

157th Hinode SSC Meeting on 20th February, 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 focus mode change has been made and is on-line.

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

De Rosa to check the **HOP 393** observation schedule.

Details of the **HOP 344** EIS/IRIS scans need to be coordinated with **De Pontieu**

c. Review/Discussion of Open HOPs and ToOs

- routine **HOPs 79, 81** and **130** were run as planned during **February**; dates for these HOPs and for **HOP 206** were agreed at the meeting for **March**
- launch dates for upcoming sounding rocket flights were communicated; EUNIS: **24th/25th April**; MaGIXS: **12th May** (tentative); EVE: **25th August**
- **Savage** will submit a HOP for Hinode support of MaGIXS to next SSC meeting
- the next PSP encounter will be in about 6 months; following some confusion during the recent encounter, **Warren** will clarify the Hinode pointing selection procedure for the next encounter
- post-meeting, encounter timing stated as: **01-Jun-2020 12:44 - 13-Jun-2020 03:57**

Future encounters are listed at:

<https://eur01.safelinks.protection.outlook.com/?url=http%3A%2F%2Fparkersolarprobe.jhuapl.edu%2FTheMission%2Findex.php%23Timeline&data=02%7C01%7C%7Cd71fef8e96eb4dcf8dde08d7b63daf7b%7C1faf88fea9984c5b93c9210a11d9a5c2%7C0%7C0%7C637178248369545316&data=f08g69MS2WXqI4EP72a2yfMyfOhtVMxqIM3AY4KoYHU%3D&reserved=0>

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

There were two new HOP proposals.

1. DKIST/ViSP Science Verification Support – de Wijn (dwijn@ucar.edu), Casini, DeRosa/SSC, Shine/SSC; HOP 395

- provide supporting observations for the science verification of DKIST/ViSP
- dates: TBD due to uncertain DKIST schedule during its development; late **March**/early **April**
- time window: 18:00 to 24:00 UTC (08:00 - 14:00 Hawaii local time)
- targets: Max Millennium target or disk center in case of no activity
- SOT request: normal maps, approx. 82"x82", repeating as telemetry allows
- no XRT, EIS or IRIS requests; coordination with DKIST/ViSP

2. Collaboration with Chandrayan-2 X-ray Solar Monitor (XSM) – DeLuca (edeluca@cfa.harvard.edu), DeLuca/SSC, Reeves/SSC; ToO HOP 396

- undertake joint observations of Active Region Microflares
- dates: ToO during late **March**/early **April**
- time window: duration ~ 4 hr, brief interruptions acceptable
- targets: active region, emerging flux region
- XRT request: Al_poly & Be_thin filters with appropriate AEC so that the micro-flares don't saturate;. 512x512 full resolution FOV; Cadence ~60s
- no SOT or EIS requests; coordination with Chandrayan-2 X-ray Solar Monitor (XSM)

Continuing monthly observations are:

- **Polar Monitoring - Shimojo; CORE HOP 81**
- run on **6th March (S pole deep)** and **7th March (N pole fast)**
- **Synoptic SOT Irradiance Scans – Tarbell; CORE HOP 79**
- run on **19th March (N/S only)**
- **Multi-temperature Full Disk Slot Scans – Ugarte-Urra, Brooks, Warren; CORE HOP 130**
- run on **3rd and 24th March**
- **Cycle 25 Bright Points - Bryans , Centeno, Savage; HOP 336**
- run on every Monday throughout **March**
- **Cycle 24/25 Equatorial Transition - Egeland, Bryans, Centeno, Savage, Watanabe, De Pontieu; HOP 393**
- run on every Saturday throughout **March**

e. Monthly Science Reports

- next **Hinode** monthly science report will be prepared by the **EIS Team** by end of **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: **26th March, 2020** at **07:00 JST**; **25th March, 2020** as appropriate in US/Europe

g. AOB

Senior Review preparation is still in progress