimojo ([masumi.shimojo@nao.ac.jp](mailto:masumi.shimojo@nao.ac.jp)); HOP 206**

- target will be **S-Polar** region for **10** observing runs
- schedule every three days during **February/March**; start on **24<sup>th</sup> February**; end on **23<sup>rd</sup> March**
- run on **5<sup>th</sup> March** as for HOP 81

The continuing monthly observations are:

- **Synoptic SOT Irradiance Scans – Tarbell; CORE HOP 79**
- run on **16<sup>th</sup> March (N/S)** and **18<sup>th</sup> March (E/W)**
- **Polar Monitoring - Shimojo; CORE HOP 81**
- run **fast scans** on **4<sup>th</sup> March; N pole, 5<sup>th</sup> March ; S Pole** and **6<sup>th</sup> March; S pole deep**

- **Multi-temperature Full Disk Slot Scans – Ugarte-Urra, Brooks, Warren; CORE HOP 130**
- run on **3<sup>rd</sup> and 24<sup>th</sup> March, 2015**

**e. Monthly Science Reports**

- next Hinode monthly coordinated science report to be prepared by **Tarbell** for ~ **13<sup>th</sup> March, 2015** and will be focused on selection of highlights to be included in the Senior Review submission
- see [http://hinode.msfc.nasa.gov/science\\_charts/](http://hinode.msfc.nasa.gov/science_charts/) for template and previous charts

**f. Date of Next Meeting**

- next meeting: **19<sup>th</sup> March, 2015** at **07:00 JST**; **18<sup>th</sup> March, 2015** as appropriate in US/Europe

**g. AOB**

- **Savage** will submit Senior Review Hinode document by **6<sup>th</sup> March**