

SSTD Incoming Inspection Report

Spacecraft/Project **HERSCHEL / SPIRE**

Document Number **SPIRE-RAL-REP- 002455**

Issue **1**

Sub System **Detector Harness**

Date **20-Jun-05**

Model **PFM**

INCOMING INSPECTION REPORT

FROM
TEKDATA
Roy Blake, TEKDATA, Westport house, Federation Road, Burslem, Stoke, ST6 4HY

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

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

Drawings / Documents Attached
Photo of Connector with missing pin

INSPECTION CONDUCTED BY

WITNESS BY

NAME
Eric Clark (PA)

DATE
20/06/2005

NAME
Eric Clark (PA)

DATE
20/06/2005

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CONTAINER INSPECTION

TRANSPORT CONTAINERS EXTERNAL CONDITION	REMARKS	Status
Mechanical damage to container fasteners, locks, clips or handling provisions		See Remarks
Security / Locking Fitted		See Remarks
Markings for destination and description		See Remarks
Warning labels relating to handling lifting and stacking limits		See Remarks
Any additional Comments	Not Available for inspection. Unpacked prior to Inspection	See Remarks

TRANSPORT CONTAINERS INTERNAL CONDITION	REMARKS	Status
Check Mounting fixtures fitted internal packaging		See Remarks
Internal padding / packaging required		See Remarks
Mounting provisions secure		See Remarks
Any additional Comments	Not Available for inspection. Unpacked prior to Inspection	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	15g	25g				
Condition: <input type="text"/>	Condition: <input type="text"/>	<table border="1" style="width: 100%;"> <tr> <td style="width: 50px;">X Axis</td> <td rowspan="3" style="vertical-align: top;">Not Available for inspection. Unpacked prior to Inspection</td> </tr> <tr> <td>Y Axis</td> </tr> <tr> <td>Z Axis</td> </tr> </table>				X Axis	Not Available for inspection. Unpacked prior to Inspection	Y Axis	Z Axis
X Axis	Not Available for inspection. Unpacked prior to Inspection								
Y Axis									
Z Axis									

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INSTRUMENT VISUAL INSPECTION

CHECK LIST	REMARKS	RESULTS
Contents against shipping list	No Shipping List Available at Inspection	See Remarks
Instrument label		N/A
Note status of external contamination		Acceptable
Degradation of paintwork or Coating?		Acceptable
Fasteners correctly locked?		N/A
Check protective covers are correctly labelled and fitted?	See Next sheet	See Remarks
Additional Comments	The comments above refer to condition of Harness	See Remarks

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INSPECTION OF ALL CONNECTORS

CHECK LIST	REMARKS (LIST CONNECTOR NUMBERS)	RESULTS
Pin Alignment		Pass
Damaged Sockets		None
Internal Debris		None
Connector Covers fitted	See Extra comments sheet for details of which connector had covers fitted	See remark
Connector Savers Fitted		None
EMC Covers Fitted		N/A
RED Tag Item / Green Tag Items fitted		None
Additional Comments	See Extra Comments sheet for details of connectors	See remark

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DOCUMENTATION CHECK LIST

Check	REMARKS	RESULTS
End Item Data Pack		N/A for this inspection
Transportaion Documents		No
Packing un- Packing instructions		No
Additional Comments	This is an Item that was returned to Tekdata for Modification/repair	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 N/A for this inspection
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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

Connector ID	Comments
P06- 035	Pin missing Hole enlarged, Link to P05-033 and earth Tag Otherwise all other pins OK See Photo attached
P05- 033	Link to P06-035 and earth Tag all pins OK
P11- 033	all Sockets OK, Conector Cover fitted
P12- 035	all Sockets OK, Conector Cover fitted

