

SSTD Incoming Inspection Report

Spacecraft/Project **HERSCHEL / SPIRE**

Document Number **SPIRE-RAL-REP- 002102**

Issue **1.0**

Sub System **See Extra Comments Sheet**

Date **19-Jul-04**

Model **PFM**

INCOMING INSPECTION REPORT

FROM
MSSL

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

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

Drawings / Documents Attached

INSPECTION CONDUCTED BY

WITNESS BY

NAME
Alan Pearce

DATE
19 July 2004

NAME
Eric Clark (PA)

DATE
19 July 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 by MSSL	N/A
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		None

TRANSPORT CONTAINERS INTERNAL CONDITION	REMARKS	Status
Check Mounting fixtures fitted internal packaging	HAND Delivered by MSSL	See Remarks
Internal padding / packaging required		N/A
Mounting provisions secure		N/A
Any additional Comments		None

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

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INSTRUMENT VISUAL INSPECTION

CHECK LIST	REMARKS	RESULTS
Contents against shipping list	No shipping list supplied	INCORRECT
Instrument label	Several Parts for PFM delivered see list on comments sheet at end of report	SEE REMARKS
Note status of external contamination		N/A
Degradation of paintwork or Coating?		N/A
Fasteners correctly locked?		N/A
Check protective covers are correctly labelled and fitted?		N/A
Additional Comments		NONE

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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		NO
Transportaion Documents		NO
Packing un- Packing instructions	Unpacked by MSSL	See Remarks
Additional Comments		None

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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 N/A on this inspection

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 on this inspection

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EXTRA COMMENT SHEET

List of Items supplied.				Qty
			SPIRE Photometer box base	
5264	306	22	Load Spreader	Photometer 1
5264	306	23	Thermal Pad	Photometer 1
5264	306	27	Stud plate outer	Photometer 1
			6-32 Nuts Plain	Photometer 12
5264	306	25 & 26	Stud plate & Stud	Photometer 1
			6-32 Oversize washers	Photometer 18
			6-32 X 5/8 Socket cap	Photometer 8
5264	306	28	Insulating Bushes	Photometer 10
5264	302	20A	2K interconnecting	Photometer 1
5264	307	15	Thermal Pad	Spectrometer 1
5264	307	14	Load Spreader	Spectrometer 1
5264	307	19	Stud plate outer	Spectrometer 2
5264	307	16	Strap Spacer	Spectrometer 1
5264	307	17 & 18	Stud plate & Stud	Spectrometer 1
			6-32 x 1/2 counter sunk	Spectrometer 8
			6-32 Plain nuts	Spectrometer 11
			6-32 oversize washers	Spectrometer 12
			6-32 plain washers	Spectrometer 18
			6-32 x 5/8 Lid cover rough assembly screws	Spectrometer 40