

41st Hinode SSC Meeting on 24th June, 2010 at 07:00 JST

Short Summary, Conclusions and Actions

a. Program Status:

SOT nominal; no H α filter use during eclipse season; considering CCD bakeout in late July

XRT nominal; successful discussion of flare response at recent SWG

EIS nominal; internal bright point trigger testing in progress

b. Review and Discussion of Action Items from Meeting #40:

ACTION: Golub to outline use of HOP 132, continued to next meeting

- other actions are closed

c. Review/Discussion of Open HOPS and ToOs

1. Open HOPs

- no open HOP items for discussion

2. Open ToO HOPs

- thirteen or more ToO HOPs on the list have never been run

- in general, proposers of ToO HOPs are expected to contact the appropriate CO or SSC member when they believe that an appropriate target is available and in general this should continue

ACTION: Certain to contact proposers of all “not yet run” HOPs and suggest they contact CO or SSC

d. SUMI Flight Schedule

- rocket motor is being modified to ensure loads of less than 30g

- SUMI is the second launch in the post-modification schedule; anticipated date now 28th – 30th July

- Hinode schedule will be established at a weekly meeting

e. Review of New Proposals and Scheduling of Observations

1. Chromospheric Jets – De Pontieu; Core HOP 126

- to be scheduled during La Palma SST observing time; 10th – 22nd September, 2010-06-24

ACTION: Tarbell to update HOP list observing requests for SOT and EIS

2. Solar Wind Source Regions During Solar Minimum Conditions – Ko, Mariska; HOP 146

- to be scheduled for three more runs on 10th and 23rd July and 7th August

3. Observations for the 11th July Total Solar Eclipse in the South Pacific

- five proposals have been submitted, three for joint ground based observations and two for the related Hinode eclipses

- High Frequency Oscillation Search from Easter Island – Banerjee; HOP 164

- Polar Plumes and their Activity from Cook Islands – Sterling

- Coronal cavities -- Kucera/Berger, supporting Habbal in French Polynesia; HOP 114

- Surroundings of non-Flaring Active Regions – Kano; Core HOP 168

- SOT Team Proposal, to be discussed – Tarbell

- preliminary discussion of all the above will take place at the weekly meeting on Friday 25th June

4. Vector Magnetic Field Structure in and below AR Filaments - Lites; Core HOP 166

- to be scheduled during Canaries VTT observing time; 21st – 29th September, 2010

- Lites and Tarbell will discuss the small time overlap with HOP 126

5. Determination of the Properties of Families of Solar Granules and Formation of the Photospheric Network - Roudier, Malherbe; HOP 167 (proposed revision of HOP 21)

- observation of up to six hours jointly with Pic du Midi proposed for no earlier than 6th July
- SOT team believes that this would not be a suitable observation for the Hinode eclipse period

ACTION: Berger to discuss a delay past the end of the eclipse season with the proposers

6. Tracking the outflows from the Sun into interplanetary space using Hinode EIS and Proba-2 SWAP - Harra, Slemzin, Goryaev, Berghmans; HOP 165, ToO

- requires a suitable AR/CH association on the disc to be observed also at the limb

7. Quiet Sun and Active Region Magnetism: Coordinated Observations with Hinode – Domingo, Vargas-Dominnguez

- observe for five consecutive days with La Palma SST
- SOT team believes that this would not be a suitable observation for the Hinode eclipse period
- submission felt to be somewhat close to the requested observing date for a new and ambitious proposal

ACTION: Culhane to discuss a delay past the end of the eclipse season and a resubmission with the proposer

8. In addition to the above, the continuing monthly observations

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

- programme has been scheduled for **27th July**

- **Synoptic SOT Irradiance Scans – Berger, CORE HOP 79** scheduled for

- **29th July** (N – S) and **31st July** (E – W)

- **Polar Monitoring - Shimojo, CORE HOP 81** scheduled for **24th/25th July**

d. Other Business and Date of Next Meeting

- **Cirtain** reported that the outcome of the Hinode Senior Review would be communicated by NASA HQ in the week beginning **5th July**

- **ACTION: Cirtain** to inform the SSC of the outcome

- the SSC congratulated Barbara Cobb on her recent NASA achievement award

- next meeting on **29th July, 2010** at 07:00 JST; **28th July, 2010** as appropriate in US and UK