

SSTD Incoming Inspection Report

Spacecraft/Project **HERSCHEL / SPIRE**

Document Number **SPIRE-UCF-REP- 002203**

Issue **1**

Sub System **Spectrometer Cal Source**

Date **8th November 2004**

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

Drawings / Documents Attached
Pictures of the sheared screw, Connectors, & the source.

INSPECTION CONDUCTED BY

WITNESS BY

NAME
Peter Hargrave

DATE
8th November 2004

NAME
Eric Clark (PA)

DATE
8th November 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		N/A
Warning labels relating to handling lifting and stacking limits		N/A
Any additional Comments	Delivered By Hand	See Remarks

TRANSPORT CONTAINERS INTERNAL CONDITION	REMARKS	Status
Check Mounting fixtures fitted internal packaging		N/A
Internal padding / packaging required		N/A
Mounting provisions secure		N/A
Any additional Comments	Double Bagged in a Padded Bag	See Remarks

ENVIROMENTAL MONITORS																									
Temperature		Condition		<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			
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Humidity		Condition																							

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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?	None	SEE REMARKS
Check protective covers are correctly labelled and fitted?		CORRECT
Additional Comments	Peter Hargrave mentioned that one of the rear cover retaining screws had had its head sheared off during assembly, leaving the stud behind, it was agreed that we could use as is. PH to raise NCR. See Photo attached.	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		NONE
Connector Savers Fitted		NONE
EMC Covers Fitted		NONE
RED Tag Item / Green Tag Items fitted		NONE
Additional Comments	See photo's of both connectors attached	See remark

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DOCUMENTATION CHECK LIST

Check	REMARKS	RESULTS
End Item Data Pack	HSO-CDF-EIDP-071 Issue 1.1	YES
Transportaion Documents	Hand Carried	See Remarks
Packing un- Packing instructions	Unpacked by peter Hargrave	N/A
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	N/A	CHECKED	N/A on 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	N/A	CHECKED	N/A on this inspection
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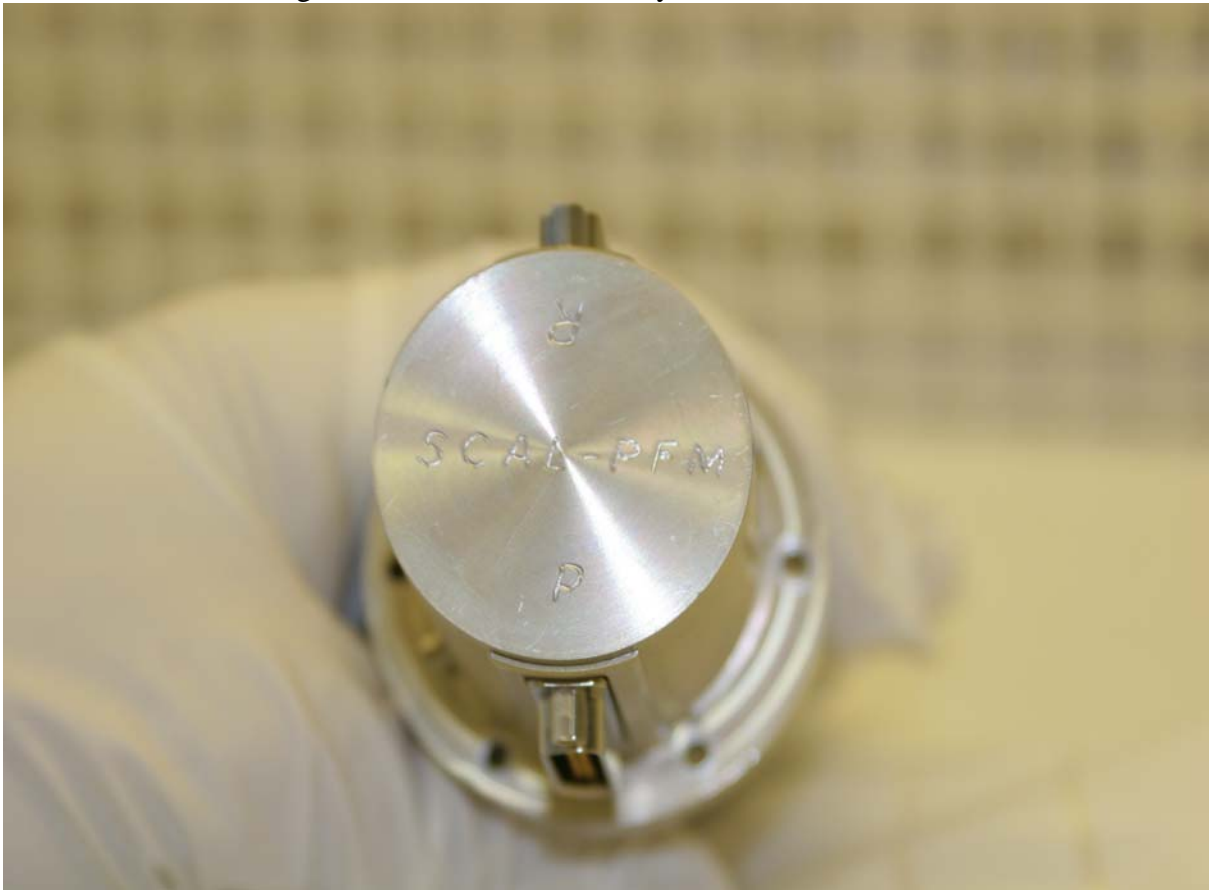
EXTRA COMMENT SHEET

SPIRE-UCF-REP-002203 SCAL Incoming Inspection Report Photo's

Photo 1 SCAL PFM Bagged Prior to Inspection



Photo 2 SCAL Showing Prime & Redundant clearly Marked



SPIRE-UCF-REP-002203 SCAL Incoming Inspection Report Photo's

Photo 3 & 4 Prime & Redundant Connector Pin Alignment OK



SPIRE-UCF-REP-002203 SCAL Incoming Inspection Report Photo's

Photo 5 & 6 showing stud in Hole (as stated on External Visual Inspection sheet)

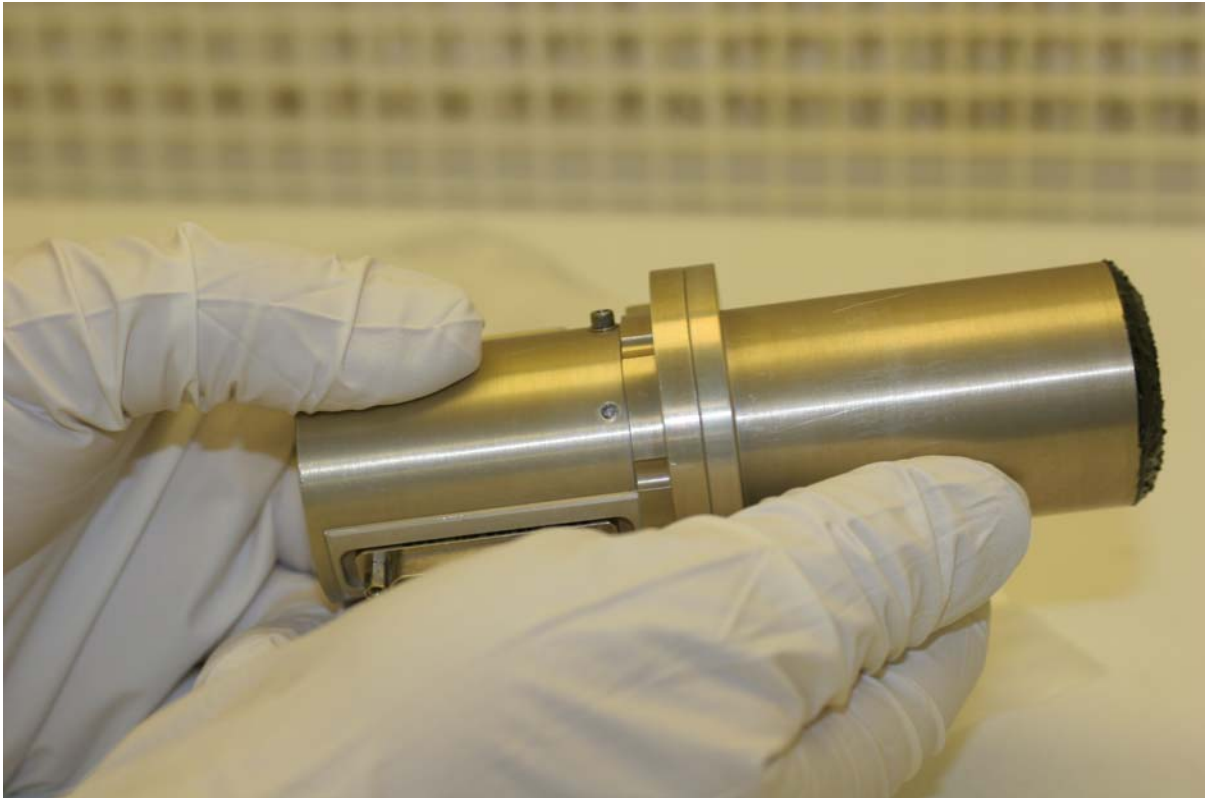


Photo 6 View into end of SCAL.

