

35th Hinode SSC Meeting on 17th December, 2009 at 07:00 JST

Short Summary, Conclusions and Actions

a. Instrument Status:

SOT nominal; No operational restrictions.

XRT currently using single medium Al filter; anticipates moving one filter wheel to open position thus enabling later use of filters on the second wheel. Hope to resume normal operation shortly.

EIS nominal, no operational restrictions.

b. Review and Discussion of Action Items from Meeting #34

- outstanding actions from 34th and previous meetings have been completed

c. Review/Discussion of Open HOPS and ToOs

1. Flux replacement in the photospheric network and internetwork – Bellot Rubio, HOP 151

- determine time scales for network and internetwork flux replacement by ephemeral regions and small-scale emerging fields

- track the same supergranular cell with SOT/NFI in QS region at disc centre,

- fits well with science of already agreed **HOP 149 (Observation of Emerging Magnetic Flux near Disc Centre – Harra)** for the holiday period (**30 Dec to 4 Jan**)

- as submitted requires 47% increase in SOT TLM allocation and a smaller FoV than HOP 149

- SOT team to discuss a) constraints to achieve compatibility with HOP 149 or b) later dedicated run

ACTION: Tarbell

2. Solar oxygen abundance from observations in [O I]/Ni I 6300 Å line – Vitas

- measure Oxygen abundance with high spatial resolution by resolving above blend in a) QS/plage and b) Sunspot; Sun centre observation

- resubmit proposal for QS/plage observation only

- Sunspot observation will be assessed later for ToO HOP status following evaluation of QS/plage data

ACTION: Certain to inform proposers of SSC conclusions

3. Hot (QS) Coronal Plasma at T > 10MK: Good Imaging and Spectral Studies at Last – Ishibashi

- sample hot tenuous coronal plasma using XRT as a photon-counting device

- observe selected faint nebulous patch in a high-latitude region near pole

- prefer coordination with Coronas-Photon TESIS; observe for 1.5 days continuously; increase XRT TLM allocation by 40% for two OP intervals
- proposal to be further discussed by XRT team and resubmitted.

ACTION: Deluca to inform proposers

d. Review of New Proposals and Scheduling of Observations

1. Flux replacement in the photospheric network and internetwork – Bellot Rubio, HOP 151

- HOP designation assigned by SSC; see c) 1 above for details
- SOT team to consider optimum observation schedule

ACTION: Tarbell

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

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

- programme has been scheduled for 29th December and 19th January
- **Synoptic SOT Irradiance Scans – Berger, HOP 79** will be scheduled for
 - dates to be advised and entered on HOP calendar

ACTION: Berger

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

- dates to be advised and entered on HOP calendar

ACTION: Berger

d. Other Business and Date of Next Meeting

- the SSC noted that several Sunspot and other AR observations currently in the Hinode HOP list as ToOs have not yet been run
- ideally such runs should be suggested by the HOP proposer but it was in addition agreed that the SSC would regularly monitor the status of ToO HOPs at each monthly meeting
- need for an additional SSC agenda item to discuss possible ToO HOP candidates and where necessary discuss status with the proposers

ACTION: Cirtain

- next meeting on 21st January, 2010 at 07:00 JST; 20th January, 2010 as appropriate in US and UK