53rd Hinode SSC Meeting on 23rd June, 2011 at 07:00 JST

Short Summary, Conclusions and Actions

a. Program Status:

1. Instrument Status Review

SOT is nominal for eclipse season, meaning that stable focus and good image quality are only available for the latter half (roughly) of each orbit's sunlight. There is a small amount of contamination on the FG CCD, so we are planning to do a bakeout July 5-7. We will use the same procedure as on the last 2 bakeouts. The SOT telemetry allocation can be reduced to ~20% for the upload on 5 July.

XRT nominal; question (**Reeves**) re data over-writing by SOT when working at high rates was fully answered (**Tarbell**) after the meeting. Data over-writing cannot occur but recent incorrect data rate predictions have resulted in a full DR being unable to store further data. Prediction software has now been modified.

EIS is nominal; EIS revised planning was tested successfully. The documentation and last changes to the SW will be made during this week. For the EIS flare trigger, the planning tool and onboard SW ground testing is completed. The first onboard testing is planned for the week of the 27th June.

b. Review and Discussion of Action Items from Meeting #52

- Re **Berger** on status of ToO HOP list – see **item c**

ACTION: Hinode teams to inform Berger of ToO HOP status; ongoing

Other actions are closed or ongoing

c. Review and Discussion of Action Items from Palermo SWG Meeting

ACTION: Cirtain to present comments on HOP assessment and tracking to future SSC; ongoing

Following work by **Cirtain** and a grad student this action is essentially complete apart from a need to assess a few remaining papers. Full report, available for review in **August**, will be presented at the **October 10th SWG** meeting meeting

- 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

NOTE: See sections e 3. and e 4. for comments on priority for HOP 166 and HOP 192 (WEST conflict) and for HOP 188 and HOP 191 (PST/MST conflict)

d. Review/Discussion of Open HOPs and ToOs

- there was no discussion required for currently open HOPs and ToOs

e. Review of New Proposals and Scheduling of Observations

An unusually large number of HOP suggestions was received prior to the meeting. They are listed below along with assigned HOP numbers and related discussion and actions as appropriate. Schedule overlaps are indicated.

1. Magnetic Field Structure of Active Region from Photosphere to Chromosphere – Oi; HOP 171
- schedule in interval **27-Sep** to **7-Oct**; min duration: **23:00 UT** to **01:00 UT**

2. Magnetic Field Topology and Dynamics of Moving Magnetic Features and Emerging Loops - Balthaser; ToO HOP 190
- schedule in interval **25-Aug** to **10-Sept**

3. Shocks in the Solar Atmosphere: Coordinated Observations with BBSO/NST – Chae; HOP191
- schedule in intervals **11 Jul – 15 Jul** and **15 Aug to 19 Aug**; duration:**18:00 UT** to **20:00 UT**

NOTE: HOP 188 (Flare observations with DST/ROSA: 7 - 14 Jul) has ground-based support from an adjacent time zone; suggest HOP 188 has priority in overlap interval if flaring AR is available

4. Joint Observations with SST – Danilovich; HOP 192
- schedule in interval **10-Jul** to **19-Jul**; duration: **08:30 UT** to **11:30 UT**

NOTE: Overlaps with CORE HOP 166 on 17 to 19 July; both programs have Canary Island ground-based support; suggest HOP 166 has priority

5. EPO Campaign Observation mainly for High School Students - Yaji; HOP 173
- schedule in intervals **24-Jul** to **30-Jul** and **01-Aug** to **06-Aug** ; synoptic at approx **04:00 UT**

6. Line Shift vs. Temperature with Estimate of Absolute Velocity: Joint Observation with SUMER – Teriaca; HOP 193
- schedule in interval **4-Jul** to **8-Jul** when SUMER will be briefly operational

7. A Comparison of Spectropolarimetric Results: THEMIS, HINODE-SOT/SP and SDO/HMI - Sainz-Dalda; ToO CORE HOP194
- schedule in interval **19-Sep** to **24 Sep;** optimum conditions at Teide: **07:15 UT** to **12:00 UT** and **16:00 UT** to **18:55 UT**

8. Quiet Sun and Facular Regions properties: Coordinated observations with SST/DOT – Criscuoli; HOP195
- schedule in interval **6-Aug** to **19-Aug;** duration **08:00 UT** to **12:00 UT**

9. Hinode-NST Joint Studies of Magnetic Diffusion in Coronal Holes - Abramenko
- three observing periods requested in late **July (25th to 30th) and August**
- to be discussed again at next SSC meeting following clarifications from proposer and BBO staff

ACTION: Tarbell to seek clarification on data-related issues from proposer and from BBSO staff

10. Hinode-NST Joint Observations of Intergranular Jets - Yurchyshyn; HOP196
- schedule for **4 to 5 days in August from intervals 1 – 14 Aug and 22 – 31 Aug**; duration **17:00 UT** to **21:00 UT**

11. The Formation and Evolution of Filament Channels and their Filaments – Martin; HOP 197
- schedule in the period **16-Jul** to **24-Jul**

12. The continuing monthly observations are:

- **Synoptic SOT Irradiance Scans – Berger; CORE HOP 79**

- programme to be scheduled

- **Multi-temperature Full Disk Slot Scans – Ugarte-Urra, Brooks, Warren; CORE HOP 130**

- scheduled for **19th July**

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

- scheduled for **3rd/4th July**

- **f. Other Business and Date of Next Meeting**

- next meeting: **22nd July**, 2011 at 07:00 JST; **21st July**, 2011 as appropriate in US and Europe