

71st Hinode SSC Meeting on 20th November, 2012 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 currently planned for **23rd – 25th January**; change required to optimise response to XRT flare trigger; process will need three days - two for upload and verification and one for contingency; no EIS science data during this time

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

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.

c. Review/Discussion of Open HOPs and ToOs

Transit of Venus seen from Saturn – Sterling et al.; although introduced late to the programme, was designated as **HOP 225 and scheduled for 22nd December**

Determination of the properties of families of solar granules and formation of the photospheric network; Roudier, Tarbell et al., - HOP 217; was designated as **prime HOP for the Holiday period of 27th December through 7th January**

- requires periods of **at least 48 hours continuous running** with a **disc-centre Coronal Hole** as the **preferred target for EIS**

d. Review of New Proposals and Scheduling of Observations

1. Diagnostics of Non-Maxwellian electron distributions in the solar corona - Mackovjak, Dzifcakova, Dudik, Williams; HOP 226

- HOP requires validation of two new EIS studies; following completion of EIS software uploads (**23rd – 25th January**), HOP should be scheduled in the week **beginning 28th January**
- XRT filters should be chosen to provide optimum constraint for high- T_e active region DEM
- repeating observation on two consecutive days is required

2. On-Disk Observations of Jet Features – Moore, Sterling, Yurchyshyn

- outline proposal for study of rapid blue-shifted events in spicules submitted to **Tarbell**
- **agreed that more detail was required prior to next SSC meeting**

ACTION: Cirtain to request a more detailed submission from Ron Moore

The continuing monthly observations are:

- **Polar Monitoring - Shimojo; CORE HOP 81**
- run on two days to be selected from the period **9th through 15th January**
- **Multi-temperature Full Disk Slot Scans – Ugarte-Urra, Brooks, Warren; CORE HOP 130**
- run on **15th January**
- **Synoptic SOT Irradiance Scans – Tarbell; CORE HOP 79**
- run on **22nd January (NS) and 24th January (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 **John Davis** was now out of hospital, was looking better and sent greetings to the SSC
- he agreed to transmit SSC's good wishes to **John**