

125th Hinode SSC Meeting on 22nd June, 2017 at 07:00 JST

Short Summary, Conclusions and Actions

a. Program Status

1. Instrument Status Review

SOT operating without its Filtergraph (FG) camera following an electronic fault. Spectro-Polarimeter (SP) and Correlation Tracker (CT) are nominal.

XRT is nominal. Filter light-leak tests will be done during the Hinode eclipse season.

EIS is nominal. Bakeout will be done in August: week 1 or week 2. Observing will stop for 5 - 6 days to allow a new software upload to be verified.

2. Report on Changes to Instrument Telemetry Allocation

There are no further reports on telemetry allocation changes

3. FM Calendar

Hinode focused mode began on **23rd May, 2017** and will continue to **8th August** with a 1-week interruption to normal mode starting on **11th July**.

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

XRT, SOT and IRIS issues relating to HOP 338 were clarified. A new study has been submitted to the EIS team for validation.

c. Review/Discussion of Open HOPs and ToOs

- routine **HOPs 130, 79 and 81** were run as planned during **May**

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

1. Polar Plume Observations during the 2017, August 21st Total Solar Eclipse - Sterling (alphonse.sterling@nasa.gov), **Pasachoff** (jay.m.pasachoff@williams.edu), **Savage/SSC** (sabrina.savage@masa.gov); **HOP 339**

- observations of solar polar plumes in X-rays, to supplement ground-based white-light observations of the total solar eclipse of 2017 Aug 21.
- targets: X-ray polar plumes, and full-disk context synoptic images

- observe on eclipse day: **August 21st, 2017**; time window: within ~ 3 hr of ground-based totality
- see HOP list for instrument request (XRT, EIS, IRIS) details

2. EPO Campaign Observation mainly for High School Students - Yaji (kentaro.vaji@nao.ac.jp), Savage/SSC (sabrina.savage@masa.gov); HOP 173

- synoptic (full disk) solar and active region observations;
- dates: **31st July - 5th August, 9th - 12th August**; time window: **02:00 UT - 06:00 UT**
- **XRT** and **SOT** support requested

Savage will update the SOT support request and send new text to Watanabe

3. SST-IRIS-Hinode Campaign - Tarbell (tarbell@lmsal.com), Shine/SSC (shine@lmsal.com); HOP 323

- obtain very high cadence, high spatial resolution observations of the photosphere & chromosphere with SST to accompany the IRIS and Hinode spectra and images to study chromospheric heating in ARs and quiet sun and the origin of RBES/RREs/jets in quiet sun
- request for further running of this campaign
- dates: **2nd - 15th October**; time window: **07:45 UT - 11:00 UT** for optimum SST seeing; CHROMIS instrument now available at SST
- **Tarbell** will update the HOP details

NOTE: When an existing HOP is modified without a HOP number change, original material should be preserved to enable continuing work on previously acquired data

Continuing monthly observations are:

- **Polar Monitoring - Shimojo; CORE HOP 81**
- run on **4th July** (N pole fast); **6th July** (S pole fast); runs during focused mode
- **Synoptic SOT Irradiance Scans – Tarbell; CORE HOP 79**
- run on **13th July** (N/S only); runs during normal mode
- **Multi-temperature Full Disk Slot Scans – Ugarte-Urra, Brooks, Warren; CORE HOP 130**
- run on **11th July**; runs during normal mode

e. Monthly Science Reports

- next **Hinode** monthly science report will be prepared by the **XRT Team** by **9th August**
- see http://hinode.msfc.nasa.gov/science_charts/ for template and previous chart

f. Date of Next Meeting

- next meeting: **20th July, 2017** at **07:00 JST**; **19th July, 2017** as appropriate in US/Europe

g. AOB

There was no further information about the Senior Review.