

82nd Hinode SSC Meeting on 21st November, 2013 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 from **October** status

XRT is nominal

EIS is nominal

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

- previous actions relating to **introduction of a one month lead-time from SSC approval to implementation of new HOPs and discussion of planning and upload timing details following reduction in operations effort** will be addressed during the Hinode SWG on **10th November**

Cirtain and Savage to work towards identifying risks and possible solutions for reduced operations to bring forth for discussion at the SWG. This action was completed.

Following SWG discussion of reduced operations:

ACTION: instrument teams to discuss internally the proposed options 1a and 1b and prepare to test these modes during the upcoming eclipse seasons – low mode in January during IRIS eclipse and again in June during the Hinode eclipse season.

Teams will present their comments and outcomes will be reviewed at the next SWG meeting.

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

- other actions have been closed

c. Review/Discussion of Open HOPs and ToOs

- routine HOPs (81, 130 and 79) are ongoing

HOP 239 is scheduled for 7th December

d. Review of New Proposals and Scheduling of Observations

1. EPO campaign observation mainly for high school students – Yaji (kentaro.yaji@nao.ac.jp); HOP 173

- campaign as previously
- observing interval: 16th to 21st December

2. Temporal Evolution and Magnetic Polarity Reversal of the Sun's Polar Magnetic Patches – Suematsu (suematsu@solar.mtk.nal.ac.jp); HOP 240

- in addition to observing at times of maximum solar β angle (Sept/Oct: N. Pole and March/April: S. Pole), programme has been given HOP status for polar observations each month
- observations of 6 hr duration will be made for each of the solar poles preferably in SAA-free periods
- in practice, this may require 2 days/month but should avoid conflict with e.g. major flare alerts

3. Coordinated Flare Observations between EIS and IRIS and including SOHO/CDS – Brosius (jeffrey.w.brosius@nasa.gov), Culhane (j.culhane@ucl.ac.uk); ToO HOP 241

- need to obtain broad spectral coverage observations of a large flare; good to achieve this before CDS operations are terminated in January, 2014
- observe flaring AR for ~ 3.75 hr each day during one week; see HOP text for detailed requirements
- XRT team would prefer lower cadence operation with larger FoV; Reeves to discuss with Brosius
- IRIS also interested in catching a big flare in the next few months, so will participate when possible.

4. Hinode observations for Comet ISON – McCauley (pmccauley@cfa.harvard.edu), Reeves (kreeves@cfa.harvard.edu) – HOP 242

- ISON's trajectory accessible to XRT for about 55 minutes around perihelion on 28th November; 18:12 UT to 19:07 UT.
- EIS unable to observe; coarse mirror cannot be used in case of damage to instrument alignments
- no request to SOT; agreed that XRT can access additional telemetry from SOT; XRT bakeout telemetry can be provided to SOT in exchange; details to be agreed by teams
- Reeves to communicate revised XRT bakeout dates to Shine

The continuing monthly observations are:

- **Polar Monitoring - Shimojo; CORE HOP 81**
- run on two days in the interval **6th to 9th December**; fast scan on both poles; **note: B = 0 occurs on 8th December**
- **Multi-temperature Full Disk Slot Scans – Ugarte-Urra, Brooks, Warren; CORE HOP 130**
- run on **26th November** and **17th December**
- **Synoptic SOT Irradiance Scans – Tarbell; CORE HOP 79**
- run on **25th December (N-S) and 27th December (E-W)**; dates flexible

e. Date of Next Meeting

- next meeting: **19th December, 2013 at 07:00 JST; 18th December, 2013** as appropriate in US/Europe

f. AOB

- **Savage** stated that **NASA HQ** requires monthly reports from each of the Hinode teams that describe from each team's perspective the coordinated observations that have been carried out by the Hinode mission with an outline of their purpose. The meeting agreed that, for the present, responsibility for these reports would be with:

SOT: Tarbell

XRT: Reeves

EIS: Harra

This activity will be rotated among individual team members