

62nd Hinode SSC Meeting on 22nd March, 2012 at 07:00 JST

Short Summary, Conclusions and Actions

a. Program Status:

1. Instrument Status Review

SOT is nominal. Turn-on went very smoothly; performance and images since turn-on are essentially as before; small changes in focus and PMU performance can be handled in the usual ways; Turn-on procedure was based on that used in the last software load when the instrument computer is rebooted; only minor changes were needed.

XRT is nominal. Recovery was straight forward with no issues; Operator error resulted in XRT exceeding its telemetry limits; Nice set of full FOV 2x2 high cadence images were obtained as a result (<http://xrt.cfa.harvard.edu/xpow/20120319.mov>); AR are saturated but QS dynamics are interesting.

EIS is nominal. Recovery was successful; Calibration data acquired before and after manoeuvre; Full data available in one week; Quick look data appear fine.

Shimizu-san reported that the spacecraft status was nominal

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

- following the manoeuvre interval, **HOP 207** should be scheduled for week of **April 2** or **April 9** subject to suitable AR being available

- **HOP 81** and **HOP 130** are running as currently scheduled in the period **21 March** through **27 March**

d. Review of New Proposals and Scheduling of Observations

1. Polar Panorama Map for Understanding Polar Reversal in Cycle 24 – Shimojo

(masumi.shimojo@nao.ac.jp) – HOP 206

- urgent to obtain data for **South Pole**; schedule every three days during **April**; starting **3rd** and **6th**

ACTION: Watanabe to modify HOP 206 text for South Pole observation; Completed

2. Venus Transit on 6th June – HOP 209

- merged **HOP** outline now submitted by **Sterling**; Hinode team contacts **Shimizu-san** and **Sterling**
- need for an **observation timeline** and **clear set of requirements** to be agreed with each of the Hinode teams
- urgent to complete this process by date of next SSC meeting

ACTION: Certain to contact Sterling to agree definition and clarification process

3. 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
- **defer further consideration to next meeting; need for additional discussion within SOT team**

4. Acoustic Events and Magnetic Elements in the Solar Atmosphere - Malherbe, Roudier, Berger Frank - HOP 210

- following earlier successful observations, aim to study the relationship between acoustic events and magnetic elements derived from Stokes V/I
- new HOP number assigned; disc centre **Quiet Sun** observation of **2 hr** duration; **SOT only**
- scheduled for **19th April**

5. The continuing monthly observations are:

- **Multi-temperature Full Disk Slot Scans – Ugarte-Urra, Brooks, Warren; CORE HOP 130**
- scheduled for **17th April**
- **Polar Monitoring - Shimojo; CORE HOP 81**
- replaced by **HOP 206** during **April**
- **Synoptic SOT Irradiance Scans – Berger; CORE HOP 79**
- run on **1st May** (N-S) and **3rd May** (E-W)

e. Date of Next Meeting

- next meeting: **27th April, 2012** at 07:00 JST; **26th April, 2012** as appropriate in US and Europe

f. AOB

- no AOB items