

**42<sup>nd</sup> Hinode SSC Meeting on 29<sup>th</sup> July, 2010 at 07:00 JST**

**Short Summary, Conclusions and Actions**

**a. Program Status:**

SOT nominal; July CCD bakeout was successful

XRT nominal; an on-board data buffer has been upgraded

EIS nominal; internal bright point trigger testing continuing

**b. Review and Discussion of Action Items from Meeting #41:**

**ACTION: Golub to outline use of HOP 132; action closed pending input from Schmieder**

**ACTION: Cirtain to contact proposers of all “not yet run” HOPs and suggest they contact COs or SSC; four responses so far from 18 requests – action continuing**

**ACTION: Tarbell to update HOP 126 SOT/EIS observing details; SOT completed, EIS continuing**

- other actions are closed

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

**1. Open HOPs**

- given the possible availability of a well developed sunspot during the week beginning **1<sup>st</sup> August**, it may be necessary to reschedule **CORE HOP 146** currently planned for Saturday **7<sup>th</sup> August**

**ACTION: Culhane to inform Mariska; done**

**2. Open ToO HOPs**

- given likely sunspot availability in the next ~ ten day period, an effort should be made to run **ToO HOP 78; Study of Oscillatory Magneto-Convection in Umbral Dots**

**ACTION: Cirtain to discuss with H. Watanabe**

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

**ACTION: Cirtain – continuing action; see b) above**

**d. SUMI Flight Schedule**

- SUMI launch is now scheduled for Friday 30<sup>th</sup> July at a *finally* agreed time of 18:11 UT

#### **e. Summary of NASA Senior Review Outcome**

- **Cirtain** gave a brief review; second modified version of the document should be available in one week
- no funding reductions through 2012
- Hinode and STEREO seen as most expensive missions in science/dollar terms
- panel report strongly supported quality of Hinode science ; conclusions not entirely consistent with this

#### **f. Review of New Proposals and Scheduling of Observations**

##### **1. Hunt for MHD Waves: Magneto-seismology of Pores and MBPs – Erdelyi, ([robertus@sheffield.ac.uk](mailto:robertus@sheffield.ac.uk)); HOP 169**

- to be scheduled during Sac Peak, DST observing time, 20-30 September 2010
- date conflict with **HOPs 126** and **166** for 20 – 29 September, 2010 with already agreed LPO and Tenerife support
- no time conflict given 13:00 UT to 16:00 UT prime observing time; probable SOT TLM conflict
- with previous approval for HOPs 126 and 166, late submitted HOP 169 should have lower priority

**ACTION: Tarbell/other SOT team member to further consider proposal and discuss feasible SOT support with Erdelyi**

##### **2. Coordination with the RAISE Sounding Rocket Launch – Hassler, ([hassler@boulder.swri.edu](mailto:hassler@boulder.swri.edu)); HOP 170**

- launch scheduled for 23<sup>rd</sup> August; essential to contact COs with launch time and other details ASAP
- final target to be selected no later than 19<sup>th</sup> August; last pointing updates by 01:00 UT on 21 Aug
- Bando-san to be asked to provide relevant SAA and Eclipse encounter times by 12<sup>th</sup> August or earlier

**ACTION: Mariska to communicate these requirements to Hassler and facilitate his interaction with COs**

##### **3. Determination of the properties of Families of Solar Granules and Formation of the Photospheric Network – Roudier ([roudier@bigorre.bagn.obs-mip.fr](mailto:roudier@bigorre.bagn.obs-mip.fr)); HOP 167**

- previously run observation with Pic-du-Midi support to be executed outside Hinode eclipse season
- urgent need to specify observation dates

**ACTION: Berger to request dates and other scheduling details from Roudier**

#### **4. Coordinated Observations between Hida Observatory and the Hinode Satellite – Ichimoto;**

##### **CORE HOP 128**

- previously run HOP now requesting support from all three Hinode instruments to be scheduled during the interval 16<sup>th</sup> to 28<sup>th</sup> August, 2010

#### **5. Polar Region Helioseismology Observations during Period of Maximum Inclination – Kosovichev, Sekii; HOP 101**

- proposed HOP to run for 8 hours/day in period 23<sup>rd</sup> August to 23<sup>rd</sup> September
- urgent need to follow up recent important results on anomalous supergranulation in polar regions and to overlap with SDO/HMI which has not previously been possible
- occasional gaps of  $\leq 3$  days are tolerable in periods of unusual activity

**ACTION: Sekii to discuss length and distribution of tolerable interruptions with Kosovichev**

#### **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 be scheduled

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

- programme to be scheduled for

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

- programme to be scheduled

**ACTION: Berger to update Google calendar for August/September**

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

- the SSC congratulated **Tarbell** on the NASA confirmation of a start for the Lockheed-led IRIS mission
- next meeting on 19<sup>th</sup> August, 2010 at 07:00 JST; 18<sup>th</sup> August, 2010 as appropriate in US and UK