

COMPTE RENDU DE REUNION / MINUTES OF MEETING

LIEU / PLACE: Alcatel

OBJET / PURPOSE:

CLASSIFICATION:

instruments interfaces Management Meeting.
QPM 16 splunde

PARTICIPANTS ATTENDEES	SOCIETE FIRM	SIGNATURE SIGNATURE	PARTICIPANTS ATTENDEES	SOCIETE FIRM	SIGNATURE SIGNATURE
Alcatel . BC, GL, GD, JAC			HFI: J.C		
Astrum E.H, DS, HF			LFI . CB		
Alenia M.C					
ESA GC, AH, CS, J.MC, GP					
SPIRE: M.R. ES					
DACS: OAB					
HFI: Th DG, KW					
REDACTEUR / WRITTEN BY:					

CONCLUSION:

DISTRIBUTION :
PARTICIPANTS /
ATTENDEES

POUR ACTION :
FOR FURTHER ACTION

POUR INFORMATION :
FOR INFORMATION

APPROUVE PAR / APPROVED BY

NOM / NAME	Collaudin			
SIGNATURE / SIGNATURE				

SUITE / CONTINUED:

ACTION

- CR process. (see annex 1)
- shall be described properly in interface management document -
- Time scale for CR's processing: 15 days is the "formal" time scale to reply. but this is not practical when CR's has to go to several layers
- Astrum inform that they are in fixed price contract (i.e. all changes will need financial coverage)
- implement CR's on ffp

→ AI 1
31/07

- IID B's
SPIRE

- caveat for thermal interfaces (level 0) will be proposed by Alcatel.

- this will allow to sign IIBB -

- also caveat on internal overshield.



- this has to be solved (harness on hold)

Thys advise to spend time on solving the problem, rather than on the caveat.


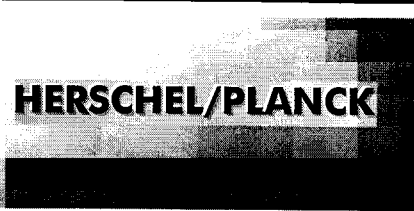
→ AI 2
Alcatel

- PACS

- harness verified

- PACS harness document 3.2. available this week → AI 3

- warmup drawings

		REF. : H-P-ASP-MN-	
		DATE :	PAGE : 3/
COMpte RENDU DE REUNION / MINUTES OF MEETING		LIEU / PLACE :	

SUITE / CONTINUED :

- the PACS IWB will be closed with the document received before 24/7/03.
- HFI - also closed with data received next week.
- HIFI → not before September
- SCS - ICD.
- LFI : No changes

ACTION

Comments : HFI : update through Doors does not include detailed changes in tables.

Demand HIFI

- Comments on IIDA : to be sent to Alcatel (B. Collaudin), copy ESA (G. crone) copy Astrium (H. Faas)
- Waivers : sent to ESA (P. Olivier.) G. crone) copy Alcatel (Ch. Masse, B. Collaudin)

SUITE / CONTINUED :

ACTION

- instruments ask to be informed about satellite milestones : which should be discussed in interface meetings.

- update of delivery dates for IID's

PACS }
SPIRE } End July close issues
HFI } signed by ~~early~~ Sept
Mid.

SCS }
HIFI } mid ~~end~~ September to close
issues.
IIDA } signed by end September
LFI }

Herschel & Planck to establish meeting (interface & AIU)
list up to End 2003.

→ AJ L
Alcatel
JPC
G.D.
G.L.
SJ



ACTION ITEM LIST

REF.: *H-P-ASP-MN 3620*

MEETING TITLE:

DATE :

HERSCHEL/PLANCK

PAGE :

INITIATOR Firm / person	ACTION			DATE
	N°	DESCRIPTION	ACTIONEE Firm / person	DUE
	1	<i>Alcatel to include . update of the CR process in instrument Management document HP-ASP-RP-0122</i>	<i>Alcatel-Gaucher</i>	<i>31/7/03</i>
	2	<i>Alcatel will propose caveat. to SPIRE for requirement thermal requirement on Evaporator stage</i>	<i>Alcatel Doubravik</i>	<i>31/7</i>
	3	<i>PACS will make the harness definition document. version 32 available</i>	<i>PACS</i>	<i>31/7</i>
	4	<i>Alcatel will propose instrument interface Meeting up to end 03</i>	<i>Alcatel</i>	<i>31/8</i>

Content

- ▼ Industry Instrument interface team updates
- ▼ IID's and CR's
 - Update process
 - update schedule
- ▼ IF meetings
- ▼ Communication

▼ ESA:

→ Carsten Scharmberg for HIFI & SPIRE as replacement of J.Bruston

▼ Alcatel:

→ G.Doubrovik replaces G.Lund for Herschel Instruments

→ However, G.Lund gives support for some time (PACS IID-B & interfaces)

▼ Astrium

→ No changes

▼ Alenia

→ Marco Cesa is now subcontractor, and located outside Alenia.

▼ Update process

→ As agreed at PDR:

- ✓ Changes expected to have schedule/cost impact via Change request
- ✓ Changes without impact, or typo's..; via red lined copy

→ Changes to be discussed/agreed at IF meetings or dedicated teleconferences

→ Change request sent formally to ESA/Alcatel

→ Alcatel emits cover CR's to Alenia /Astrium if Change affects SVM of HPLM

▼ Status at QPM

→ CR process still much too long

→ feedback from Astrium/Alenia (CCB's) not always relevant: most of the time needs iterations

→ Feedback to Instrument ESA very poor (CCB's)

▼ Use of CR formalism

- HIFI: OK, but too many CR's, and no discussion before emission.
- SPIRE: OK. Description of the change not always clear (JD)
- PACS: Many expected CR's. A lot of new & informal drawings
- HFI: Many CR's issued by Alcatel. Dangerous
- LFI: very few changes

▼ Proposition to improve

- Emission rate of CR's should decrease
- Discussion before emission of CR should be improved
- Alcatel to improve speed to relay CR's to Astrium/Alenia
- Astrium/Alenia to improve speed of reply (Respect the date of validity (15 days)).
- Feedback in parallel by fax and E.mail
- First rapid evaluation ROM estimation of the impact
- Proposition to use ftp site for on line feedback to ESA/instrument

- ▼ IID-B PACS: 3.0 Draft 3 on ftp server
 - iteration with Instruments (HP-ASPI-MN-3351 - PACS IIDB Convergence Mtg 4/7/03)
 - Passed Alcatel CCB n°24 (H-P-ASP-MN-3346 7/7/03)
 - Major Open points:
 - ✓ Level 0 requirements & definition
 - ✓ Cryoharness: PACS cryoharness document 3.1 to be updated. Currently we have 3.1 + CR's + agreements in meetings.

- ▼ IID-B SPIRE: 2.3 draft 4 on ftp server
 - Several iteration with instruments (draft 1 & 2)
 - Passed Alcatel CCB n° 25 (H-P-ASP-MN- 3376 11/7)
 - Major Open Point:
 - ✓ Level 0 (not yet agreement on IF temperature)
 - ✓ Cryoharness: Implementation does not includes overshield in SPIRE document 1.1

- ▼ IID-B HFI: 3.0 draft 2 (mailed to HFI & Back)
 - Iteration with Instrument
 - Passed Alcatel CCB n° 26 (H-P-ASP-MN- 3377)
 - Major Open Points
 - ✓ 5.7.3: 4K Cooler temperature reduction not accepted (not modified. Need justification)
 - ✓ 5.7.4 JFET temperature 40K
 - ✓ 5.14: Bonding of the cooler pipes

- ▼ IID-B HIFI: 2.3 draft 1 on ftp server
 - Comments received from HIFI

- ▼ IID-B SCS ICD:
 - Draft prepared at Alcatel (7/7) (Little changes)
 - To be sent for comments

- ▼ IID-B LFI: too Little input from LFI/Laben (CR's, drawings, ...) to be able to update it

- ▼ IID-A:
 - All on ftp server except
 - ✓ section 5 & 7
 - ✓ annex 5 (SVM ICD) & annex 7 (PPLM ICD)
 - Little comments (Only HFI)

- ▼ IID-B's complete
 - Approval on current available draft. (updated by CCB)
 - OK--> Edition of version for signature

- ▼ Un-complete IID's (HIFI, IID-A) to be completed by End summer

- ▼ LFI : to be agreed with instrument / Laben when update is feasible

			PM 14		PM16	
		issue	draft	Final	draft	Final
Planck	HFI	3.0		30-mai-03	OK	31-juil-03
	SCS	3.0	30-mai-03	30-juin-03	OK	31-juil-03
	LFI	3.0	target after LFI IBDR (mid may)			no data
Herschel	SPIRE	3.0	30-avr-03	30-juin-03	OK	31-juil-03
	HIFI	3.0	16-mai-03	31-juil-03	OK	31-juil-03
	PACS	3.0	16-juin-03	31-juil-03	OK	31-juil-03
IID-A		3.1	30-mai-03	rev. by inst	(not fully complete)	31-juil-03

- ▼ IF meeting schedule to be established for Herschel Planck
 - no meetings in the last 6 months for Planck
 - Evaluate the possibility to have more frequent tele or videoconferences

- ▼ IF meetings should be the place where main interface aspects are discussed
 - CR's, schedule,

- ▼ Links between IF meetings and Working groups (EMC, Data, Cryo, ...), and AIV meetings should be improved.

- ▼ Technical meetings or teleconf should be initiated whenever necessary

- ▼ Complains about the instrument interfaces should be discussed & solved within the team, rather than with ESA
- ▼ difficult to get feedback on our demands (harnesses, pointing,)
- ▼ ftp site set up for data exchanges
 - comments
 - useful ?
 - What should be the content ?
 - How to improve ?