

57th Hinode SSC Meeting on 20th October, 2011 at 07:00 JST

Short Summary, Conclusions and Actions

a. Program Status:

1. Instrument Status Review

SOT is nominal

XRT is nominal

EIS is nominal; successful internal (He II) flare trigger test done; testing to establish trigger levels will continue; XRT trigger operation to be tested in November

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 Meeting #56

- several outstanding actions from **SSC #56** and from the **Palermo 4th SWG** were addressed at the recent **5th Hinode SWG** meeting in Boston. Outcomes will be recorded in the SWG minutes to be circulated by **Cirtain** in the next week

- 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

Other actions are closed or ongoing

c. Review/Discussion of Open HOPs and ToOs

- SSC confirmed that **Berger** should now add **HOP 176** to the mission calendar

- due to incorrect pointing for a previous run, it was agreed that **HOP 182** for polar granulation tracking (**Roudier**) should be scheduled by **Berger** to follow the **November HOP 81** run. It requires 3 – 5 hours observing time with no GB coordination

d. Review of New Proposals and Scheduling of Observations

1. Line Shift vs. Temperature with Estimate of Absolute Velocity: Joint Observation with SUMER – Teriaca (teriaca@mps.mpg.de), Dadashi; HOP 205 (previously HOP 193)

- previous EIS observation affected by Hinode eclipse season

- schedule during the **9th to 16th November SUMER** operation interval; currently preferred dates **11th, 13th and 15th November**

ACTION: Culhane a) to confirm that the SUMER on-disc exposures will be sufficient to register the Fe XVIII line, b) to transmit preferred SOT observing for on- and off-limb pointings and c) to obtain new HOP text from proposers

NOTE: SUMER studies of Fe XVIII line emission will be in fact undertaken separately as part of a joint EIS Core Team observation. Preferred SOT observing modes and new HOP text will be inserted in the HOP list text.

2. Comparison of the Horizontal Velocity Fields Measured in HINODE and SDO Observations over the Sun Surface – Roudier (thierry.roudier@ast.obs-mip.fr), Berger/SOT (berger@lmsal.com); HOP 182

- run on **26th November**
- no request to EIS

3. The continuing monthly observations are:

- **Multi-temperature Full Disk Slot Scans – Ugarte-Urra, Brooks, Warren; CORE HOP 130**
- scheduled for **1st and 22nd November**
- **Polar Monitoring - Shimojo; CORE HOP 81**
- scheduled for **4th and 5th November** (displaced October run) and **25th/26th November**
- **Synoptic SOT Irradiance Scans – Berger; CORE HOP 79**
- scheduled for **29th November (N-S)** and **1st December (E-W)**

f. Other Business and Date of Next Meeting

- **Cirtain** passed the congratulations of **John Davis** (previous SSC Chair) to the **SSC** on the successful completion of **Hinode's** fifth operational year
- the meeting attendees congratulated **DeLuca** and the **SAO team** on a highly successful **Hinode 5** meeting
- the meeting attendees congratulated **Cirtain** following his receipt of the **Presidential Early Career Award for Scientists and Engineers**
- next meeting: **17th November**, 2011 at 07:00 JST; **16th October**, 2011 as appropriate in US and Europe; note upcoming daylight saving time change