

61st Hinode SSC Meeting on 16th February, 2012 at 07:00 JST

Short Summary, Conclusions and Actions

a. Program Status:

1. Instrument Status Review

SOT is nominal

XRT is nominal

EIS is 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

- during a Hinode spacecraft contact with the McMurdo ground station on **2nd November, 2011**, there was a substantial loss of downlinked data; this was believed due to Hinode incompatibility with a recent upgrade of the station's Command, Ranging and Tracking (CRT) systems

ACTION: Cirtain and Cobb will follow the situation; completed

- NASA SCNS (Space Communications Network Services) Ops Supervisor has reported that the prime and backup systems are operating correctly. It is believed that the actual problem was with the antenna control assembly (ACA) while in autotrack. A reboot of the ACA coupled with some minor adjustments by the vendor seems to have cleared the anomaly. **There has been no further data loss at McMurdo due to this problem since 2 November.**

c. Review/Discussion of Open HOPs and ToOs

- no issues raised with open or ongoing HOPs

d. Review of New Proposals and Scheduling of Observations

1. Study of the Relationship between a CME and a Coronal (EIT) Wave – Long (dml@mssl.ucl.ac.uk), Seaton (dseaton@oma.be) - HOP 207

- schedule for **20th March** or earlier if XRT trigger test complete and EIS study validated;

- requires limb AR; **ToO**

**2. Energy Exchange between the Photosphere and Corona – Harra (lkh@mssl.ucl.ac.uk),
Abramenko (avi@bbso.njit.edu) - HOP 208**

- schedule for five days starting **17th February** for **AR 11420**; run as **ToO** on future occasions

3. Venus Transit on 6th June – HOP 209

- two HOP outlines submitted with Hinode team contacts **Shimizu-san** and **Alphonse Sterling**
- need for SSC to define and agree Hinode mission plan for this unique opportunity; planning should include outreach and press release activities; further HOP proposals likely to be submitted

ACTION: Certain to contact Shimizu-san and Sterling for initial discussions

4. Helioseismology Observations of the Sun's Polar Regions with SOT – Sekii (sekii@solar.mtk.nao.ac.jp); HOP 101

- schedule for **March 2nd – 4th** with week of **12th March** as backup
- preferred duration: **at least 8 hours each day**

5. The continuing monthly observations are:

- **Multi-temperature Full Disk Slot Scans – Ugarte-Urra, Brooks, Warren; CORE HOP 130**
- scheduled for **6th and 27th March**
- **Polar Monitoring - Shimojo; CORE HOP 81**
- scheduled for **22nd through 24th March**
- **Synoptic SOT Irradiance Scans – Berger; CORE HOP 79**
- scheduled for **29th March (N-S) and 31st March (E-W)**

e. Date of Next Meeting

- next meeting: **22nd March, 2012** at 07:00 JST; **21st March, 2012** as appropriate in US and Europe

f. AOB

- no AOB items