

## 161<sup>st</sup> Hinode SSC Meeting on 18<sup>th</sup> June, 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** will continue to operate in focus mode. Planned date for return to normal mode is **July 7<sup>th</sup>**.

##### 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.

**Warren** will discuss with **Brooks** the possibility of restricting the extent of full-disc mosaics

**Matthews** will confirm that the new **EIS** study required for **HOP 400** will be validated by **September**

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

- routine **HOPs 79, 81 and 130** were run as planned during **June**; dates for these HOPs were agreed at the meeting for **July**
- **HOP 336** and **HOP 393** dates were also confirmed
- next **HOP 344** full-disc mosaic will be run in **August**
- **Warren** will circulate dates for the next PSP coordination, #6; **21<sup>st</sup> September, 2020, 18:39 UT – 2<sup>nd</sup> October, 23:45 UT** was circulated following the meeting
- dates for a **HOP 399** run later in the summer will be checked by **Matthews**
- **HOP 400** will be run in **September**
- **Del-Zanna** informed **Reeves** that **ToO HOP 396** will need to be run again; **Reeves** will check possible dates
- launch dates for upcoming sounding rocket flights – **EUNIS, MaGIXS and EVE**, remain on hold pending resolution of the virus crisis; **EUNIS** may be launched in **August**

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

There were two new HOP proposals.

##### **1. Spacious Coronal Jet observation around Coronal Holes – Schwanitz ([conradsc@ethz.ch](mailto:conradsc@ethz.ch)), Harra ([louise.harra@pmodwrc.ch](mailto:louise.harra@pmodwrc.ch)), Savage/SSC, Watanabe/SSC, De Pontieu/SSC; ToO HOP 403**

- search for a type of rare Coronal Jets in a large FOV of EIS with a mosaic of coarse IRIS rasters to have a greater chance of overlap
- dates: 24 hr of continuous observation requested
- time window: no time window in day requested; short interruptions are possible
- target: coronal hole and its boundaries; either on-disc or at limb
- no request for **SOT**
- for **EIS**, run HOP81\_new\_study
- **XRT**: movies appropriate to catch X-ray jets; can be the normal HOP 81 studies
- **IRIS**: observation agreed with **De Pontieu**

##### **2. EPO Observation mainly for High School Students - Yaji ([kentaro.yaji@gmail.com](mailto:kentaro.yaji@gmail.com)), Savage/SSC, Watanabe/SSC, De Pontieu/SSC; HOP 173**

- observe active regions or prominences at the solar limb
- **SOT** and **XRT** support requested; XRT requests as previously
- details remain as previously so HOP number is unchanged
- dates: **24<sup>th</sup> – 29<sup>th</sup> August**

Continuing monthly observations are:

- **Polar Monitoring - Shimojo; CORE HOP 81**
- run on **8<sup>th</sup> July (N pole fast)** and **10<sup>th</sup> July (S pole fast)**
- **Multi-temperature Full Disk Slot Scans – Ugarte-Urra, Brooks, Warren; CORE HOP 130**
- run on **7<sup>th</sup> and 28<sup>th</sup> July**
- **Synoptic SOT Irradiance Scans – Tarbell; CORE HOP 79**
- run on **16<sup>th</sup> July (N/S only)**
- **Cycle 25 Bright Points - Bryans , Centeno, Savage; HOP 336**
- run on every Monday throughout **July**
- **Cycle 24/25 Equatorial Transition - Egeland, Bryans, Centeno, Savage, Watanabe, De Pontieu; HOP 393**
- run on every Saturday throughout **July**

**e. Monthly Science Reports**

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

**g. AOB**

Senior Review presentation will be made in week beginning **17<sup>th</sup> August**