

103rd Hinode SSC Meeting on 27th August, 2015 at 07:00 JST

Short Summary, Conclusions and Actions

a. Program Status

1. Instrument Status Review

SOT not quite nominal (see report of **63rd 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 **July** status. The annual bakeout was completed satisfactorily and the final flat field is soon to be measured.

XRT reported no further changes following the recent visible light leak. Use of eclipse images to allow correction of filter images is still in progress. Status report will be presented at Hinode 9 meeting.

EIS is nominal. CCD bakeout now planned for **October**. 1 arc sec slit should not be used in studies of Coronal Holes or other low surface brightness targets due to warm pixels causing line profile uncertainties.

2. HOP Data Assessment Form

Prior to the meeting, **Savage** circulated a **HOP** productivity report form. This should in future be completed by HOP proposers following their observations. It can be found at the **HOP Instruction Page** (<http://hinode.msfc.nasa.gov/hops.html>) along with the HOP Submission Form.

3. 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

4. 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 outstanding actions from the previous meeting.

c. Review/Discussion of Open HOPs and ToOs

- routine HOPs **130, 79** and **81** were run as planned during **August**.
- following discussion, dates for the **September** running of **HOPs 130, 79** and **81** were agreed
- the autumn polar panorama campaign (**HOP 206**) will begin on **30th August** and continue at three day intervals to **26th September**
- **HOP 288** was not run as planned due to failure of communication between proposers and COs

- **HOP 252** (MOSES-II launch support) was delayed to **27th August** due to a rocket problem
- HOPs already scheduled for **September** include:

HOP 290: CLASP Rocket Launch Support; remains on schedule for **3rd September**

HOP 257: SST (La Palma) - IRIS - Hinode Campaign; begins on **3rd September**

- **SOT Team** will notify COs which observation topics should be selected

d. Review of New or Updated Proposals and Scheduling of Observations

1. Coordinated UV/EUV/X-ray Observations of Coronal Jets - Savcheva

(asavcheva@cfa.harvard.edu), Testa (ptesta@cfa.harvard.edu) Reeves (kreeves@cfa.harvard.edu);

HOP 293

- Identify the structure and dynamics of the acceleration region in coronal jets.
- Identify the mechanism for supplying plasma to and accelerating the jet.
- Observe in the interval **19th to 25th October** for up to six hours each day
- Modified EIS study ISSI_jet_1 with smaller raster, shorter exposure and a few additional cooler lines e.g. Fe VIII, Fe IX; **Reeves** and **Culhane** to discuss details; **Tarbell** to suggest **SOT** observations

2. Polar Panorama Map for Understanding Polar Reversal in Cycle 24 – Shimojo; HOP 206

- target will be North polar region; obtain data for North Pole
- schedule every three days during **September**; start **30th August**; end **26th September**

The continuing monthly observations are:

- **Synoptic SOT Irradiance Scans – Tarbell; CORE HOP 79**
- run on **15th September (N/S)** and **17th September (E/W)**
- **Polar Monitoring - Shimojo; CORE HOP 81**
- run fast scans on **7th Sept; S pole** and **10th Sept; N pole** as for **HOP 206**; **9th Sept; N-pole deep scan**
- **Multi-temperature Full Disk Slot Scans – Ugarte-Urra, Brooks, Warren; CORE HOP 130**
- run on **8th and 29th September**

e. Monthly Science Reports

- next Hinode monthly science report will be prepared by **Doschek** by **9th October**
- see http://hinode.msfc.nasa.gov/science_charts/ for template and previous charts

f. Date of Next Meeting

- next meeting: **24th September, 2015** at **07:00 JST**; **23rd September, 2015** as appropriate in US/Europe

g. AOB

- **Savage** reported that funding had now been approved for **Hinode 9** attendance requests