104th Hinode SSC Meeting on 24th September, 2015 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; no change reported from **August** status.

XRT is nominal.

EIS is nominal. CCD bakeout now planned for late **October** and will take three days to complete.

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

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

- details of the **EIS** study for **HOP 293** were discussed by **Reeves** and **Culhane** and a modified study has been prepared
- **Reeves** and **Tarbell** still to discuss **SOT** support for **HOP 293**

c. Review/Discussion of Open HOPs and ToOs

- routine HOPs **130, 79** and **81**were run as planned during **August.**
- the autumn polar panorama campaign (**HOP 206)** will have its final run on **26th September**
- **HOP 290** (CLASP rocket launch support) was run as planned
- following discussion, dates for the **September** running of **HOPs 130, 79** and **81**were agreed

- HOPs already scheduled for **October** include:

HOP 257: SST (La Palma) - IRIS - Hinode Campaign; will conclude on **14th October**
- **SOT Team** will notify COs which observation topics should be selected

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

1. Interchange Reconnection and Flows from Coronal Hole Boundaries - Baker (deborah.baker@ucl.ac.uk), Harra (l.harra@ucl.ac.uk), de Pontieu (bdp@lmsal.com); ToO HOP 294

- previously run several times as a **Hinode** team programme but with poor coordination with **IRIS**
- observe coronal hole (CH) boundary near central meridian; good coalignment with **IRIS** essential
- **Baker** to select target CH and arrange **IRIS** coordination; observing window starts on **29th September**

2. Spectroscopic Study of Magnetic Tornadoes – Su (yang.su@uni-graz.at), Veronig, Temmer, Gomory (gomory@ta3.sk), Rybak; HOP 237

- was run successfully in 2013 and 2014 but 2014 density measurement not satisfactory
- further observations needed to obtain density estimates and to clarify possible impact of EIS PSF on estimates of rotation rate
- schedule during interval **November 1st - 30th;** joint observation with **IRIS, Lomnicky Peak** and **Kanzelhoehe** Observatories; optimum time window: **07:00 UT - 10:00 UT**

3. Transition Region and Coronal Response to Moving Magnetic Features (MMFs) – Young (pyoung9@gmu.edu); ToO HOP 268

- was run successfully on two previous occasions; target: a well-defined sunspot
- observe jointly with **IRIS** and **DST**
- coordination with DST requires observations for **5 -6 hr/day** maximum; **12:00 UT - 18:00 UT**
- coverage requested for **15th - 28th October;** fit along with **HOP 293** if possible with full coverage for **26th - 28th October**

4. Connection of Families of Granules to the Formation of the Chromospheric Network - Frank (zoe@lmsal.com), Malherbe (jean-marie.malherbe@obspm.fr), Roudier (troudier@irap.omp.eu); HOP 295

- one **6 hr** observation requested; observe jointly with **SOT** and **IRIS**
- select single day in interval **5th - 9th October**

5. Observation to Identify MHD Waves - Norton (aanorton@stanford.edu), Shine (shine@lmsal.com); ToO HOP 272

- one **6 hr** observation of large sunspot requested jointly with **SOT** and **IRIS**
- select single day in interval **28th September - 1st October**

6. EIS/IRIS Full-Disk Spectral Scans - Brooks (dhbrooks@ssd5.nrl.navy.mil), Warren, Ugarte-Urra; HOP 284

- repeat of previous observation for AR upflow abundance measurement; joint with **IRIS**
- **48 hr** required for full-disc spectral scans; **SOT** team has agred **EIS** use of additional TLM
- schedule in interval **16th - 18th October** when **Brooks** will be **EIS CO.**

The continuing monthly observations are:

- **Synoptic SOT Irradiance Scans – Tarbell; CORE HOP 79**
- run on **13th October (N/S)** and **15th October (E/W)**

- **Polar Monitoring - Shimojo; CORE HOP 81**
- run fast scans on **6th October; S pole** and **8th October; N pole**

- **Multi-temperature Full Disk Slot Scans – Ugarte-Urra, Brooks, Warren; CORE HOP 130**
- run on **20th October**

e. Monthly Science Reports

- next Hinode monthly science report will be prepared by **Doschek** by **9th October**
- see http://hinode.msfc.nasa.gov/science_charts/ for template and previous charts

f. Date of Next Meeting

- next meeting: **21st October**, **2015** at **07:00 JST**; **20th October, 2015** as appropriate in US/Europe

g. AOB

- there was no other business