

128th Hinode SSC Meeting on 28th September, 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.

Hinode obtained excellent data for the recent limb X 8.2 flare on 10th September. Press releases have happened and links will shortly be added to the MSFC Hinode website.

2. Report on Changes to Instrument Telemetry Allocation

There are no further reports on telemetry allocation changes

3. FM Calendar

Hinode began normal mode operation on **8th August** and will continue in normal mode through **20th November**.

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

It has been confirmed that **NASA** has released movies of the recent total eclipse to the media.

Tarbell has circulated details of changes required for the 2017 SST-IRIS-Hinode campaign observations.

c. Review/Discussion of Open HOPs and ToOs

- routine **HOPs 130, 79 and 81** were run as planned during **September**
- dates for **HOP 335** are still being discussed; possible dates are **Wed/Fri 15/17 November** and **13/15 December; Monday 20 November** now unlikely
- **HOP 206** has been completed
- **ToO HOPs 341 and 343** have not yet been run; status will be checked by **Watanabe (HOP 341)** and **Savage (HOP 343)**

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

1. Continuation of HOP 336 - Centeno, Bryans, McIntosh, de Toma, Savage/SSC

- programme has been run weekly from March, 2017, mainly targetted at N-hemisphere and has achieved significant results
- further running of this HOP was requested with targetting of both hemispheres
- continuation to the end of the year was agreed

2. Full-disc Spectral Scans with EIS and IRIS - Brooks (dhbrooks@ssd5.nrl.navy.mil), Warren, Ugarte-Urra, Harra, Culhane/SSC - HOP 344

- observations made twice previously as **HOP 284**; more systematic observations were requested
- full-disc scans (40 hr) to run three times/year; scans in active latitude ranges (16 hr) to run monthly
- XRT (**Reeves**) suggests:
 - a) disc-centre 7-filter synoptics at start and end of each full-sun scan
 - b) 7-filter synoptic at nearest disc-centre pointing at middle of each full-sun scan
- SOT (**Tarbell**) asked to make telemetry available to EIS for the three full-sun scans

Continuing monthly observations are:

- **Polar Monitoring - Shimojo; CORE HOP 81**
- run on **10th October** (S pole fast); **12th October** (N pole deep); runs during normal mode
- **Synoptic SOT Irradiance Scans – Tarbell; CORE HOP 79**
- run on **19th October** (N/S only); runs during normal mode
- **Multi-temperature Full Disk Slot Scans – Ugarte-Urra, Brooks, Warren; CORE HOP 130**
- run on **3rd and 24th October**; runs during normal mode

e. Monthly Science Reports

- next **Hinode** monthly science report will be prepared by the **EIS Team** for early October
- 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: **26th October, 2017** at **07:00 JST**; **25th October, 2017** as appropriate in US/Europe

g. AOB

1. Senior Review Panel meeting is confirmed for **30th October** at 11:00 EST. **Elrod, Savage** and **Tarbell** will attend the meeting on behalf of the Hinode team.

2. Five page addendum for the senior review submission will be circulated by **Savage** after this meeting.

3. Discussion of possible focus mode observations that would advance the aims for future work specified in the senior review document was postponed to the next SSC meeting. In the meantime, members should review the senior review document which has been circulated and the addendum document.