

## 171<sup>st</sup> Hinode SSC Meeting on 22<sup>nd</sup> April, 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.

No issues with the new arrangement for periods when telemetry useage is unusually high have been reported.

##### 3. FM Calendar

An updated Focused Mode schedule was presented to the meeting. The next FM period will begin on **25<sup>th</sup> May**.

##### 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 and Del Zanna** to coordinate future runs of **HOP 396**

**HOP 411** team awaiting suitable target; **DeRosa** to continue discussion with **Tiwari**

**Matthews and DeRosa** to arrange a small test run to check SOT and EIS FoV alignment

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

- routine **HOPs 412** ( previously **79**), **81** and **130** were run as planned during **April**; dates for these HOPs were agreed at the meeting for **May**; **HOP 81** date set to avoid conflict with PSP coordination
- operation of **HOP 407** has ben confused; modified HOP text required; ensure consistency with IRIS and EIS observation descriptions; update **HOP 407** pointing
- during PSP coordination periods, all four HOPs (409/410, 415/416) should not be run in a single day
- **Reeves** will coordinate SO and PSP HOPs with NuStar; circulate NuStar dates, arrange VLA coordination, specify **HOP 409/410** pointings and ask PSP team for connectivity predictions
- note that the PSP encounter period (**28<sup>th</sup> April – 7<sup>th</sup> May**) will be telemetry intensive
- for **HOP 415/416** planning, the proposer – **Hofmeister**, requires advice from the Hinode team

- **DeRosa** will suggest that he ignore SAA windows and filters out data from SAA transits
- will also tell him how best to synchronize his HOP observation planning with the overall Hinode planning process
- note that Hinode is close to its eclipse season

#### **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 **11<sup>th</sup> May** (N pole fast) and **13<sup>th</sup> May** (S pole fast)
- **Multi-temperature Full Disk Slot Scans – Ugarte-Urra, Brooks, Warren; CORE HOP 130**
- run on **18<sup>th</sup> May**
- **Synoptic SOT Irradiance Scans – Egeland, Centeno; CORE HOP 412**
- run on **20<sup>th</sup> May** (N/S only)
- **Cycle 25 Bright Points - Bryans , Centeno, Savage; HOP 336**
- run on every Monday throughout **May**
- **Cycle 24/25 Equatorial Transition - Egeland, Bryans, Centeno, Savage, Watanabe, De Pontieu; HOP 393**
- run on every Saturday throughout **May**

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

- next **Hinode** monthly science report will be prepared by the **SOT Team** by **15<sup>th</sup> April**
- **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> May 2020** at **07:00 JST**; **19<sup>th</sup> May, 2020** as appropriate in US/Europe

#### **g. AOB**

MSFC will be hiring a term civil service employee to help with Hinode duties in the next few months (US citizen only); will become deputy project scientist to **Savage**;

On-going reminder: press-worthy Hinode highlights to be sent to **Savage** prior to publication