

144th Hinode SSC Meeting on 24th January, 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.

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

Mckenzie confirmed **May 14th** as the new **EUNIS** launch date

Savage stated that the list of programmes from the previous Senior Review submission would now be circulated following the end of the partial government closure

c. Review/Discussion of Open HOPs and ToOs

- routine **HOPs 79, 81 and 130** were run as planned during **December**
- **NU-STAR** completed an observation with **Hinode** and the **VLA**; good data obtained
- **HOP 364** will be run following **IRIS** eclipse season end in **February**; **De Pontieu** to confirm date
- agreed post-meeting to be run during week of **17th February**
- **HOP 366** will continue on a weekly schedule; **Watanabe** will update the monthly events list

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

1. Long Period Pulsations of Plasma Velocity and Density in Loops - Pelouze

(gabriel.pelouze@ias.u-psud.fr), Auchere, Bocchialini, Parenti, Culhane/Harra/SSC; ToO HOP 367

- to detect and characterise plasma downflows in loop footpoints that are associated with long-period intensity pulsations of ~ 3 - 16 hours
- observations to be made with **EIS**
- target suitable active region and track it for most of its lifetime but for at least 2 days continuously during CM passage; prefer 6 days. Observe for ~ 10 hr/day.
- run study 571 (ar_vel_fast_scan); obtain raster every 40 min
- use spectra to characterise variations of plasma velocity, temperature and density
- run on suitable AR; observing window to start in focussed mode on **29th January**

Continuing monthly observations are:

- **Polar Monitoring - Shimojo; CORE HOP 81**
- run on **7th February** (N pole fast) and **9th February** (S pole fast)
- **Synoptic SOT Irradiance Scans – Tarbell; CORE HOP 79**
- run on **14th February** (N/S only)
- **Multi-temperature Full Disk Slot Scans – Ugarte-Urra, Brooks, Warren; CORE HOP 130**
- run on **2nd and 26th February**
- **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 February
- **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: **21st February, 2019** at **07:00 JST**; **20th February, 2019** as appropriate in US/Europe

g. AOB

Savage reported that she and **Elrod** will monitor operations and address critical issues only until the US Government partial shutdown has ended.