200th Hinode SSC Meeting on 21st September 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 inode

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.

Savage will contact **Parenti** to confim that proposal #5 is identical to HOP 460
Savage will ask **Parenti** for more details and clarification of proposal #6 and will ask for resubmission
Savage will circulate all the submitted HOPs

c. Review/Discussion of Open HOPs and ToOs

- HOP 304 has recently ben run
- HOP 206 has almost been completed
- HOP 466 has been run for approx 10 days and is now completed
- HOP 173 and HOP 420 have both been completed
- HOP 463 is ongoing
- Parker Solar Probe observations will start at the upcoming weekend
- HOP 444 will run from 10:30 UT to 13:00 UT but from 25th to 30th Septsmber runs will only be in the morning and not after 12:00 UT

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

New Submitted HOPs

The HOPs that were submitted to the previous meeting for collaborative observatios with Solar Orbiter were discussed

HOP 460 [SOOP: Nanoflares] – Parenti (susanna.parenti@universite-paris-saclay.fr), #1
- nanoflares: AR observations in Quadrature with Solar Orbiter

HOP 442 Solar Orbiter Coordinated Observations of Long-term Monitoring of an AR [SOOP: AR-Long-Term] – Valori (valori@mps.mpg.de) #2
- coordinated observations for the long-term evolution of an AR

HOP 470 Highest Latitude Solar Orbiter Polar Observations Coordinated with Hinode [SOOP: R_SMALL_HRES_MCAD_Polar-Observations] – Strecker (strecker@iaa.es), #3
- obtain coordinated observations of the solar north pole between SO/PHI-HRT and Hinode/SP while SO reaches the highest latitude of the orbit
- combined with a HOP submitted by Blanco **(julian.blanco@uv.es**)

HOP 471 Stereoscopic Observation of a Sunspot with Solar Orbiter Investigating Waves and Flows [SOOP: Atmospheric Dynamics Structure] – Calchetti (calchetti@mps.mpg.de) , Solar Orbiter Team. #4
- study flows and waves in and around ARs from two vantage points

HOP 472 Sources of Fast Solar Wind [SOOP: Fast Wind] – James (alexander.james@ucl.ac.uk), Yardley, Buchlin, Franci. #5
- investigate sources of the fast solar wind in a coronal hole, such as EUV bright points and jets

HOP 460 [SOOP: Earth Quadrature] – Parenti (susanna.parenti@universite-paris-saclay.fr), #5
- AR observations in Quadrature with Solar Orbiter
- **Savage** will contact **Parenti** to confirm that proposal is identical to HOP 460

There was also another request from **Parenti**

[SOOP: none] High Cadence AR with Solar Orbiter - susanna.parenti@universite-paris-saclay.fr, #6
- AR Flares/dynamics with Solar Orbiter
- **Savage** will ask Parenti for more details and clarification and will ask for resubmission

Savage will circulate all the submitted HOPs

A HOP will be submitted by a student to the next meeting. **Okamoto** and **Watanabe** will assist

Continuing monthly observations are:

- **Polar Monitoring - Shimojo; CORE HOP 81**
  run on **10th October (**S pole fast**)** and **12th October (**N pole fast**)**

- **Multi-temperature Full Disk Slot Scans – Ugarte-Urra, Brooks, Warren; CORE HOP 130**
- run on **3rd and 24th October (**following the 3 week cadence**)**

- **Synoptic SOT Irradiance Scans – Egeland, Centeno; CORE HOP 412**
- run on **19th October**

- **Cycle 24/25 Equatorial Transition - Egeland, Bryans, Centeno, Savage, Watanabe, De Pontieu; HOP 393, 7th, 14th, 21st** and **28th October** (every Saturday)

Monthly Science Reports

- next **Hinode** monthly science report will be prepared by the **XRT** Team for **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**: 19th October 2023,** at **07:00 JST** and **18th October** 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 distributed. Assessment is good.