

89th Hinode SSC Meeting on 19th June, 2014 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.

Problem reported with plan submission prior to a Focused Mode upload; possibly due to introduction of a new machine at ISAS; plan finally uploaded successfully; debugging investigation is continuing

SOT Team suggestion: during Focused Mode operations, change upload day from Saturday to ensure availability of key software expertise

XRT is nominal; Filter Wheel #1 is not used during Focused Mode operations.

Problem reported with pointing file preparation prior to a Focused Mode upload; issue was corrected and upload was completed.

XRT Team suggestion: during Focused Mode operations, change upload day from Saturday to ensure availability of key software expertise

EIS is nominal; so far no Focused Mode testing issues

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: Cirtain and Savage to consider modification to HOP guidelines and formulation of requests to HOP proposers regarding the productivity of their HOPs; Ongoing

- other actions have been closed

c. Review/Discussion of Open HOPs and ToOs

- during Focused Mode testing, beginning on **31 May**, HOPs **81** and **240** were run as planned
- no other HOPs/IHOPS were run during Focussed Mode operations

d. Review of New Proposals and Scheduling of Observations

1. SST-IRIS-Hinode campaign - Tarbell (tarbell@lmsc.com), De Pontieu, van der Voort; HOP-257

- coordinated campaign involving SST/La Palma, IRIS and Hinode
- optimum La Palma observing time: **08:00 UT** to **11:00 UT**
- IRIS and SST will perform flarewatch on most promising active region from **11:00 UT** to **17:00 UT** each day; Hinode invited to join with standard flarewatch programs
- agreed that HOP 257 be scheduled for the interval **August 30 – October 9, 2014**

ACTION: Tarbell to comment on use of La Palma data in current publications

DeLuca suggested that the outputs from this HOP be assembled as high level data products for community access; Tarbell agreed and said that some SOT data cubes co-aligned with IRIS data cubes will be produced; Doschek reported that the EIS/NRL team were investigating the packaging of EIS data sets for coordination with the HEK search engine and the enhancement of EIS/IRIS data co-alignment; SOT Team will further investigate HEK search engine coordination; XRT Team have almost completed preparation of a fully calibrated and aligned data set which could be aligned with IRIS data.

The continuing monthly observations are:

- **Temporal Evolution and Magnetic Polarity Reversal of the Sun's Polar Magnetic Patches – Suematsu (suematsu@solar.mtk.nal.ac.jp); HOP 240**
 - run on **1st July** (S-Pole movie) and **3rd July** (N-Pole movie)
 - run on **29th July** (S-Pole movie) and **31st July** (N-Pole movie)
- **Polar Monitoring - Shimojo; CORE HOP 81**
 - run on **8th July**; S pole and **10th July**; N pole; fast scans
- **Multi-temperature Full Disk Slot Scans – Ugarte-Urra, Brooks, Warren; CORE HOP 130**
 - run on **15th July**
- **Synoptic SOT Irradiance Scans – Tarbell; CORE HOP 79**
 - run on **22nd July** (N-S) and **24th July** (E-W)

e. Monthly Science Reports

- Reeves/XRT will provide the next Hinode coordinated science report by ~ **9th July**
- See http://hinode.msfc.nasa.gov/science_charts/ for template and previous charts

f. Date of Next Meeting

- next meeting: **24th July, 2014** at **07:00 JST**; **23rd July, 2014** as appropriate in US/Europe

g. AOB

- **DeLuca** reported that **Jeff Newmark** would like **NASA HQ** to receive information about **Hinode-related** papers when they are submitted and not simply after their acceptance for publication. **NASA HQ** should be kept informed on progress of papers through the refereeing process so as to avoid premature release of material
- **Tarbell** reminded the meeting of the recently circulated **IRIS** team invitation for the **Hinode** teams to submit requests for proposals for **HOPs** including **IRIS (IHOPs)** or reruns of existing **IHOP** observations in the **October/December** period. Responses should be to **Bart de Pontieu** (bdp@lmsal.com).
- **Savage** reminded the meeting that **US** groups should inform **NASA** on the number of their contract-supported staff that will be attending the **November LWS/Hinode-8 Workshop**