

28th Hinode SSC Meeting on 21st May, 2009 at 07:00 JST

Short Summary, Conclusions and Actions

a. Instrument Status:

All Nominal; SOT CCD bake-out starts May 20 for two days; should then be finally free of contamination; nominal for eclipse season operation; use only Na D blocker during eclipse season except in special circumstances; XRT nominal – bake-out schedule continues; EIS nominal

b. SOT Plan for SUNRISE Campaign:

TT circulated the campaign website (<http://www.mps.mpg.de/services/sunrise/sot/sot.php>) – it is still being developed

TS reported discussions on the Hinode operation mode during the campaign:

- Launch window June 1 to June 5; decision to launch known at L – 2.5 h (announced 03:00 – 05:30 UT); launch window: 05:30 – 08:00 UT; SUNRISE observations start at L + 5 h

- Hinode collaboration not possible on SUNRISE Day 1; continue 2-3 day cycle until decision to launch

- From Day 2 switch to daily operation planning; continue to end of SUNRISE flight

- Need an additional Hinode daily meeting PM JST on the launch day; meeting before 18:00 JST; all COs to attend; desirable to prepare SUNRISE Day 2 pointing schedule in advance; COs to remake instrument timelines after this meeting; **COs to transmit their agreement to this plan to TS**

- Super CP and CP will make new operational files available before the meeting

- GCC will arrange additional command passes for the next day if required

- change will be made to op_period_yyyymmddnnnn.evt for duration of SUNRISE flight; OPPLN_PROHIBIT and OPPLN_PERMIT will be added for the next day's upload pass since the 1-day OP may be needed in the middle of the 2-day OP; **COs to confirm ability of tools to handle this to TS**

In addition, desirable for SUNRISE to say in advance if possible if there will NOT be a launch on a day. SOT team prefers early launch within window. Remote COs should make cellphone numbers available.

c. Review and Discussion of Open HOPs and ToOs:

- **HOP 71** should run from 26th May to June 8th or to start of SUNRISE observations; terminate HOP if SUNRISE is launched and then run HOP from June 8th to 25th; VTT set-up will be on 25th May

d. Review of New Proposals and Scheduling of Observations

1. CORE: The Transition Corona – Deluca (Golub); HOP 121

- run as ToO on limb AR; joint observation with CORONAS/PHOTON TESIS

2. Eclipse Movie for Outreach & Coronal Temperature – Kano (Watanabe); new HOP 122

- Observe two lunar transits on 22nd July; end-to-end test of observation to be scheduled between 12th June and 10th July

3. Global Coronal Waves Watch – Attrill (Golub, Reeves); new HOP 123

- run as ToO on CME-prolific AR; off-point from AR at surrounding QS

4. Core: EIS Flare Study – Milligan (Culhane)

- EIS team has designed a flare watch study; short test run will be followed by six days/16 hours per day ToO observation of flaring AR; three days Central Meridian and three days West limb; ~ 600 Mbit/day

- SOHO, STEREO, RHESSI and Max Millenium programme involved; Core HOP designation needed

- SOT (**Tarbell**) and XRT (**Reeves**) designing complimentary flare studies; **details to be circulated**

5. In addition to the above the continuing monthly observations with Synoptic SOT Irradiance Scans – Berger, HOP 79 and Polar Monitoring – Shimojo, HOP 81 will be scheduled for 20th June (HOP 79) and 22nd/23rd June (HOP 81)

- schedule may change in response to SUNRISE developments

6. Further SUMER Prominence Observations – Berger (Culhane)

- several planned prominence observations were not made in the recent SUMER campaign due to absence of suitable targets

- it may be possible to extend SUMER operation for a short time beyond end of SUNRISE flight; **JLC** to check with Werner Curdt and report

e) Other Business and Date of Next Meeting

- next meeting on 24th June at 07:00 JST; 23rd May as appropriate in US and UK.