

## 137<sup>th</sup> Hinode SSC Meeting on 21<sup>st</sup> June, 2018 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. CCD heaters have been adjusted to secure noise reduction.

**XRT** is nominal. Small increase in G-band transmission due to entrance filter leak. New leak-test images will be obtained in July.

**EIS** was turned on - 21<sup>st</sup> May, and is operating nominally. No change in sensitivity or flat field performance. Warm pixel number reduced but further assessment is needed.

##### 2. Report on Changes to Instrument Telemetry Allocation

There are no further reports on telemetry allocation changes

##### 3. FM Calendar

**Hinode** focus mode calendar has been 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

New **HOP** for coordinated observations with **SOT**, **XRT** and **SUVI (GOES-R)** is still awaited and will now be requested

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

- routine **HOPs 79** and **81** were run as planned during **May**
- **HOP 341** has obtained good data; still awaiting further observation request from proposers
- still no requests to run **HOP 348**; awaiting input on the Nu-star solar planning process
- **EVE** calibration rocket was launched successfully on **18<sup>th</sup> June**
- conflict between **HOP 349** scheduling and **EIS** observation planning was extensively discussed; it was agreed that **Reeves** and **Takeda-san** would draft guidance notes for the instrument chief planners on the flexibility for planning **HOP 349** observations; these would be assessed by the other Hinode teams.

- **IHOP 344** cannot be run during Hinode eclipse season; agreed that it would be run on **25<sup>th</sup>-26<sup>th</sup> August**; **Savage** to contact **De Pontieu** to arrange the IRIS schedule (completed following meeting)
- **HOP 347** should if possible observe an active region on five consecutive days
- **HOP 321** should be allowed to make one pointing change in mid-week; programme should not be changed

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

##### 1. EPO Campaign Observation mainly for High School Students - Yaji ([kentaro.yaji@nao.ac.jp](mailto:kentaro.yaji@nao.ac.jp)), Savage/SSC ([sabrina.savage@masa.gov](mailto:sabrina.savage@masa.gov)); HOP 173

- synoptic (full disk) solar and active region observations;
- dates: **23<sup>rd</sup> - 28<sup>th</sup> July**; **6<sup>th</sup> - 11<sup>th</sup> August**; time window: **02:00 UT - 06:00 UT**
- **XRT** and **SOT** support requested
- first period occurs during focused mode; pointing can be adjusted only once during the week, but it has to be between like targets (e.g., AR to AR or fine adjustment within an AR) so that the operational plans of the instruments do not need to be changed.

##### 2. Coordinated Observation for the FOXSI-3 rocket experiment - Glesener ([glesener@umn.edu](mailto:glesener@umn.edu)), DeLuca/SSC, Reeves/SSC; HOP 360

- measure flare-temperature plasma and/or accelerated electron distribution in the quiescent corona
- **FOXSI-3** flight is scheduled for **21<sup>st</sup> August**; six minute launch window will occur in the intervals 17:18 UTC - 18:18 UTC or 20:25 UTC - 21:25 UTC; Hinode coverage requested 16:00 UT - 22:00 UT
- previously run as HOP 221; **Reeves** will i) clarify details of the previously run EIS study and ii) establish an alternative date for XRT bakeout; **Savage** to discuss IRIS schedule with **De Pontieu**

Continuing monthly observations are:

- **Polar Monitoring - Shimojo; CORE HOP 81**
- run on **6<sup>th</sup> July** (N pole fast) and **9<sup>th</sup> July** (S pole fast); during focused mode
- **Synoptic SOT Irradiance Scans – Tarbell; CORE HOP 79**
- run on **12<sup>th</sup> July** (N/S only); during break from focused mode
- **Multi-temperature Full Disk Slot Scans – Ugarte-Urra, Brooks, Warren; CORE HOP 130**
- run on **10<sup>th</sup> July**; to avoid focused mode

#### e. Monthly Science Reports

- next **Hinode** monthly science report will be prepared by the **SOT Team** for 10<sup>th</sup> August; see [http://hinode.msfc.nasa.gov/science\\_charts/](http://hinode.msfc.nasa.gov/science_charts/) 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: **26<sup>th</sup> July, 2018** at **07:00 JST**; **25<sup>th</sup> July, 2018** as appropriate in US/Europe

**g. AOB**

**Savage** will attend the upcoming IRIS workshop. The MoU with Japan has now been agreed. EIS funding support will be considered at upcoming UK and ESA funding panel meetings on 3<sup>rd</sup> October and 10<sup>th</sup> October