138th Hinode SSC Meeting on 26th July, 2018 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. CCD heaters have been adjusted to secure noise reduction.

XRT is nominal.

EIS is nominal. Warm pixel assessment is continuing.

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.

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

New **HOP** for coordinated observations with **SOT**, **XRT** and **SUVI (GOES-R)** was not submitted. **Tarbell** informed the meeting by email that, starting **30th July**, **GOES/SUVI** will begin its off-pointing mode (alternating disc centre, W-limb and E-limb images). **Hinode** team asked to note this and to consider CME-watch programmes when there is an AR at E- or W-limb.

Following the request to **Reeves** and **Savage** to check the preferred EIS study for **HOP 360**, it was agreed that the studies used for the Hi-C campaign observations should be considered for **FOXSI-3** support.

c. Review/Discussion of Open HOPs and ToOs

- routine **HOPs 79, 81**and **130** were run as planned during **June**
- **HOP 341** has obtained good data; still awaiting further observation request from proposers; following the meeting, the proposers informed McKenzie that they have sufficient data for now
- still no requests to run **HOP 348;** awaiting input on the Nu-star solar planning process
- conflict between **HOP 349** scheduling and EIS observation planning was resolved; **Reeves** will circulate details

- **HOP 347** schedule is being discussed; likely to observe an AR on two consecutive days in late August following end of EIS EUV eclipse period; **Culhane** to confirm dates
- **ALMA** support - **HOP 355,** has been run successfully though seeing at ALMA site has been poor

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

1. Measuring High Time Cadence Dynamics in an Active Region - Harra (l.harra@ucl.ac.uk), Mckenzie (david.e.mckenzie@nasa.gov), De Pontieu (bdp@lmsal.com) ; ToO HOP 361
- conduct active region observations at high (10s) time cadence; use EIS wide slot observations
- use slit rasters before and after slot exposure to characterise spectral lines in the slot band
- **XRT** will support with high cadence single filter observations; sit-and-stare **IRIS** observations will be used to confirm flows spectroscopically
- each **EIS** slot study runs for 1 hr/172 Mbit; request **SOT** telemetry if it is available

2. 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 **August/September;** run **24th , 27th and 31st August;** continue in **September**

3. Study of Cycle 25 Bright Points - Bryans (pbryans@ucar.edu) , Centeno (rce@ucar.edu), Savage/SSC (sabrina.l.savage@gmail.com); HOP 336
- aim: find the magnetic and chromospheric signatures of the onset of cycle 25.
- targets: high latitude bands (600" around the central meridian) of quiet Sun in Northern (40 - 45 deg) and the Southern (45 - 50 deg) hemispheres.
- observation interval: **6th - 27th August,** run on Mondays; weekly observation of < 12 hr required for N-hemisphere; similar observation desired for S-hemisphere; could be run during focus mode
- **IRIS** coordination within the same 24 hr interval requested; short interruptions are acceptable

Continuing monthly observations are:

- **Polar Monitoring - Shimojo; CORE HOP 81**
- run on **7th August (**N pole fast**)** and **9th August (**S pole fast**);** during focused mode

- **Synoptic SOT Irradiance Scans – Tarbell; CORE HOP 79**
- run on **16th August (**N/S only**);** during break from focused mode

- **Multi-temperature Full Disk Slot Scans – Ugarte-Urra, Brooks, Warren; CORE HOP 130**
- run on **14th August; to** avoid focused mode

e. Monthly Science Reports

- next **Hinode** monthly science report will be prepared by the **SOT Team** for 10th August; - see http://hinode.msfc.nasa.gov/science_charts/ for template and previous chart
  NOTE: This link is currently blocked and is being investigated
- provide one summary slide for Hinode team management at MSFC and two additional slides for NASA HQ

f. Date of Next Meeting

- next meeting: **30th August, 2018** at **07:00 JST**; **29th August, 2018** as appropriate in US/Europe

g. AOB

Savage reminded the meeting that the date for the **Hinode-13** meeting was approaching.