

49th Hinode SSC Meeting on 25th February, 2011 at 07:00 JST

Short Summary, Conclusions and Actions

a. Program Status:

SOT instrument operation is nominal; Gradual increase in jitter due to speed-up of spacecraft momentum wheels will degrade image quality; larger issue in next eclipse season due to further wheel speed-up; ISAS developing a speed reduction procedure based on work done during debris avoidance planning; SOT team has not seen any increase in data loss; SOT recently enabled its flare trigger and has seen six good flare responses including recent X 2.2; Team will test high cadence spectro-polarimeter flare response using sparse raster

XRT has an anomaly believed due to a high energy particle hit in instrument processor; system reset performed and outcome awaited; XRT team has not seen any increase in data loss.

EIS nominal; Data loss encountered between Oct, 2010 and Jan, 2011; DARTS code changed but then restored to original format with so-far good results; EIS has had some useful flare studies with fast sparse raster study in recent flaring episode from AR 11158; First full flare trigger run in mid-April.

b. Review and Discussion of Action Items from Meeting #48

- No further responses to **Berger** on status of ToO HOP list other than those from **Sekii**; moves to establish a queue system to be operated as appropriate by COs at the daily meetings will continue.

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

- Use of XRT synoptic data with ground based eclipse observations and in coronal cavity studies reported by XRT Team (**Golub, Reeves**);

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

- Following scrub of the EVE calibration rocket launch on 23rd Feb, confusion exists regarding next WSMR launch opportunity.

ACTION: Mariska to inform SSC/Berger of new date to enable HOP 130 re-scheduling; currently announced by WSMR as 8th March

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

- scheduling for **HOP 101** to minimise overlap with SDO/HMI eclipse periods and conflicts with Hinode SAA-free time was agreed; small (1 – 2 day) displacements of **HOP 101** runs can be accepted

e. Review of New Proposals and Scheduling of Observations

1. Centre-to-Limb Variation of G-band Intensity – Chitta, Jain, Kariyappa; HOP 184

- in **Sekii's** absence, this was not discussed at the 48th meeting; now agreed and assigned HOP number; meantime SOT team have obtained ~ 180 minutes of test data

- begin scheduling after last HOP 101 run on 21st March and complete before May eclipse season start; now scheduled for **11th through 15th April**

2. Vector Magnetic Field Structure Within and Below Active Region Filaments – Lites, Berger; CORE Hop 166

- was run previously in September, 2010; no useful data due to weather conditions at VTT;

- request to reschedule for new VTT run on **17th through 24th July** was agreed; XRT (**Deluca**) will interact with **Lites** and **Berger** to clarify requirement on XRT observation mode

3. Long-term Dynamics of Prominences - Foullon, Berger; ToO HOP 183

- recently displaced by high priority flare watch; to be rescheduled as ToO after HOP 101 concludes

4. Requests for a re-run of modified **HOP 103 (Bemporad)** and for a new HOP to be run jointly with XRT synoptics (**Schwarz, Heinzl, Kotic**) will come to next SSC meeting

- **Culhane** will meantime investigate the possibility of combining HOP 103 with one of the remaining HOP 101 runs

5. The continuing monthly observations are:

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

- programme to be run on **16th March**

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

- programme to be run on **1st March (N-S)** and **2nd March (E-W)**

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

- extended six day programme scheduled for **22nd through 27th March**

f. Other Business and Date of Next Meeting

- next meeting: **25th March**, 2011 at 07:00 JST; **24th March**, 2011 as appropriate in US and UK
- note that the meeting will be on **Friday 25th JST** rather than the more usual **Thursday**
- note that US Daylight Saving time change will be on **13th March**; UK time will not yet have changed