

## 144<sup>th</sup> Hinode SSC Meeting on 24<sup>th</sup> January, 2019 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** 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

**Mckenzie** confirmed **May 14<sup>th</sup>** as the new **EUNIS** launch date

**Savage** stated that the list of programmes from the previous Senior Review submission would now be circulated following the end of the partial government closure

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

- routine **HOPs 79, 81 and 130** were run as planned during **December**
- **NU-STAR** completed an observation with **Hinode** and the **VLA**; good data obtained
- **HOP 364** will be run following **IRIS** eclipse season end in **February**; **De Pontieu** to confirm date
- agreed post-meeting to be run during week of **17<sup>th</sup> February**
- **HOP 366** will continue on a weekly schedule; **Watanabe** will update the monthly events list

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

##### **1. Long Period Pulsations of Plasma Velocity and Density in Loops - Pelouze**

**([gabriel.pelouze@ias.u-psud.fr](mailto:gabriel.pelouze@ias.u-psud.fr)), Auchere, Bocchialini, Parenti, Culhane/Harra/SSC; ToO HOP 367**

- to detect and characterise plasma downflows in loop footpoints that are associated with long-period intensity pulsations of ~ 3 - 16 hours
- observations to be made with **EIS**
- target suitable active region and track it for most of its lifetime but for at least 2 days continuously during CM passage; prefer 6 days. Observe for ~ 10 hr/day.
- run study 571 (ar\_vel\_fast\_scan); obtain raster every 40 min
- use spectra to characterise variations of plasma velocity, temperature and density
- run on suitable AR; observing window to start in focussed mode on **29<sup>th</sup> January**

Continuing monthly observations are:

- **Polar Monitoring - Shimojo; CORE HOP 81**
- run on **7<sup>th</sup> February** (N pole fast) and **9<sup>th</sup> February** (S pole fast)
- **Synoptic SOT Irradiance Scans – Tarbell; CORE HOP 79**
- run on **14<sup>th</sup> February** (N/S only)
- **Multi-temperature Full Disk Slot Scans – Ugarte-Urra, Brooks, Warren; CORE HOP 130**
- run on **2<sup>nd</sup> and 26<sup>th</sup> February**
- **Cycle 25 Bright Points - Bryans; HOP 336**
- run on every Monday when feasible

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

- next **Hinode** monthly science report will be prepared by the **SOT Team** for 8<sup>th</sup> February
- **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: **21<sup>st</sup> February, 2019** at **07:00 JST**; **20<sup>th</sup> February, 2019** as appropriate in US/Europe

#### **g. AOB**

**Savage** reported that she and **Elrod** will monitor operations and address critical issues only until the US Government partial shutdown has ended.