



Minutes of Meeting

Date: 24.09.07

Herschel

Doc.-No.: HP-2-ASED-MN-1407

Meeting place: FN

Chairman: B. Collaudin

Date/Time:

Secretary R. Stritter

Agenda dated: Agenda on pg. 2

Close of Meeting:

Subject: **CPM for SPIRE FM WFT**

Participants: A. Koppe, ASED *[Signature]*
 R. Stritter, ASED
 S. Hamer, ASED
 R. Vascotto, ASED *[Signature]*

 B. Collaudin, TAS-F by tel. *[Signature]*
 G. Doubrovik, TAS-F by tel.

 S. Sidher, SPIRE by tel. *[Signature]*
 E. Sawyer, SPIRE by tel.

Participants: C. Schamberg, ESA *[Signature]*

 Additional Distribution: ESA
 TAS-F

Page: 1 of Page(s)

Brief-Minutes (except following sheets)

Summary of Results of Sheets 2 till

Summary and Conclusion :

With this the CPM releases the SPIRE WFT.



Reference	Results	Remarks
	<p data-bbox="380 502 593 534">CPM Agenda :</p> <ol data-bbox="470 574 1153 829" style="list-style-type: none"><li data-bbox="470 574 1153 614">1.Changed Configuration status (H/W or S/W)<li data-bbox="470 630 1019 670">2. Open Work / Open Actions Status<li data-bbox="470 686 683 726">3. NCR Status<li data-bbox="470 742 582 782">4. AOB<li data-bbox="470 798 683 837">5. Conclusion	



Reference	Results	Remarks
	<p>Introduction:</p> <p>The CPM covers the changes introduced since SPIRE WFT TRR HP-2-ASED-MN-1405, as recorded in the corresponding NCRs / OW / open actions.</p> <p>1. Changed Configuration Status (H/W or S/W)</p> <p><u>Changed PLM H/W configuration :</u></p> <p>Ref. PLM ISL HP-2-ASED-LI-0032 was updated - PTC flight harness is connected according to SPIRE PR received by mail, SPIRE to provide PR by an official mail to the Herschel Project. With this the real flight configuration is provided for the WFT. No NCR will be raised as mentioned in the TRR.</p> <p>HP SDB Iss. 15 was provided by TAS-F, version for WFT to be noted down in the as-run, from SPIRE pov. there is no problem to use iss. 15.</p> <p>2. Open Work / Open Actions</p> <p>We remind here the points to be checked:</p> <p>As scripts were modified on the spot, new formal release of the SPIRE WFT scripts are needed. (hopefully with automatic cus to tcl translation to close NC 3608) : Scripts provided by SPIRE, release note to be provided by SPIRE. <i>(SDS: Release note delivered on 24/9/2007)</i></p> <p>As a backup, Standalone WFT scripts (not compiling TC parameters from IEGSE) will be generated by SPIRE (as for SFT) in case the CCS</p>	<p>AI SPIRE [1]</p> <p>AI SPIRE [2]</p>



Reference	Results	Remarks
	<p>handler is still not working. It is confirmed that SPIRE will receive the telemetry : SPIRE will have these standalone scripts available for the WFT. It is expected not to need them.</p> <p>SPIRE PTC harness shall be integrated (ie existing checked or new procedure must be available) : done, see above.</p> <p>SPIRE IEGSE set up needs to be corrected & tested (today) + IEGSE set-up procedure shall be updated : input provided by SPIRE (A. Dowell), test successfully performed by ASED. Set-up PR to be updated by SPIRE.</p> <p>A DPU power-on test using the WFT script shall be performed (before monday 24/9 afternoon) : Prime and redundant check performed, minor problem on nominal side, NCR to be raised by ASED. Feedback from CCS is not correct. Command sequence was correctly executed.</p> <p><u>Status of OW / Actions after SPIRE WFT TRR :</u></p> <p>Check of SPIRE MIB on IEGSE to be noted in the as-run: - IEGSE MIB version: SPIRE_MIB_FM_2.2G6_PR acc. TRR - confirmed</p> <p>Request from SPIRE : Switch on SPIRE DPU nom and red., an ACS will be raised for this procedure variation: - ACS ASED-SD-0183 was raised, test done, see above.</p> <p>Update of the TP according to para 5. below - closed by ASED-TP-0167, Iss. 1</p> <p>W.r.t. ESD constraints the open connectors of the BoB shall be protected by ESD foil : - obsolete due to new test configuration.</p>	<p>AI SPIRE [3]</p> <p>OW</p>



Reference	Results	Remarks
	<p>DCU 02 frames to be checked during WFT : - to be performed during the WFT</p> <p>Problem observed when switching on the DPU – NCR will be raised (tbc - missing 5,1 event packets from boot S/W) : - checked by ASED, found to be an operator error, no NCR to be raised.</p> <p>3. NCR/RFW status:-</p> <p>NC-3276 - this NCR is not blocking but could led to significant longer test time. – no change</p> <p>ASED-NC-3607 SPIRE WFT - Connection lost when trying to send commands to SPIRE IEGSE - Can be closed by mail from SPIRE (AD) <i>Information in release note</i></p> <p>ASED-NC-3608 SPIRE WFT-Test Scripts reference wrong IEGSE name - " " " Can be closed by SPIRE input with corrected</p> <p>ASED-NC-3609 SPIRE WFT - Unknown SPIRE Command Acceptance & Completion Status - NRB Wednesday</p> <p>IEGSE set-up PR will be updated to iss. 2.1</p> <p>4. AOB</p> <p>New Planning/schedule: Test is planned 07-00 to 23-00 Wednesday 26.09.07 (Sat switch-on starts at 06-00) Contingency : implemented above</p> <p>PTR : CW 39</p>	



Reference	Results	Remarks
	<p>TAS-F Test Director will be G. Doubrovik, from SPIRE P. Hampton will be available.</p> <p>12. Conclusion</p> <p>With this the CPM releases the SPIRE WFT.</p>	

	Name	Dep./Comp.		Name	Dep./Comp.
	Alberti von Mathias Dr.	ASG23	X	Schmidt Thomas	AED15
	Baldock Richard	FAE12		Schuler Günter	ASA42
X	Barlage Bernhard	AED13		Schweickert Gunn	ASG23
X	Bayer Thomas	ASA42		Sonn Nico	ASG51
	Brune Holger	ASA45		Steininger Eric	AED32
	Edelhoff Dirk	AED2	X	Strittler Rene	AED11
	Fehringer Alexander	ASG13		Suess Rudi	OTN/ASA44
X	Fricke Wolfgang Dr.	AED 65		Theunissen Martijn	DSSA
	Geiger Hermann	ASA42	X	Vascotto Riccardo	AED11
	Grasl Andreas	OTN/ASA44		Wagner Klaus	ASG23
	Grasshoff Brigitte	AET12	X	Wietbrock Walter	AET12
X	Hamer Simon	Terma		Wöhler Hans	ASG23
	Hendrikse Jeffrey	HE Space		Wössner Ulrich	ASE252
X	Hendry David	Terma	X	Zumstein Armin	ASQ42
	Hengstler Reinhold	ASA42			
	Hinger Jürgen	ASG23			
X	Hohn Rüdiger	AED65			
	Hözl Edgar Dr.	AED32			
X	Hopfgarten Michael	AED32			
	Huber Johann	ASA42			
	Hund Walter	ASE252			
X	Idler Siegmund	AED312			
	Ivány von András	FAE12			
X	Jahn Gerd Dr.	ASG23			
	Kalde Clemens	ASM2			
	Kameter Rudolf	OTN/ASA42	X	ESA/ESTEC	ESA
X	Kettner Bernhard	AET42	X	Thales Alenia Space Cannes	TAS-F
	Knoblauch August	AET32		Thales Alenia Space Torino	TAS-I
X	Koelle Markus	ASA43			
X	Koppe Axel	AED312		Instruments:	
X	Kroeker Jürgen	AED65		MPE (PACS)	MPE
	La Gioia Valentina	Terma	X	RAL (SPIRE)	RAL
	Lang Jürgen	ASE252		SRON (HIFI)	SRON
X	Langenstein Rolf	AED15			
X	Langfermann Michael	ASA41			
	Martin Olivier	ASA43		Subcontractors:	
	Maukisch Jan	ASA43		Austrian Aerospace	AAE
	Much Christoph	ASA43		Austrian Aerospace	AAEM
	Müller Jörg	ASA42		BOC Edwards	BOCE
X	Müller Martin	ASA43		Dutch Space Solar Arrays	DSSA
	Peltz Heinz-Willi	ASG13		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
	Schink Dietmar	AED32		Thales Alenia Space, Antwerp	TAS-ETCA