

120th Hinode SSC Meeting on 19th January, 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. Following the correction of a two-bit data header error that was seen on 18th December, normal operation was restored on 27th December.

2. Report on Changes to Instrument Telemetry Allocation

Tarbell reported that the new planning software and procedures continue to work well. It was confirmed by the SSC that the monthly telemetry usage reports will be discontinued and the item removed from the meeting agenda..

3. ALMA

Kobelski reported that the December observations were successfully completed. Two observations will be undertaken in January, one or two in March and any remaining observations will be completed in April. Final information on ALMA data quality for the December observations was not yet compiled. However more ALMA antennae than originally planned were used for these observations so good data quality was anticipated.

4. FM Calendar

Hinode, currently in normal mode, will switch to focused mode on **24th 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

For HOP 331, the **EIS** team has suggested a preferred field-of-view for SOT as requested.

For HOP 332, **Savage** has passed a listing of the low rate version of the requested IRIS program to **Watanabe** for inclusion in the HOP description text.

c. Review/Discussion of Open HOPs and ToOs

- routine **HOPs 130, 79 and 81** were run as planned during **December**
- following discussion, dates for the **February** running of **HOPs 130, 79 and 81** were agreed. It was noted that **HOP 206** would be required at three day intervals in late February and March in association with **HOP 81**.
- request to re-run **HOP 279** was discussed. Run as ToO for suitable coronal hole target. EIS will require a limb-pointing telemetry allocation over a two day period. **Warren** will consider how far off-limb EIS needs to observe. **Tarbell** will discuss with **Suematsu-san** the current limit on SOT approach to limb pointing.
- schedule for possible **HOP 279** observations in March will be discussed at the February SSC meeting

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

1. Centre to Limb Quiet Sun Observations with ALMA - Nindoss (anindos@uoi.gr), Savage/SSC (sabrina.l.savage@gmail.com); HOP 333

- target: seven quiet sun regions located between disc centre and north pole will be observed
- schedule: run in interval **11th - 26th March**; time window: 13:30 UT - 19:30 UT each day
- new EIS study prepared and will shortly be validated for inclusion in EIS database
- other instrument and IRIS modes are given in HOP list; XRT may not use the AI-mesh filter

2. SUMER/SOHO Observations of a Range of on- and off-disc Structures - Vial (jean-claude.vial@ias-u-psud.fr), Curdt, Liu, De Pontieu, Tarbell, Shine/SSC (shine@lmsal.com); HOP 334

- combine observations of lines available with SUMER with those from Hinode/EIS and IRIS to study a range of structures; possibly the last available SUMER observations.
- structures include prominences and filaments, quiescent prominence dynamics, filament formation and evolution, prominence/coronal cavity systems
- run in interval **27th March - 4th April**; SUMER daily observing time windows given in HOP list
- SOT to perform SP scans of selected structures; EIS and XRT to follow previous HOPs for these structures (HOPs 73, 139, 269)
- EIS team should ensure that relevant studies are available and that all include the He II 256A line

Continuing routine HOP observation:

Polar Panorama Map for Polar Reversal in Cycle 24 – Shimojo(shimojo@nro.nao.jp); HOP 206

- target will be North polar region; obtain data for North Pole
- schedule every three days during **February/March**; start on **22nd February**; end on **21st March**

Continuing monthly observations are:

- **Polar Monitoring - Shimojo; CORE HOP 81**
- run on **6th February** (N pole fast), and **9th February** (S pole fast)
- **Synoptic SOT Irradiance Scans – Tarbell; CORE HOP 79**
- run on **16th February** (N/S only)

- **Multi-temperature Full Disk Slot Scans – Ugarte-Urra, Brooks, Warren; CORE HOP 130**
- run on **19th February**

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

e. Monthly Science Reports

- next **Hinode** monthly science report will be prepared by the **EIS Team** by **mid-February**
- see http://hinode.msfc.nasa.gov/science_charts/ for template and previous chart

f. Date of Next Meeting

- next meeting: **23rd February, 2017** at **07:00 JST**; **22nd February, 2017** as appropriate in US/Europe

g. AOB

There was no other business.