

77<sup>th</sup> Hinode SSC Meeting on 20<sup>th</sup> June, 2013 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; everything else is nominal with SOT.

XRT is nominal; CCD dust contamination requires bakeout during July.

EIS is nominal; successful response to three flare triggers in June; trigger operation not yet routine.

**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; Ongoing**

**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**

- **ACTION on Cirtain to summarise for Shimizu-san the discussion of introducing a one month lead-time from SSC approval to implementation of new HOPs.**

- **ACTION: Cirtain to revise the document to include current planning and upload timing details and circulate to SSC for discussion at the next meeting.**

- following discussion with **Shimizu-san**, it has been agreed that both actions will be **put on hold** pending definition and agreement for the new mission operations plan to be implemented in late 2013.

- other actions have been closed

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

- routine **HOPs (81, 130 and 79)** are ongoing

- following successful launch on **12<sup>th</sup> June**, Sunrise balloon observations (**HOP 231**) concluded on **17<sup>th</sup> June**

- agreed that **HOP 79 be rescheduled from 25<sup>th</sup>/27<sup>th</sup> June to 3<sup>rd</sup>/5<sup>th</sup> July** to accommodate on-disc coronal hole observations by EIS team

- suggested after the meeting that **HOP 130 should also be rescheduled to 6<sup>th</sup> July** to avoid the coronal hole observations

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

##### **1. On-Disk Coronal Hole Jet Observations - Sterling ([alphonse.sterling@nasa.gov](mailto:alphonse.sterling@nasa.gov)), Shimojo ([shimojo@nro.nao.ac.jp](mailto:shimojo@nro.nao.ac.jp)); ToO HOP 232**

- observe jets in suitable on-disc coronal holes within  $\pm 2.5$  days of CMP
- request **12h (minimum 6h) per day**; break for standard synoptics; run on successive days if solar conditions permit
- default mode: Hinode only; proposers to notify COs/CP if other instruments are to be involved

##### **2. Dynamics and physical properties of large scale coronal waves ("EIT waves") – Gomory ([gomory@ta3.sk](mailto:gomory@ta3.sk)), Veronig ([veronig@uni-graz.at](mailto:veronig@uni-graz.at)); HOP 180**

- no waves detected in March 30<sup>th</sup> to April 12<sup>th</sup>, 2013 campaign due to low solar activity
- schedule for the interval **October, 6<sup>th</sup> to 30<sup>th</sup>, 06:00 UT to 14:00 UT** to allow coordinated observations at VTT, Tenerife

##### **3. EPO campaign observation mainly for high school students – Yaji ([kentaro.vaji@nao.ac.jp](mailto:kentaro.vaji@nao.ac.jp)); HOP 173**

- campaign as in previous years
- observing intervals: **22<sup>nd</sup> to 27<sup>th</sup> July** and **26<sup>th</sup> to 31<sup>st</sup> August**

**IRIS** is now scheduled for launch on **27<sup>th</sup> June** at **02:29 UT** with first light on **17<sup>th</sup> July**

- a 45-day science observing plan will begin during the first half of **August**
- previously agreed that specific HOP s will not be designed for each observing period
- coordinated **IRIS – SST/La Palma** observations planned for period **25<sup>th</sup> August** to **3<sup>rd</sup> October** with optimum observing time **08:00 UT to 11:00 UT** each day
- **IRIS** and **Hinode/SOT** teams are considering whether a HOP format would be helpful for this Campaign

**ACTION: Tarbell to present the outcome of their discussion at the next SSC meeting**

The continuing monthly observations are:

- **Polar Monitoring - Shimojo; CORE HOP 81**
- run on two days to be selected from the period **9<sup>th</sup> through 16<sup>th</sup> July**
- **Multi-temperature Full Disk Slot Scans – Ugarte-Urra, Brooks, Warren; CORE HOP 130**
- run on **6<sup>th</sup> and 23<sup>rd</sup> July**
- **Synoptic SOT Irradiance Scans – Tarbell; CORE HOP 79**
- run on **30<sup>th</sup> July (NS)** and **1<sup>st</sup> August (EW)**

#### **e. Date of Next Meeting**

- next meeting: **19<sup>th</sup> July, 2013** at **07:00 JST**; **18<sup>th</sup> July 2013** as appropriate in US and Europe

**f. AOB**

- SSC noted that ESA had agreed an extension of support for **Hinode** observations to **end-2016**
- the meeting congratulated **Bernhard Fleck** for his very effective role in this
- outcome of the NASA Senior Review for continued **Hinode** support should be known soon
- in response to a question, **Sabrina Savage** said that there was still no update on the status of NASA travel support for US attendance at **Hinode-7** in Japan in November