

Date:	07.03.08	Herschel	
Doc.-No.:	HP-2-ASED-MN-1507		
Meeting place:	ESTEC NL	Chairman:	D.Hendry
Date/Time:	07.03.08 / 16-00 hrs	Secretary	D.Hendry
Agenda dated:	PTR Standard Agenda	Close of Meeting:	07.03.08/17-00

Subject: PTR for SPIRE Reduced CFT

Participants:	B.Swinyard RAL S.Sidher RAL B.Collaudin TASF K.Goodey ESA M.Cesa ESA D.Hendry ASED A.Koppe ASED S.Hamer ASED	Additional Distribution:	ESA TAS-F
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Brief-Minutes (except following sheets)

Summary of Results of Sheets 2 till

Conclusion:

The SPIRE Reduced CFT on the nominal side was successfully performed. SVT can proceed following update of the procedure and outcome of the NRB to be held on Monday 10.03.08 with ESOC



Reference	Results	Remarks
	<p>PTR Agenda:</p> <ul style="list-style-type: none">0. Introduction1. Test Identification2. Review of Test Data / Reports3. Review of ACS / Procedure Variation Sheets4. NCR / RFD Review5. Open Work / Open Actions Identification6. AOB7. Conclusion	



Reference	Results	Remarks
	<p>0. Introduction</p> <p>The objective of this review is assess the results of the SPIRE Reduced CFT IAW ACS HP-2-ASED-SD-0270 and annex procedure HP-2-ASED-TP-0217 Issue 1 Draft The PTR will also cover the GSE test of the Launch latch ACS HP-2-ASED-SD-0278 and the LPU test HP-2-ASED-SD-0281</p> <p>Note, relevant TRR MoM: HP-2-ASED-MN-1504</p> <p>1. Test Identification</p> <p>Configuration changes wrt. TRR:</p> <p>Installed GSE for Launch latch test Will be de-integrated IAW the ACS</p> <p>2. Review of Test Data / Reports</p> <p>Cryo conditioning was confirmed above 10K OBA</p> <p>Problem with photometer PSWD15 is reversed has a negative slope this was one of the swapped lines NCR to be raised All other pixels as was PMWB6 is still open and is existing OW to swap the pins on the harness</p> <p>Spectrometer SSW JFET 1 and 2 failed to start using nominal procedures PVS was raised</p>	<p>Note RAL</p>



Reference	Results	Remarks
	<p>JFETs started during VSS test with a higher voltage, NCR to be raised. Due to this problem a modification to the SVT procedure is required. RAL will contact ESOC directly to inform them about this change.</p> <p>The IEGSE DB has been updated on line during the test and the test successfully performed. A further update may be necessary after off line analysis at RAL</p> <p>Bias temperature Soft limit was observed.</p> <p>ASED will provide the TC history and the Cryo scoe temperature Plots</p> <p>ASED will provide a advance copy of the as run procedure</p> <p>Launch Latch Test: This was successfully performed with the GSE and confirmed that the mechanism was still Latched</p> <p>LPU Test: The test was aborted before sending the first LCL Cmd due to wrong initial status LCL 25 WMI2B565=Off and parameter WMI07565 =0.508 amps LCL 26 WMAI2B565=Off and parameter WMAI07565 =0.881 amps NCR to be raised against the HPSDB and to be processed by TASF</p> <p>2.1.Test Report: RAL will provide a Test report follow off line analysis.</p> <p>ASED will also provide a test report with the as run annexed.</p>	<p>Note RAL</p> <p>Note ASED (SH)</p> <p>Note ASED (SH)</p> <p>Note ASED (AK)</p>



Reference	Results	Remarks
	<p>3. Review of ACS / PVS Procedure variations were raised see annex (will also be attached to the as run)</p> <p>4. NCR / RFW Status The following NCRs were validated within the test with OBSW version 2.2.H</p> <p>ASED-3327 Type 1.7 and 1,8 packets. Not seen during this test OBSW has been update NCR can be Closed</p> <p>3324 Cmd failures 1,8 in POF3 observations RMS debug, was fixed by OBSW update, NCR can be closed.</p> <p>3204 Booting from primary Partition Successfully performed during test, NCR can be closed</p> <p>3955 OOL IST Spire reported incorrect limits on SLIAP5V Was fixed by HPSDB and confirmed during test, NCR can be Closed</p> <p>3513 TC sequence errors Fixed by new OBSW and confirmed during the test , NCR can closed</p> <p>3 New NCR have to b e raised:- 1)PSWD15 is reversed has a negative slope this was one of the swapped lines NCR to be raised</p> <p>2) SSW JFET 1 and 2 failed to start using nominal procedures PVS was raised JFETs started during VSS test with a higher voltage, NCR to be raised. Due to this problem a modification to the SVT procedure is required. RAL will contact ESOC directly to inform them about this change.</p>	<p>Note ASED</p>



Reference	Results	Remarks
	<p>3) LPU Test: The test was aborted before sending the first LCL Cmd due to wrong initial status LCL 25 WMI2B565=Off and parameter WMI07565 =0.508 amps LCL 26 WMAI2B565=Off and parameter WMAI07565 =0.881 amps NCR to be raised against the HPSDB and to be processed by TASF</p> <p>5. Open Work / Open Actions</p> <p>5.1 Remove GSE and close ACS 5.2 GSE will be put in safe storage by ASED, this GSE must accompany the SC in future.</p> <p>6. AOB RAL request that Cryo temperature OBA is confirmed above 10K and monitored during SVT1. NRB for update of SVT procedure will be held on Monday 10.03.08 at 15-00 CET and to involve ESOC</p> <p>7. Conclusion The SPIRE Reduced CFT on the nominal side was successfully performed. SVT can proceed following update of the procedure and outcome of the NRB to be held on Monday 10.03.08 with ESOC</p>	



Action Items List

No.:	Description:	Due Date	Originator Comp./Pers.	Actionee Comp./Pers.	Source	Completion
AI/1						

Name	Dép./Comp.	Name	Dep./Comp.
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
Chen Bing	HE Space	Suess Rudi	OTN/ASA44
Edelhoff Dirk	AED2	Theunissen Martijn	DSSA
Fehringer Alexander	ASG13	X Vascotto Riccardo	HE Space
X Fricke Wolfgang Dr.	AED 65	Wagner Klaus	ASG23
Geiger Hermann	ASA42	X Wietbrock Walter	AET12
Grasl Andreas	OTN/ASA44	Wöhler Hans	ASG23
Grasshoff Brigitte	AET12	Wössner Ulrich	ASE252
X Hamer Simon	Terma	X Zumstein Armin	ASQ42
Hanka, Erhard	FI552		
Hendrikse Jeffrey	HE Space		
X Hendry David	Terma		
Hengstler Reinhold	ASA42		
Hinger Jürgen	ASG23		
X Hohn Rüdiger	AED65		
Hofmann Rolf	ASE252		
Hopfgarten Michael	AED32		
Huber Johann	ASA42		
Hund Walter	ASE252		
X Idler Siegmund	AED312		
Ivány von András	FAE12		
Jahn Gerd Dr.	ASG23		
Jolk Matthias	AET1	X ESA/ESTEC	ESA
Kalde Clemens	ASM2	X Thales Alenia Space Cannes	TAS-F
Klenke Uwe	ASG72	Thales Alenia Space Torino	TAS-I
X Koelle Markus	ASA43		
X Koppe Axel	AED312	Instruments:	
X Kroeker Jürgen	AED65	MPE (PACS)	MPE
X La Gioia Valentina	Terma	X RAL (SPIRE)	RAL
X Lang Jürgen	ASE252	SRON (HIFI)	SRON
X Langenstein Rolf	AED15		
X Langfermann Michael	ASA41		
Liberatore Danilo	Rhea	Subcontractors:	
Martin Olivier	ASA43	Austrian Aerospace	AAE
Maukisch Jan	ASA43	Austrian Aerospace	AAEM
X Much Christoph	ASA43	BOC Edwards	BOCE
X Müller Martin	ASA43	Dutch Space Solar Arrays	DSSA
Pietroboni Karin	AED65	EADS Astrium Sub-Subsyst. & Equipment	ASSE
Platzer Wilhelm	AED2	EADS CASA Espacio	CASA
Reichle Konrad	ASA42	EADS CASA Espacio	ECAS
Runge Axel	OTN/ASA44	European Test Services	ETS
Sauer Maximilian Dr.	AED65	Patria New Technologies Oy	PANT
Schink Dietmar	AED32	SENER Ingenieria SA	SEN
X Schmidt Thomas	AED15	Thales Alenia Space, Antwerp	TAS-ETCA