Solar-B EIS

MULLARD SPACE SCIENCE LABORATORY
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SOLAR B - EIS Science & Operations ACTION ITEMS No. 5

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Distribution

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EIS-Science	✓
EIS-Tech	✓
EIS-Soft	✓

After the ACTIONS table are details of the resolution of each CLOSED Action and any additional details of Action Items that could not fit in the table.

Could I ask that all actions are closed by providing a technical note, memo, document or drawing, and that this or a reference to this is distributed appropriately with a copy to the Project Manager. We need to do this so that the closing of the action and the method by which it was closed is properly documented.

Notes:

- Actions are prefixed with the letter 'S' to differentiate them from actions which appear on the technical actions list.
- These lists act as reminders to you and a way of tracking progress on actions for me. If you can't remember the details of the action it is unlikely anyone else will.
- S1 to S34 are from the science meeting held at NRL in January 2002
- S35 to S42 are from the Mission Operations and Data Archive meetings from Jan 2002 and July 2002 (only those actions for EIS consortium members shown in this list).
- S43 to S45 are from the EIS software telecon on 5th September.
- S46 and S47 are from EIS software telecon on 3rd October 2002.
- S48 to S70 are from the EIS science meeting held at MSSL in November 2002.

Only open and Actions closed since last update are shown

No.	ACTION	By Whom	By When*
S1	Fix wavelength ranges	JL, CMB	Closed
S5	Investigate use of dark CCD for monitoring cosmic rays	WT	NSM
S6	Determine effect of cosmic ray hits on TRACE exposure time	AW	NSM
S7	Send XRT AEC test method to Khalid	TW	ASAP
S9a	Investigate method of triggering bright point mode	HEM	ASAP
S9b	Collaborate on suitable algorithm for such a mode	HEM, KFJ, LKH	NSM
S10	Investigate sensitivity of triggers	LKH, AW	NSM
S11b	Analysis of impact of Hara-sans scheme to science s/w and FITS	VH	ASAP
S12	DR limit to be re-assessed and number of DSN contacts determined	LKH, JLC	NSM
S13	Read and Comment on science software prioritization	ALL	End May 02
S14	Provide info on how to obtain s/c pointing info	TW	NSM
S15	Confirm fine mirror step	CMB	NSM
S16	Determine which HK parameters are in FITS header	OW, MCRW, DMZ	NSM
S17	Plan to include planning tool info in FITS files	MCRW (was HAP)	NSM
S18	Add QL s/w and throughput routines to SSW	JTM, OW, VH	NSM
S20	Consider jitter corrected s/c pointing info in design of FITS	MCRW (was HAP)	NSM
S21	Look at CDS mk_plan and provide info on desired differences (input from this action to Planning Working Group)	ALL	NSM
S23	Ensure that planning tool enforces users to provide as much information as possible	CDP	NSM
S24	Construct link to CDS s/w note describing low level catalogue queries	LKH	NSM
S28	SWG to obtain further input from the team on 3 month science plan	LKH	NSM
S30	Develop a plan for 'PR' images	LKH, SWG	NSM

S31	Determine whether synoptic data has same 6month priority as normal data	TW	NSM
S32	Ensure web-based planning tool is user friendly	CAF	NSM
S34	Provide XRT-AEC simulation results	HH	NSM
S36	MO&DA25: Circulate EGSO/VSO draft standards	CDP	NMM
S37	MO&DA26: Propose mission-wide list of standard keywords	CDP, DMZ	NMM
S38	MO&DA28: Investigate what to contribute to a simplified mission-wide relational database	EIS	NMM
S39	MO&DA32: Estimate typical and worst-case size of daily observing table uplink requirements	EIS	NMM
S40	MO&DA33: At next team meeting discuss division of effort for MODA s/w development and support between US/UK/Japan in preparation for funding proposals	EIS	NMM
S42	MO&DA37: Schedule a Science Working Group meeting around time of next Solar-B science meeting	JLC, TW, GAD	ASAP
S43	Software requirements document update	MSSL	Nov 2002
S44	Request Alphonse to translate (some of) the ISAC_PLN document	John M.	Oct 2002
S46	Repackage John Mariska's model data into ccsds and mission data packets for Oivind to read with the quicklook system.	MSSL (Matt)	End Oct 2002
S47	CDS FITS format documentation familiarization	All	November 2002
S48	decision on data policy should be made at PI level. The suggestion is to follow the Yohkoh model, in which anyone who wished to carry out data analysis contacted a PI and would be added to the 'solar-B team'.		
S49	Science working group to be formed before the next solar B science meeting.	John D.	
S50	Decision on who is responsible for the FITS archive.	JLC, AMJ	ASAP
S51	Configuration control to be planned for calibration post launch. A general post launch plan should be created.	AMJ	End of 02
S52	Software interfaces to be defined, and a more detailed plan produced.	AMJ	End of 02
S53	To decide on the standard way of producing an 'atlas' for the web etc. (i.e. lines to be chosen etc.).	LKH, EIS-SWG	
S54	To provide information to Viggo about what is required for the calibration next year.	JL	
S55	HK parameters should be chosen to go into the FITS header.	EIS-SWG	
S56	Plan for the wavelength calibration.	EIS-SWG	
S57	Plan for maximising ease of finding observations following the event, use of grids etc..	EIS-SWG	
S58	Test the flare trigger (SAM, LKH, KFJ, AW)	SAM, LKH, KFJ, AW	
S59	Identify standard sequences for different targets and refine 3 month plan with synchronising with other instruments.	EIS-SWG	
S60	Planning document to be sent round - everyone will have a chance to respond by e-mail, followed by a telecom to wrap things up.	CDP	
S61	Instrument spec to be updated and sent out to everyone.	AMJ	End of 02
S62	Presentations to go online.	LKH	ASAP
S63	Address what planning can be done remotely and what must be done at ISAS. Plan A (based in Japan) and plan B (remote).	JLC, GAD, TW	
S64	Chairman of the MODA should be decided.	John D	
S65	Decide deadline of submission of MODA document.	John D	Closed
S66	Get names from each team/institute who are responsible for EPO activities.	LKH	
S67	Check how the EIT LEDs were used for flat-field correction.	KD	
S68	Initial commissioning phase document to be sent out.	AMJ, LKH	Closed
S69	Put warnings on the EIS study form for data rate limit etc	DRW	

S70	Confirm date for next EIS science meeting at RAL.	JL	Closed
NEW ACTION ITEMS			

* **NSM – by Next Science Meeting**
NMM – by Next MO&DA Meeting
ASAP – As Soon As Possible

Details of recently closed actions:
Those in bold require some further Action to be taken and will not be removed from this list.

S1: 190 +/-20 and 270 +/-20Å (170 to 210Å and 250 to 290Å), however, within the short wavelength band the reflectivity of the multilayers restrict the performance below 180Å and above 204Å the solar lines are weak.

S65: First draft now available on MO&DA website v. 0.97

S68: Commissioning plan distributed on 15th Jan 2003 for comments

S70: Meeting confirmed as happening at RAL, Conference Room 12, R68 on the 13th and 14th May 2003.