

168th Hinode SSC Meeting on 14th January, 2020 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.

EIS is nominal.

2. Report on Changes to Instrument Telemetry Allocation

There are no further reports on telemetry allocation changes

3. FM Calendar

Hinode will operate in normal mode from 9th February. See calendar for February details

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.

Reeves to comment when results are available from the Nu Star coordination; ongoing
Resubmit HOP 79

Reeves and Warren to provide input to the planners for PSP coordination

Savage will check dates for upcoming sounding rocket flights; EUNIS launch now scheduled to no earlier than June; ongoing

c. Review/Discussion of Open HOPs and ToOs

- routine HOPs 79, 81 and 130 were run as planned during January; dates for these HOPs and for HOP 206, were agreed at the meeting for February
- revised HOP 79 was resubmitted, agreed and assigned a new HOP number – HOP 412
- observation timeline issues were resolved
- no update from NuSTAR observations
- no update on upcoming rocket launch dates
- need for further run of HOP 403
- meeting thanked Reeves and Warren for a successful PSP coordination

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

There was one new HOP proposal.

1. Synoptic SOT Latitudinal Scans (updated version of HOP79) – Egeland (egeland@ucar.edu), Centeno (rce@ucar.edu), DeRosa/SSC, Shine/SSC; HOP 411

- study how small-scale magnetic flux and solar irradiance varies over the sunspot cycle
- dates: once per month, as HOP79
- time window: once per month, as HOP79
- target: central meridian
- details of requested SOT, XRT and EIS observations are given in the HOP list; no request for IRIS
- observations made regardless of solar activity; this is **not** a quiet Sun HOP and it is acceptable to include active regions in the view fields
- update added to existing HOP 79 page to point to new HOP

Continuing monthly observations are:

- **Polar Monitoring - Shimojo; CORE HOP 81**
- run on **9th February** (N pole fast) and **11th February** (S pole fast)
- **Multi-temperature Full Disk Slot Scans – Ugarte-Urra, Brooks, Warren; CORE HOP 130**
- run on **9th and 23rd February**
- **Synoptic SOT Irradiance Scans – Egeland, Centeno; CORE HOP 412**
- run on **18th February**
- **Polar Panorama Map for Polar Reversal in Cycle 24 – Shimojo; HOP 206**
February dates are: 23rd, 25th, 28th
- **Cycle 25 Bright Points - Bryans , Centeno, Savage; HOP 336**
- run on every Monday throughout **January**
- **Cycle 24/25 Equatorial Transition - Egeland, Bryans, Centeno, Savage, Watanabe, De Pontieu; HOP 393**
- run on every Saturday throughout **January**

e. Monthly Science Reports

- next **Hinode** monthly science report will be prepared by the **EIS Team** by **15th January**
- **NOTE:** Science chart site access has been changed due to IT requirements; **Savage** has established a new Google drive site for template and previous chart
- provide one summary slide for Hinode team management at MSFC and two additional slides for NASA HQ

f. Date of Next Meeting

- next meeting: **18th February, 2020** at **07:00 JST**; **17th February, 2020** as appropriate in US/Europe

g. AOB

NASA Senior Review results: continued Hinode operation support now approved.

JAXA have approved Hinode operations extension

Katya Verner was introduced to the meeting as NASA HQ's Hinode Programme Scientist

Congratulations to Solar-C EUVST team for its success

On-going reminder: press-worthy Hinode highlights to be sent to **Savage** prior to publication