

SSTD Incoming Inspection Report

Spacecraft/Project **HERSCHEL / SPIRE**

Document Number **SPIRE-RAL-REP- 002384**

Issue **1**

Sub System **See Extra Comments Sheet**

Date **22nd March 2005**

Model **PFM**

INCOMING INSPECTION REPORT

FROM
<p>MSSL Mullard Space Science Lab, Surrey</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	No
Documentation	Yes
Verification of Interfaces	No
Extra Comments Sheets	Yes

Drawings / Documents Attached

INSPECTION CONDUCTED BY

WITNESS BY

NAME
Alan Pearce

DATE
22nd March 2005

NAME
Eric Clark (PA)

DATE
22nd March 2005

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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		N/A
Warning labels relating to handling lifting and stacking limits		See Remarks
Any additional Comments	Delivered by Hand from MSSL in Plastic container.	See Remarks

TRANSPORT CONTAINERS INTERNAL CONDITION	REMARKS	Status
Check Mounting fixtures fitted internal packaging		N/A
Internal padding / packaging required		Checked
Mounting provisions secure		None
Any additional Comments	Each Item is individually Bagged, wrapped in Bubble wrap inside Plastic Transport Box, No Environmental monitors fitted	See Remarks

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

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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?		Correct
Fasteners correctly locked?		N/A
Check protective covers are correctly labelled and fitted?		N/A
Additional Comments	All parts are to be cleaned ready for Bakeout	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		See remark

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DOCUMENTATION CHECK LIST

Check	REMARKS	RESULTS
End Item Data Pack		N/A for this inspection
Transportaion Documents	Delivered by Hand	No
Packing un- Packing instructions		No
Additional Comments	Delivery Note Only Supplied	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		CHECKED	To be preformed at integration
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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		CHECKED	N/A for this inspection
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EXTRA COMMENT SHEET

Descripton of Part	Qty		Part Number
Photometedr Detector BoxA frames	2	5234-313	B3MD-00.20.009
Photometedr Detector Box Cone	1	5264-312	B3MD-00.20.004
Spectrometer Detector box A Frames	3	5264-307-4	B3MD-00.20.014