

## 109<sup>th</sup> Hinode SSC Meeting on 18<sup>th</sup> February, 2016 at 07:00 JST

### Short Summary, Conclusions and Actions

#### a. Program Status

##### 1. Instrument Status Review

SOT not quite nominal (see report of 63<sup>rd</sup> SSC); blurring and intensity changes now visible for 20% - 25% of the NFI field of view; NFI observations remain possible but will take a little longer; no change reported from **January** status.

XRT is nominal.

EIS is nominal. Following completion of test studies, CCD bakeout will take place in the interval 22<sup>nd</sup> to 27<sup>th</sup> February, 2016.

##### 2. Changes to Instrument Telemetry (on-board storage) Allocation

**ACTION:** Any telemetry allocation change agreements for a HOP should be communicated to Watanabe for inclusion in the Monthly Events listing and ideally in the HOP list

##### 3. 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

- there were no outstanding action items from the previous meeting

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

- routine HOPs 130, 79 and 81 were run as planned during February  
- following discussion, dates for the March running of HOPs 130, 79 and 81 were agreed

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

##### 1. Coordinated Hinode/EIS and Ground-based Observations of the Total Solar Eclipse of 9 Mar 2016 - Habbal ([shadia@ifa.hawaii.edu](mailto:shadia@ifa.hawaii.edu)), Lande ([elandi@umich.edu](mailto:elandi@umich.edu)); HOP 298

- observation of eclipse on March 9<sup>th</sup> at around 00:40 UT, duration ~ 5 hr  
- instruments: Hinode (EIS, XRT), COMP, AIA and ground-based telescope in Indonesia for Fe XI/ XIV lines  
- primary target: coronal cavity if available, otherwise limb AR

**2. Coordinated Hinode/XRT, SOT, and Ground-Based Observations of the Total Solar Eclipse of 9 March, 2016 - Sterling ([alphonse.sterling@nasa.gov](mailto:alphonse.sterling@nasa.gov)), Pasachoff ([jav.m.pasachoff@williams.edu](mailto:jav.m.pasachoff@williams.edu)), Savage ([sabrina.savage@nasa.gov](mailto:sabrina.savage@nasa.gov)); HOP 299**

- observation of solar jets during **9<sup>th</sup> March** eclipse
- instruments: Hinode (SOT, XRT), coordinate EIS use with **HOP 298**, IRIS and ground-based telescope in Indonesia

**ACTION: Savage to coordinate targets and timing with HOP 298 proposers**

**3. Polar Panorama Map for Understanding Polar Reversal in Cycle 24 – Shimojo; HOP 206**

- target will be S polar region; obtain data for South Pole
- schedule every three days during **February/March**; run on: **2/22, 2/25, 2/28, 3/2, 3/5** (min B angle), **3/8, 3/11, 3/14/, 3/17, and 3/20.**

**4. Dynamics of Prominences, Solar Tornadoes and Spicules - Schmieder**

**([brigitte.schmieder@obsmpm.fr](mailto:brigitte.schmieder@obsmpm.fr)), Labrosse ([nicholas.labrosse@hlsagow.ac.uk](mailto:nicholas.labrosse@hlsagow.ac.uk)); HOP 255**

- request for further run of **HOP 255**; joint observation with **EIS, SOT, Meudon/MDSP and IRIS**
- targets: off-lmb structures, prominences, tornadoes or spicules
- observing window: **4<sup>th</sup> - 8<sup>th</sup> and 11<sup>th</sup> - 15<sup>th</sup> April; 08:00 UT - 11:00 UT**

The continuing monthly observations are:

- **Polar Monitoring - Shimojo; CORE HOP 81**
- run on **4<sup>th</sup> March** (N pole fast), and **6<sup>th</sup> March** (S pole deep); **HOP 206** will fulfill S pole fast on **5<sup>th</sup> March**
- **Synoptic SOT Irradiance Scans – Tarbell; CORE HOP 79**
- run on **22<sup>nd</sup> March** (N/S) and **24<sup>th</sup> March** (E/W)
- **Multi-temperature Full Disk Slot Scans – Ugarte-Urra, Brooks, Warren; CORE HOP 130**
- run on **1<sup>st</sup> March** and **15<sup>th</sup> March**

Upcoming rocket launch support observations will be requested for **EVE: May 27<sup>th</sup>** and **Hi-C 2; July 18<sup>th</sup>**

**e. Monthly Science Reports**

- next **Hinode** monthly science report is being prepared by the **EIS Team (Warren/Doschek)** for ~ **7<sup>th</sup> March, 2016**
- see [http://hinode.msfc.nasa.gov/science\\_charts/](http://hinode.msfc.nasa.gov/science_charts/) for template and previous charts

**f. Date of Next Meeting**

- next meeting: **24<sup>th</sup> March, 2016 at 07:00 JST; 23<sup>rd</sup> March, 2015** as appropriate in US/Europe
- US Daylight Savings Time begins on **13<sup>th</sup> March**

**g. AOB**

The call for Coordinated ALMA observation proposals will be issued on **22<sup>nd</sup> March** with a deadline of **21<sup>st</sup> April**. **Adam Kobelski** is working on Hinode/ALMA coordination and will send a copy of the call to Hinode COs.