		REF.: H-P-TASF-MN-9884			
		DATE : 03/12/07	PAGE : 1/6		
MINUTES OF MEETING		PLACE : ASED-FN			
PURPOSE : Instruments testing at S/C level		CLASSIFICATION :			
ATTENDEES	FIRM	SIGNATURE	ATTENDEES	FIRM	SIGNATURE
C.Scharmberg	ESA		G.Pilbratt	ESA	
O.Bauer	PACS		G.Crone	ESA	
H.Feuchtgruber	PACS		C.Jewell	ESA	
P.Roelfsema	HIFI		F.Pedersen	ESA	
P.Dieleman	HIFI		R.Hohn	ASED	
E.Sawyer	SPIRE		M.Langferman	ASED	
D.Montet	TAS-F		N.Sonn	ASED	
B.Collaudin	TAS-F		D.Schink	ASED	
A.Koppe (Part)	ASED		M.Priesley	TAS-F	
			S.Mooney	TASF	
WRITTEN BY: B.Collaudin					
CONCLUSION :					
DISTRIBUTION : ATTENDEES	FOR FURTHER ACTION :		ESA: L.Di Napoli, T.Passvogel TASF: Y.Roche, J.M.Reix ASED:		
	FOR INFORMATION :				
APPROVED BY					
NAME					
SIGNATURE					

CONTINUED :	ACTION
<p>1. AGENDA: Ref mail from C.Scharmberg: - Introduction and Objectives of the meeting (ESA + TASF) - Herschel S/C Acceptance campaign flow (TASF) - Project Team Organisation (TASF) - Instrument Test Matrix (TASF) - Instrument Test Constraints from S/C (TASF) - Current S/C Test Flow (TASF) - Status of Instrument verification at S/C level (TASF) - Discussion and Agreement (All)</p>	
<p>2. - INTRODUCTION AND OBJECTIVES OF THE MEETING (ESA + TASF) 3. - HERSCHEL S/C ACCEPTANCE CAMPAIGN FLOW (TASF) 4. - PROJECT TEAM ORGANISATION (TASF) all 3 topics: See annex 1. Presentation from Thales. Questions: Instruments test during launch campaign = AFT (including instruments SFT) in He I is the baseline. Not possible to tilt the S/C on the launcher. Mechanical test in He I SVT1 before SPT1 because it is in He I. Transport warm means SFT warm first thing in Estec.</p>	
<p>5. INSTRUMENT TEST MATRIX (TASF) See annex. Test duration are instrument test execution & interpretation. Not including S/C or cryostat configuration.</p>	
<p>6. CURRENT S/C TEST FLOW (TASF) Questions: Integration of LOU & HIFI SFT 2 (LOU SFT): 10 to 12/12/07 + Alignment on 13/12 TBC (SFT included ?) SPIRE harness correction. Before or after moving ? PACS Module 20 anomaly investigation</p>	<p>AI 1 TASF to clarify.</p>

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CONTINUED :	ACTION
<p>Check point for PACS 5/12 Activity planed when ? SFT warm after S/C transportation & set up in Estec: Yes Confirmed. Transportation & set up of IEGSE. Disconnection of S/C is week 50. Instrument IEGSE pack- Week 51 Transport ahead of the S/C. Unpack & set up: Week 1 in Estec The location if IEGSE room will be distributed end of this week.</p> <p>Schedule: Now Instruments project managers are in the weekly distribution list of the Herschel near term schedule.</p> <p>NRB and scheduled tasks. NRB make recommendation to implement correction activities. The date/time of the activity has to be confirmed by AIT.</p> <p>Organisation: 3 shifts activities: Instrument will need to adjust to the new situation (for IST, as TV was already in 3 shifts).</p> <p>Instruments input are available. The complete test plan combining instruments test + satellite test + cryostat & SVM set up is not existing.</p>	<p>AI 2. TASF</p>
<p>Test Specification. Instruments teams agree with the content of the test specification 1083. Released of the signed version after review of comments in the instruments system meeting this week</p>	
<p>TV test: Some clarification wrt TV test is needed: Clarification meeting. For instance the temperature stability, and the orientation of the S/C for cooler recycling & testing.</p>	<p>AI3 TASF.</p>
<p>7. INSTRUMENTS VERIFICATION</p>	

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See synthesis of SFT in annex 1.	
<p>8. AOB: Difference of conditions between ASED-FN & ESTEC. Same AIT & PA team in FN & Estec.*</p>	
<p>Why transporting the S/C warm to Estec Mainly Schedule reasons: Save cooling to He II & back to He I for transport</p>	
<p>SVT – SOVT Set up of instrument will be similar to RMS Instruments will be present both in Estec & ESOC (if data are received on both places).</p>	
<p>Delivery of procedures, scripts. Thales collects the latest issues of instrument test documentation (test procedures, scripts, reports), and make it available on the instruments ftp (ftp.hp-instruments.as-b2b.com). This documentation will be transmitted to ASED according to agreed rules.</p>	
<p>PACS contamination and bake-out. Nothing has changed on the cryostat baking condition. It was clarified (on the baking procedures 23/5/07) before the PACS problem) that the maximum temperature that will be reached on the Instruments FPU will be <60°C. Investigation is on-going on the PACS mirror contamination. If there is a reason to change something from the PACS contamination investigation, instruments will be involved in the decision.</p>	
End of Meeting	

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PLACE :

ACTIONS					DATE
Origin	N°	Status	Description	Responsible	Due
	1	Open / Close			
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	3				
	4				
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	6				
	7				
	8				

 <p>ThalesAlenia A Thales / Finmeccanica Company <i>Space</i></p>		REF.:	
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Annexes