

# SSTD Incoming Inspection Report

Spacecraft/Project    **HERSCHELL/SPIRE**

Document Number    **SPIRE-RAL-REP- 002215**

Issue    **1**

Sub System    **FPU**

Date    **22-Nov-04**

Model    **CQM**

## INCOMING INSPECTION REPORT

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

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

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

Drawings / Documents Attached

**INSPECTION CONDUCTED BY**

**WITNESS BY**

NAME
Eric Sawyer

DATE
22/11/2004

NAME
Doug Griffin

DATE
22/11/2004

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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"/>	<b>5g</b>	<b>10g</b>	<b>15g</b>	<b>25g</b>	<b>50g</b>
Condition: <input type="text"/>	Condition: <input type="text" value="Satisfactory"/>	X Axis	Y Axis	Z Axis		
		Minus	OK	OK		
		Minus				
		OK				
		OK				

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## INSTRUMENT VISUAL INSPECTION

CHECK LIST	REMARKS	RESULTS
Contents against shipping list		Acceptable
Instrument label		Acceptable
Note status of external contamination		Acceptable
Degradation of paintwork or Coating?		N/A
Fasteners correctly locked?		Acceptable
Check protective covers are correctly labelled and fitted?		Acceptable
Additional Comments		

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**INSPECTION OF ALL CONNECTORS**

CHECK LIST	REMARKS (LIST CONNECTOR NUMBERS)	RESULTS
Pin Alignment		Pass
Damaged Sockets		Pass
Internal Debris		Pass
Connector Covers fitted		Pass
Connector Savers Fitted		None
EMC Covers Fitted		Pass
RED Tag Item / Green Tag Items fitted	Aperture cover temporary grounding strap and alignment cube fitted	Pass
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		

## 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>	SPIRE-RAL-DOC-02166	<b>CHECKED</b>	Yes
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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>	SPIRE-RAL-REP-02214	<b>CHECKED</b>	Yes
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<b>EXTRA COMMENT SHEET</b>
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