

145th Hinode SSC Meeting on 21st February, 2019 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 focus mode calendar has been updated. Upcoming sounding rocket launch dates are included.

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

Savage will circulate the list of programmes from the previous Senior Review submission before the next SSC meeting

c. Review/Discussion of Open HOPs and ToOs

- routine HOPs 79, 81 and 130 were run as planned during January; dates were agreed for March
- requests for support of continuing ALMA observations should be submitted to the next SSC
- NU-STAR support observations will remain on the calendar
- HOP 364 was run following the end of IRIS eclipse season in the week beginning 16th February
- HOP 336 will continue on a weekly schedule
- EUNIS launch date remains as 14th May but a slip is possible
- preparations for HOP 366 to support the next Parker Solar Probe perihelion for the interval 30th March to 10th April will be started shortly by Warren
- HOP 367 was not run as planned in the interval 29th January to 3rd February and should be rescheduled
- XRT will observe the solar eclipse on 2nd July at 16:55 UT; Reeves will specify the required EIS observation
- DeLuca will submit a HOP proposal for Hinode support of the AirSpec IR eclipse observations

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

1. Coordinated Observation with CLASP-2 Sounding Rocket - Okamoto

(joten.okamoto@nao.ac.jp), Rachmeler, Ishikawa, McKenzie, Savage/Watanabe/De Pontieu/SSC; HOP 368

- to make magnetic field measurement in the chromosphere
- request Hinode support similar to that provided for CLASP-1 (HOP 290)
- IRIS support also required; **Savage** to agree latest IRIS requests with **De Pontieu**
- **Okamoto** to agree appropriate observations with EIS team
- CLASP-2 launch scheduled for **1st April, 2019**; launch window: **17:05 - 17:45 UT**
- targets: plage as primary; quiet sun as secondary

2. Solar Jet Studies with Hinode, IRIS and Parker Solar Probe - Mulay (sargam@iucaa.in), Bucik (bucik@mpe.mpg.de) and ISSI Team, Culhane/Harra/SSC; HOP 369

- solar jet studies with Hinode, IRIS and Parker Solar Probe; study relationship of jets to solar wind
- dates: ToO for **27th and 28th March**; run for at least 2 hr prior to perihelion
- observations to run continuously for at least 2hr for **31st March to 8th April** during perihelion
- targets: on-disc or polar coronal hole and on-disc active region

3. Polar Panorama Map for Polar Reversal in Cycle 24 – Shimojo(shimojo@nro.nao.jp); HOP 206

- target will be South polar region; obtain data for South Pole
- schedule every three days during **February/March**; run **23rd and 26th February** and **1st, 4th, 7th, 10th, 13th, 16th, 20th and 19th March**

Continuing monthly observations are:

- **Polar Monitoring - Shimojo; CORE HOP 81**
- run on **5th March** (S pole deep) and **6th March** (N pole fast)
- **Synoptic SOT Irradiance Scans – Tarbell; CORE HOP 79**
- run on **14th March** (N/S only)
- **Multi-temperature Full Disk Slot Scans – Ugarte-Urra, Brooks, Warren; CORE HOP 130**
- run on **19th March**
- **Cycle 25 Bright Points - Bryans; HOP 336**
- run on every Monday when feasible

e. Monthly Science Reports

- next **Hinode** monthly science report will be prepared by the **SOT Team** for **8th March**; **Savage** will coordinate this report with **S. Tiwari**
- **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: **28th March, 2019** at **07:00 JST**; **27th March, 2019** as appropriate in US/Europe

g. AOB

Continuing difficulties with the Vidyo tool were reported; **Savage** will investigate these and seek a resolution.

Elrod reported that the process of planning and seeking approval for NASA-supported foreign travel has become significantly more complex; **Reeves** will seek to complete the process and report her experience to the SSC