

# SSTD Outgoing Inspection Report

Spacecraft/Project    **HERSCHELL/SPIRE**

Document Number    **SPIRE-RAL-REP- 002303**

Issue    **1**

Sub System    **FPU Redelivered**

Date    **13-Jan-05**

Model    **CQM**

## OUTGOING INSPECTION REPORT

FROM
<p><b>Project</b>  Rutherford Appleton Laboratory  Space Science and Technology Department  Chilton  DIDCOT  OXON  OX11 0QX</p>

TO
<p><b>EADS</b>  EADS Attn. Mr Paul Mack, Astrium, Ludwig-  Boelkow-Allee, Gate 2, 85521 Ottobrunn</p>

Applicable sections	
Containers	Yes
External Visual Inspection	Yes
External Connector	Yes
Documentation	Yes
Verification of Interfaccs	
Extra Comments Sheets	

Drawings / Documents Attached
Photo's Attached
REF FPU Bench test
SPIRE-RAL-NOT-002216 Issue 5

**INSPECTION CONDUCTED BY**

**WITNESS BY**

NAME
Alan Pearce

DATE
13/01/2005

NAME
Eric Clark (PA)

DATE
13/01/2005

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## CONTAINER INSPECTION

TRANSPORT CONTAINERS EXTERNAL CONDITION	REMARKS	Status
Mechanical damage to container fasteners, locks, clips or handling provisions		Checked
Security / Locking Fitted		Checked
Markings for destination and description		Checked
Warning labels relating to handling lifting and stacking limits		Checked
Any additional Comments		

TRANSPORT CONTAINERS INTERNAL CONDITION	REMARKS	Status
Check Mounting fixtures fitted internal packaging		Checked
Internal padding / packaging required		Checked
Mounting provisions secure		Checked
Any additional Comments		

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

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**INSTRUMENT VISUAL INSPECTION**

CHECK LIST	REMARKS	RESULTS
Contents against shipping list		Correct
All closure procedures		Correct
Instrument label		Correct
Note status of external contamination		Acceptable
Degradation of paintwork or Coating?		None
Fasteners correctly locked?		Correct
Check protective covers are correctly labelled and fitted?		Correct
Double bagged?		Correct
Additional Comments		None

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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		Pass
Connector Savers Fitted	Shorting connectors on J27 & J28, active JFETs fitted	See remark
EMC Covers Fitted		
RED Tag Item / Green Tag Items fitted	Aperture cover and Optics cube fitted	See remark
Additional Comments		

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## DOCUMENTATION CHECK LIST

Check	REMARKS	RESULTS
End Item Data Pack		Yes
Transportaion Documents		Yes
Packing un- Packing instructions		Yes
Additional Comments		N/A

## 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).

<b>INSPECTION / TEST REPORT NUMBER</b>		<b>CHECKED</b>	N/A
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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.

<b>INSPECTION / TEST REPORT NUMBER</b>		<b>CHECKED</b>	N/A
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Issue	1
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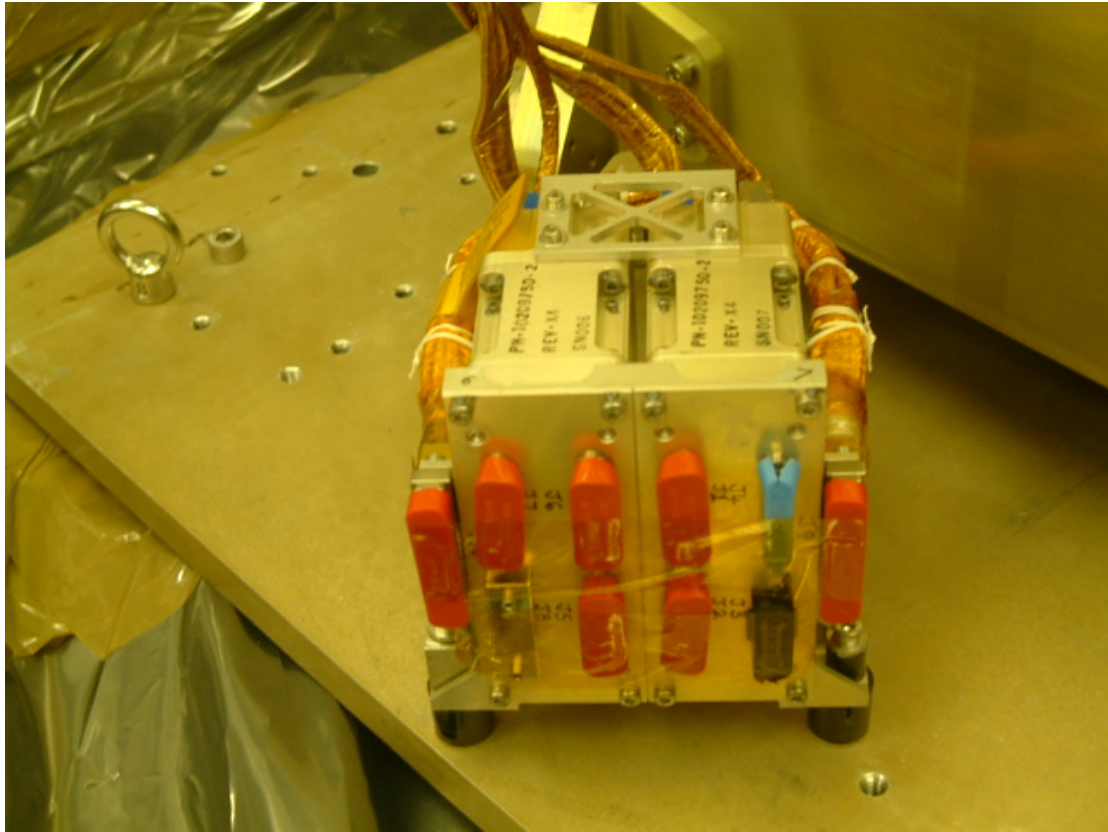
Sub System	FPU Redelivered
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Date	13-Jan-05
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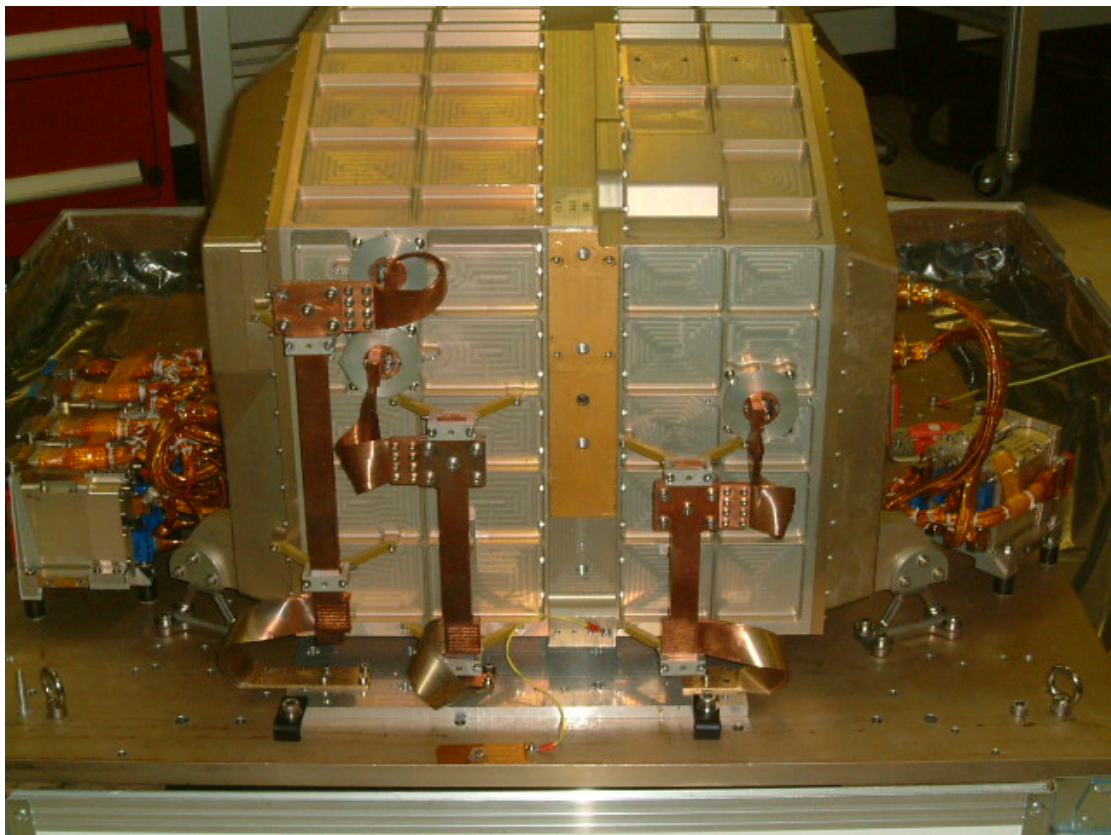
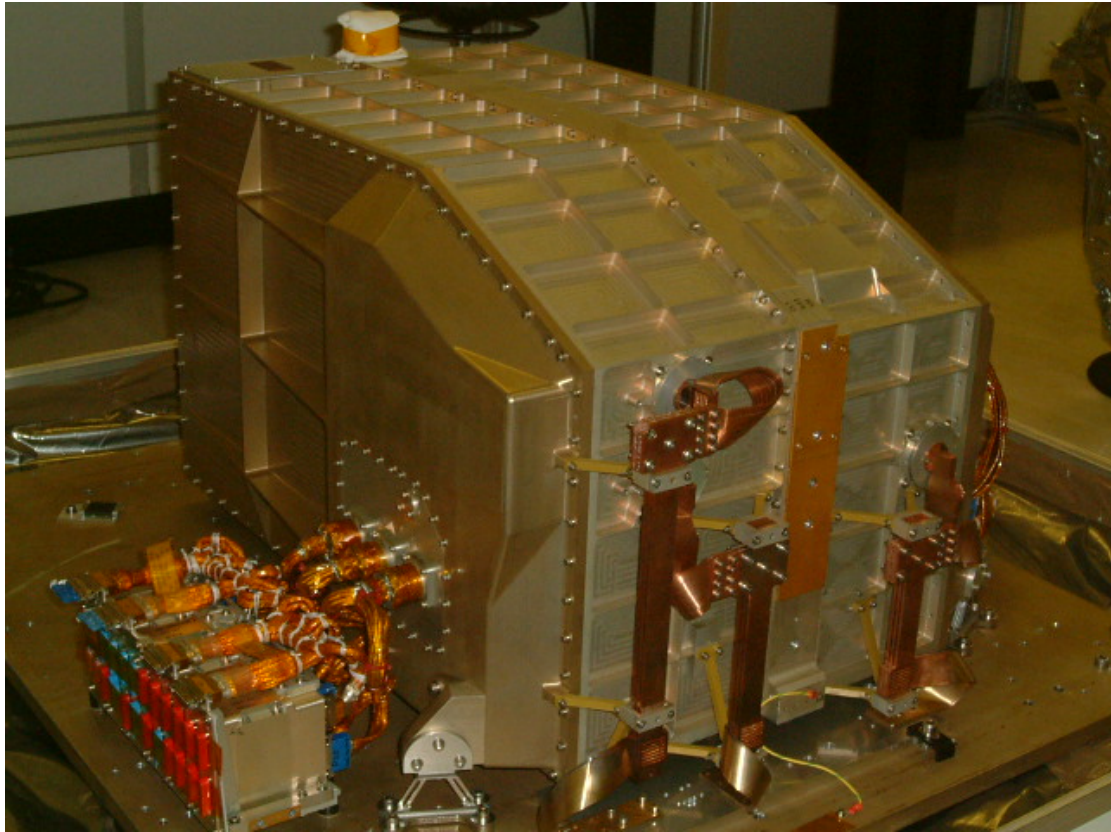
Model	CQM
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<b>EXTRA COMMENT SHEET</b>
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SPIRE CQM FPU Redelivered Ref SPIRE-RAL-REP-002303 Outgoing Inspection

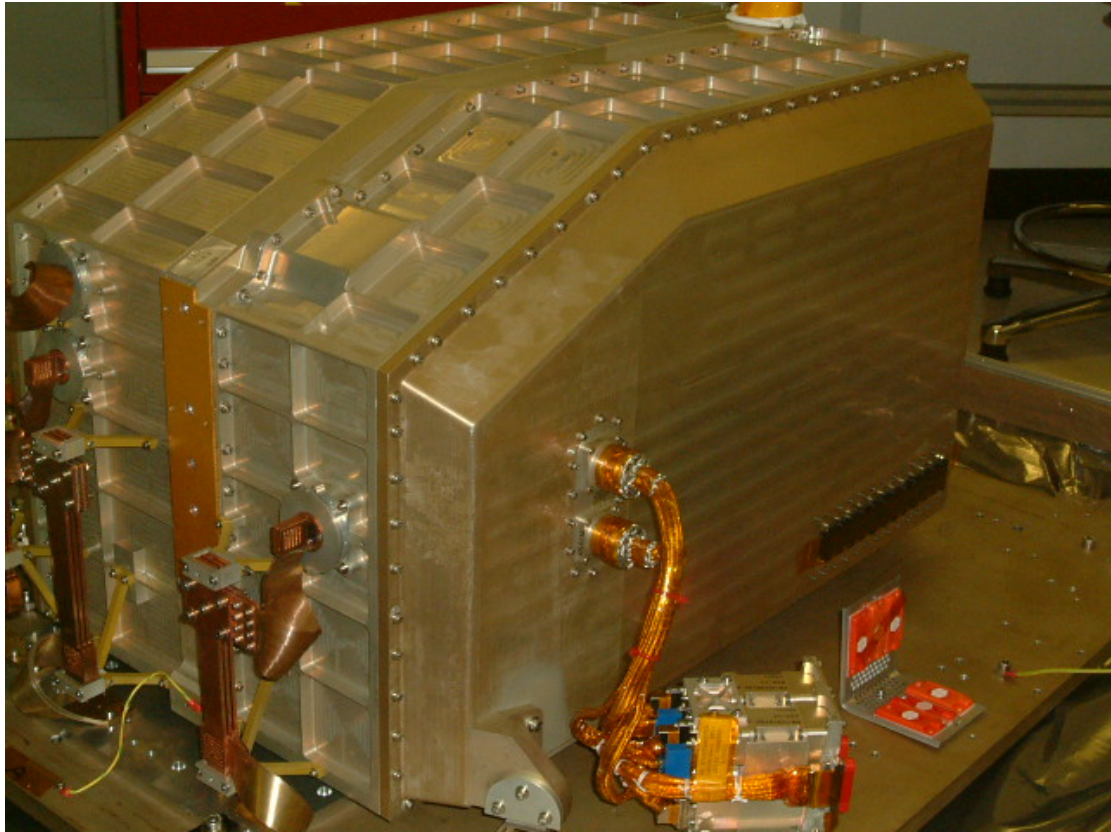


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