

SSTD Outgoing Inspection Report

Spacecraft/Project **HERSCHELL/SPIRE**

Document Number **SPIRE-RAL-REP- 002658**

Issue **1**

Sub System **SPIRE CQM**

Date **17-May-06**

Model **CQM**

OUTGOING INSPECTION REPORT

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

TO
EADS 0

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

Drawings / Documents Attached

INSPECTION CONDUCTED BY

WITNESS BY

NAME
Alan Pearce

DATE
17/05/2006

NAME
Eric Sawyer

DATE
17/05/2006

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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		None
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						
Temp Monitors		Humidity Monitors		Shock Sensors Triggerd Information		
Fitted:	<input type="text" value="No"/>	Fitted:	<input type="text" value="Yes"/>	5g	10g	15g
Condition:	<input type="text"/>	Condition:	<input type="text" value="Satisfactory"/>	25g	50g	
				X Axis	OK	OK
				Y Axis	OK	OK
				Z Axis	OK	OK

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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?		Acceptable
Fasteners correctly locked?		Acceptable
Check protective covers are correctly labelled and fitted?		Acceptable
Double bagged?		Acceptable
Additional Comments		

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INSPECTION OF ALL CONNECTORS

CHECK LIST	REMARKS (LIST CONNECTOR NUMBERS)	RESULTS
Pin Alignment	FPU J19 to J30. HSJFET J1 to J10. HPJFET J1 to J28	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 fitted, Alignment cube not 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).

INSPECTION / TEST REPORT NUMBER	N/A for this inspection	CHECKED	No
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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	SPIRE-RAL-NOT-002216 issue 7	CHECKED	Yes
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EXTRA COMMENT SHEET
