

SSTD Outgoing Inspection Report

Spacecraft/Project **HERSCHELL/SPIRE**

Document Number **SPIRE-RAL-REP- 002537**

Issue **1**

Sub System **AVM 2 DPU**

Date **10th November 2005**

Model **AVM**

OUTGOING INSPECTION REPORT

FROM
Project Rutherford Appleton Laboratory Space Science and Technology Department Chilton DIDCOT OXON OX11 0QX

TO
IFSI Renato Orfei, IFSI-INAF, Area Ricerca CNR Tor Vergata, Via Fosso del Cavaliere, 100, 00133- Roma, Italy

Applicable sections	
Containers	Yes
External Visual Inspection	Yes
External Connector	Yes
Documentation	Yes
Verification of Interfaces	No
Extra Comments Sheets	No

Drawings / Documents Attached
Photo's attached

INSPECTION CONDUCTED BY

WITNESS BY

NAME
Alan Pearce

DATE
10th November 2005

NAME
Eric Clark (PA)

DATE
10th November 2005

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CONTAINER INSPECTION

TRANSPORT CONTAINERS EXTERNAL CONDITION	REMARKS	Status
Mechanical damage to container fasteners, locks, clips or handling provisions		Checked
Security / Locking Fitted		N/A
Markings for destination and description		Checked
Warning labels relating to handling lifting and stacking limits		Checked
Any additional Comments	Returned to IFSI in Purpose built Case	See Remarks

TRANSPORT CONTAINERS INTERNAL CONDITION	REMARKS	Status
Check Mounting fixtures fitted internal packaging		Checked
Internal padding / packaging required		Checked
Mounting provisions secure		Checked
Any additional Comments	Returned to IFSI in Purpose built Case	See Remarks

ENVIROMENTAL MONITORS								
Temp Monitors		Humidity Monitors		Shock Sensors Triggerd Information				
Fitted:	<input type="text" value="No"/>	Fitted:	<input type="text" value="Yes"/>	5g	10g	15g	25g	50g
Condition:	<input type="text"/>	Condition:	<input type="text" value="Satisfactory"/>	X Axis	N/F	N/F	N/F	N/F
				Y Axis	N/F	N/F	N/F	N/F
				Z Axis	OK	OK	OK	OK

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INSTRUMENT VISUAL INSPECTION

CHECK LIST	REMARKS	RESULTS
Contents against shipping list		Correct
All closure procedures		Correct
Instrument label		Correct
Note status of external contamination		Acceptable
Degradation of paintwork or Coating?		None
Fasteners correctly locked?		N/A
Check protective covers are correctly labelled and fitted?		N/A
Double bagged?	Not a flight item single bagged in ESD bag	See Remarks
Additional Comments		

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INSPECTION OF ALL CONNECTORS

CHECK LIST	REMARKS (LIST CONNECTOR NUMBERS)	RESULTS
Pin Alignment	All	Pass
Damaged Sockets	All	None
Internal Debris	All	None
Connector Covers fitted	All	Pass
Connector Savers Fitted		N/A
EMC Covers Fitted		N/A
RED Tag Item / Green Tag Items fitted		N/A
Additional Comments		

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DOCUMENTATION CHECK LIST

Check	REMARKS	RESULTS
End Item Data Pack	SPIRE-CGS-DOC-002500: (HERS-SPIRE-ED-CGS-001) AVM2 EIDP supplied	Yes
Transportaion Documents		Yes
Packing un- Packing instructions	In EIDP	Yes
Additional Comments	Outgoing Inpsection Report to be emailed to Renato	See Remarks

Verification of Interfaces

Mechanical interface: dimensions specified in the interface control documents such as mass, flatness of surfaces, location of fixing holes and overall dimensions should be measured accurately and recorded. Record Test Report Number, or confirm that measurement result is included in delivery documentation, (EIDP).

INSPECTION / TEST REPORT NUMBER	N/A for this inspection	CHECKED	
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Electrical interfaces: verifying the location and types of connectors against interface control document is normally carried as part of mechanical verification, confirm this has been done. Functional testing: final functional test report number should be noted.

INSPECTION / TEST REPORT NUMBER	N/A for this inspection	CHECKED	
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EXTRA COMMENT SHEET







