

## 63<sup>rd</sup> Hinode SSC Meeting on 27<sup>th</sup> April, 2012 at 07:00 JST

### Short Summary, Conclusions and Actions

#### a. Program Status:

##### 1. Instrument Status Review

SOT is not quite nominal. There is some contamination causing blurring and intensity changes over parts of the NFI field of view. First seen in December, when it was small and changing slowly. It has been changing on a timescale of weeks and moved around over more of the FOV, though there are still many clean portions of the image. Probably in the oil at the exit window of the tunable filter, though it might also be on the outer surface of that window. It is not very noticeable in the magnetograms used for AR tracking; other NFI-centric programs have to be planned more carefully to avoid it or mitigate its effects. Everything else is nominal with SOT.

XRT is nominal following recovery from a recent MTV reset

EIS is nominal. Post avoidance manoeuvre checks were completed successfully

##### 2. Changes to Instrument Telemetry (on-board storage) Allocation

**ACTION: Any telemetry allocation change agreements for a HOP should be communicated to Watanabe for inclusion in the Monthly Events listing and ideally in the HOP list; Ongoing**

#### b. Review and Discussion of Action Items from Hinode SWG and Meeting #59

- SSC asked to prioritise HOPs i) with associated ground-based observations that were overlapping in a time zone and ii) in cases that generated mission telemetry use conflicts.

**ACTION: Culhane to ensure that such cases were highlighted in SSC meeting notes; ongoing**

#### c. Review/Discussion of Open HOPs and ToOs

- there were no current open HOP or ToO issues

- two support observations for the recent short **SUMER** campaign, one of which was **HOP 211 (Parenti)** while the other (**Banarjee**) involved an EIS core observation of oscillating loops, were run successfully

- the EIS core team programme will be adjusted to i) include runs of **SYNOP006** during XRT CCD bakeout intervals given the need for additional calibration information and ii) schedule **He II slot observations** at disc centre for alignment comparison with AIA. The latter observations form a part of EIS preparations for joint observations with IRIS.

- following recent flare alerts, **HOP 210** has been rescheduled for **2<sup>nd</sup> May**

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

##### **1. Venus Transit on 6<sup>th</sup> June – HOP 209**

- completed **HOP** outline submitted by **Sterling**; Hinode team contacts: **Shimizu-san** and **Sterling**
- full **observation timeline** and a **clear set of requirements** were included
- following SSC discussion, the observation was agreed with the following comments:
  - XRT filter use confined to Al mesh and Ti/Poly during eclipse season

##### **ACTION: Reeves to inform Sterling**

- new EIS study to be prepared by Imada-san

##### **ACTION: Culhane to remind Imada-san to send draft study to MSSL for validation**

- SOT team suggests that Venus observation be scheduled for three days (**4<sup>th</sup>, 5<sup>th</sup> and 6<sup>th</sup> June**)

##### **2. H-alpha and Ca II in solar prominences - Kucera, Berger, Gilbert**

- differences in intensity between these lines are seen in different prominences; need to build a larger data base; no need for ToO status given growing prominence occurrence frequency
- **since last meeting, this has been withdrawn following additional discussion within SOT team**

##### **3. The continuing monthly observations are:**

- **Synoptic SOT Irradiance Scans – Berger; CORE HOP 79**
- run on **22<sup>nd</sup> May** (N-S) and **24<sup>th</sup> May** (E-W)
- **Polar Monitoring - Shimojo; CORE HOP 81**
- run on **25<sup>th</sup>** and **26<sup>th</sup> May**
- **Multi-temperature Full Disk Slot Scans – Ugarte-Urra, Brooks, Warren; CORE HOP 130**
- scheduled for **29<sup>th</sup> May**

#### **e. Date of Next Meeting**

- next meeting: **17<sup>th</sup> May, 2012** at 07:00 JST; **16<sup>th</sup> May, 2012** as appropriate in US and Europe

#### **f. AOB**

- since the **MSFC SUMI** and **Hi-C** rocket payloads will be shipped to **WSMR** shortly after the next scheduled SSC meeting, **Cirtain** will circulate details of the proposed Hinode support observations before the meeting

##### **ACTION: Cirtain to circulate support observation details**