

116th Hinode SSC Meeting on 22nd September, 2016 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 and operating. SOT limb observations will be significantly reduced.

XRT is nominal. Some recent SEU events have been dealt with. A flare trigger issue is being investigated

EIS is nominal. Plan for next bake-out will be presented next month

2. Report on Changes to Instrument Telemetry Allocation

- Following SOT/FG camera fault and the revised allocation agreed by SWG for Hinode normal mode operation, **Tarbell** reported on TLM allocations for the past month. **Shimizu-san** has agreed to prepare software for the Chief Planner that will compute the fraction of limb pointing in a timeline and suggest a telemetry allocation for consideration at the daily meeting. **Savage** will discuss this procedure with **Shimizu-san**.

3. FM Calendar

- **Hinode** returned to standard mode operation from 16th August.

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

- **Savage** reported that final details of the senior review timetable were presented at Hinode 10.

c. Review/Discussion of Open HOPs and ToOs

- routine HOPs **130, 79** and **81** were run as planned during **August**
- following discussion, dates for the **September** running of **HOPs 130, 79** and **81** were agreed.
- **HOP 313** has been run more than 12 times. **Bruce Lites** will assess results and comment on the outcome.
- **HOP 316** is being run on a ToO basis

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

No new HOP proposals were submitted for consideration at the meeting

The schedule and status of **ALMA** solar proposal submission were reviewed by **Kobelski**. 15 proposals to observe the sun with ALMA were accepted for cycle 4 (this years observing), and all should (in theory) be observed between 23 December and 27 April. The scheduling is determined by the array configuration and ranking of the projects (by the telescope allocation committee), but has not yet been finalized (input from the PIs was due September 15). The observations will likely be lumped together in time, so most solar observations should occur during the same period (probably a few days to weeks). The array configuration suggests that most of the observations will occur either between 23 December - 10 Jan OR 6 April - 27 April (that is when the array is in the configuration which provides the highest angular resolution allowed for solar observing). Unfortunately, to assure all of the observations are obtained, it is likely that ALMA will attempt to get solar observations earlier (in December) rather than later (in April) — unfortunate as it is during Focus mode and IRIS eclipse season.

The continuing monthly observations are:

- **Polar Monitoring - Shimojo; CORE HOP 81**
- run on **8th October** (N pole fast), and **10th October** (S pole fast)
- **Synoptic SOT Irradiance Scans – Tarbell; CORE HOP 79**
- run on **13th October** (N/S only)
- **Multi-temperature Full Disk Slot Scans – Ugarte-Urra, Brooks, Warren; CORE HOP 130**
- run on **11th October** and **1st November**

e. Monthly Science Reports

- next **Hinode** monthly science report is being prepared by the **SOT Team; Tarbell and Savage to discuss schedule**
- see http://hinode.msfc.nasa.gov/science_charts/ for template and previous charts

f. Date of Next Meeting

- next meeting: **20th October, 2016** at **07:00 JST**; **19th October, 2016** as appropriate in US/Europe

g. AOB

Senior review dates for submission and assessment were presented at the **Hinode 10** meeting. There was no other business.