

36th Hinode SSC Meeting on 21st January, 2010 at 07:00 JST

Short Summary, Conclusions and Actions

a. Instrument Status:

SOT nominal; No operational restrictions.

XRT nominal; now operating with flare flag enabled.

EIS nominal; no operational restrictions.

b. Review and Discussion of Action Items from Meeting #35

- need confirmation that proposers of Solar Oxygen Abundance (Vitas et al), were informed of SSC decision from meeting #35; **ACTION: Certain**

- other outstanding actions from 35th and previous meetings have been completed

c. Review/Discussion of Open HOPS and ToOs

1. Scheduling of QS and CH HOPs in conditions of increasing solar activity

- following the recent need to reschedule HOP 146 and HOP 151 to accommodate AR 11041 observations, the SSC was asked to consider declaring all QS and CH HOPS as ToOs to be run at times of minimal solar activity in the future

- alternative position would involve inability of XRT to support any long exposure observations during active solar conditions

- agreed that HOPs with joint ground-based observations would continue under present protocol

- agreed that since evolution time scale of solar activity was short, while other HOPs should continue to be scheduled at SSC meetings, a) weekly and daily meetings should be fully prepared to reschedule HOPs in conditions of high solar activity and b) QS/CH HOP proposers should clearly state their scheduling flexibility in relation to their science aims

d. Review of New Proposals and Scheduling of Observations

1. Magnetoseismology of Magnetic Bright points – Erdelyi, Jess; HOP 152

- involves joint observation with ROSA and IBIS on DST; use high cadence observations to track MHD waves to a) clarify photosphere to corona wave coupling, b) topological magnetic connectivity and c) efficiency of wave energy dissipation

- scheduled DST time: 8 to 17 March

- clarification requested for use of two EIS rasters; concern at small 4" raster wrt spacecraft jitter

ACTION: Culhane to clarify with proposers

2. Stokes Polarimetry of Photosphere and Chromosphere in Active Regions with DST/FIRS and /IBIS – Judge; HOP153

- study active region magnetic structure from the photosphere to the coronal base
- scheduled DST time 28 January to 5 February; will run alongside HOP 147 in February; HOP 79 (E-W) rescheduled to 27 January

3. 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 9th February

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

- 23rd February (N – S) and 25th February (E – W)

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

- 21st and 22nd February

d. Other Business and Date of Next Meeting

- SSC will continue to monitor the status of ToO HOPs at each monthly meeting and where necessary discuss status with the proposers

ACTION: Certain, SSC HOP proposal contacts

- next meeting on 18th February, 2010 at 07:00 JST; 17th February, 2010 as appropriate in US and UK