

50th Hinode SSC Meeting on 25th February, 2011 at 07:00 JST

Short Summary, Conclusions and Actions

a. Program Status:

1. Hinode Operational Status

Sakao reviewed the content of his email (already circulated on 24 March to SSC members and others) which outlined future operation plans and constraints.

Although six day plans were envisaged for the present, he agreed to consider implementation of seven day plans subject to rolling blackout constraints (Question: **Harra**). Next uploads are planned for 26th March, 2nd April and 7th April.

Spacecraft status is monitored each day in real-time passes and any changes reported. Data acquisition and archiving may be delayed but will continue to be executed unless involved ground stations are unavailable (Questions: **Deluca**)

Cirtain reported investigations for additional staff support and additional ground stations

2. Instrument Status Review

SOT is nominal; no restrictions on instrument operation.

XRT is nominal; filter wheel #1 will be set to open during eclipse season for better instrument thermal control; status can be changed if major flare watch is initiated.

EIS nominal; flare trigger testing has been suspended for the present due to inability to change EIS planning software because of rolling blackouts; it will also not be possible to make rapid changes to planning software – changes to a different AR target will be possible but not to a new target category.

b. Review and Discussion of Action Items from Meeting #49

- No further responses to **Berger** on status of ToO HOP list.

ACTION: Hinode teams to inform Berger of ToO HOP status; ongoing

ACTION: XRT Team to inform Cirtain of any synoptic data-related publications; ongoing

- It was reported (**Tarbell**) that the EVE calibration rocket was launched as scheduled on **23rd March**; it is not currently possible to run **HOP 130** due to its high pointing number requirement; however this HOP requires just 15 separate pointings

ACTION: Culhane/Mariska to consider/discuss with J-side future possibilities for HOP 130 given recent launch of EVE calibration rocket

Other actions are closed or ongoing

c. Review and Discussion of Action Items from Palermo SWG Meeting:

ACTION: Certain to present comments on HOP assessment and tracking to future SSC; ongoing

- SSC asked 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

d. Review/Discussion of Open HOPs and ToOs

- a shortened version of **HOP 81** is included in the current plan

- **HOP 101** has been completed with some time reduction

- **HOP 182** could be executed in two adjacent planning periods in the absence of significant AR targets; this HOP is now scheduled for **11th through 15th April**; pointing positions for each day available by clicking on appropriate Google mission calendar entry

- **HOP 184**, a multi-point G-band bright point study is now scheduled for **18th and 19th April**; pointing positions for each of the five runs also available by clicking on appropriate Google mission calendar entry

- **HOP 79** can be deferred to later in April

- **HOP 130** may also be deferred but is more urgent given the recent EVE calibration rocket launch

- in general, the running of multiple pointing HOPs should be at the discretion of the CP/COs

e. Review of New Proposals and Scheduling of Observations

1. Long Duration Sit and Stare Coronal Hole Observation – Bemporad; HOP 103

- long duration observation to run jointly with SOHO/UVCS; important to run early in April since key UVCS lines will not be available later; modified EIS studies now given in HOP listing

- include in upload of **7th April** and run on **9th/10th April**

2. Quiet Sun and Active Region Magnetism; Coordinated Observation with SST – Vargas-Doninguez, Domingo; CORE HOP 185

- run during SST campaign from **20th April to 2nd May**; prime observing window: 07:00 UT – 10:00 UT

- prefer to run at start of OP

3. Long-term Dynamics of Prominences - Foullon, Berger; ToO HOP 183

- recently displaced by high priority flare watch; to be rescheduled as ToO

- consider **2nd April** if suitable prominence available at limb

- prefer to run at start of OP

4. Mass Loading of Quiescent Prominences from Multi-wavelength Observations – Schwartz, Deluca; CORE HOP 186

- XRT observation to run jointly with Ondrejov Observatory and SDO/AIA
- fits conveniently with XRT synoptics; schedule for multiple runs during May

NOTE: A late arriving HOP proposal: **Joint Observation for Tracking X-ray Jets from the Solar Surface to Interplanetary Space – Jackson, Shimojo**, will be considered at the April SSC meeting since the observation is not required before mid-June.

5. The continuing monthly observations are:

- Synoptic SOT Irradiance Scans – Berger; CORE HOP 79

- scheduling of these observations will be considered by the proposers and COs/CP

- Multi-temperature Full Disk Slot Scans – Ugarte-Urra, Brooks, Warren; CORE HOP 130

- scheduling of these observations will be considered by the proposers and COs/CP; tentatively set for **5th** and **26th April**; see related action item in **b.** above

- Polar Monitoring - Shimojo; CORE HOP 81

- scheduling of these observations will be considered by the proposers and COs/CP; tentatively set for **22nd** and **23rd April**;

- f. Other Business and Date of Next Meeting

- next meeting: **20th April**, 2011 at 07:00 JST; **19th March**, 2011 as appropriate in US and Europe
- note that UK and European times will have changed