

## 65<sup>th</sup> Hinode SSC Meeting on 21<sup>st</sup> June, 2012 at 07:00 JST

### Short Summary, Conclusions and Actions

#### a. Program Status:

##### 1. Instrument Status Review

SOT is still not quite nominal (see report of 63<sup>rd</sup> SSC). There is some contamination causing blurring and intensity changes over parts of the NFI field of view. Distribution of contamination now appears stable. Though not very noticeable in magnetograms used for AR tracking; other NFI-centric programs have to be planned more carefully to avoid it or mitigate its effects. Everything else is nominal with SOT.

XRT is nominal; extended bakeout completed two weeks ago; data being assessed

EIS is nominal; no operational restrictions

##### 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**

#### b. Review and Discussion of Action Items from Hinode SWG and Meeting #59

- 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**

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

- **Cirtain** reported the exceptional success of the **Hinode Venus Transit** observations with the SOT images in particular having had wide publicity. NASA HQ expressed pleasure at the outcome but queried the delay in obtaining Hinode data which he explained to them.

- continuing instrument problems with the **GREGOR solar telescope** at **VTT/IAC/Tenerife** should lead to continuing high priority for **HOP 212** during its prime observing slot with **SST/CRISP** on **La Palma** as agreed at the 64<sup>th</sup> SSC meeting

- Coordinated Sunspot Observations with the Vacuum Tower Telescope (Denker et al.) will continue without HOP designation as part of the SOT team programme.

- following very recent notification of the **EVE Calibration Rocket** flight on **23<sup>rd</sup> June**, the **EIS Core HOP 130** will be run before and after the launch slot at **13:00 UT**.

**ACTION: Tarbell (completed) and Deluca to discuss related operation of the SOT and XRT instruments**

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

##### **1. Coordinated Observations between the EUNIS Rocket Instrument and EIS; Brosius, Rabin; HOP 214**

- joint observation with **EUNIS** which will be launched on **14<sup>th</sup> August**

##### **2. Spicules: Current Sheets or Flux-tubes? – Doyle, Madjarska; HOP 215**

- observation with **DST IBIS** and **ROSA**; ground-based time awarded **23<sup>rd</sup> - 30<sup>th</sup> September**; observe **14:30 UT to 17:30 UT** each day; Targets: magnetically active sunspots, ARs or pores off disc centre

##### **3. Two existing HOPs – HOP 182 and HOP 21, were submitted by Roudier; both involve SOT**

- **HOP 182** requires a lot of observing time from **SOT**; 11 five hour observations; cannot run during eclipse season
- **SSC** agreed to discuss **HOP 182** again at the next meeting with a view to assigning ToO status
- **HOP 21** is from the pre-X-band era and should be revised, given a new HOP number and assigned ToO status; does not require further **SSC** discussion

**ACTION: Tarbell, with Thierry Roudier, to revise HOP text and send it to Watanabe**

##### **4. EPO Campaign Observation mainly for High School Students – Yaji; HOP 173**

- run from **23<sup>rd</sup> to 31<sup>st</sup> July**

##### **5. Support of SUMI Rocket Flight – Cirtain; HOP 77**

- scheduled for **5<sup>th</sup> July** with **launch window 18:55 UT to 19:55 UT**; HOP text has been revised
- **SOT** will require to operate with a **64 arc sec offset** from its usual nominal pointing; impact on **EIS** needs to be assessed particularly for **Study # 387** which uses a 16 arc sec x 240 arc sec raster

**ACTION: Designated EIS RCO (Williams) to check co-alignment with SOT team and if necessary to conduct a live pointing rehearsal before the SUMI launch**

##### **6. Support of HI-C Rocket Flight – Cirtain; HOP 216**

- scheduled for **11<sup>th</sup> July** with **launch window 18:50 UT to 20:00 UT**; **XRT** and **SOT** will operate as for **HOP 159**; **EIS** will run the new study **HIC\_SCAN\_58x512V1**; launch time currently **18:54 UT** will be finalised by **6<sup>th</sup> July**
- **SOT** will again require to operate with a **64 (TBC for HI-C observation) arc sec offset** from its usual nominal pointing; impact on **EIS** needs to be assessed particularly for the **58 arc sec** scan direction

**ACTION: Cirtain to send text for HOP 216 to Watanabe**

7. The continuing monthly observations are:

- **Synoptic SOT Irradiance Scans – Berger; CORE HOP 79**
- scheduled for **26<sup>th</sup>** and **28<sup>th</sup> July**
  
- **Polar Monitoring - Shimojo; CORE HOP 81**
- scheduled for **22<sup>nd</sup>** and **23<sup>rd</sup> July**
  
- **Multi-temperature Full Disk Slot Scans – Ugarte-Urra, Brooks, Warren; CORE HOP 130**
- scheduled for **10<sup>th</sup>** and **31<sup>st</sup> July**

**e. Date of Next Meeting**

- next meeting: **19<sup>th</sup> July, 2012** at 07:00 JST; **18<sup>th</sup> July, 2012** as appropriate in US and Europe

**f. AOB**

- information is required for upcoming **XRT** and **SOT** bake-out schedules

**ACTION: Deluca and Tarbell to inform Watanabe of the dates and Tarbell to add the agreed dates to the Google mission calendar**