


**COMPTE RENDU DE REUNION / MINUTES OF MEETING**

 LIEU / PLACE : **TURIN**

OBJET / PURPOSE :

CLASSIFICATION :

**SPIRE DPU AVM I&T UFT PTR  
 On Herschel AVM**

PARTICIPANTS ATTENDEES	SOCIETE FIRM	SIGNATURE SIGNATURE	PARTICIPANTS ATTENDEES	SOCIETE FIRM	SIGNATURE SIGNATURE
King K.	R.A.L.				
Giulianelli G.	AAS-I				
Cesa M.	AAS-I				
Wechsler F.	ESA				
Pitaval S.	AAS-F				
REDACTEUR / WRITTEN BY: Pitaval S.					

CONCLUSION :

The PTR is declared successful.

<b>DISTRIBUTION :</b> PARTICIPANTS / ATTENDEES	<b>POUR ACTION :</b> FOR FURTHER ACTION
	<b>POUR INFORMATION :</b> FOR INFORMATION S. Sferlazza – R.Droetto – E. Ciancetta – M. Sias – P. Musi O. Fratacci – B. Collaudin – G. Doubrovik – P. Couzin – P. Rideau – JJ. Juillet L. Di Napoli – S. Thuerey

APPROUVE PAR / APPROVED BY

NOM / NAME				
SIGNATURE / SIGNATURE				

**COMPTE RENDU DE REUNION / MINUTES OF MEETING**LIEU / PLACE : *TURIN*

SUITE / CONTINUED :

ACTI ON

This PTR MoM refers to the SPIRE DPU I&T and UFT activities which were performed on Herschel AVM in Turin on 26 of October 2005. The following agenda will be followed :

**Agenda :**

1. TRR action review
2. Test completion and results
3. Potential Configuration changes during the tests
4. Presentation of the compliance status and the deviation status : NCR
5. Open works
6. TRB Conclusion

**1. TRR action review**

No action raised during the TRR.

**2. Test completion and results**

These activities were performed following the Work Item added in annex.

The steps concerning the redundant part are not applicable since the unit does not contain any redundant part.

The procedure was updated on line with SPIRE support concerning the commands necessary to generate the adequate TM rate for high data rate testing.

The harness used between SPIRE and the MIL BUS was the fight one protected by savers since the AVM one was not available.

The procedure was followed without any changes except for step 90 in section 2 DPU ON and boot verification and for step 90 in section 8 TM packet acquisition (See WI in annex).

It can be noted that the TM (1,3) and TM(1,1) were not received as expected from SPIRE during step 40 in section 6 Check time synchronization mechanism.

R.A.L. need to check if this behavior is in accordance with the commands which are in the database.

AAS-F need to check if the database files provided to AAS-I are in accordance with the ones provided by R.A.L.

AI #1 R.A.L.

AI #2 AAS-F

One problem occurs during high data rate testing (section 9 : High data rate TM generation). With the Telemetry rate of 136 kbit/s, some packets are lost. Investigations have to be carried on by AAS-I. It can be notes that no on event report was generated at CDMU level. An NCR will be raised after the investigation : see NCR section 5.



**COMPTE RENDU DE REUNION / MINUTES OF MEETING**

LIEU / PLACE : *TURIN*

The final Test Report will be provided by ASS-I. This final Test Report will contain all the Warm Unit activities performed this week.

AI #3 AAS-I

**3. Potential Configuration changes during the tests**

No changes during the tests.

**4. Presentation of the compliance status and the deviation status :  
NCR**

One NCR must be raised after investigation :

- Lost packets during high data rate testing.

AI #4 AAS-I

**5. Open points**

No open points are present.

**6. Conclusion**

The PTR is declared successful.

AAS-I will send back SPIRE DPU to R.A.L. on 27/10/2005 at the following address :

Eric Sawyer

Rutherford Appleton Laboratory

Chilton

Didcot

Oxfordshire

OX11 0QX

UK

AI #5 AAS-I