

33rd Hinode SSC Meeting on 22nd October, 2009 at 07:00 JST

Short Summary, Conclusions and Actions

a. Instrument Status:

SOT nominal; Investigation of small (~10" diameter) low-contrast "pupil images" in NFI data is beginning. Believed to be dust or other contaminants in the beam path, not bubbles (they do not move with tuning). Flat fielding is able to remove the artifacts entirely.

XRT nominal; beginning a thermal test programme involving standard bakeout, one week cool down, bakeout, restore heaters and normal operation

EIS nominal; will test bright point trigger response in the next month

b. Review and Discussion of Open HOPs and ToOs

- no items this month

b1. Additional Items:

1. Hinode pass schedule

- Shimizu-san circulated a Hinode downlink pass schedule summary and pointed out the periodicity in number of passes per week

- suggested that data volume-intensive HOPs could be scheduled to take advantage of this

- Cobb reported that the NASA McMurdo station would be unavailable November 2010 to March 2011

2. Editing of HOP List

- Harra suggested that it would be useful if the SSC members were able to edit the HOP list so as to update more recent decisions on study structure as the time for an observation approached; currently some risk of inconsistencies between different information sources for COs; Berger supported the suggestion

- agreed that one SSC member per instrument should be enabled to do this

Action: instrument PIs to nominate individuals and inform Watanabe-san who would then agree any ground rules for this activity with the individuals

3. Communication from ground-based observers during joint observing campaigns

- Shimizu-san drew attention to a recent overloading of the mission observing schedule; HOPs involving ground-based facilities were particularly difficult to handle

- SSC agreed to remind ground-based observers of the need to inform Hinode COs/CP of their local weather forecast and day-to-day weather situation and also about the quality of the acquired data each day

Action: Berger undertook to draft a standard request to ground-based observers for circulation with each HOP approval announcement and to be maintained on the Hinode website

Action: Davis/Culhane to review and circulate to SSC for their final agreement

c. Review of New Proposals and Scheduling of Observations

1. Center-to-limb observation to study the dynamics of magnetic-hydrodynamic waves between the photosphere and the corona with SOT and EIS - Fujimura, Berger; HOP 142

- HOP statement required up to three hours per day but did not specify how many days
- Plage or XBP were suggested targets but concern expressed on viability of latter

Action: Berger to request further information from Fujimura-san

2. Super resolving analysis of photospheric layers using a differential cross-correlation technique - Faurobert, Berger; HOP 143

- similar observation plan to the irradiance scan (HOP 79) but with different SP useage
- run 13th November (NS) and 14th November (EW)

3. High spatial resolution scattering polarization observations in Ti I 5644A and Na I D2 – Fischer, Berger; HOP 138 (agreed at previous SCC meeting)

- run in interval 18th to 27th November; Dunn/IBIS campaign; optimum 14:00 UT to 16:00 UT
- observe quiet Sun targets at limb

4. In addition to the above, the continuing monthly observations

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

- EIS long-term programme will be scheduled for

- 17th November

- Synoptic SOT Irradiance Scans – Berger, HOP 79 will be scheduled for

- 29th November (NS) and 30th November (EW)

- Polar Monitoring - Shimojo, HOP 81 will be scheduled for

- 27th and 28th November

d. Other Business and Date of Next Meeting

- next meeting on 19th November at 07:00 JST; 18th November as appropriate in US and UK.
- note daylight saving time change