

SSTD Incoming Inspection Report

Spacecraft/Project **HERSCHEL / SPIRE**

Document Number **SPIRE-RAL-REP- 002411**

Issue **1**

Sub System **PCAL**

Date **21st April 2005**

Model **PFM**

INCOMING INSPECTION REPORT

FROM
UCF
Department of Physics and Astronomy, University of Wales, Cardiff,

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	No

Drawings / Documents Attached
Photo's attached
Failed Incoming Inspection
SEE SPIRE-RAL-NCR-122

INSPECTION CONDUCTED BY

WITNESS BY

NAME
Eric Clark (PA)

DATE
21st April 2005

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Eric Clark (PA)

DATE
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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	Hand delivered by P Hargrave	See Remarks

TRANSPORT CONTAINERS INTERNAL CONDITION	REMARKS	Status
Check Mounting fixtures fitted internal packaging		Checked
Internal padding / packaging required		Checked
Mounting provisions secure		N/A
Any additional Comments	No Environmental Monitors fitted	See Remarks

ENVIORNENTAL MONITORS					
Temp Monitors		Humidity Monitors		Shock Sensors Triggerd Information	
Fitted:	<input type="text"/>	Fitted:	<input type="text"/>	5g	10g
Condition:	<input type="text"/>	Condition:	<input type="text"/>	15g	25g
				50g	

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INSTRUMENT VISUAL INSPECTION

CHECK LIST	REMARKS	RESULTS
Contents against shipping list		N/A
Instrument label		Correct
Note status of external contamination	Staining and marks around the body of the PCAL	See Remarks
Degradation of paintwork or Coating?		See Remarks
Fasteners correctly locked?		N/A
Check protective covers are correctly labelled and fitted?		N/A
Additional Comments	Contamination makes this ITEM unacceptable for Flight.	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		None
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	Wire Tails protrude from Turret solder connections, Right hand end turret wire entering solder joint Insulation has not been stripped Back enough Solderjoint Fails inspection	See remark

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EXTRA COMMENT SHEET

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DOCUMENTATION CHECK LIST

Check	REMARKS	RESULTS
End Item Data Pack	Electronic version of EIDP already available nothing delivered with item	No
Transportaion Documents	See above	No
Packing un- Packing instructions	See above	No
Additional Comments		

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).

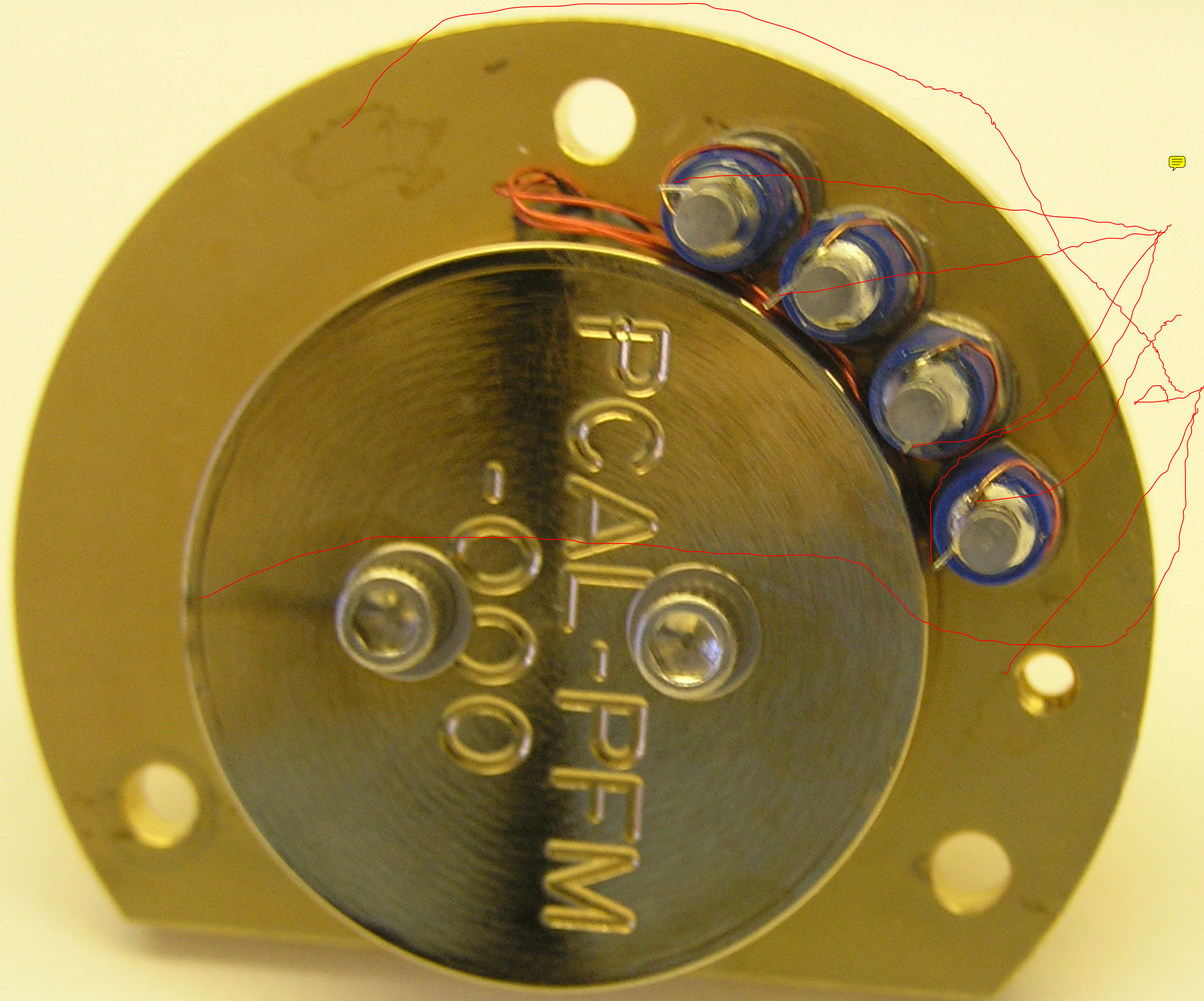
INSPECTION / TEST REPORT NUMBER	CHECKED N/A for this inspection
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Electrical interfaces: verifying the location and types of connectors against interface control document is normally carried as part of mechanical verification, confirm this has been done. Functional testing: final functional test report number should be noted.

INSPECTION / TEST REPORT NUMBER	CHECKED N/A for this inspection
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FLIGHT MODEL

PCAL-PFM-000



Solder