

131st Hinode SSC Meeting on 21st December, 2017 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. CCD bakeout will occur from **17th** to **23rd January**.

The SSC J-side toll free phone number and the UK non-toll free number have been changed..

2. Report on Changes to Instrument Telemetry Allocation

There are no further reports on telemetry allocation changes

3. FM Calendar

Hinode will operate in focused mode from **19th December** with one week in normal mode beginning on **9th January**. COs will operate a holiday schedule from **18th December** to **19th January**

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

The topic of Quiet Sun (QS) focus mode observations remains under discussion.

The new **EIS** study for **HOP 347** has been completed and will be validated in **January**

c. Review/Discussion of Open HOPs and ToOs

- routine **HOPs 130, 79** and **81** were run as planned during **December**
- **HOP 335** and **HOP 346** were run in **December**
- **HOP 341** is scheduled to run in **January/February**. May be run at start of focused mode sessions. Total of 10 - 20 runs required. **McKenzie** will discuss scheduling with COs,
- suitable targets are still being sought for **HOP 345**
- for **HOP 347**, **Culhane** to ask if there can be breaks in continuity for synoptic observations

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

1. Collaboration with NuSTAR: Hard X-rays across the Solar Cycle - Hudson

(hhudson@ssl.berkeley.edu), DeLuca /SSC (edeluca@cfa.harvard.edu), Reeves/SSC

(kreeves@cfa.harvard.edu) ; ToO HOP 348

- characterize the X-ray emission from the Sun during solar minimum
- target: quiet Sun; proposers have requested a NuSTAR solar map every three months; begin now and continue to start of next solar cycle; time window: **2017.8** to **2020.9**; match NuSTAR solar orbits
- no requests to **SOT** and **EIS**
- **XRT** request: CME watch program with Al-poly and Thin-Be, no slower than 1 min cadence (can reduce to Thin-Be filter only to preserve cadence)
- test run in **January**; proposers were requested to define the two 90 minute NuSTAR orbits and to comment on the relevance of NuSTAR eclipses

Continuing monthly observations are:

- **Polar Monitoring - Shimojo; CORE HOP 81**
- run on **4th January** (N pole fast); **6th January** (S pole fast); run during focused mode
- **Synoptic SOT Irradiance Scans – Tarbell; CORE HOP 79**
- run on **11th January** (N/S only); run during break from focused mode
- **Multi-temperature Full Disk Slot Scans – Ugarte-Urra, Brooks, Warren; CORE HOP 130**
- run on **9th January**; run during break from focused mode

e. Monthly Science Reports

- next **Hinode** monthly science report will be prepared by the **SOT Team** for 12th January - see http://hinode.msfc.nasa.gov/science_charts/ 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 January, 2018** at **07:00 JST**; **17th January, 2018** as appropriate in US/Europe

g. AOB

1. Senior Review Panel meeting on **30th October** was concluded successfully. Outcome to be announced in **January**.