

153rd Hinode SSC Meeting on 24th October, 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 and notable campaign 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

On-going action for **Savage** to inform COs how NuStar and Alma requests should be handled

Savage will check the EUNIS launch date; confirmed as **November 13th** after meeting

c. Review/Discussion of Open HOPs and ToOs

- routine **HOPs 79, 81 and 130** were run as planned during **October**; dates were agreed for **November**
- **HOP 344** (EIS/IRIS scans) was run in **September**; EIS data are good, IRIS data are good; **Savage** will establish the next run date for this HOP
- **Savage** confirmed a good outcome for the **HOP 385** run but has not yet had any input regarding the BITSE balloon observations; following the meeting it was stated that satisfactory BITSE coordination had been achieved
- **XRT** support of **HOP 388** (Mercury transit) was clarified; no issue with requested data rate

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

1. Bring out One Astronomical Unit from the Mercury Transit on November 11, 2019 for Teaching Materials - Yaji (kentaro.yaji@gmail.com), Shibasaki/SSC; HOP 389

- observe Mercury as it transits the Sun on **11th November, 2019** to enable calculation of the AU
- time window: at least 80-120 min between 2nd contact and 3rd contact(12:35-18:04 UT)
- XRT request: some full-disc reference images during transit; partial frame images obtained continuously for at least 80-120min
- at least one cycle data (peak-to-peak) of parallax of mercury shadow positions fluctuating on the solar disc when Hinode is orbiting around the earth
- time cadence: every 30s if possible or 60s .

Continuing monthly observations are:

- **Polar Monitoring - Shimojo; CORE HOP 81**
- run on **5th November (N pole fast)** and **7th November (S pole fast)**
- **Synoptic SOT Irradiance Scans – Tarbell; CORE HOP 79**
- run on **21st November (N/S only)**
- **Multi-temperature Full Disk Slot Scans – Ugarte-Urra, Brooks, Warren; CORE HOP 130**
- run on **19th November**
- **Cycle 25 Bright Points - Bryans , Centeno, Savage; HOP 336**
- run on every Monday throughout **November**

e. Monthly Science Reports

- next **Hinode** monthly science report will be prepared by the **SOT Team** by **11th November**
- **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 November, 2019** at **07:00 JST**; **20th November, 2019** as appropriate in US/Europe

g. AOB

There was no other business