

51<sup>st</sup> Hinode SSC Meeting on 20<sup>th</sup> April, 2011 at 07:00 JST

**Short Summary, Conclusions and Actions**

**a. Program Status:**

**1. Instrument Status Review**

SOT is nominal; no restrictions on instrument operation.

XRT nominal; filter wheel #1 will be set to open during eclipse season for better instrument thermal control; status can be changed if major flare watch is initiated.

EIS nominal; work on-going regarding updating the ground software to deal with "revised planning"; anticipate new software will be installed/tested in the planning week starting Friday 29<sup>th</sup> April; EIS flare trigger planning tool SW to be released after step 2 completion; expect to release SW in week #1 of May; tested soon after.

**2. CP Duty and Operations Schedule**

**Cirtain** reported that US State Department travel restrictions to Japan had mostly been lifted. NASA Chief Medical Officer has not yet agreed NASA employee travel. Situation being reviewed and Alphonse Sterling may return to CP duty no earlier than mid-May. David Brooks is similarly restricted but *may* be able to do EIS CO duty

**ACTION: Cirtain will ask NASA HQ if NRL can allow EIS CO duty – urgent since David Brooks is on EIS current schedule to start CO duty on 29<sup>th</sup> April; ongoing**

He also reported that the the next introduction of rolling balckouts will mean return to at least three-day upload intervals. Developed workarounds should maintain or even improve on this.

**b. Review and Discussion of Action Items from Meeting #50**

- No further responses to **Berger** on status of ToO HOP list – but see **item c**

**ACTION: Hinode teams to inform Berger of ToO HOP status; ongoing**

**ACTION: XRT Team to inform Cirtain of any synoptic data-related publications; closed**

At least three synoptic-related publications exist; also the related **HOP 186** will generate papers

**ACTION: Culhane/ Mariska to clarify running of HOP130; closed**

Two runs completed since EVE launch

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**

**Cirtain** is progressing with assessment assisted by a grad student and expects to report on this action to the May SSC meeting; he will also update the mission publication list and liaise with **Berger** on the ToO HOP action (see **item b**)

- 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**

- **HOP 185** can choose to observe active or quiet region targets, though the latter is the main priority

**ACTION: Culhane to ask Vargas-Dominguez to inform XRT Team if the SST observation plan includes any active region pointing; message sent**

- **HOP 186** may need an alert when good prominences are available; Since the observation is associated with the daily XRT synoptic, possible need for alert is the only ToO aspect of this HOP

**NOTE: Impact of HOP 186 is to shift the start time of the daily synoptic and to extend its duration from 10 to 15 minutes**

**ACTION: Deluca and Berger to clarify prominence aspect with HOP proposers; message sent**

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

##### **1. Joint Observation for Tracking X-ray Jets from the Solar Surface to Interplanetary Space – Jackson, Shimojo/Hinode; HOP 187**

- scheduled for **16<sup>th</sup> June**

- XRT request acceptable; no AR or flare damage expected

**ACTION: Deluca to clarify use of SOT G-band for co-alignment with XRT with Shimo-san**

##### **2. Polar Monitoring Campaign during the Solar Cycle - Shimojo; CORE HOP 81 (modified)**

- modifications to pointing; special observations requested for **27<sup>th</sup>/28<sup>th</sup> May, 6<sup>th</sup>/7<sup>th</sup> June and 8<sup>th</sup>/9<sup>th</sup> December**

**ACTION: Deluca will inform HOP 81 team that XRT will not support in high activity periods; message sent**

##### **3. Chromospheric Jets - De Pontieu; Core HOP 126**

- further run of joint SST observation; scheduled for **8<sup>th</sup> through 20<sup>th</sup> June; optimum observing 08:00 UT – 12:00 UT;**

- XRT synoptic start time will be altered but possible conflict with **HOP 186** needs clarification

**ACTION: XRT Team to clarify daily synoptic scheduling requirement**

5. The continuing monthly observations are:

- **Synoptic SOT Irradiance Scans – Berger; CORE HOP 79**
- programme to be run on **3<sup>rd</sup> May (N-S)** and **5<sup>th</sup> May (E-W)**
- **Multi-temperature Full Disk Slot Scans – Ugarte-Urra, Brooks, Warren; CORE HOP 130**
- scheduled for **26<sup>th</sup> April** and **17<sup>th</sup> May**
- **Polar Monitoring - Shimojo; CORE HOP 81**
- see **Section e2** for schedule of modified **HOP 81**

**NOTE: Following the meeting, it has become clear that the April HOP 182 observations had problems with solar tracking so at Berger's suggestion, they have been rescheduled for 16<sup>th</sup> to 19<sup>th</sup> May**

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

- next meeting: **19<sup>th</sup> May, 2011** at 07:00 JST; **18<sup>th</sup> May, 2011** as appropriate in US and Europe