

## 178<sup>th</sup> Hinode SSC Meeting on 18<sup>th</sup> November, 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.

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) period will begin on **23<sup>rd</sup> November**.

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.

**Matthews** will submit a **HOP (#428)** for EIS/IRIS observations that will provide timeline details for SO/PSP coordination

**Reeves** will confirm NuSTAR/PSP coordination dates for **November**

**Reeves** will monitor the running of **HOP 409** or **HOP 410** from **16<sup>th</sup>** to **22<sup>nd</sup> November** in support of PSP perihelion; HOP selection will depend on state of sun; PSP coordination may be extended to **26<sup>th</sup>**

**November** pending a suitable limb AR;

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

- **HOP 411** run started on **20<sup>th</sup> October**; data are being analysed
- NuSTAR data may have been obtained during PSP coordination; **Reeves** will check
- **HOP 386** was run in the interval **3<sup>rd</sup> – 6<sup>th</sup> November**
- **HOP 396** was run in the interval **18<sup>th</sup> – 19<sup>th</sup> October**; leave on ToO list for Spring 2021 availability
- **HOP 409/410** is currently running; no suitable AR available so HOP 410 in use
- **HOP 428** was run on **5<sup>th</sup> – 7<sup>th</sup> November**; data to be assessed
- next PSP perhelion will be front-side on **25<sup>th</sup> February**

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

One new HOP proposal was submitted

#### 1. EIS Observations in Support of the 2021 ASPIRE Eclipse Mission – Madsen

([cmadsen@cfa.harvard.edu](mailto:cmadsen@cfa.harvard.edu)) Warren/SSC, Ugarte-Urra/SSC

- obtain EIS Spectra above the East and West limb before and after the eclipse in coordination with the ASPIRE mission
- run on the eclipse day: **4<sup>th</sup> December**
- prior to the meeting, **Reeves** learned from **Madsen** that the ASPIRE flight had been cancelled
- HOP request was therefore withdrawn

The possibility of other Hinode eclipse observations was discussed

- **Reeves** stated that XRT would do a movie observation for the second eclipse transit
- **Matthews** agreed to check if **Hara** had any eclipse observation requests
- following the meeting **Matthews** reported that **Hara** wished to run **HOP 394** during the first and third transits

Continuing monthly observations are:

- **Polar Monitoring - Shimojo; CORE HOP 81**
- run on **7<sup>th</sup> December** (N pole fast) and **9<sup>th</sup> December** (S pole fast)
- **Multi-temperature Full Disk Slot Scans – Ugarte-Urra, Brooks, Warren; CORE HOP 130**
- run on **14<sup>th</sup> December**
- **Synoptic SOT Irradiance Scans – Egeland, Centeno; CORE HOP 412**
- run on **16<sup>th</sup> December**
- **Cycle 25 Bright Points - Bryans , Centeno, Savage; HOP 336**
- run every Monday; **6<sup>th</sup>, 13<sup>th</sup>, 20<sup>th</sup> and 27<sup>th</sup> December**
- **Cycle 24/25 Equatorial Transition - Egeland, Bryans, Centeno, Savage, Watanabe, De Pontieu; HOP 393**
- run every Saturday; **4<sup>th</sup>, 11<sup>th</sup>, 18<sup>th</sup> and 25<sup>th</sup> December**

### **Monthly Science Reports**

- next **Hinode** monthly science report will be prepared by the **XRT Team** by **17<sup>th</sup> December**
- **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: **16<sup>th</sup> December, 2021** at **07:00 JST**; **15<sup>th</sup> December, 2021** as appropriate in US/Europe

### **g. AOB**

On-going reminder: press-worthy Hinode highlights to be sent to **Savage** prior to publication.  
The SSC congratulated the organisers of the 14<sup>th</sup> Hinode meeting on an outstanding achievement.  
**Ugarte-Urra** will circulate a meeting report.