

146th Hinode SSC Meeting on 28th March, 2019 at 07:00 JST

Short Summary, Conclusions and Actions

a. Program Status

1. Instrument Status Review

SOT operating without its Filtergraph (FG) camera following an electronic fault. Spectro-Polarimeter (SP) and Correlation Tracker (CT) are nominal.

Tarbell is on sick-leave. **De Rosa** is standing in.

XRT is nominal.

EIS is nominal.

Harra will leave MSSL in late May. SSC will be informed on EIS team restructuring before its next meeting.

2. Report on Changes to Instrument Telemetry Allocation

There are no further reports on telemetry allocation changes

3. FM Calendar

Hinode focus mode calendar has been updated. Upcoming sounding rocket launch dates are included.

4. 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

Savage circulated the list of programmes from the previous Senior Review submission.

There have been no requests for **ALMA** support. **De Pontieu** will discuss with the **ALMA** team.

HOP 367 was not run as planned; it should be rescheduled to run just before focus mode restart in **May**.

XRT observation of the July eclipse should be supported by the same **EIS** observations as used for its 21st, August, 2017 eclipse observations.

Preparations by **DeLuca** of a HOP for support of the **AirSpec IR** eclipse observations are continuing.

IRIS and **Hinode** support for the **CLASP-2** sounding rocket flight was agreed; studies are in place.

Some difficulties continue with the Vidyo planning tool; a downloadable package from NASA does work; NASA suggests continued use of Vidyo.

Progress has been made in clarifying recently introduced NASA travel arrangements but some issues remain. These are being worked.

c. Review/Discussion of Open HOPs and ToOs

- routine **HOPs 79, 81 and 130** were run as planned during **March**; dates were agreed for **April**
- need for support of continuing **ALMA** observations will be monitored; following the meeting, **Savage** circulated an update on **ALMA** status
- **Reeves** will track **NU-STAR** schedule to establish if support is required
- further runs of **HOP 364** will be deferred until after **10th April**
- **EUNIS** launch date has been delayed; new launch date is uncertain but may be in **September**
- **HOP 366** to support the next **Parker Solar Probe** perihelion is ready to run; begins on **30th March**
- **HOP 367** was not run as planned and should be rescheduled to run in **May**
- **Hinode** support plans for **CLASP** flight are in place and ready for **1st April** launch
- **WHPI** campaign was run successfully and should be run again in **April**

d. Review of New or Updated Proposals and Scheduling of Observations

1. Coupling between Photospheric and Chromospheric Processes during the Evolution of Active Regions - Lindner (lindner@leibniz-kis.de), Bello-Gonzalez (nbello@leibniz-kis.de), Schlichenmaier (schliche@leibniz-kis.de), Tarbell/Shine/SSC; HOP 371

- observe atmospheric parameters above evolving Active Regions for multiple height levels in the photosphere as well as the chromosphere
- coordinated observations with the Swedish 1-meter Solar Telescope (SST)
- dates: **16th to 24th April**; interval covers the related SST observing campaign
- time window: **08:00 UT - 13:00 UT** preferred to ensure optimum SST seeing
- targets: prefer an AR where a sunspot is under evolution; if no AR is on the disk, quiet-sun observations will be conducted as a backup supported by Anjali Kaithakkal and Catherine Fischer
- **SOT** and **IRIS** support requested; no **EIS** or **XRT** involvement

Continuing monthly observations are:

- **Polar Monitoring - Shimojo; CORE HOP 81**
- run on **16th April** (N pole fast) and **18th April** (S pole fast)
- **Synoptic SOT Irradiance Scans – Tarbell; CORE HOP 79**
- run on **23rd April** (N/S only)
- **Multi-temperature Full Disk Slot Scans – Ugarte-Urra, Brooks, Warren; CORE HOP 130**
- run on **9th and 30th April**

e. Monthly Science Reports

- next **Hinode** monthly science report will be prepared by the **SOT Team**; work is ongoing; **Savage** will coordinate this report with **S. Tiwari**
- **NOTE:** Science chart site access has been changed due to IT requirements; **Savage** has established a new Google drive site for template and previous chart
- provide one summary slide for Hinode team management at MSFC and two additional slides for NASA HQ

f. Date of Next Meeting

- next meeting: **18th April, 2019** at **07:00 JST**; **17th April, 2019** as appropriate in US/Europe

g. AOB

Work on establishing the Vidyo tool is ongoing.

Progress has been made in clarifying the process of planning and seeking approval for NASA-supported foreign travel but work will continue.