



Minutes of Meeting

Date: 28.09.07

Herschel

Doc.-No.: HP-2-ASED-MN-1410

Meeting place: ASED-FN

Chairman: B. Collaudin

Date/Time:

Secretary R. Stritter

Agenda dated: PTR Standard Agenda

Close of Meeting:

Subject: PTR for SPIRE WFT

 Participants: A. Koppe, ASED
 S. Idler, ASED
 R. Stritter, ASED
 S. Hamer, ASED

 Additional Distribution: ESA
 TAS-F
 SPIRE

 B. Collaudin, TAS-F
 S. Sidher, SPIRE by tel.

 K. Goodey, ESA
 C. Scharmberg, ESA

Page: 1 of Page(s)

 Brief-Minutes (except following sheets)

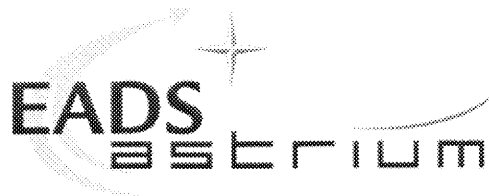
 Summary of Results of Sheets 2 till

Conclusion:

SPIRE WFT has been successfully performed apart from SMEC and LPU tests which will be performed later as agreed in the TRR.



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 PTR is to conclude the SPIRE WFT performed iaw. the ASED-TP-0167 Iss. 1.</p> <p>1. Test Identification</p> <p>SPIRE completely integrated in accordance with the ISLs HP-2-ASED-LI-0032 and -0033. SPIRE LPU was not integrated.</p> <p><u>Configuration changes wrt. TRR and CPM :</u></p> <p>H/W : none</p> <p>S/W : none</p> <p>HPSDB : none</p> <p>2. Review of Test Data / Reports</p> <p>Filled as-run PR available, all test data is complete and stored in record file :</p> <p>2007-09-26-04-28-hercdmu-hpws23-REALTIME-SPIR-WFT.</p> <p>ASED will provide a TR which contains the filled as-run TP.</p>	



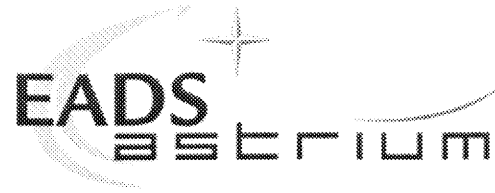
Reference	Results	Remarks						
	<p><u>SPIRE feedback</u> : test was successful, very positive results, no anomalies identified so far apart from NCR listed in section 4 below.</p> <p>SPIRE will issue a dedicated report about their test data evaluation.</p> <p>WFT procedure needs to be updated as identified in the as-run PR.</p> <p>3. Review of ACS / PVS</p> <p>Several steps have been skipped (spectrometer mechanism and LPU) as agreed by all parties at the TRR. A PVS will identify all skipped steps in the TP.</p> <p>No ACS was raised.</p> <p>4. NCR / RFW Status</p> <p><u>Status during CPM :</u></p> <table border="0"> <tr> <td>ASED-NC-3607</td> <td>SPIRE WFT - Connection lost when trying to send commands to SPIRE IEGSE</td> </tr> <tr> <td>ASED-NC-3608</td> <td>SPIRE WFT-Test Scripts reference wrong IEGSE name</td> </tr> <tr> <td>ASED-NC-3609</td> <td>SPIRE WFT - Unknown SPIRE Command Acceptance & Completion Status</td> </tr> </table> <p>Completion of WFT confirmed that all a.m. NCR have been fixed either by the script (3608) or IEGSE (3607, 3609) update. NCR to be updated and close.</p> <p>NC-3276 – burst data - receiving of all packets could be confirmed only the order was not in the expected sequence, SPIRE investigations are ongoing. No problem for QLA for WFT.</p>	ASED-NC-3607	SPIRE WFT - Connection lost when trying to send commands to SPIRE IEGSE	ASED-NC-3608	SPIRE WFT-Test Scripts reference wrong IEGSE name	ASED-NC-3609	SPIRE WFT - Unknown SPIRE Command Acceptance & Completion Status	
ASED-NC-3607	SPIRE WFT - Connection lost when trying to send commands to SPIRE IEGSE							
ASED-NC-3608	SPIRE WFT-Test Scripts reference wrong IEGSE name							
ASED-NC-3609	SPIRE WFT - Unknown SPIRE Command Acceptance & Completion Status							



Reference	Results	Remarks
	<p>NCR needs to be updated accordingly.</p> <p>NC-3616 : observed also in a number of other SPIRE commands during WFT. NCR to be updated. SPIRE investigations are ongoing. No problem for the WFT.</p> <p><u>New NCR raised during WFT :</u></p> <p>ASED-NC-3631 : Command Execution failures when executing -DRCU-Start-P/R-STEP2.</p> <p>Test script to be updated by SPIRE latest for SFT, NCR to be updated accordingly.</p> <p>ASED-NC-3633 : Unknown type 21,4 packet reported by CCS.</p> <p>HPsDB problem, dump file retrieval will be performed by ASED for a more detailed investigation by SPIRE.</p> <p>FCU current slightly out of limits, SPIRE will re-adjust these limits, no NCR will be raised.</p> <p>5. Open Work / Open Actions</p> <p><u>Open work / Open action Status remaining from TRR and CPM :</u></p> <p>DCU 02 frames to be checked during WFT : not possible anymore on CCS due to SCOS modification (science data only in archive), SPIRE checked in their IEGSE QLA.</p>	



Reference	Results	Remarks
	<p><u>SPIRE to provide PTC harness integration PR by an official mail to the Herschel Project ; SPIRE will provide this officially.</u></p> <p><u>Relase note for updated scripts to be provided by SPIRE ; Provided by SPIRE, refer to Annex 1.</u></p> <p><u>IEGSE set-up PR to be updated by SPIRE ;</u></p> <p>SPIRE I-EGSE Set-up Procedure SPIRE-RAL-DOC-002841 Iss 2.1 received and used during the WFT, signed version will be provided by SPIRE.</p> <p>LPU and spectrometer tests have to be performed later on. Scheduling has to be clarified. ESA will clarify this with SPIRE.</p> <p>6. AOB</p> <p>A MIP for the final SPIRE SVM panel closure after LPU integration and functional verification will be performed; ASED will notify all parties at least 1 day in advance.</p> <p>7. Conclusion</p> <p>SPIRE WFT has been successfully performed apart from SMEC and LPU tests which will be performed later as agreed in the TRR.</p>	<p>Annex 1.</p>



Action Items List

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

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
Bayer Thomas	ASA42	X	Sonn Nico	ASG51
Brune Hoiger	ASA45		Steininger Eric	AED32
Edelhoff Dirk	AED2	X	Stritter 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
Grasi 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			
Hölzle 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
Koelle Markus	ASA43			
X Koppe Axel	AED312		Instruments:	
X Kroecker Jürgen	AED65		MPE (PACS)	MPE
La Gioia Valentina	Terma	X	RAL (SPIRE)	RAL
Lang Jürgen	ASE252		SRON (HIFI)	SRON
X Langenstein Rolf	AED15			
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
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
X Schink Dietmar	AED32		Thales Alenia Space, Antwerp	TAS-ETCA