

73rd Hinode SSC Meeting on 14th February, 2013 at 07:00 JST

Short Summary, Conclusions and Actions

a. Program Status:

1. Instrument Status Review

SOT not quite nominal (see report of 63rd SSC); blurring and intensity changes visible for 5% - 10% of the NFI field of view; recent worsening involves increased contrast of bubbles – possibly due to increased ambient temperature; NFI observations may take a little longer; everything else is nominal with SOT.

XRT is nominal

EIS is nominal; new onboard software was successfully uploaded at the end of January - mostly an update to deal with the EIS response to the XRT trigger more effectively; Murphy has yet to oblige for us to test it properly; UKSA will be reviewing the currently status on Hinode in March.

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

AGREED: Telemetry allocation: 55% SOT; 15% XRT; 30% EIS for runs of ToO HOP 188

3. HOP Prioritisation

- SSC asked by **SWG** 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

b. Previous Action Items

- **ACTION on Cirtain to summarise for Shimizu-san the discussion of introducing a one month lead-time from SSC approval to implementation of new HOPs.**

- **ACTION: Cirtain to revise the document to include current planning and upload timing details and circulate to SSC for discussion at the next meeting.**

- following discussion with **Shimizu-san**, it has been agreed that both actions will be **put on hold** pending definition and agreement for the new mission operations plan to be implemented in late 2013.

- other actions have been closed

c. Review/Discussion of Open HOPs and ToOs

Routine **HOPs (81, 130 and 79)** are ongoing; **XRT bakeout** also scheduled during **March**

d. Review of New Proposals and Scheduling of Observations

1. Dynamics and Physical Properties of Large Scale Coronal Waves (EIT Waves) – Gomory, Veronig; ToO HOP 180

- following successful observations in February, 2011, further run of HOP 180 agreed during **March** subject to nomination of suitable AR by the proposers
- modified studies using different density-sensitive line pairs will be available from ~ **4th March**; HOP will retain its **HOP 180** designation

2. Joint Solar Flare Observations with DST/ROSA and /IBIS – Milligan; ToO HOP 188

- run in response to **Max Millenium DST Flare Campaign** alert which will indicate increased probability for flares of GOES class **C5** or greater; observing slot **14:30 UT to 18:30 UT** for DST coordination; possible running of this HOP in the weeks beginning **11th** and **18th March**
- agreed that EIS telemetry allocation be **increased from 15% to 30%** during **HOP 188** runs; SOT allocation: **55%**; XRT Allocation: **15%** (unchanged)

ACTION: Culhane to inform Milligan that a request for increased EIS telemetry allocation must be made to the SOT team no later than the first daily meeting for each Hinode planning period e.g. Monday morning JST for Tuesday upload - completed

ACTION: Cirtain to confirm with Shimizu-san that this notice period is sufficient

NOTE: Following the meeting, it was stated that members of the proposing group would be observing at DST in the periods 2nd to 10th March and 16th to 25th March, making these preferred observing intervals in the event of suitable flare activity

3. Polar Panorama Map for Understanding Polar Reversal in Cycle 24 – Shimojo; HOP 206

- target will be South polar region; obtain data for **South Pole**; schedule every three days during **March**; starting **1st** and **4th**

also from last week

4. EUV/Xray jets from coronal holes and active regions and the origin of the solar wind – Madjarska, Galsgaard, Doyle; ToO HOP 228

- joint observation with **SWAP** in off-point mode; four days of observation agreed for the period **13th to 22nd March**; ToO status assigned given request for Coronal Hole target; active region target also said to be possible

The continuing monthly observations are:

- **Polar Monitoring - Shimojo; CORE HOP 81**
- run on three days to be selected from the period **3rd through 8th March**

- **Multi-temperature Full Disk Slot Scans – Ugarte-Urra, Brooks, Warren; CORE HOP 130**
- run on **26th February** and **19th March**

- **Synoptic SOT Irradiance Scans – Tarbell; CORE HOP 79**
- run on **26th March (NS)** and **28th March (EW)**

- **XRT bakeout** scheduled for **6th** and **27th March**

e. Date of Next Meeting

- next meeting: **21st March, 2013** at 07:00 JST; **20th March, 2013** as appropriate in US and Europe

f. AOB

- no other business