

72nd Hinode SSC Meeting on 17th January, 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) but has improved significantly. Blurring and intensity changes now visible for only 5% - 10% of the NFI field of view. Everything else is nominal with SOT.

XRT is nominal

EIS is nominal; there will be an onboard software upload in the interval 23rd – 26th January when the instrument will be unavailable for observations

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

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

4. Spacecraft Attitude Reference Change – IRU-A (X,Y,Z) to IRU-A (X,Y,S)

Cirtain had asked Shimizu-san several questions regarding the above on behalf of MSFC management. Their email exchange was copied to SSC. The answers were reassuring but it was agreed that the transition needed to be handled carefully. There were no further questions from SSC who agreed that the questions and resulting dialog had been helpful in clarifying the issues.

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.**

- **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** and **EIS software upload** are also scheduled during **January**

HOP 217: Determination of the properties of families of solar granules and formation of the photospheric network; Roudier, Tarbell et al., was run during the holiday period; data obtained for **only 32** of the requested **48 continuous hours** due to data loss and there was no Coronal Hole available at disc centre;

It was agreed that **HOP 217** be retained in the programme as a **ToO** pending quiet conditions and a suitable on-disc Coronal Hole being available for a **48 hour continuous observation**

d. Review of New Proposals and Scheduling of Observations

1. On-Disk Observations of Jet Features – Moore, Sterling, Yurchyshyn; ToO HOP 227

- following discussion of an outline at the last SSC meeting, a more detailed text was discussed; SOT team agreed that operation in H α blue wing was acceptable; observing times up to 3h/day possible; proposers would prefer Coronal Hole target but could accept AR – hence ToO status agreed

ACTION: Certain to clarify observing strategy with Ron Moore

2. 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

ACTION: Culhane to clarify observing strategy with Maria Madjarska and to explain the need for HOP termination during a flare alert

The continuing monthly observations are:

- **Polar Monitoring - Shimojo; CORE HOP 81**
- run on two days to be selected from the period **6th through 12th February**
- **Multi-temperature Full Disk Slot Scans – Ugarte-Urra, Brooks, Warren; CORE HOP 130**
- run on **5th and 26th February**
- **Synoptic SOT Irradiance Scans – Tarbell; CORE HOP 79**
- run on **19th February (NS)** and **21st February (EW)**

e. Date of Next Meeting

- next meeting: **17th January, 2012** at 07:00 JST; **16th January, 2012** as appropriate in US and Europe

f. AOB

- **Cirtain** reported that the **Hi-C Nature Paper** would appear next week; shortly afterwards Hi-C data would be available to the community on the MSFC website