

197th Hinode SSC Meeting on 22nd June, 2023 at 07:00 JST

Short Summary, Conclusions and Actions

a. Program Status

1. Instrument Status Review

SOT is 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

Currently in Focused Mode.

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. Action Items.

Warren will confirm dates for next PSP encounter

HOP 468 Team will send details of finally agreed IRIS observations to **Watanabe**

Matthews to inform Savage of EIS study details for HOP 468

c. Review/Discussion of Open HOPs and ToOs

- next PSP encounter will be from 22nd September to 3rd October; **Warren** will confirm dates
- PSP orbit will progress towards the back side of the Sun; observe one limb
- HOP 466 will be run once per day
- targets for HOP 461 should be agreed

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

New HOPs

STEREO/SECCHI High Telemetry Campaign: Active Region Observations – Kucera (therese.a.kucera@nasa.gov), Vourlidas (angelos.vourlidas@ihuapl.edu), Savage/SSC, Watanabe/SSC, De Pontieu/SSC, DeRosa/Shine/SSC, DeLuca/Reeves/SSC, Warren/Ugarte-Urra/SSC – HOP 467

- determine the three dimensional structure of complex active regions and how they are connected and the solar wind
- SOT request looks good; may not obtain data close to limb
- EIS request looks good; XRT request looks good
- IRIS request looks good; support details to be decided on a day-to-day basis; run IRIS support as agreed

Emerging Active Regions and their Multifaceted Interactions with the Magnetic Environment - Ferrente (fabiana.ferrente@inaf.it), Guglielmino (salvatore.guglielmino@inaf.it), Savage/SSC, Watanabe/SSC, De Pontieu/SSC, Okamoto/SSC, DeLuca/Reeves/SSC – HOP 468

- emerging active regions and their multifaceted interactions with the magnetic environment
- targets: emerging ARs within + or – 60 deg of central meridian
- SOT team wish to know what is the required field of view
- EIS team can add an additional study; **Matthews** will inform **Savage**
- XRT request will be TLM intensive
- proposers have contacted the IRIS team; they have replied that that they will give HOP 468 team priority over other coordinations and will send details of finally agreed IRIS observations to **Watanabe**
- observation dates: 31st July – 9th August; time: 07:00 to 10:00 UT
- coordination with GREGOR which will observe from 07:30 UT to 12:00

EPO Campaign Observation mainly for High School Students – Yaji (kentaro.yaji@gmail.com), Shimojo/SSC – HOP 173/rerun

- high school students who are observing the sun will compare Hinode data with their own observation data
- HOP has been run previously 23 times
- SOT request looks good
- XRT request looks good
- no IRIS observation requested

HOP 420 will be rerun from 14th to 20th October

Solar Orbiter campaign will be run in October/November; no conflicts reported

Continuing monthly observations are:

- **Polar Monitoring - Shimojo; CORE HOP 81**
run on and 4th July (N pole fast) and 6th July (S pole fast)
- **Multi-temperature Full Disk Slot Scans – Ugarte-Urra, Brooks, Warren; CORE HOP 130**
- run on 18th July (during vacation from focused mode)

- **Synoptic SOT Irradiance Scans – Egeland, Centeno; CORE HOP 412**
- run on **22nd July** (during vacation from focused mode)

- **Cycle 24/25 Equatorial Transition - Egeland, Bryans, Centeno, Savage, Watanabe, De Pontieu; HOP 393, 1st, 8th, 15th, 22nd and 29th July** (every Saturday)

Adjustments may be necessary due to SO HOPs

Monthly Science Reports

- EIS Team **Hinode** monthly science report has been submitted
- **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: **20th July, 2022 at 07:00 JST and 19th July** as appropriate in US/Europe

g. AOB

On-going reminder: press-worthy Hinode highlights to be sent to **Savage** prior to publication.
NASA Senior Review response has been delayed to late summer.