

88th Hinode SSC Meeting on 22nd May, 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 April status

XRT is nominal; recent small anomaly – probably due to SEU occurrence, has been corrected

EIS is nominal; new planning tool software has been implemented to enhance Focused Mode operation

Anomaly in the Japan-US data processing interface led to the loss of housekeeping (HK) and quick-look data for SOT and XRT for about a week. Probably due to an update in an ISAS software library. Non-availability of images caused difficulty during planning meetings. Data processing lines now operating normally. EIS experienced a similar effect for main data stream but did not lose HK.

Alternate access channel to HK data now included in SOT and XRT processing software.

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

Following the IRIS Team meeting on 12th December, there will be an announcement regarding the mechanisms for community collaboration with IRIS. Ongoing

Following the meeting, Tarbell circulated the link below for the IRIS Operations Page which includes links to future operations calendars:

<http://iris.lmsal.com/operations.html>

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 focussed mode testing, beginning on **31 May**, routine **HOPs 79 and 130 will not be scheduled. HOPs 81 and 240 will be scheduled.**

d. Review of New Proposals and Scheduling of Observations

Tarbell presented **two comments from the IRIS Team**

- reduced **Hinode** priority for **IHOPS** in eclipse season is understood, but it would be appreciated for **Hinode** to follow **IRIS** targets when possible

- **IRIS** planners may suggest targets to the COs for **3-7 day** observations during focused mode; when possible, **IRIS** could follow the **Hinode** target for up to **12 hr** each day

In a discussion of the upcoming Focused Mode operation during June, the **SSC** agreed that COs should select long-term – **3 to 7 day**, targets in the priority order:

- **Active Region**
- **Coronal Hole**
- **Filament/Prominence**

XRT team uncomfortable with more than three days on a Coronal Hole target. If high activity elsewhere on disc, **XRT** would run in CME watch mode

1. Spectroscopic Study of Magnetic Tornadoes - Gomory (gomory@ta3.sk); HOP-237

- re-run of this HOP was agreed at **87th SSC**; **EIS** line list modified and **SOT** limitations explained
 - HOP run partially in week of **17th May**; only two days observing possible due to other HOPs
 - requires further data but not compatible with Focused Mode
- agreed that **HOP 237** be scheduled for **7 – 10 days in July**

2. Flux Emergence – Schmieder (brigitte.schmieder@obspm.fr); HOP-132

- requested to run on **3rd, 4th, 5th and 6th June**; **08:00 UT to 11:00 UT** optimum window for **THEMIS** coordination; requires AR target
- first week of Focused Mode operation will have AR observation priority; selected AR will be communicated to **HOP 132** proposers

3. Jet Dynamics in the Solar Atmosphere – Scullion (scullie@tcd.ie), Doyle (jgd@arm.ac.uk)

- proposal not compatible with Focused Mode; **HOP not agreed**
- AR chosen by COs for **7th, 8th, 9th and 10th June** can be communicated to the proposers

The continuing monthly observations are:

- **Polar Monitoring - Shimojo; CORE HOP 81**
- run on **6th June**; **S pole** and **7th June**; **N pole**; fast scans
- **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)

e. Monthly Science Reports

- **Harra/EIS** will provide the next Hinode coordinated science report by ~ **11th June**
- See http://hinode.msfc.nasa.gov/science_charts/ for template and previous charts

f. Date of Next Meeting

- next meeting: **19th June, 2014** at **07:00 JST**; **18th June, 2014** as appropriate in US/Europe

g. AOB

- **Focused Mode Operations** plan for four weeks starting on **31st May** as presented in the **Savage/Shimizu-san** .ppt was agreed
- update to **Hinode-8/LWS** meeting session list was circulated
- US groups should inform **Savage** on the number of their contract-supported staff that will be attending the meeting