

## 74<sup>th</sup> Hinode SSC Meeting on 21<sup>st</sup> March, 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 visible for 5% - 10% of the NFI field of view; slightly increased contrast of bubbles in past month; no change in area; NFI observations may take a little longer; everything else is nominal with SOT.

XRT is nominal

EIS is nominal; MSSL contribution to EIS/CO duties will from 1<sup>st</sup> April, 2013 be provided from Japan by Nishizuka-san employed by MSSL

##### 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; XRT bakeouts will also scheduled during April

**ACTION: DeLuca to provide bakeout dates to Shine for inclusion in mission calendar**

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

##### **1. Dynamics and Physical Properties of Large Scale Coronal Waves (EIT Waves) – Gomory, Veronig; ToO HOP 180**

- could not be run as agreed during **March**; schedule during weeks of **30<sup>th</sup> March** and **6<sup>th</sup> April** subject to nomination of suitable AR by the proposers; observe jointly with **PROBA-2/SWAP**
- modified **EIS** studies using different density-sensitive line pairs are now available

##### **2. Coordinated Observations between the Extreme Ultraviolet Normal Incidence Spectrograph (EUNIS) Sounding Rocket and EIS - Brosius ([jeffrey.w.brosius@nasa.gov](mailto:jeffrey.w.brosius@nasa.gov)), Young ([pyoung@ssd5.nrl.navy.mil](mailto:pyoung@ssd5.nrl.navy.mil)); HOP 214**

- launch has now been scheduled for **Tuesday 9<sup>th</sup> April** at **18:30 UT**; final launch window and targets to be notified
- pointing and orientation for 660 arc sec **EUNIS** slit to be confirmed on **Monday, 8<sup>th</sup> April** for final insertion in the **Tuesday 9<sup>th</sup> April** Hinode upload

##### **3. Evolutionary Behaviors of Small Magnetic Elements in an Active Region Remnant Rushing to the South Pole – Iida, Shimizu; HOP 229**

- run during **April** to obtain B-angle advantage; run continuously for **2 – 3 days** in interval **6<sup>th</sup> to 14<sup>th</sup> April**; **XRT** will run CME watch
- two 10 min synoptic interruptions acceptable each day

##### **4. Observation of the Sodium (Na) atmosphere of Mercury with HINODE SOT at the superior conjunction – Kameda, Katsukawa; HOP 230**

- run during Mercury superior conjunction on **11<sup>th</sup>/12<sup>th</sup> May, 2013**

The continuing monthly observations are:

- **Polar Monitoring - Shimojo; CORE HOP 81**
- run on two days to be selected from the period **10<sup>th</sup> through 16<sup>th</sup> April**
- **Multi-temperature Full Disk Slot Scans – Ugarte-Urra, Brooks, Warren; CORE HOP 130**
- run on **10<sup>th</sup> and 30<sup>th</sup> April**
- **Synoptic SOT Irradiance Scans – Tarbell; CORE HOP 79**
- run on **23<sup>rd</sup> April (NS)** and **25<sup>th</sup> April (EW)**
- **XRT bakeout** scheduled for **6<sup>th</sup> and 27<sup>th</sup>**

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

- next meeting: **18<sup>th</sup> April, 2013** at 07:00 JST; **17<sup>th</sup> April, 2013** as appropriate in US and Europe

## **f. AOB**

- the serious impact of the **US Government Budget Sequestration** was described by **Savage** and **Cobb**
- no NASA-supported travel to foreign meetings can be provided without an explicit case-by-case waiver; these are expected to be very hard to obtain
- major difficulty for Hinode programme will arise for the currently planned **Hinode-7** meeting, which includes a full **SWG** meeting, to be held in Japan in the interval **11<sup>th</sup> to 16<sup>th</sup> November, 2013**
- this **SWG** will be particularly important given the upcoming changes to mission operations
- waivers could be sought from MSFC management for e.g. one US attendee per instrument team, or for some level of representation above this; for the **SWG** in particular, question of US participation by telecon is likely to be raised
- suggestions included:
  - the possibility of transferring the **Hinode-7** meeting to the US; restrictions are also likely to apply to US internal travel but this possibility will be considered by MSFC
  - possibility of an extraordinary **SWG** meeting in the near future – by telecon, could also be considered
  - conducting the November SWG via telecon or videocon if necessary
- **agreed** that there was **urgent need** for a discussion of these issues between **MSFC** and **JAXA** managements

### **ACTION: Cobb to initiate such a discussion – initially via email**

- situation and any developments will be reviewed at next **Hinode-7** meeting meeting