



Minutes of Meeting

SPIRE-AST-MOM-003061

Date:	23.11.07	Herschel	
Doc.-No.:	HP-2-ASED-MN-1446		
Meeting place:	ASED FN	Chairman:	<i>D. HENDRY.</i>
Date/Time:	16-00	Secretary	D.Hendry
Agenda dated:		Close of Meeting:	

Subject: CPM for Instrument EMC ACS

Participants:	S.Hamer ASED	M.Muller ASED
	D.Hendry ASED <i>D. Hendry</i>	<i>hm</i>
	N.Sonn ASED	Additional ESA
	M.Koelle ASED <i>PK</i>	.Distribution: TASF
	K.Goodey ESA <i>PK - JG</i>	
	D.Schink ASED	
	S.Mooney TASF <i>S. Mooney</i>	
	M.Hopfgarten ASED <i>M. Hopfgarten</i>	
	B.Gobillot TASF <i>by P. Gatti</i>	
	A.Gatti ESA <i>A. Gatti</i>	
	P.Dielman SRON <i>by P. Gatti</i>	

Page: 1 of 9 Page(s)

<input type="checkbox"/> Brief-Minutes (except following sheets)	<input type="checkbox"/> Summary of Results of Sheets 2 till
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Reference	Results	Remarks
	<p><u>AGENDA</u></p> <p>1. Procedure/ACS</p> <p>2. Instrument H/W configuration</p> <p>2.1 HIFI</p> <p>2.2 SPIRE</p> <p>2.3 PACS</p> <p>3. Instrument S/W configuration</p> <p>3.1 HIFI</p> <p>3.2 SPIRE</p> <p>3.3 PACS</p> <p>4. HPSDB</p> <p>5. SVM H/W configuration</p> <p>6. EPLM H/W configuration</p> <p>7. Operational Constraints</p> <p>8. Open Work</p> <p>9. Personnel and Responsibilities</p> <p>10. Conclusion</p>	



Reference	Results	Remarks
	<p>1. Procedure/ACS HP-2-ASED-SD-0209 HIFI will provide comments and agreement. Settings for the LO dummy will be provided by HIFI prior to the test</p> <p>2. Instrument H/W configuration 2.1 HIFI WG terminations are not installed, terminations are needed prior to instrument switch on. SRON-G/HIFI/PR/2007-019 iss 1.5.2 dated 20.11.07 The procedure states pre conditions that the WG must be terminated. No ACS exists for terminating the WG I/P is required from HIFI for procedure to terminate the WG. SRON advise by phone that Condev recommend attenuators are fitted. ESA advise that the attenuators should be available for the EMC test planned for Tuesday next week. SRON confirm that copper tape shall not be used for the EMC debug testing</p> <p>2.2 SPIRE Cable swap is done for one connector but not complete ACS is still open. SPIRE advise that the instrument can be switched on and operated in this configuration Ref HP-TASF-MN-9830 dated 22.11.07</p> <p>2.3 PACS Shorting plugs are still fitted and one connection to the DECMEC is still demated for the ongoing investigation of NCR ASED-NC PACS have agreed to ASED ACS ASED-SD-0210 for reconnecting the cable and removing the shorting plugs.</p>	<p>Open SRON Open SRON</p> <p>Open SRON</p> <p>Open SRON</p>



Doc.-No.: HP-2-ASED-MN-1446
 Date: 23.11.07
 Page: 4

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	<p>For this activity the power panel must be closed PACS must not be switched on until this ACS has been completed and signed off. This activity can be performed tbd.</p> <p>3.Instrument S/W configuration. 3.1 HIFI OBSW ver 5.2.0 MIB v 11.2</p> <p>3.2 SPIRE MIB v 2.2.G6 OBSW :</p> <p>3.3 PACS MIB v8.17 OBSW: DPU 8.48 SPU 13.8 DECMEC 6.20</p> <p>4.HPSDB Version HP-2-ASP-LI-1441 iss 4</p> <p>CDMS S/W</p>	



Doc.-No.: HP-2-ASED-MN-1446
 Date: 23.11.07
 Page: 5

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	<p>Version 3.1.0.2 loaded on image 2 of PMA and B</p> <p>All instruments confirmed that these issues of SW can be used ref HP-2-ASP-MN-9830</p> <p>5.SVM H/W configuration. Power panel open, All other panels closed</p> <p>6.EPLM H/W configuration OBS off Instruments are uncovered, Red tags status is to be clarified for HIFI. RED tags for SPIRE and PACS are removed. No impact for debug</p> <p>7.Operational Constraints. 7.1 PASC must not be switched on until completion of OW ACS SD-0210 7.2 HIFI must not be switched on until completion of OW 7.3 OBCP shall not be loaded</p> <p>8.Open Work 8.1 HIFI confirmation of ACS SD-0209</p>	<p>Open ASED</p>

Reference	Results	Remarks																												
	<p>8.2 HIFI to confirmation method of WG terminations. (copper tape is not permitted)</p> <p>8.3 HIFI to confirm setting for LO dummy</p> <p>8.4 ASED ACS for fitting WG terminations</p> <p>8.5 ASED ACS SD-0210 for reconnection of PACS connection and removal of shorting plugs</p> <p>8.6 ASED update of ACS SD-0209 as below and Include SW issues</p> <p>8.7 The procedure HP-2-ASED-PR-0100 iss 1 draft is annexed to the ACS The procedure will be red lined prior to the start of debug testing suppressing those sections and steps that will not be performed due to the constraints listed above.</p> <p>9. Personnel and Responsibilities</p> <table border="1" data-bbox="387 1082 1794 1353"> <tr> <td>Test Director</td> <td>S.Mooney</td> <td>TASF</td> <td></td> </tr> <tr> <td>Test conductor</td> <td>M.Hopfgarten</td> <td>ASED</td> <td></td> </tr> <tr> <td>CCS operator</td> <td>S.Hamer</td> <td>ASED</td> <td></td> </tr> <tr> <td>Inst Responsible</td> <td>N.Sonn</td> <td></td> <td></td> </tr> <tr> <td>PA</td> <td>D.Hendry</td> <td>ASED</td> <td></td> </tr> <tr> <td>ESA I/F</td> <td>A.Gatti</td> <td>ESA</td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> </tr> </table>	Test Director	S.Mooney	TASF		Test conductor	M.Hopfgarten	ASED		CCS operator	S.Hamer	ASED		Inst Responsible	N.Sonn			PA	D.Hendry	ASED		ESA I/F	A.Gatti	ESA						
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Doc.-No.: HP-2-ASED-MN-1446
 Date: 23.11.07
 Page: 7

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	<p>10.Conclusion For SPIRE there are no blocking points HIFI have a number of OW which shall be completed prior to debug testing PACS OW needs to be completed. ACS to be updated and distributed and agreed by all parties prior to the start of debug, the only instrument which will be included in this debug is SPIRE. A further debug session is necessary for the other 2 instruments when the OW has been completed.</p> <p>A check point will be held prior to any switch on of the instrument , by ASED PA to confirm approval of the updated ACS .</p> <p>The ACS SD-0209 shall also be signed by the floor manager ASED prior to any test. TASF will sign for system engineering.</p>	

	Name	Dep./Comp.		Name	Dep./Comp.
	Alberti von Mathias Dr.	ASG23	X	Schmidt Thomas	AED15
	Baldock Richard	FAE12		Schweickert Gunn	ASG23
X	Barlage Bernhard	AED13	X	Sonn Nico	ASG51
	Bayer Thomas	ASA42		Steininger Eric	AED32
	Brune Holger	ASA45	X	Stritter Rene	AED11
	Edelhoff Dirk	AED2		Suess Rudi	OTN/ASA44
	Fehringer Alexander	ASG13		Theunissen Martijn	DSSA
X	Fricke Wolfgang Dr.	AED 65	X	Vascotto Riccardo	HE Space
	Geiger Hermann	ASA42		Wagner Klaus	ASG23
	Grasl Andreas	OTN/ASA44	X	Wietbrock Walter	AET12
	Grasshoff Brigitte	AET12		Wöhler Hans	ASG23
X	Hamer Simon	Terma		Wössner Ulrich	ASE252
	Hanka, Erhard	FI52	X	Zumstein Armin	ASQ42
	Hendrikse Jeffrey	HE Space			
X	Hendry David	Terma			
	Hengstler Reinhold	ASA42			
	Hinger Jürgen	ASG23			
X	Hohn Rüdiger	AED65			
	Höizle Edgar Dr.	AED32			
X	Hopfgarten Michael	AED32			
	Huber Johann	ASA42			
	Hund Walter	ASE252			
X	Idler Siegmund	AED312			
	Ivány von Andrés	FAE12			
	Jahn Gerd Dr.	ASG23			
X	Kalde Clemens	ASM2	X	ESA/ESTEC	ESA
	Kettner Bernhard	AET42	X	Thales Alenia Space Cannes	TAS-F
	Klenke Uwe	ASG72		Thales Alenia Space Torino	TAS-I
	Knoblauch August	AET32			
X	Koelle Markus	ASA43		Instruments:	
X	Koppe Axel	AED312	X	MPE (PACS)	MPE
X	Kroeker Jürgen	AED65	X	RAL (SPIRE)	RAL
X	La Gioia Valentina	Terma	X	SRON (HIFI)	SRON
X	Lang Jürgen	ASE252			
X	Langenstein Rolf	AED15			
	Langfermann Michael	ASA41		Subcontractors:	
	Martin Olivier	ASA43		Austrian Aerospace	AAE
X	Maukisch Jan	ASA43		Austrian Aerospace	AAEM
X	Much Christoph	ASA43		BOC Edwards	BOCE
	Müller Jörg	ASA42		Dutch Space Solar Arrays	DSSA
X	Müller Martin	ASA43		EADS Astrium Sub-Subsyst. & Equipment	ASSE
	Pietroboni Karin	AED65		EADS CASA Espacio	CASA
	Platzer Wilhelm	AED2		EADS CASA Espacio	ECAS
	Reichle Konrad	ASA42		European Test Services	ETS
	Runge Axel	OTN/ASA44		Patria New Technologies Oy	PANT
	Sauer Maximilian Dr.	AED65		SENER Ingenieria SA	SEN
X	Schink Dietmar	AED32		Thales Alenia Space, Antwerp	TAS-ETCA