

Solar B - EIS

**MULLARD SPACE SCIENCE LABORATORY
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SOLAR B - EIS OPEN ACTION ITEMS

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Only open and recently closed Actions are shown

No.	ACTION	By Whom	By When
133	Show wiring harness concept on structure drawing.	MSSL	Mid Sep 00
161	Estimate Occurrence rate of SEU in ICU.	AJM	End Jul 00
180	Examine structural deformation at a range of delta T's (new concept).	SM	Mid Aug 00
183	Prepare a plan for managing the Clamshell during TV testing.	CB/SM	End Aug 00
187	Clarify the survival heater requirements and positions and what is their switch on philosophy?	AJM	Closed
201	Two math structural models (with & without launch lock) to be sent to Melco by mid April 2000.	BU	Closed
202	Provide interface and design details of the launch lock by mid April 2000.	BU	Closed
204	Prepare a draft handling procedure for the EIS instrument.	BU	Mid Aug 00
209	Melco to advise the magnetic flux at ICU from the magneto torquer.	HH	Closed
211	MSSL to provide pin/out details for survival heaters.	AJM	End Jul 00
217	Write up detailed description and block diagram for the vacuum MGSE/EGSE required for the Clamshell.	NRL	Closed
221	Provide rise and fall times for all the timing charts (10% of clock period?).	HH	Mid Jul 00
240	Melco to decide on acoustic test levels and provide to EIS and NASA.	HH	Closed
258	Prepare Contamination Control Plan.	RAL	Closed
263	J-side will provide software which will support SDTP protocol.	HH	Mid 2000
264	J-side to provide a facility to see commands as they are sent in the PM EGSE at ISAS	HH	Closed
267	J-side to provide 6 new memory IDs.	HH	Closed
272	Ask Melco to approve envelope change relating to radiator scheme C, with a dimension for the excursion of 350mm.	HH	Closed
277	Identify differences in PM & FM test configurations.	AJM	Closed
278	MSSL to provide pin allocations for ICD.	AJM	End Jul 00
281	Review survival heater power budget for revised survival temperature range.	AJM/ CMC	Closed
284	Provide to MSSL the procurement levels of components that will be directly interfaced to the Bus side power.	HH	End Aug 00
285	Discuss with Melco the nitrogen purging requirements.	HH/CB	End Aug 00
286	Submit updated thermal model reflecting current design changes to EIS. Provide thermal data at the EIS mounting points to ISAS (data currently in EIS thermal model and needs to be identified to ISAS).	CMC	Closed
287	Develop observation plan for EIS showing mirror movement requirements.	LKH	End Aug 00
289	Continue comparative analysis between JPEG and H-compress. Present results at the upcoming EIS science meeting at MSSL.	LKH	Mid Aug 00
290	Clarify JPEG anomaly noted in TRACE data; identify Q factor used; report anomalies noted in LASCO data from JPEG.	GAD	Closed
293	Submit Solar-B Telemetry/Command Design Standard to MSSL; Japanese version as soon as available, followed shortly with English translated version.	HH	End Aug 00

294	Review high impedance design approach as it applies to differential drives, serial communications and wave shape distortion (reference proposals made by MSSL).	HH	End Apr 01
296	Prepare observation plan for EIS showing when mirror re-points can be conducted.	HH	End Jul 00
297	AOCS to inform what can be tolerated when re-pointing.	HH	End Jul 00
298	Update EIS power budget to include early orbit power requirements (door opening).	AJM	Closed
300	Confirm that all windows for a given slit have the same height.	HH	Closed
301	Sort out the exposure concept for Strong/Weak lines.	HH	Closed
306	Clarification required for EIS attached area (ref par 4.5.1 in ICD)	CMC	Closed
307	Hiro requested information on the heat distribution across EIS	CMC	Closed
308	Expanded par 4.5.5 in the ICD to include optics and sub systems	CMC	Closed
309	Survival heaters need to be added to the ICD, with reference to peak and nominal values. Confirmation is needed for the values of operational heater power	CMC	Closed
311	Identify questions for Melco on break-out boxes	RAC	Closed
312	Provide details of magnetic components (e.g. motors) for the ICD	AJM	Closed
315	Check on the radiation hardness of the piezo driver	AJM	End July 00
316	Interface needed for vacuum and nitrogen purge requirements	CMC	End July 00
318	Issue EIS operating modes document	KFJ	Closed
319	Clarification is required for the CCD survival heater operation during the CCDs bake-out sequence.	AJM	Mid Sep 00
320	Re-visit survival temperatures in BU/SLB-EIS/TN002.02 page 13.	CMC	End July 00
321	Specify the maximum current and acceptable voltage drop for each power cable	AJM	Mid Aug 00
324	Prepare a document outlining the functionality of the PM (hardware and software) and a proposed test outline	AJM	Closed
326	Update the telemetry document	KFJ	Mid Oct 00
327	Prepare a note on the Low Voltage Differential Signaling (LVDS) parameters	AJM	Mid Aug 00
328	Investigate the survival temperature for the CCDs	CJM	Closed
331	Devise a test method for thermal distortion.	CMC	End Jul 00
332	Include the MLI dimensions on the structure drawing	CMC	Closed
333	AO, BO and CO should be used in future to refer to the attachment points	CMC	Closed
334	Provide a drawing showing any extra holes required in the leg base plate	CMC	Mid Nov 00
335	Look at the implications (particularly mass) of using 10 attachment points for the ICU	MSSL	Mid Jul 00
336	Make a recommendation for the number of cycles for unit level TV testing	MSSL	Mid Jul 00
337	Include environmental tests for the EIS models in the next issue of the ICD together with the test levels	MSSL	Closed
338	Check the instrumentation required for testing the MTM at ISAS	MSSL	Mid Sep 00
339	Melco to provide detailed drawings of the legs, which have been modified with cotter pins	HH	22 Jun 00
340	Provide temperature ranges for each sub assembly to Melco	MSSL	6 Jul 00

341	Provide documents to accompany the Thermal and Structural math models	CMC	Closed
342	Check the implications of the Busy signal being busy when MDP is off.	MSSL	End Jul 00
343	Provide further information on command and status lists	MSSL	Closed
344	Melco to review the comments/interpretation of the Environmental Test Document tabled by C Brown/S Mahmoud	HH	29 Jun 00
345	Thermally model the first 150minutes of flight	CMC	Mid Oct 00