

SSTD Incoming Inspection Report

Spacecraft/Project HERSCHEL / SPIRE

Document Number SPIRE-RAL-REP- 002171

Issue 1

Sub System SCAL BOX, Black Tiles,

Date 26-Oct-04

Model PFM

INCOMING INSPECTION REPORT

FROM
University of Wales Cardiff.

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

Applicable sections	
Containers	YES
External Visual Inspection	YES
External Connector	NO
Documentation	YES
Verification of Interfacs	NO
Extra Comments Sheets	YES

Drawings / Documents Attached
None

INSPECTION CONDUCTED BY

WITNESS BY

NAME
Eric Clark

DATE
26/10/2004

NAME
Eric Clark (PA)

DATE
26/10/2004

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CONTAINER INSPECTION

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

TRANSPORT CONTAINERS INTERNAL CONDITION	REMARKS	Status
Check Mounting fixtures fitted internal packaging		N/A
Internal padding / packaging required		Checked
Mounting provisions secure		N/A
Any additional Comments		N/A

ENVIROMENTAL MONITORS																										
Temperature	Not Fitted	Condition	N/A	<table border="1" style="margin: auto; border-collapse: collapse;"> <thead> <tr> <th colspan="4">Shock Sensors Triggerd Information</th> </tr> <tr> <th></th> <th style="text-align: center;">5g</th> <th style="text-align: center;">10g</th> <th style="text-align: center;">15g</th> </tr> </thead> <tbody> <tr> <td>X Axis</td> <td style="text-align: center;">N/F</td> <td style="text-align: center;">N/F</td> <td style="text-align: center;">N/F</td> </tr> <tr> <td>Y Axis</td> <td style="text-align: center;">N/F</td> <td style="text-align: center;">N/F</td> <td style="text-align: center;">N/F</td> </tr> <tr> <td>Z Axis</td> <td style="text-align: center;">N/F</td> <td style="text-align: center;">N/F</td> <td style="text-align: center;">N/F</td> </tr> </tbody> </table>			Shock Sensors Triggerd Information					5g	10g	15g	X Axis	N/F	N/F	N/F	Y Axis	N/F	N/F	N/F	Z Axis	N/F	N/F	N/F
Shock Sensors Triggerd Information																										
	5g	10g	15g																							
X Axis	N/F	N/F	N/F																							
Y Axis	N/F	N/F	N/F																							
Z Axis	N/F	N/F	N/F																							
Humidity	Not Fitted	Condition	N/A																							

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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?		ACCEPTABLE
Fasteners correctly locked?	Not Applicable	SEE REMARKS
Check protective covers are correctly labelled and fitted?	Not Applicable	SEE REMARKS
Additional Comments	Scal Box OK, Black Tiles OK, Filters not inspected	SEE REMARKS

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INSPECTION OF ALL CONNECTORS

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

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DOCUMENTATION CHECK LIST

Check	REMARKS	RESULTS
End Item Data Pack	A Not Signed off EIDP for Filters only supplied	See Remarks
Transportaion Documents	None Supplied with shipment for SCAL Box or Tiles	See Remarks
Packing un- Packing instructions	None Supplied with shipment for SCAL Box or Tiles	See Remarks
Additional Comments		

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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

Filters	To be inspected at a later Date		
Spire PFM SCAL Box			OK
Black Tiles			
CMY-01	X	2	OK
CPZ-01	X	1	OK
OSB-01	X	1	OK
SCB-01	X	1	OK
SCB-02	X	2	OK
SMZ-01	X	12	OK