

24th Hinode SSC Meeting on 22nd January, 2009 at 07:00 JST

Short Summary, Conclusions and Actions

It was agreed by the SSCs that Len Culhane should provide brief meeting summaries to ensure rapid feedback to the weekly/daily planning meetings and to the CP/COs. This is the first of these summaries.

a. Instrument Status: Nominal - SOT tuneable filter free of bubbles

b. Observing Proposals and Scheduling

1. Coronal Outflows and Active Regions (AR) – Korreck

- discuss further and refine (iterate on SOT and EIS/XRT TLM use and overall data volume)
- new proposal to next SSC

2. AR “Engineering” Test – Cirtain

- programme to demonstrate Hinode capability for key mission-wide AR data set
- comment that though valuable, not the most urgent AR programme
- **ACTION:** Agree more complete description/JC & TT
- Assigned HOP 100; SSC contact: JC

3. AR NLFF Extrapolation – Tarbell

- Observe small AR at central meridian for ~ 6H to check NLFF extrapolation results
- **ACTION:** Circulate more complete description/TT

4. Long Duration Coronal Hole (CH) Observation – Bemporad

- search for LF waves; joint with SOHO/UVCS
- agree 2 days (24/25) in range 23 – 28 Feb (SOHO Observation)
- **ACTION:** SOT team/TT to agree max allowed spacecraft off-limb pointing
- **ACTION:** JLC to clarify impact on observation
- Assigned HOP 103; SSC contact: JLC

5. Structure and Dynamics of Bright Points – Doyle

- connect network oscillations with coronal EUV BPs
- joint with DST (IBIS and ROSA - fast imaging photometer); time for Mathioudakis 8 – 15 Feb
- agree three prime days in above range (e.g. 10, 11, 12 Feb) subject to DST weather

- Assigned HOP 99; SSC contact: JLC

6. Oscillations in Polar Plumes – McLaughlin

- detect fast waves in plumes; includes STEREO, SOHO, TRACE; ~ 1.3 day observation

- agree 2 days 27/28 Feb; requires plume target available at S Pole

- Assigned HOP 98; SSC contact: JLC

7. Magnetic Fields of Network BPs – Roudier

- run simultaneously with weekly EIS SYNOP_006; agree 7 Feb

- HOP 95; ran previously; SSC contact: TB

8. SOT Helioseismology Observations of Sunspots - Nagashima, Sekii

- TOO for sunspot; minimum 12 hour observation

- Assigned HOP 104; SSC contact TS

9. SOT Helioseismology Observations of Sun's S. Polar Region - Nagashima, Sekii, Golub

- requires three 12 – 16 hour runs; space by 24 hours for data assessment

- agree to run on 2, 4 and 7 March; long-term programme: March (SP) and Sept (NP)

- Assigned HOP 101; SSC contact: TS

10. Regular Programmes

- HOP 79: Irradiance Scan; run 17/18 Feb

- HOP 81: Polar Field Monitoring; run 19/20 Feb; note: requires 4-5 days in March

11. XRT Core Observation: X-ray Stellar Occultation – Deluca

- observe transit of HD 199143; limb pointing on 30/31 Jan; XRT S/N ~ 8 – 17

12. Hinode/SUMER Campaign – 15 to 29 April

- **ACTION:** JLC to circulate draft plan to SSC. Plan is at:

<http://www.mps.mpg.de/services/campaignplanner/planning/campaign-200904/index.cgi>

- 12 suggested HOPs on site; HOP 70 (Gabriel), HOP 73 (Berger) and HOP 86 (Innes) run previously

- SUMI launch may miss slot on 16 April; prepare backup; **ACTION:** JLC to raise with W. Curdt

- proposals from Kamio, Landi, Srivastava, Teriaca and Vial circulated to SSC

- Vial proposal similar to HOP 73 (Berger); **ACTION:** JLC/TB to raise with W. Curdt (WC)
- Landi to request SUMER JOP and contact; **ACTION:** JLC/EL to discuss with WC
- agree that complete set of Hinode/SUMER proposals be reviewed at next meeting and HOP assignments made then
- campaign looks oversubscribed due to strong community interest; WC raised possibility of three Hinode/SUMER campaigns each year; SSC will consider this at next meeting

c. Date of Next Meeting

- 19 February at 07:00 JST; 18 Feb as appropriate in US and UK