

## 179<sup>th</sup> Hinode SSC Meeting on 16<sup>th</sup> December, 2021 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; new twilight season was discussed; new X-ray twilight season for XRT started in early **December**; it appears when observation is passing over the north pole; duration 7 – 8 minutes; no indication yet of how long it will continue.

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 usage is unusually high have been reported.

##### 3. FM Calendar

Currently in Normal Mode.

The upcoming Focused Mode (FM)/Holiday period will begin on **21<sup>st</sup> December**.

The FM calendar is available at <https://hinode.msfc.nasa.gov/status.html>.

##### 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 agreed to check if any NuSTAR data were obtained during PSP coordination

**HOP 428** was run on **5<sup>th</sup> – 7<sup>th</sup> November**; data will be assessed

Matthews agreed to check if Hara had any eclipse observation requests; reported his need to run **HOP 394** after the meeting

#### c. Review/Discussion of Open HOPs and ToOs

- **HOP 428** will be run in the future with a range of exposure times; no next run date currently planned

- **HOP 130** and **HOP 412** will be run during Focussed Mode/vacation; which uploads to be used is being discussed
- information on NuSTAR data obtained during PSP coordination is still awaited
- **HOP 386** was run in the interval **3<sup>rd</sup> – 6<sup>th</sup> November**
- **HOP 411** was run and one week of good data was obtained at the end of **October**; remove from request list for now and restore when requested
- next PSP perhelion will be front-side on **20<sup>th</sup> February – 2<sup>nd</sup> March**
- **Matthews** circulated a list of Solar Orbiter targets and their running intervals between **20<sup>th</sup> January** and **4<sup>th</sup> April**; testing is in progress for “grab and go” HOPs; following completion, HOPs for the various targets will be submitted to the **January SSC** following discussion with SOT, XRT and IRIS teams
- **DeRosa** needs to discuss calibration issues related to **HOP 423** with the Solar Orbiter/PHI team; these should be completed before the **January SSC** meeting
- **Savage** will discuss the assessment of data quality from the recent eclipse observations with **Reeves**

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

No new HOP proposals were submitted

Continuing monthly observations are:

- **Polar Monitoring - Shimojo; CORE HOP 81**
- run on **4<sup>th</sup> January** (N pole fast) and **6<sup>th</sup> January** (S pole fast)
- **Multi-temperature Full Disk Slot Scans – Ugarte-Urra, Brooks, Warren; CORE HOP 130**
- run on **11<sup>th</sup> January**
- **Synoptic SOT Irradiance Scans – Egeland, Centeno; CORE HOP 412**
- run on **13<sup>th</sup> January**
- **Cycle 25 Bright Points - Bryans , Centeno, Savage; HOP 336**
- run every Monday; **3<sup>rd</sup>, 10<sup>th</sup>, 17<sup>th</sup> and 24<sup>th</sup> January**
- **Cycle 24/25 Equatorial Transition - Egeland, Bryans, Centeno, Savage, Watanabe, De Pontieu; HOP 393**
- run every Saturday; **1<sup>st</sup>, 8<sup>th</sup>, 15<sup>th</sup>, 22<sup>nd</sup> and 29<sup>th</sup> January**

#### **Monthly Science Reports**

- next **Hinode** monthly science report will be prepared by the **EIS Team** by **14<sup>th</sup> 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: **20<sup>th</sup> January, 2022** at **07:00 JST**; **19<sup>th</sup> January, 2022** as appropriate in US/Europe

**g. AOB**

On-going reminder: press-worthy Hinode highlights to be sent to **Savage** prior to publication.  
**Savage** wished the SSC members Happy Holidays