

47th Hinode SSC Meeting on 16th December, 2010 at 07:00 JST

Short Summary, Conclusions and Actions

a. Program Status:

SOT nominal;

XRT nominal;

EIS nominal; data taken from a C1 flare for the EIS flare trigger study; more data needed for threshold setting

b. Review and Discussion of Action Items from Meeting #46:

Regarding topic #2 in HOP 172, the original action was closed. The SOT team agreed that Buheler's observation could be undertaken as an internal SOT run and that they would consider later HOP assignment if the observation needs to become synoptic

ACTION: agreed that Cirtain would introduce a discussion of flare trigger operation at the January meeting

Cirtain reported his survey of the use of synoptic data in publications. A first check suggested a comparatively small number of papers – one XRT and two EIS

ACTION: Golub will check use of XRT synoptic data and Cirtain will continue to track use of synoptic data; ongoing

Other actions are closed

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

- Following discussion of HOP-related publication numbers and the need to track HOP productivity, it was agreed that **Cirtain** would summarise possible mechanisms for this at the next SSC meeting

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

- 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 179** was run once on November 17th; needs further day for off disc-centre quiet sun observation; suggested for **late December** or **early January**; **still requires to be scheduled**

- **HOP 151** requires one further 40 hr run; schedule during SXT bake-out; run in the holiday period was not optimum so **scheduling of HOP 151 should be reconsidered**

ACTION: Berger and Cirtain will review current ToO HOP list, will establish a list of ToO programmes not yet run and a priority listing for those with similar targets; web formatting of list to be discussed with Bando-san; ongoing

e. Review of New Proposals and Scheduling of Observations

- no new HOP proposals were submitted

1. The continuing monthly observations are:

- **Multi-temperature Full Disk Slot Scans – Ugarte-Urra, Brooks, Warren; CORE HOP 130**

- programme to be run on **11th January** and **1st February**

- **Synoptic SOT Irradiance Scans – Berger; CORE HOP 79**

- programme to be run on **5th January (N-S)** and **6th January (E-W)**

- **Polar Monitoring - Shimojo; CORE HOP 81**

- programme to be run on **7th** and **8th January**

f. Other Business and Date of Next Meeting

- Following circulation of a summary for two months (Oct/Nov, 2010) use of the XRT flare trigger, **Grigis** described the results and circulated a link (XRT Snapviews) to a visual representation of the flare flag trigger times

After discussion, it was agreed that an overplot of trigger times on GOES lightcurves would be presented at the next SSC meeting for the 19 cases outlined in the summary (**ACTION: Grigis/Deluca**).

Triggering typically occurs at GOES C2/C3 for M-class flares.

- next meeting: **20th January**, 2011 at 07:00 JST; **19th January**, 2011 as appropriate in US and UK