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<b>COMPTE RENDU DE REUNION / MINUTES OF MEETING</b>				LIEU / PLACE : <i>Torino</i>	
OBJET / PURPOSE :			CLASSIFICATION :		
HERSCHEL : preparation of AVM WU configuration with FM SVM					
PARTICIPANTS <i>ATTENDEES</i>	SOCIETE <i>FIRM</i>	SIGNATURE <i>SIGNATURE</i>	PARTICIPANTS <i>ATTENDEES</i>	SOCIETE <i>FIRM</i>	SIGNATURE <i>SIGNATURE</i>
L DI NAPOLI	ESA		D MONTET	AAS-F	
F PEDERSEN	ESA		S PITAVAL	AAS-F	
P MUSI	AAS-I				
S SFERLAZZA	AAS-I				
B GOBILLOT (*)	AAS-F				
REDACTEUR / WRITTEN (*) BY :					
<p>CONCLUSION :</p> <p>Building a configuration with AVM WU and FM SVM is considered as technically feasible. This configuration is considered by AAS-F and ESA as an advantage for the whole project ( H and P ).</p> <p>AAS-I is authorized to dismount the Herschel AVM WU configuration.</p> <p>PI have to be informed. Action : AAS-F.</p>					
<u>DISTRIBUTION</u> : PARTICIPANTS /  <i>ATTENDEES</i>	POUR ACTION : <i>FOR FURTHER ACTION</i>		See MoM		
	POUR INFORMATION : <i>FOR INFORMATION</i>		ASED : M KÖLLE, M MUELLER, S IDLER, R HOHN, R STRITTER, W FRICKE AAS-I : D ODDENINO, M SIAS, GL FAVA, A CECCHETTI, G GIULIANELLI, M. CESA AAS-F : B COLLAUDIN, G DOUBROVIK, P COUZIN, Y ROCHE, JM REIX, A KNIGHT, T GRASSIN, B MASSON ESA : N NIKOLAIZIG, G CRONE, S THUREY, U GAGEUR, T PASSVOGEL		
APPROUVE PAR / APPROVED BY					
NOM / NAME					
SIGNATURE / SIGNATURE					

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**Introduction :**

The objective of this meeting ~~was~~ :

The objective is to give the best setup to optimize the IST preparation and to optimize the overall program.

This configuration is intended to be used for the Herschel IST satellite debugging, with the AVM WU merged to the FM SVM, instead of using the limited AVM SVM configuration. This configuration would be set up in Friedrichshafen.

**Situation of the AVM panels today with the AVM ~~WU~~ FM in Torino**

For all AVM WU, from an electrical point of view, there is only the nominal electrical line ( no redondant part ).

HIFI1 and HIFI2 AVM panels :

Only the ICU installed on one of the AVM panels. The ICU is form and fit.

SPIRE AVM panel :

CCU EQM installed.

SPIRE DPU installed. Form and fit.

SAS FM spare installed ( this unit will stay in AAS-I premises ).

PACS AVM panel :

DPU and SPU installed. Form and fit.

DECMEC and BOLC installed but not fully form and fit.

With external EGSE power supply for BOLC.

Photos of the setup are available on CD. Will be made available to ASED also via FTP server.

**The configuration with AVM WU and FM SVM could be :**

For HIFI :

Use the FM panel, and install the HIFI AVM ICU.

Use of FM panel MGSE trolley.

Use of FM harness between interconnecting brackets and inputs of the ICU.

For SPIRE :

Use the FM panel, and install the SPIRE AVM DPU.

Use of FM panel MGSE trolley.

Use of FM harness between interconnecting brackets and inputs of the AVM DPU.

Will allow to integrate the FM CCU immediatly at FM SVM delivery.

Note : the FM SAS and SREM are already integrated on the FM panel.

For PACS :

The use of FM panel is not evident due to partially representative units from mechanical aspects.

The use of AVM panel could be the best solution, with the need in this case :

- to support the AVM panel and put it at the height of FM SVM interface.

AAS-I is able to provide a MGSE interface frame and stand to support AVM panel. Action : AAS-F to decide to send this MGSE.

The use of FM panel could be possible, with the need in this case :

- To accomodate the unit mechanical interface to the FM panel.

The choice of the configuration has to be iterated between AAS-F and ASED, due date : end of SVM handover. action : AAS-F.

**For electrical aspects of the integration of the AVM units with FM SVM**

September 2006 integration :

The electrical integration has been completed on AVM configuration in Torino.

Procedure AAS-I available, test report available. Action AAS-I : to provide the documents.


The electrical ICD has to be compatible between FM SVM harness and the units. Action AAS-I and AAS-F : to confirm.

The forcoming electrical integration must be completely performed.

Action AAS-I : to provide savers for all connectors at the level of FM SVM harness interconnection with the AVM harness or inputs of AVM units.

**For mechanical aspects of the integration of the AVM units with FM SVM**

MGSE panel trolleys are part of the AAS-I nominal delivery for the FM panels.

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Concerning the handling of PACS AVM panel. After the decision between FM and AVM panel, AAS-F will ask if necessary AAS-I to deliver the adequate MGSE.

**Concerning the delivery to FN :**

AAS-I confirms that packaging is available for AVM units and *has to be defined for* AVM panels.

The units will be delivered dismantled from the AVM panels and will need to be re-integrated. See detailed configurations above.

The harness will remain installed on the AVM panels.

*HPSDB : AAS-F / AAS-I to define steps to import AVM WU's data into FM DB.*

**Preparation of the operation to be done in FN**

Mechanical and electrical integration could last 3 days with the experience of the integration done in Sept 2006 ( without functional check of the units) .

Integration operations :

The position of AAS-F and ESA is that the integration work should be done by ASED as a training for the FM WU integration, with PI and AAS-I supports. This will be iterated with ASED, considering ASED planning building. The alternative is to let AAS-I do the work.


**Conclusion**

Building a configuration with AVM WU and FM SVM is considered as technically feasible.

This configuration is considered by AAS-F and ESA as an advantage for the whole project ( H and P ).

AAS-I is authorized to dismount the Herschel AVM WU configuration *and to organize shipment ( details shall be provided by AAS-I )*

*I-EGSE : AAS-I authorized to disconnect Herschel I-EGSE from AVM CCS*

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*and ship it to FN with AVM WU's.*

PI have to be informed. Action : AAS-F.

(end of the MoM )

**ACTION ITEM LIST**

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LIEU / PLACE : CANNES

Origine	ACTION			DATE
	N°	Description	Responsable / <i>Responsible</i>	Echéance / <i>Due</i>
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	3			
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