

78th Hinode SSC Meeting on 19th July, 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 now visible for **20% - 25%** of the NFI field of view; NFI observations remain possible but will take a little longer; everything else is nominal with SOT; bakeout of SOT/FG CCD successfully completed on 18th July

XRT is nominal; CCD bakeout in progress.

EIS is nominal; EIS/AIA offset measurements continue in preparation for joint IRIS 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

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.

- following the meeting, **Tarbell** and the **IRIS Team** have clarified the position regarding the coordinated **IRIS - SST (LaPalma)** campaign planned for the period **25 August - 3 October** (see item **d.** below)

- other actions have been closed

c. Review/Discussion of Open HOPs and ToOs

- routine **HOPs (81, 130 and 79)** are ongoing

d. Review of New Proposals and Scheduling of Observations

1. Interaction between Coronal Magnetic Field and Coronal rain through MHD Waves – Antolin (patrick.antolin@wis.kuleuven.be); HOP 234

- request **1hr per day** in the interval **4th to 12th August**
- observe limb AR **jointly with IRIS**
- IRIS team will not have generally available observation plans by August 4th
- team will communicate its observing plans in time for the observers at SST each day.

ACTION: Tarbell on behalf of IRIS and Hinode teams to interact with Antolin

2. Detailed Magnetic and Thermal Study of an AR – White (white@kirtland.af.mil, white@astro.umd.edu); HOP 233

- coordinated observation with VLA; observe in interval **3rd to 4th August, 16:00 UT to 22:00 UT** but observation within a 24 hour interval acceptable; exact time will be communicated to Hinode team but probably **August 3rd, 15:50 UT to 21:50 UT**

3. Coordinated Observations between Hida Observatory and Hinode –

UeNo (ueno@kwasan.kyoto-u.ac.jp), Ichimoto (ichimoto@kwasan.kyoto-u.ac.jp); HOP 128

- campaign as in previous years
- observing intervals: **12th August to 24th August; 00:00 UT to 01:00 UT minimum** but 5 hr per day desirable
- following previous discussion, SSC agreed that this HOP has been productive and should be put on the mission calendar

4. Support of VERIS Sounding Rocket Campaign – Vourlidis (angelos.vourlidis@nrl.navy.mil), Ugarte-Urra (iugarte@ssd5.nrl.navy.mil); HOP 235

- very high resolution EUV spectrometer to be launched from WSMR on **8th August, 18:00 UT to 18:40 UT**
- XRT bakeout time can be rescheduled
- IRIS team will coordinate fully with VERIS team

ACTION: EIS team (Ugarte-Urra) and Tarbell to discuss IRIS schedule development

5. Jets and Solar Wind Origin – Madjarska (madj@arm.ac.uk), Doyle (jgd@arm.ac.uk); West (mwest@oma.be) HOP 228

- joint observation with **Proba/SWAP**; run successfully in March
- request for **3 days** support for **3 hr/day** in interval **30th September to 5th October**
- should be scheduled to avoid conflict with **daily IRIS observations**
- could possibly be accommodated if **HOP 228** schedule can allow running at any time of day and does not have large TLM demands

ACTION: Culhane to inform Madjarska who should then discuss the actual IRIS schedule with Tarbell

6. Proposed IRIS - SST (LaPalma) Campaign

Following the launch of **IRIS** on **27th June**, comments relating to the the planned **SST-IRIS-Hinode** campaign in September have been provided by the IRIS Team as requested by SSC at its last meeting

- the team requests a HOP number for this coordinated **IRIS - SST (LaPalma)** campaign planned for the period **25 August - 3 October** and will provide a more detailed HOP description in the near future
- IRIS will most likely be executing the **45 day plan** throughout most of this time period.
- best coordination time is from **09:00 to 12:00** La Palma time or **08:00 UT to 11:00 UT**.
- **IRIS** should focus on high cadence runs, such as sit-and-stare, with small or medium rasters
- the typical observation for the 45-day-plan is to dwell on one target e.g., an active region, for many hours, with a variety of shorter (typically 1 hour) observing programs during this time
- the **IRIS** planner would typically schedule large raster scans for context before or after the La Palma time so that high cadence runs may be used during La Palma time.
- the **IRIS 45-day plan** has a variety of targets: AR sunspot, AR plage, QS, CH, filament on disk, and AR, QS, CH, prominence at the limb; a total of 9 different targets
- in the 45 day plan, these targets are observed repeatedly but at varying **μ angles** every few days
- the goal should be to get good datasets for all of these different targets, in order of priority
- the exact priority order is still to be determined but limb observations will initially be of lower priority than disk observations given the extreme difficulty of obtaining good datasets at the limb from the SST

The continuing monthly observations are:

- **Polar Monitoring - Shimojo; CORE HOP 81**
- run on two days to be selected from the period **6th through 12th August**; use fast scan
- **Multi-temperature Full Disk Slot Scans – Ugarte-Urra, Brooks, Warren; CORE HOP 130**
- run on **13th August**
- **Synoptic SOT Irradiance Scans – Tarbell; CORE HOP 79**
- run on **20th August (NS) and 22nd August (EW)**

e. Date of Next Meeting

- next meeting: **15th August, 2013 at 07:00 JST; 14th August, 2013** as appropriate in US and Europe

f. AOB

- there was no other business