

EIDP DRB Subject :	Beam Steering Mirror FSM	DRB MoM N°:	SPIRE-RAL-MoM-002138	Issue N°:	1	Page 1 of 7
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EIDP Doc N°/issue:	SPI-BSM-DOC-00745	DRB Location:	RAL	DRB Date:	6th Oct 04
Spacecraft / Project:	SPIRE	Instrument / Model:	BSM Flight Spare	Ser No:	

AGENDA & PARTICIPANTS

Participants:		Agenda:
<i>Print Name</i>	<i>Signature Required</i>	
RAL: E Sawyer		<ul style="list-style-type: none"> • General comments • Check list • Performance issues <p>Doug left the meeting after general comments were completed. Bruce arrived after check list completed to cover performance issues.</p>
RAL: D Griffin		
RAL: B Swinyard		
RAL: Eric Clark		
ATC: P Par-Burman		
PPARC: Ray Carvell		
ESA		
ESA:		
Company / Institute		Additional Distribution
Company / Institute		PROJECT OFFICE
		Carsten Scharmberg

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GENERAL COMMENTS

Action			Title & Description
No	Responsibility	Due Date	
A 1	Ray Carvell		ESA /ALCATEL were not informed in time to attend this meeting, may require a delta meeting.
A 2	Phil PB		D G comments. Metrology data is in the Test report for the BSM but not for the shoe, Shoe drawing and metrology data (if available)to be included in the EIDP.
			PERFORMANCE ISSUES
A 3	Bruce S		Agreed RFW can be accepted Bruce will sign it for project. (ref Check list section 4)
			Test report SPI-BSM-REP-0010 Section 2.2 typo errors corrected during meeting.
			Any restriction on use when warm or in air should be detailed in the Handling plan or stated if not applicable.
			Power consumption is significantly lower than in original model and requirements.
			GENERAL PA NOTE
			Linking to the ftp site for evaluating the EIDP documentation is OK but the delivered EIDP MUST be a STAND ALONE document containing all the documents and Drawings referred to. The EIDP is a snapshot of the ITEM as delivered ftp sites can be made inaccessible or be updated and therefore no longer reflect the as delivered Item

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CHECK LIST

No	Record applicable answers and provide explanations in comment column	Yes	No	N/A	Comments	Responsible Sign & Date
1	Are all Documents, Drawings, etc complete, approved and under configuration control	Yes				
2	Do the Released items above reflect all approved Changes	Yes				
3	Is the Hardware identical to other Hardware delivered? If not provide difference list		No		Larger more powerful Magnets fitted to flight spare	
4	Does the Hardware fulfil its functional requirements, Specifications? RFW's, ICD's etc.	yes			RFW verbal agreement awaiting sign off	
5	Does the As built Configured Items List reflect instrument as delivered	Yes				
6	Have all required environmental tests & analyses been completed	Yes				
7	Have all the required Tests and Qualification procedures and reports been completed and available to review.		No		Test Specification missing	
8	Have all the Declared Lists, i.e. DML, DMPL, DPL & components (EEE Parts) list been released (May not be included in EIDP, but must be available)	Yes				
9	Have PADS been raised and approved where required.		No		SPI-BSM-OTH-0011 raised RAL to raise connector PAD	
10	Are the Test Readiness Review (TRR) minutes and the Post Test Reviews (PTR) complete and available?	YES			To be included in the EIDP	

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EIDP Check List

No	Record applicable answers and provide explanations in comment column	Yes	No	N/A	Comments	Responsible Sign & Date
11	EIDP CHECK (Refer to EIDP Contents list) Are all agreed sections of the EIDP complete. Record any anomalies.		No		See points from EC list repeated below	
11.1	RD6				Anticipated that 3.2 (as built version) will be signed off in the very near future	
11.2	Document No SPI-BSM-DOC-00745 missing in header				To be corrected	P PB
11.3	Date in Version Control not the same as in Header				To be corrected	P PB
11.4	RD2 FED 209 Std has been superseded by EN-ISO-14644-1:1999				Leave as is for this model but ref new standard in future projects	
11.5	RD5 DML SPI-BSM-PRJ-0710 issue 1.3 on CIDL shows issue 1.5				To be corrected	P PB
11.6	RD3 DPL SPI-BSM-PRJ-0708 Issue 1.4 on CIDL shows issue 1.6				To be corrected	P PB
11.7	RD4 DPL SPI-BSM-PRJ-0709 Issue 1.1 on CIDL shows issue 1.3				To be corrected	P PB
11.8	RD7 Preparation and Torque Tightening of Fasteners SPI-BSM-NOT-0018 issue 1.1 CIDL Screw thread lubrication and torque control for BSM SPI-BSM-NOT-0018 issue 1.3 (Name and issue different)				To be corrected	P PB

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11.9	AD3 SPIRE BSM Design Description SPIRE-ATC-PRJ-000466 on CIDL refers to it as SPI-BSM-PRJ-0587				To be corrected	P PB
11.10	EIDP section 3.6 BSM issue v3.2 CIDL issue 3.1				To be corrected	P PB
11.11	Family Tree not Listed in CIDL				To be corrected	P PB
11.12	Spire BSM Verification Summary 4.1.9 ref RFW should quote number for traceability				To be corrected	P PB
11.13	Spire BSM Verification Summary. What do the letters in the FSM column mean?				Flight Spare Model (suggest note added to doc)	P PB
11.14	Mate / De-mate Logs it is not clear from the logs what has been mated to what, Savers etc				ATC to reference where this information can be found or add to logs	P PB
11.15	List of waivers is missing I agree only copies of relevant RFW's need to be included but unless you plan to have a waiver list for each deliverable the complete list of waivers should be included. The same applies to NCR list.				Up dated List and copies to be added	P PB
11.16	Link to NCR list not working.				Worked OK during Meeting no action required.	
11.17	No copies of NCR's included				Up dated List and copies to be added	P.PB
11.18	The EIDP is a configured Item and should be listed on the CIDL					P PB

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DELIVERY ACCEPTED BY:

RAL.	
Name	Signature & Date
Project Manager:	
Eric Sawyer	
PA Manager:	
Eric Clark	

Customer / Industry / Supplier.	
Name	Signature & Date
Project	
Phil Par-Burman	
Product Assurance	
Phil Par-Burman	