

52nd Hinode SSC Meeting on 19th May, 2011 at 07:00 JST

Short Summary, Conclusions and Actions

a. Program Status:

1. Instrument Status Review

SOT is nominal for eclipse season; stable focus and good image quality only available for the second half of each sunlit orbit; SP maps must be fully completed in each orbit since polarization demodulation phasing is not maintained correctly over the pause.

XRT nominal; anomaly in the on-board processor on 11 May believed due to a Single Event Upset (SEU); flare mode response temporarily affected; XRT bakeout schedule set for July 2011 to January 2012.

EIS nominal; updating ground software to deal with "revised planning" completed and tested successfully; EIS flare trigger planning tool SW to be tested in early June.

2. CP Duty and Operations Schedule

NASA employee restrictions on travel to Japan have been lifted; mission operations restored to nominal; re-introduction of rolling blackouts remains a possibility

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

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 now expects to report on this action to the **June** SSC meeting; he will also update the mission publication list and liase with **Berger** on the ToO HOP action (sse **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 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

- **situation clarified by SOT and XRT teams; scheduling aspects for this HOP now also clear**
- special observations requested for **Core HOP 81** now planned for **6th/7th June** and **8th/9th December** were confirmed
- for **HOP 187 (Joint Observation for Tracking X-ray Jets)**; need to clarify use of SOT G-band images for co-alignment with XRT

ACTION: Deluca to clarify this in discussion with Shimo-san; ongoing

e. Review of New Proposals and Scheduling of Observations

1. Joint Solar Flare Observations with ROSA and IBIS - Milligan; HOP 188

- agreed in principle subject to further information
- post-meeting, **SOT PI agreed** to EIS use of 10% of SOT telemetry allocation for this HOP
- for the XRT eclipse season configuration, use of Med-Be/Thick Al filter difficult to achieve

ACTION: Reeves to discuss with Milligan (r.milligan@qub.ac.uk) details of possible XRT operation during HOP 188

ACTION: Milligan to agree with SOT Team (Berger) whether he desires SOT flare flag to be on or off during HOP. Flare flag on will give very high cadence images of the flare ribbons from SOT. If it is off, "before and after" images will be available for the most part. SOT team recommends the flare flag be on.

ACTION: Milligan to confirm to SSC (Culhane) exact dates of the DST time allocation in July

2. Coordinated Observation with Akatsuki – Isobe; HOP 189

- schedule during four days as specified between **23 June** and **27 June** for **~ 8 hours/day**
- **XRT 2x2 binning** requested; should be restricted to 4x4; limited periods at 2x2 might be possible following discussion with XRT team; AEC will be needed to protect CCD
- **SOT team** requested clarification of EIS TLM requirement on days #2 and #3; noted that new EIS study was in preparation

ACTION: Proposers to agree operation profile with XRT Team and to specify EIS data requirement following study completion

3. The continuing monthly observations are:

- **Synoptic SOT Irradiance Scans – Berger; CORE HOP 79**
- programme to be run on **31st May (N-S)** and **2nd June (E-W)**
- **Multi-temperature Full Disk Slot Scans – Ugarte-Urra, Brooks, Warren; CORE HOP 130**

- scheduled for **7th June** and **28th June**

- **Polar Monitoring - Shimojo; CORE HOP 81**
- special campaign to be run on **6th and 7th June**
- **f. Other Business and Date of Next Meeting**
- next meeting: **23rd June**, 2011 at 07:00 JST; **22nd June**, 2011 as appropriate in US and Europe