165th Hinode SSC Meeting on 15th October, 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 is operating in normal mode from **July 7th.** Focused Mode will begin on **24th November**.

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 recent **Nu Star** coordination and to check with **Del Zanna** if **HOP 396** needs to be run again
Matthews to check the current status of **HOP 400** with PI
SOT team asked to give guidance on the number and specification of their maps to the **HOP 406** team
Savage will check dates for upcoming sounding rocket flights; especially EUNIS which has a possible date of **21st December**; action ongoing

c. Review/Discussion of Open HOPs and ToOs
- routine **HOPs 79, 81** and **130** were run as planned during **October;** dates for these HOPs were agreed at the meeting for **November**
- no outcome reported from recent **Nu Star** coordination; **Reeves** will comment when results available
- **HOP 344** will be run after IRIS eclipse season
- **HOP 399** has been delayed
- **HOP 406** was run successfully
- **Reeves** to check with **Del Zanna** if **HOP 396** needs to be run again; preliminary report suggests recent run was successful
- **HOP 400** target chosen for run on **24th October**; IRIS team agree
- EUNIS rocket may be launched on **3rd December**; **Savage** will monitor

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

There were two new HOP proposals.

1. Solar Orbiter/SPICE Observation Support with IRIS/EIS – Janvier (miho.janvier@ias.u-psud.fr), Matthews/SSC; Culhane/SSC; ToO HOP 407

- continuous and ToO observation support for SPICE observations prior to Solar Orbiter STP122 in November 2020
- targets: quiet sun on-disc; for ToO, active region or filaments
- dates: continuous observations to start on **8th November**; six consecutive days required to cover SPICE observation window
- for AR/ToO; start on **1st November** or whenever AR enters required FoV; maximum 13 days for limb-to-limb AR coverage depending on AR evolurion
- no request for SOT or XRT support
- for EIS; disc centre observations should have similar FoV to SPICE; operate in sit-and stare mode; higher cadence studies required for AR coverage
- detailed discussion required with EIS team (**Matthews**) to agree studies for both types of observation
- support request submitted to IRIS team **(De Pontieu**); detailed discussion also rerquired

2. Joint IRIS-Hinode Observations of On-disk Quiet Sun or Coronal Hole Jets – Sterling (alphonse.sterling@nasa.gov) Tiwari, Panesar, Savage/SSC, Watanabe/SSC, De Pontieu/SSC; ToO HOP 408

- obtain IRIS spectral observations of coronal jets visible in XRT X-ray images
- targets: quiet sun or on-disc coronal holes; preferably within 45 deg of disc centre
- dates: begin availability for observation in late November to coincide with **Tiwari's** next turn as SOT CO; date to be confirmed by **Savage** who will also confirm observation time duration with **Sterling**
- short interruptions acceptable though not optimal; interruption effects to be tested in eclipse season
- SPICE-related observations have priority during their window
- requests for SOT and XRT support are given in HOP list; sit-and-stare EIS observations are optional
- requests for IRIS support have been forwarded to the IRIS team

Continuing monthly observations are:

- **Polar Monitoring - Shimojo; CORE HOP 81**
- run on **3rd November (**N pole fast**)** and **5th November (**S pole fast**)**

- **Multi-temperature Full Disk Slot Scans – Ugarte-Urra, Brooks, Warren; CORE HOP 130**
- run on **10th Noveber**

- **Synoptic SOT Irradiance Scans – Tarbell; CORE HOP 79**
- run on **12th November (**N/S only**)**

- **Cycle 25 Bright Points - Bryans , Centeno, Savage; HOP 336**
- run on every Monday throughout **November**

- **Cycle 24/25 Equatorial Tranisition - Egeland, Bryans, Centeno, Savage, Watanabe, De Pontieu; HOP 393**
- run on every Saturday throughout **November**

e. Monthly Science Reports

- next **Hinode** monthly science report will be prepared by the **XRT Team** by **17th October**
- **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: **19th November, 2020** at **07:00 JST**; **18th November, 2020** as appropriate in US/Europe

g. AOB

NASA Senior Review results expected in **November;** ESA extension request was successful.
Shimojo-san sent a HOP 173 update to SSC members.
Savage requested press-worthy Hinode highlights to be sent prior to publication; particularly items for presentation at the AGU
Note that Daylight Savings Time will end in the USA prior to the next SSC meeting.