

119th Hinode SSC Meeting on 22nd December, 2016 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.

XRT is nominal.

EIS is nominal.

2. Report on Changes to Instrument Telemetry Allocation

Tarbell reported that the new planning software and procedures are working well. There have been instances of low SOT allocation affecting ALMA observations. Tarbell will remind SOT planners about this. It was agreed that the monthly telemetry usage reports could be discontinued.

3. ALMA

Kobelski reported that observations were proceeding reasonably well. Information circulation was slower than ideal but acceptable. One late request by ALMA to change pointing might have resulted in IRIS-ALMA mis-alignment for one observation (prominence at 18UT on Dec 18). However the ALMA coordinates were adjusted so IRIS and ALMA observed the same target. A number of observations will be required in the April slot. Details will be circulated as soon as they are available. There is a need to check ALMA observation during Hinode focused mode.

4. FM Calendar

Hinode will switch to focused mode on 5th January, 2017.

5. 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 has circulated a description of the current telemetry allocation planning procedure.

c. Review/Discussion of Open HOPs and ToOs

- routine HOPs 130, 79 and 81 were run as planned during August
- following discussion, dates for the January running of HOPs 130, 79 and 81 were agreed. HOP

130 will be run once only during **January**.

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

1. Flux Cancellation and Magnetic Flux Rope Formation - Woods (magnus.woods.15@ucl.ac.uk), Yardley, Green, Baker, Culhane/SSC (j.culhane@ucl.ac.uk); HOP 331

- target: Active Region to be tracked for 7-8 days during east to west limb transit
- schedule: run in interval **21st - 29th February** if suitable AR is available
- run EIS study #513 once each day during SAA-free period; duration: 2hr 7min
- other instrument and IRIS modes are given in HOP list; EIS team asked to suggest the preferred SOT field-of-view

2. Active Region Jet Studies with Hinode and IRIS - Mulay (smm96@cam.ac.uk), Del Zanna, Mason, Culhane/SSC (j.culhane@ucl.ac.uk); ToO HOP 332

- study the relationship between cool and hot components present in Active Region jets using EIS, IRIS and XRT observation
- run on suitable on-disc AR; point at western side of leading sunspot region
- run EIS study #361; observe continuously for at least 6 hr
- XRT and IRIS requests are given in HOP list; XRT team suggest reduced FoV to conserve TLM; IRIS team have suggested a low rate version of the requested programme
- SOT observations were not requested by the proposers; SOT team has suggested two independent possibilities which are described in the HOP list

NOTE: A new HOP request for joint observations with SOHO/SUMER will be submitted to the January SSC meeting by Vial and colleagues.

The continuing monthly observations are:

- **Polar Monitoring - Shimojo; CORE HOP 81**
- run on **10th January** (N pole fast), and **12th January** (S pole fast)
- **Synoptic SOT Irradiance Scans – Tarbell; CORE HOP 79**
- run on **19th January** (N/S only)
- **Multi-temperature Full Disk Slot Scans – Ugarte-Urra, Brooks, Warren; CORE HOP 130**
- run on **17th January**

These dates may change depending on the final **ALMA** schedule.

e. Monthly Science Reports

- next **Hinode** monthly science report will be prepared by the **SOT Team** by **10th January**
- see http://hinode.msfc.nasa.gov/science_charts/ for template and previous charts

f. Date of Next Meeting

- next meeting: **19th January, 2017** at **07:00 JST**; **18th January, 2017** as appropriate in US/Europe

g. AOB

1. Savage reported that work is continuing on preparation for the Senior Review

2. Mckenzie reported that the **Vidyo** planning system is now being used instead of **Yugma**. Following a suggestion from the SSC, he has requested feedback on Vidyo performance from the Hinode COs