

130th Hinode SSC Meeting on 30th November, 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.

The SSC toll free phone number for Japan currently does not work. **Savage** will inquire the reason.

2. Report on Changes to Instrument Telemetry Allocation

There are no further reports on telemetry allocation changes

3. FM Calendar

Hinode will continue in focused mode with one week in normal mode beginning on **12th December**.

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.

c. Review/Discussion of Open HOPs and ToOs

- routine **HOPs 130, 79 and 81** were run as planned during **November**
- **HOP 335** was run in **November** and is scheduled to run again in **December**
- **HOP 341** has been 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**

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

1. Hinode and GREGOR Coordinated Observations of Active Region Magnetic Structures for Investigating Energy Storage Process with NLFFF Modeling - Kawabata (kawabata.yusuke@ac.jaxa.jp), Shimizu (shimizutoshifumi@isas.jaxa.jp), Sekii/SSC - HOP 346

- investigate the evolution of electric currents in the chromosphere from the NLFFF modeling and He I 10830Å
- target: active region with simple sunspot; dates: **5th - 10th December**; time window: **08:00-15:00UT** (**GREGOR/GRIS** observing time) is preferable

2. Long Period Pulsations of Plasma Velocity and Density in Loops - Pelouze (gabriel.pelouze@ias.u-psud.fr), Auchere (frederic.auchere@ias.u-psud.fr), Bocchialini, Parenti, Culhane/SSC - ToO HOP 347

- to detect and characterise plasma downflows in loop footpoints that are associated with long-period intensity pulsations of ~ 3 - 16 hours
- observations to be made with **EIS** and **IRIS**
- target suitable active region and track it for most of its lifetime but for at least 5 days continuously during CM passage
- use spectra to characterise variations of plasma velocity, temperature and density
- should not be run during **IRIS** and **Hinode** eclipse seasons; dates in late **February**/early **March** are suitable for **IRIS**
- proposers should discuss appropriate studies with **EIS** and **IRIS** teams

Continuing monthly observations are:

- **Polar Monitoring - Shimojo; CORE HOP 81**
- run on **6th December** (N pole fast); **8th December** (S pole fast); runs during normal or focused mode
- **Synoptic SOT Irradiance Scans – Tarbell; CORE HOP 79**
- run on **14th December** (N/S only); runs during normal mode
- **Multi-temperature Full Disk Slot Scans – Ugarte-Urra, Brooks, Warren; CORE HOP 130**
- run on **12th December**; runs during normal 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: **21st December, 2017** at **07:00 JST**; **20th December, 2017** as appropriate in US/Europe

g. AOB

- 1.** Senior Review Panel meeting on **30th October** was concluded successfully. Outcome available in ~ 1 - 2 months.
- 2.** Continued ESA support for Hinode operations for the period **1st January 2019 - 31st December 2020** has been agreed
- 3.** The **Hinode-12** meeting is now scheduled for **10th - 13th September, 2018** in **Granada**