

70th Hinode SSC Meeting on 15th 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; non-acceptance of a command during the recent solar eclipse has led to below optimal images

EIS is nominal; there will be an onboard software upload currently planned for **7th January**; change required to optimise response to XRT flare trigger; process will need three days - two for upload and verification and one for contingency; details to be provided to **Shimizu-san** in mid-December

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 HOPs is on-going**

- need for ground-based observers to give Hinode COs their observation pointing and other details in good time for pointing uploads to the spacecraft was highlighted; updated guidance on Hinode planning guidelines need to be prepared and circulated

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

c. Review/Discussion of Open HOPs and ToOs

- **HOP 224** – support of **Cairns Solar Eclipse** observations completed successfully on **13th November**; ground observations by **Koutchmy** obtained good emission spectra during totality; reports awaited from other ground-based observers

- **HOP 214** – support of **EUNIS** rocket launch at **WSMR**; Hinode Team needs to know new launch date

ACTION: Certain to request information from Rabin/Brosius at GSFC. Completed

- provisional launch date: **15th December**

d. Review of New Proposals and Scheduling of Observations

1. EPO Campaign Observation mainly for High School Students – Yaji; HOP 173

- run from **17th to 22nd December**
- **Yaji-san** to agree details with COs

2. Determine properties of families of solar granules and formation of the photospheric network; Roudier, Rieutord, Malherbe, Tarbell - ToO HOP 217

- previously **HOP 21**; requires **48 hr** continuous observation around disc centre with no ARs in SOT FoV; preferred target for this observation is an on-disc CH; EIS could observe this also but will be unavailable for three days from **7th January** due to a software upload
- agreed that this HOP was a good candidate for the Christmas holiday period i.e. week beginning **27th December**; final schedule to be decided at **December SSC Meeting**

The continuing monthly observations are:

- **Polar Monitoring - Shimojo; CORE HOP 81**
- run on **28th/29th November**; additional run on **8th/9th December** for **B= 0 deg** condition
- **Synoptic SOT Irradiance Scans – Tarbell; CORE HOP 79**
- run on **18th December (NS)** and **20th December (EW)**
- **Multi-temperature Full Disk Slot Scans – Ugarte-Urra, Brooks, Warren; CORE HOP 130**
- run on **4th and 25th December**

e. Date of Next Meeting

- next meeting: **20th December, 2012** at 07:00 JST; **19th December, 2012** as appropriate in US and Europe

f. AOB

- **Certain** reported that a smaller group discussion of Hinode cruise phase operation plans would be held before the main **SWG** telecon on **28th/29th November**