

172nd Hinode SSC Meeting on 20th May, 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.

No issues with the new arrangement for periods when telemetry useage is unusually high have been reported.

3. FM Calendar

The next FM period will begin on **25th May**.

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 coordinate SO and PSP HOPs with NuStar; arrange VLA co-ordination; specify **HOP 409/410** pointing; ask PSP team for connectivity predictions

DeRosa to advise Hofmeister on **HOP 415/416** planning; suggest that he ignore SAA windows and filter out data from SAA transits; tell him how best to synchronize his HOP planning with the overall Hinode planning process

c. Review/Discussion of Open HOPs and ToOs

- routine **HOPs 412** (previously **79**), **81** and **130** were run as planned during **May**; dates for these HOPs were agreed at the meeting for **June**; **HOP 130** shifted to focus mode vacation slots
- **Reeves** reported a successful coordination with NuStar; several flares including one M-class were well observed
- future **HOP 415/416** observations will require more explicit coordination
- **HOP 395** was run successfully
- further **HOP 411** observations should be delayed until after the focus mode interval

- EUNIS rocket was launched successfully; good data were obtained
- CLASP rocket launch has been moved to **5th October**
- MaGIXS rocket launch is scheduled for **30th July**

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

One new HOP proposal was submitted

1. Joint GREGOR – Solar Orbiter/STIX Observations of Solar Flares - Andrea Francesco Battaglia (andrea-battaglia@ethz.ch), Elena Podladchikova, Säm Krucker, Savage/SSC, Watanabe/SSC, De Pontieu/SSC; HOP 418

- investigate energetics and effects of precipitating electrons from the corona to the lower solar atmosphere during solar flares
- request coordinated observations by IRIS and Hinode during joint campaign between GREGOR and STIX onboard Solar Orbiter
- dates: ToO programme **24th May** to **4th June** to observe flares with GREGOR and SO/STIX
- time window: GREGOR observes 08:00 UT to 11:00 UT; best seeing: 08:00 UT to 10:00 UT
- targets: flares occurring in active regions; overlap with SO is towards the east limb
- SOT, EIS, XRT and IRIS requests are given in the HOP list
- SOT and EIS requests are acceptable
- for XRT request, **Reeves** will request more detail of the required observations from the proposers
- IRIS will support observations of selected ARs but some of the currently agreed IRIS observations will take priority
- post meeting, **Savage** circulated available IRIS support times/dates to the Hinode teams
- **Savage** will also inform proposers how to coordinate with Hinode during focus mode and will give dates/times by which targets should be specified

Continuing monthly observations are:

- **Polar Monitoring - Shimojo; CORE HOP 81**
- run on **4th June** (N pole fast) and **6th June** (S pole fast)
- **Multi-temperature Full Disk Slot Scans – Ugarte-Urra, Brooks, Warren; CORE HOP 130**
- run on **15th June**
- **Synoptic SOT Irradiance Scans – Egeland, Centeno; CORE HOP 412**
- run on **27th June** (N/S only)
- **Cycle 25 Bright Points - Bryans , Centeno, Savage; HOP 336**
- run on every Monday throughout **June**
- **Cycle 24/25 Equatorial Transition - Egeland, Bryans, Centeno, Savage, Watanabe, De Pontieu; HOP 393**
- run on every Saturday throughout **June**

e. Monthly Science Reports

- next **Hinode** monthly science report will be prepared by the **XRT Team** by **15th July**
- **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: **17th June 2020** at **07:00 JST**; **16th June, 2020** as appropriate in US/Europe

g. AOB

MSFC process of hiring a term civil service employee to help with Hinode duties in the next few months is almost complete

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