

SSTD Incoming Inspection Report

Spacecraft/Project HERSCHELL/SPIRE

Document Number SPIRE-RAL-REP- 002259

Issue 1

Sub System HSDPU

Date 21-Dec-04

Model AVM2

INCOMING INSPECTION REPORT

FROM
<p>CGS CARLO GAVAZZI SPACE,</p>

TO
<p>Project Rutherford Appleton Laboratory Space Science and Technology Department Chilton DIDCOT OXON OX11 0QX</p>

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

Drawings / Documents Attached

INSPECTION CONDUCTED BY

WITNESS BY

NAME
Eric Clark (PA)

DATE
21/12/2004

NAME
Alan Pearce

DATE
21/12/2004

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CONTAINER INSPECTION

TRANSPORT CONTAINERS EXTERNAL CONDITION	REMARKS	Status
Mechanical damage to container fasteners, locks, clips or handling provisions		N/A
Security / Locking Fitted		N/A
Markings for destination and description		
Warning labels relating to handling lifting and stacking limits	Fragile only Fitted	
Any additional Comments	Unit Buble wrapped in a cardboard box lined with Faom and filled with foam chippings	

TRANSPORT CONTAINERS INTERNAL CONDITION	REMARKS	Status
Check Mounting fixtures fitted internal packaging		None
Internal padding / packaging required		Checked
Mounting provisions secure		N/A
Any additional Comments	No Shock, Humidity or temperature Monitors fitted	

ENVIROMENTAL MONITORS																														
Temp Monitors	Humidity Monitors	Shock Sensors Triggerd Information																												
Fitted: <input type="text" value="No"/>	Fitted: <input type="text" value="No"/>																													
Condition: <input type="text" value="N/A"/>	Condition: <input type="text" value="N/A"/>																													
		<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th style="width: 16.6%;">5g</th> <th style="width: 16.6%;">10g</th> <th style="width: 16.6%;">15g</th> <th style="width: 16.6%;">25g</th> <th style="width: 16.6%;">50g</th> </tr> </thead> <tbody> <tr> <td>X Axis</td> <td>N/F</td> <td>N/F</td> <td>N/F</td> <td>N/F</td> <td>N/F</td> </tr> <tr> <td>Y Axis</td> <td>N/F</td> <td>N/F</td> <td>N/F</td> <td>N/F</td> <td>N/F</td> </tr> <tr> <td>Z Axis</td> <td>N/F</td> <td>N/F</td> <td>N/F</td> <td>N/F</td> <td>N/F</td> </tr> </tbody> </table>						5g	10g	15g	25g	50g	X Axis	N/F	N/F	N/F	N/F	N/F	Y Axis	N/F	N/F	N/F	N/F	N/F	Z Axis	N/F	N/F	N/F	N/F	N/F
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INSTRUMENT VISUAL INSPECTION

CHECK LIST	REMARKS	RESULTS
Contents against shipping list		Correct
Instrument label		Correct
Note status of external contamination		Acceptable
Degradation of paintwork or Coating?		N/A
Fasteners correctly locked?		N/A
Check protective covers are correctly labelled and fitted?		None
Additional Comments		None

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INSPECTION OF ALL CONNECTORS

CHECK LIST	REMARKS (LIST CONNECTOR NUMBERS)	RESULTS
Pin Alignment	Some of the Pins appear to be sightly Bent and not in their optimum position	See remark
Damaged Sockets		Pass
Internal Debris		Pass
Connector Covers fitted		None
Connector Savers Fitted		None
EMC Covers Fitted		None
RED Tag Item / Green Tag Items fitted		None
Additional Comments	No Nuts Fitted to Earth Stud	See remark

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DOCUMENTATION CHECK LIST

Check	REMARKS	RESULTS
End Item Data Pack		No
Transportaion Documents		Yes
Packing un- Packing instructions		No
Additional Comments	Letter with item stating that it is on loan	

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 **CHECKED** To be preformed at integration

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 **CHECKED** To be preformed at integration

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EXTRA COMMENT SHEET
