

101st Hinode SSC Meeting on 25th June, 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 **May** status. The FG CCD is showing a little contamination (less than in previous years) and the annual bakeout is planned for 14th - 15th July.

XRT has developed a new visible light leak. Ti/Poly filter is significantly affected - should not be used for photometric measurements. Thin Al/Poly filter observations can be corrected. G-band visible filter also affected but acceptable difference images can still be obtained.

EIS is nominal; prior to September CCD bakeout, 1 arc sec slit should not be used in studies of Coronal Holes or other low surface brightness targets due to current line profile uncertainties.

2. Flare Watchdog

Agreed that **Bamba-san (ISAS)** will become Hinode flare watchdog and will attend the daily meeting in the event that flare observations are likely.

3. New HOP Submission Form

Form was circulated by **Savage**. SSC agreed layout and content. The form has now been posted on the NASA project website at <http://hinode.msfc.nasa.gov/hops.html> and should be used for future HOP submissions. **Savage** has also sent an item to Solar News describing the new arrangement.

4. 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

5. 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 **130 and 81** were run as planned during **June**; **HOP 79 E/W** cancelled due to flare alert

- following discussion, dates for the **July** running of **HOPs 81, 130** and **79** were agreed avoiding focused mode conflict for **HOP 79** and **HOP 130**

d. Review of New Proposals and Scheduling of Observations

1. EPO Campaign Observations mainly for High School Students -Yaji (kentaro.yaji@nao.ac.jp); HOP 173

- run for interval **24th - 29th August, 02:00 UT to 06:00 UT**

2. Multi-wavelength Observations of Solar Flares - Cheng (chengjx@shao.ac.cn), Watanabe (watanabe@uvlab.mtk.nao.ac.jp); HOP 288

- run in interval **27th - 31st August**; time window: **17:00 UT - 21:00 UT**
- EIS study IDs: #458 and #485

3. Active Region Filaments - Observing Shear Flows and the Evolution of Magnetic Shear along Magnetic Neutral Lines with GREGOR, VTT, and Hinode - Verma (mverma@aip.de), Kuckein, Balthasar, Denker, Savage (sabrina.savage@nasa.gov), DePontieu (bdp@lmsal.com); HOP 287

- coordinate with **GREGOR, VTT, Tenerife**; schedule **August 10th -19th: 08:30 UT - 10:30 UT**
- proposers have contacted **DePontieu** and a schedule is now in the **IRIS** observation calendar

4. Transition Region Explosive Events: Support of MOSES-II Rocket - Kankelborg, Tarbell, McKenzie (mckenzie@solar.physcis.montana.edu); HOP 252

- rocket launch tentatively scheduled for **August, 20th**; details of **WSMR** launch time to be announced
- **IRIS** observing plan defined and will be tested next week

5. Fine Structure and Dynamics of Solar Filaments/Prominences - Su (ynsu@pmo.ac.cn), Reeves (kreeves@cfa.harvard.edu); HOP 289

- coordinate with **BBSO/NST**; schedule for **August 1st - 8th; 17:00 UT - 21:00 UT**
- **Reeves** to clarify required **EIS** studies
- scheduled during focused mode but active region filaments can be observed

6. SST-IRIS-Hinode campaign - Tarbell (tarbell@lmsal.com), De Pontieu (bdp@lmsal.com), van der Voort; HOP 236

- coordinate with **SST, La Palma**; schedule in period **September 3rd to October, 14th; 08:00 UT - 11:00 UT** each day
- discuss further details at next meeting if necessary

The continuing monthly observations are:

- **Synoptic SOT Irradiance Scans – Tarbell; CORE HOP 79**
- run on **16th July (N/S)** and **18th July (E/W)**
- **Polar Monitoring - Shimojo; CORE HOP 81**
- run **fast scans** on **9th July; S pole** and **11th July; N pole**
- **Multi-temperature Full Disk Slot Scans – Ugarte-Urra, Brooks, Warren; CORE HOP 130**
- run on **14th July**

e. Monthly Science Reports

- next Hinode monthly science report to be prepared by **Savage**, using **SOT Team** input, from **June, 2015**
- see http://hinode.msfc.nasa.gov/science_charts/ for template and previous charts

f. Date of Next Meeting

- next meeting: **23rd July, 2015** at **07:00 JST**; **22nd July, 2015** as appropriate in US/Europe

g. AOB

- there was no other business