

122nd Hinode SSC Meeting on 23rd March, 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.

XRT is nominal.

EIS is nominal. Bakeout is now planned for May. Schedule to be confirmed.

2. Report on Changes to Instrument Telemetry Allocation

There are no further reports on telemetry allocation changes

3. ALMA

Kobelski reported that for the January/February runs, observations had been mainly successful. Some partially completed projects will be finished in the next week. No reports yet about data quality but the recent antenna tracking issue has been corrected. The next new observations will take place in the period April.16th - 23rd. **Kobelski** will circulate a schedule before the next SSC meeting.

4. FM Calendar

Hinode in normal mode until **mid-May, 2017**.

5. 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

Kobelski confirmed that he will complete his ALMA schedule action before the next SSC.

c. Review/Discussion of Open HOPs and ToOs

- routine **HOPs 130, 79 and 81** were run as planned during **March**.
- **HOP 206**, runs in February/March in association with **HOP 81**, have been completed.
- **HOP 279** observations scheduled for 4th - 6th April.
- **HOP 335** observations scheduled for 3rd, 5th, 14th, 28th April and 1st May to coincide with David Brooks CP days but it may be necessary to drop 5th April due to **HOP 279** overlap
- **HOP 311** observations scheduled for 25th - 28th April and 1st - 2nd May

c. (continued)

- following the meeting it was established that the RAISE sounding rocket launch is currently scheduled for 9th May; Hinode support will therefore be needed before focused mode starts in mid-May; more details will be available by next SSC;

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

1. Investigating the Role of Plasma Processes on the Stability of Solar Filaments - Jenkins (jack.jemkins.16@ucl.ac.uk), Long, van Driel-Gesztelyi, Carlyle, Jess, Culhane/SSC (j.culhane@ucl.ac.uk); HOP 337

- aim: investigate role of plasma processes in solar filament stability
- targets: footpoint of filament rooted in active region; if no active regions available with co-located filament footpoint, quiescent filament footpoint will suffice; target to be coordinated with DST
- observation interval: **22nd May - 2nd June**; optimum observing interval: **15:00 UT - 18:00 UT** to coincide with optimum DST seeing conditions; request 4 - 6 hours each day centered on DST time
- EIS, SOT, XRT and IRIS requests given in HOP list

Continuing monthly observations are:

- **Polar Monitoring - Shimojo; CORE HOP 81**
- run on **8th April** (N pole fast); **11th April** (S pole fast).
- **Synoptic SOT Irradiance Scans – Tarbell; CORE HOP 79**
- run on **13th April** (N/S only)
- **Multi-temperature Full Disk Slot Scans – Ugarte-Urra, Brooks, Warren; CORE HOP 130**
- run on **28th March** and **18th April**

These dates may change depending on the final ALMA schedule.

e. Monthly Science Reports

- next **Hinode** monthly science report will be prepared by the **XRT Team** by **7th April**
- see http://hinode.msfc.nasa.gov/science_charts/ for template and previous chart

f. Date of Next Meeting

- next meeting: **20th April, 2017** at **07:00 JST**; **19th April, 2017** as appropriate in US/Europe

g. AOB

The Senior Review proposal has been submitted. Presentation date to the panel is not yet scheduled.