

43<sup>rd</sup> Hinode SSC Meeting on 19<sup>th</sup> August, 2010 at 07:00 JST

**Short Summary, Conclusions and Actions**

**a. Program Status:**

SOT nominal; eclipse season has ended, heaters turned off, good focus established

XRT nominal; filter #1 to be exercised during September, pre-flare data buffer used successfully

EIS nominal; no restrictions for science operations in September

**b. Review and Discussion of Action Items from Meeting #42:**

**ACTION: Certain to contact proposers of all “not yet run” HOPs; continuing**

**ACTION: Tarbell/other SOT team member to further consider HOP 169 and discuss feasible SOT support with Erdelyi; continuing**

**ACTION: Berger to request dates and other scheduling details for HOP 167 from Roudier; continuing – details for run on 30<sup>th</sup> August not yet confirmed; continuing**

- other actions are closed

**c. Review/Discussion of Open HOPS and ToOs**

**1. Open HOPs**

- **HOP 78** was tested successfully during the week beginning **1<sup>st</sup> August**,

- agreed that the six day extended **CORE HOP 81** should be scheduled to start on **26<sup>th</sup> September**; **CORE HOP 130** may be rescheduled by ~ 2 days if necessary

**2. Open ToO HOPs**

- valuable to run **HOP 101** (Heliosesimology) during September to take advantage of favourable B-angle; ideal requirement: eight hours/day through September

- agreed post meeting that two or three runs of eight hours/day in five/seven day blocks would be acceptable

- preliminary schedule of one five day block made for **24<sup>th</sup>** through **28<sup>th</sup>** August; further blocks in September will be considered

- discussion of **HOP 96** led to the general issue being raised of how to arrange for substantial on-board data reallocation

- teams briefly clarified their schedules for internal weekly planning discussions

**ACTION: Deluca** to circulate a suggested approach to this which would be discussed at the next SSC following submission of the revised **HOP 96** proposal

**d. Review of New Proposals and Scheduling of Observations**

**1. Magnetic Field Structure of Active Regions from Photosphere to Chromosphere – Akihito Oi; HOP 171**

- to be scheduled from 1<sup>st</sup> to 8<sup>th</sup> October

**2. Long-term monitor of properties of transient horizontal magnetic fields – Ishikawa; HOP 172**

- schedule to be agreed

**ACTION: Berger to discuss possibility of collaboration with Buheler who has made a similar proposal**

**ACTION: Sekii to discuss and clarify synoptic aspects of HOP 172 with Ishikawa**

**3. EPO campaign observation mainly for high school students – Yaji; HOP 173**

- to be run in the period 1<sup>st</sup> to 6<sup>th</sup> September at around 12:00 JST
- XRT will reschedule their synoptics to accommodate this

**4. Ellerman Bombs and Emerging Flux Regions – Doyle; HOP 174**

- to be scheduled for running in November following expected assignment of Sac Peak DST time
- for SOT support, H-alpha would be better than Ca II

**ACTION: Culhane to inform Doyle - completed**

**5. Nature of propagating waves in polar coronal holes as seen with EIS and AIA - Banarjee; ToO HOP 175**

- this could possibly be run during any time blocks assigned to **HOP 101** which does not require EIS support; otherwise schedule during October
- issues were raised regarding EIS data volume requested, XRT could offer additional data

**ACTION: Culhane to clarify and report to SSC before the next meeting**

**6. In addition to the above, the continuing monthly observations**

- **Multi-temperature Full Disk Slot Scans – Ugarte-Urra, Brooks, Warren; CORE HOP 130**
- programme to run on **7<sup>th</sup> September**
- **Synoptic SOT Irradiance Scans – Berger, CORE HOP 79**
- programme to be run on **30<sup>th</sup> September (NS)** and **5<sup>th</sup> October (EW)**

- **Polar Monitoring - Shimojo, CORE HOP 81**

- extended programme to be run for six days starting on **27<sup>th</sup> September**

**g. Other Business and Date of Next Meeting**

- **Tsuneta-san** requested that a list of publications resulting from the HOPs run up to the present time should be compiled

**ACTION: Cirtain will suggest how to do this and will draw up an assignment list for SSC members within the next week; responses to be sought from HOP leaders by time of next SSC**

- **Cirtain** reported a successful SUMI launch, 180 second delay in launch time to achieve low temperature on board, data look excellent, preliminary results to be presented at Hinode #4

- next meeting: **16<sup>th</sup> September, 2010** at 07:00 JST; **15<sup>th</sup> September, 2010** as appropriate in US & UK