

# 164<sup>th</sup> Hinode SSC Meeting on 17<sup>th</sup> September, 2020 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

#### 3. FM Calendar

Hinode is operating in normal mode from **July 7<sup>th</sup>**. Focused Mode calendar was updated.

#### 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.

Possible overlaps of other HOPs with August runs of HOP 206 were checked by **Shine Savage** will check dates for upcoming sounding rocket flights; especially EUNIS which has a possible date of **21<sup>st</sup> December**; action ongoing

**De Pontieu** to send an IRIS programme to the **HOP 405** proposer; completed

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

- routine **HOPs 79, 81 and 130** were run as planned during **September**; dates for these HOPs were agreed at the meeting for **October**
- no outcome reported from recent **Nu Star** coordination; **Reeves** will comment when results available
- PSP far-side encounter will begin on **21<sup>st</sup> September**; XRT will observe west limb on **25<sup>th</sup>/26<sup>th</sup>**
- **HOP 403** was run on **September 9<sup>th</sup>**
- **Reeves** to check with **Del Zanna** if **HOP 396** needs to be run again
- **Matthews** to check status of **HOP 400** with PI

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

There was one new HOP proposal.

##### **1. Joint IRIS-Hinode Observing Plan to Study Elemental Abundance Variation in the Solar Atmosphere – Long ([david.long@ucl.ac.uk](mailto:david.long@ucl.ac.uk)), Baker, Testa, To; Savage/SSC, Watanabe/SSC, De Pontieu/SSC; ToO HOP 406**

- examine the evolution of mass and energy through the chromosphere/transition region/corona on both spatial and temporal scales
- dates: **1<sup>st</sup> – 15<sup>th</sup> October**; Long will be IRIS planner during this period
- time window: once per day for several days; minimum: once every other day
- target: active region nominated by the proposer
- **SOT, EIS, XRT** and **IRIS** observations requested
- **SOT** team require guidance on the number and specification of their maps; guidance has been provided post meeting
- **XRT** team have no issues

Continuing monthly observations are:

- **Polar Monitoring - Shimojo; CORE HOP 81**
- run on **6<sup>th</sup> October** (N pole fast) and **8<sup>th</sup> October** (S pole fast)
- **Multi-temperature Full Disk Slot Scans – Ugarte-Urra, Brooks, Warren; CORE HOP 130**
- run on **20<sup>th</sup> October**
- **Synoptic SOT Irradiance Scans – Tarbell; CORE HOP 79**
- run on **15<sup>th</sup> October** (N/S only)
- **Cycle 25 Bright Points - Bryans, Centeno, Savage; HOP 336**
- run on every Monday throughout **October**
- **Cycle 24/25 Equatorial Transition - Egeland, Bryans, Centeno, Savage, Watanabe, De Pontieu; HOP 393**
- run on every Saturday throughout **October**

#### **e. Monthly Science Reports**

- next **Hinode** monthly science report will be prepared by the **XRT Team** by **17<sup>th</sup> 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: **15<sup>th</sup> October, 2020** at **07:00 JST**; **14<sup>th</sup> October, 2020** as appropriate in US/Europe

#### **g. AOB**

Senior Review results expected in **November**.