

187th Hinode SSC Meeting on 18th August, 2022 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.

Focused Mode calendar will be circulated.

Actions completed for **HOP 439** and **HOP 344** timelines.

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 usage is unusually high have been reported.

3. FM Calendar

Currently in Normal 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.

HOP 440 team to comment on recent run

Reeves to check if **HOP 401** observations clash with **HOP 409**.

IRIS team to check **HOP 441** details and report to **Savage**

c. Review/Discussion of Open HOPs and ToOs

- **Shine** has scheduled monthly HOPs
- following problems with recent and upcoming HOPs, the recent HOP sheet was updated for the period **29th August – 3rd September**
- **HOP 440** was run earlier this week; team are asked to comment on outcome

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

Understanding the Correlation between Solar Abundances and F10.7 Radio Emission using JVLA during Increasing Solar Activity – To (shu.to.18@ucl.ac.uk) , Bastian, Long, Baker, van Driel-Gesztelyi, Brooks, Matthews/SSC, Culhane/SSC; HOP 441

- understanding the spatial correlation between Solar Abundances and F10.7 Radio Emission using JVLA during Increasing Solar Activity
- run as ToO in interval **14th August – 26th September**
- SOT, XRT and EIS teams are happy with the observation requests; SOT prefers avoidance of conflict with HOP 81
- IRIS team need to check details and report to **Savage**: what are the JVLA running times; are there conflicts with other IRIS coordinated observations; may suggest an alternative IRIS programme

In addition two HOP proposals were submitted for coordinated observations with Solar Orbiter

Solar Orbiter Coordinated Observations of Long-term monitoring of an AR – Valori (valori@mps.mpg.de), Parenti, Orozco Suárez, Strecker, Hirzberger, Lagg, Buchlin, Janvier, SO/PHI team, DeRosa/SSC, Shine/SSC

- Solar Orbiter coordinated observations of long-term monitoring of an AR

Stereoscopic Monitoring of Active Regions Evolution in Coordination with Solar Orbiter – Parenti (susanna.parenti@ias.u-psud.fr), Valori, Orozco Suárez, Strecker, Hirzberger, Lagg, Buchlin, Janvier, SO/PHI team, DeRosa/SSC, Shine/SSC

- Stereoscopic monitoring of Active Regions evolution in coordination with Solar Orbiter

Discussion of planning for joint SO, Hinode and IRIS observations followed.

IRIS/DePontieu requests broader discussion of SO collaboration. Given other commitments, IRIS can not only respond to SO requests. Team is currently waiting for SPICE planning input and will respond following receipt of both planning spreadsheets. IRIS team would prefer not to have repeated runs of the same HOP. In summary, team will take requests from SO but can't guarantee a complete response. Team would like updates whenever SO changes its planning spreadsheets.

EIS team would like a similar process to that outlined by IRIS team. Good to have a spreadsheet that includes EUI and EIS plans.

XRT team happy to follow the above suggestions.

Teams are working on spreadsheet design.

Following further information exchange, agree above HOPs at **October** meeting.

Reeves reminded the meeting that the HOP 409 duration (**1st – 7th September**) was extended to **11th September** to coordinate with Solar Probe. XRT bakeout should be moved one week later.

Reeves to check if HOP 401 observations clash with HOP 409.

Continuing monthly observations are:

- **Polar Monitoring - Shimojo; CORE HOP 81**
- run on **7th September** (N pole deep) and **8th September** (S pole fast)
- **North Polar Panorama Map – Shimojo; HOP 206**
September dates are: **3rd, 6th, 9th, 12th, 15th, 18th and 21st**

- **Multi-temperature Full Disk Slot Scans – Ugarte-Urra, Brooks, Warren; CORE HOP 130**
- run on **13th September**

- **Synoptic SOT Irradiance Scans – Egeland, Centeno; CORE HOP 412**
- run on **22nd September**

- **Cycle 25 Bright Points - Bryans , Centeno, Savage; HOP 336**
- run on **5th September** (last run)

- **Cycle 24/25 Equatorial Transition - Egeland, Bryans, Centeno, Savage, Watanabe, De Pontieu; HOP 393**
- run every Saturday; **3rd, 10th, 17th and 24th September**

Monthly Science Reports

- next **Hinode** monthly science report will be prepared by the **EIS Team** by **14th October**
- **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: **15th September, 2022** at **07:00 JST**; **14th September, 2022** as appropriate in US/Europe

g. AOB

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