

## 56<sup>th</sup> Hinode SSC Meeting on 22<sup>nd</sup> September, 2011 at 07:00 JST

### Short Summary, Conclusions and Actions

In the absence of **Cirtain** due to a flight delay, meeting was chaired by **Culhane**

#### **a. Program Status:**

##### **1. Instrument Status Review**

SOT is nominal; momentum wheel tuning has reduced jitter to inside specification

XRT is nominal; now out of eclipse season so filter wheel operation can return to automatic mode

EIS is nominal following wheel speed tuning; no detected contamination and sensitivity unchanged; flare trigger has responded to post-flare loops but not yet to a flare; testing to establish trigger levels will continue.

##### **2. Momentum Wheel Speed Tuning**

- the SSC meeting congratulated **Shimizu-san, Katsukawa-san** and their **colleagues** on a highly successful outcome

##### **3. 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**

#### **b. Review and Discussion of Action Items from Meeting #53**

- Re **Berger** on status of ToO HOP list – see **item c**

Other actions are closed or ongoing

#### **c. Review and Discussion of Action Items from Palermo SWG Meeting**

**ACTION: Cirtain to present comments on HOP assessment and tracking to future SSC; ongoing**

Full report, which will include comment on the ToO HOP list, will be presented at the **October 10<sup>th</sup> SWG** meeting

- SSC asked 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**

#### **d. Review/Discussion of Open HOPs and ToOs**

- there was no discussion required for currently open HOPs and ToOs

- at **SSC #55**, **Berger** urged clarification of ToO HOP notification procedure namely that the **HOP PI** or on designation, the **HOP Hinode contact person**, should inform **COs** and **CP** of availability of suitable target and agree an observing slot

**ACTION:** Certain to discuss with Shimizu-san the inclusion of appropriate text in the Hinode HOP proposal instruction; ongoing

**ACTION:** Certain will also discuss with Shimizu-san the listing of currently active ToO HOPs in the Hinode Monthly Events calendar; ongoing

#### e. Review of New Proposals and Scheduling of Observations

##### 1. Driving Mechanisms of Supersonic Flows in the Chromosphere around a Sunspot – Katsukawa, Oi; GBO HOP 202

- schedule **24<sup>th</sup> to 31<sup>st</sup> October**; minimum preferred time window: **15:00 UT to 17:00 UT**
- coordinated observation with **DST/FIRS** and **/IBIS**;

##### 2. Understanding Driving Mechanisms of RBEs using IBIS and Hinode – Na Deng, Wang, Shimizu; GBO HOP 203

- schedule **17<sup>th</sup> to 23<sup>rd</sup> October**; minimum preferred time window: **14:00 UT to 17:00 UT**
- coordinated observation with **DST/IBIS**

**NOTE:** Target can be AR or plage inside or outside Coronal Hole; XRT bakeout scheduled for **19/20 October** would allow quiet Sun targeting on those days

##### 3. CME Heating and Current Sheets – Miralles, Landi, Weber; ToO HOP 201

- observe limb ARs with likelihood of CME; run for **6 to 12 hours** for several days
- scheduled from **13<sup>th</sup> through 19<sup>th</sup> October** for a first run when **Landi** is **EIS RCO**

**ACTION:** Culhane to seek clarification of EIS data rates

##### 4. Tracking Outflows from Sun into Interplanetary Space using Hinode EIS, Proba-2 and SWAP – Slemzin, Harra, Berghmans; ToO HOP 204

- track AR limb-to-limb for ~ **14 days**; scheduled from **1<sup>st</sup> through 14<sup>th</sup> October**
- joint observation with **Proba-2** which will be **off-pointed** for both limb observations
- later in-situ observations with **STEREO-B, -A, ACE** and **WIND**

**ACTION:** Culhane to seek clarification of request to SOT and XRT

##### 5. The continuing monthly observations are:

- **Synoptic SOT Irradiance Scans** – **Berger; CORE HOP 79**
- programme to be run on **25<sup>th</sup> October (N-S)** and **27<sup>th</sup> October (E-W)**
- **Multi-temperature Full Disk Slot Scans** – **Ugarte-Urra, Brooks, Warren; CORE HOP 130**
- scheduled for **11<sup>th</sup> October** and **1<sup>st</sup> November**

- **Polar Monitoring - Shimojo; CORE HOP 81**
- scheduled for 4<sup>th</sup> and 5<sup>th</sup> November

**f. Other Business and Date of Next Meeting**

- **at SSC #55, Tarbell** emphasised that during major flare alerts, it was important that the agreed target be **followed throughout the alert** and that one of the designated mission active region and flare tracking programmes be used

**ACTION: Certain to write up the above comment and circulate it to the CO list, ongoing**

- **also raised at SSC #55;** the Max Millenium Program Chief Observers declare major flare alerts and distribute them via the Max Millennium Message of the Day e-mail system but it is not clear that these messages are reaching all the relevant people involved in the Hinode programme

**ACTION: Certain to contact the Max Millenium Chief Observer team to ensure that they have the appropriate contact list for the Hinode programme; ongoing**

- next meeting: **20<sup>th</sup> October, 2011** at 07:00 JST; **19<sup>th</sup> October, 2011** as appropriate in US and Europe