

64th Hinode SSC Meeting on 20th June, 2012 at 07:00 JST

Short Summary, Conclusions and Actions

a. Program Status:

1. Instrument Status Review

SOT is still not nominal (see report of 63rd SSC). There is some contamination causing blurring and intensity changes over parts of the NFI field of view. It is not very noticeable in the 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

EIS is nominal; Venus studies tested; awaiting further XRT flare trigger tests

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

- Hinode **Venus Transit** observations (**HOP 209**) have been agreed; XRT bake-out scheduled for **6th June** can be moved by 1 – 2 days if required; SOT will require focus checks 5 – 6 days before the transit observations and these will be scheduled at weekly planning meetings

- it was suggested (**Mariska**) that given the one-off nature of this event, rehearsal of the proposed observations could be desirable; SOT team already plans to simulate first contact

- it was agreed that **Cirtain** would initiate a discussion of observation rehearsals with **COs** and **CPs** and inform the SSC of the outcome

ACTION: Cirtain to initiate discussion of Venus Transit observation rehearsals and summarise outcome for SSC

d. Review of New Proposals and Scheduling of Observations

1. Dynamic Events in the Quiet Sun Chromosphere: RBEs and Swirls – Scullion (eamonms@astro.uio.no); HOP 212

- joint observation with **SST/CRISP** on **La Palma**; ground-based time awarded **20th June to 3rd July**; observe 08:00 UT to 11:00 UT each day with prime interval 09:00 UT to 10:00 UT; see below for discussion of scheduling priority.

2. Emerging Flux Regions and Solar Filaments – Orozco-Suarez (dorozco@ias.es); HOP 213

- observation with **VTT/IAC/Tenerife**; ground-based time awarded **29th August to 7th September**; observe 09:00 UT to 14:00 UT each day; Targets: on-disk filaments and off-limb prominences. For prominence targets, Hinode to support with either **HOP 73** or **HOP 114 (CP choice)**.

ACTION: Berger to circulate discussion of appropriate HOP use to COs

3. Coordinated Sunspots Observations with the GREGOR Solar Telescope and the Vacuum Tower Telescope – Denker (cdenker@aip.de); Hinode Contacts: Berger (berger@lmsal.com); Sekii (sekii@solar.mtk.nao.ac.jp)

- observation with **VTT/IAC/Tenerife and GREGOR solar telescope**; ground-based time awarded **19th June to 30th June**; observe 08:00 UT to 12:00 UT each day

- due to unavailability of **GREGOR** following an electrical fault, observation would be with VTT only

- agreed that **Denker** should be informed of Hinode/SOT AR target each day and invited to follow Hinode observation with VTT; no **HOP** designation assigned

NOTE on Priority: HOP 212 should get highest priority for its disc centre quiet Sun observation during its prime one hour observing slot each day; to be overridden only by a major flare alert

ACTION: Cirtain will remind COs of HOP 212 priority on Wednesday, 13th June

4. The continuing monthly observations are:

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

- run on **26th June** (N-S) and **28th June** (E-W)

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

- run on **22nd** and **23rd June**

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

- scheduled for **19th June**

e. Date of Next Meeting

- next meeting: **21st June, 2012** at 07:00 JST; **20th June, 2012** as appropriate in US and Europe

f. AOB

- action is on-going regarding the **MSFC SUMI** and **Hi-C** rocket launch campaigns;
- following the range meeting held on **15th May**, **Cirtain** has circulated details of the outcome to the rocket team members and the IBIS observers involved; on receiving their agreement, he will circulate details of proposed Hinode support observations to **SSC** next week
- launch dates: **SUMI/July 5th at 17:54 UT** and **Hi-C/July 11th at 17:58 UT**; times are adjustable by \pm 30 min to avoid Hinode eclipses; **HOP 77** will be run for both launches

ACTION: Cirtain to circulate final Hinode support observation details to SSC