

106th Hinode SSC Meeting on 25th November, 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 **October** status.

XRT is nominal.

For **EIS**, the planned CCD bakeout was delayed to **January, 2016** following difficulties with bakeout heater testing on Friday **November 20th**. An on-board timer freeze issue was fixed by resetting the electronics. Pre-bakeout tests were then completed and as of **November 25th PM/JST**, **EIS** was restored to nominal operation status.

2. Focused Mode

Following the recent transition to focused mode operation, it was noted that comparatively few additional program suggestions had been put forward. While a range of agreed AR and other solar activity programs existed, it was suggested that additional quiet sun programs could be proposed. The **SOT** team favoured prominence observations. The **EIS** team were undertaking coronal hole observations - boundary upflows and coronal jets, in the second focused mode week. Teams were encouraged to suggest further quiet sun focused mode observations.

3. 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

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

- monthly science report preparation by **Doschek** and **Savage** was close to completion

c. Review/Discussion of Open HOPs and ToOs

- routine HOPs **130, 79** and **81** were run as planned during **October/November**
- following discussion, dates for the **November** running of **HOPs 130, 79** and **81** were agreed
- **HOPs 151, 230, 237** and **268** were run successfully

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

1. No new **HOP** proposals were received.
2. **HOP 276** remains correct for the **ALMA** campaign to be run **15th to 21st December**

The continuing monthly observations are:

- **Synoptic SOT Irradiance Scans – Tarbell; CORE HOP 79**
- run on **15th December (N/S)** and **17th December (E/W)**
- **Polar Monitoring - Shimojo; CORE HOP 81**
- run fast scans on **6th December; S pole** and **8th December; N pole**
- **Multi-temperature Full Disk Slot Scans – Ugarte-Urra, Brooks, Warren; CORE HOP 130**
- proposed run on **1st December** was cancelled to avoid operation during focused mode
- HOP will next be run on **21st December**

e. Monthly Science Reports

- next **Hinode** monthly science report will be prepared by **Reeves** for **8th January, 2016**
- see http://hinode.msfc.nasa.gov/science_charts/ for template and previous charts

f. Date of Next Meeting

- next meeting: **17th December, 2015** at **07:00 JST**; **16th December, 2015** as appropriate in US/Europe

g. AOB

- there was discussion of upcoming **ALMA** solar observations during **2016**
- **De Pontieu** drew attention to a deadline in **April, 2016** for **ALMA** solar proposals and proposed:
 - for the **IRIS** and **Hinode** projects to send out an announcement to **Solar News** at the time of the **ALMA** proposal announcement (likely **March 2016**) stating that **IRIS** and **Hinode** are committed to supporting the **ALMA** campaign and encouraging the community to submit **IHOP** proposals in conjunction with their successful **ALMA** proposals
 - that we reach out to winning **ALMA** proposers (announced in **middle 2016**) and help them with submitting **IHOP** proposals for joint observations with **ALMA**
 - that during next year's **ALMA** campaign (likely starting **December 2016** through **April 2017** with a break in **February 2017** for **ALMA** calibration), we coordinate on a day-to-day basis with the solar scientist that will be running the set of solar **ALMA** proposals in Chile
- **Tarbell** informed the meeting that the **Chromo ALMA-IRIS-DKIST (AID) 2016 Workshop** which would take place in Boulder on **March 15th - 18th 2016** would discuss anticipated new views of the Chromosphere; see <http://www.nso.edu/workshops/SunAID> for details.

- **Savage** stated that **Adam Kobelski**, who recently joined the Hinode project at MSFC as a postdoc, would be involved in the ALMA campaign. Adam spent two years working at the National Radio Astronomy Observatory with Tim Bastian and has already been involved with ALMA planning. Therefore, he will serve as a liaison between MSFC and ALMA for coordination, planning, and execution.