

# SSTD Outgoing Inspection Report

Spacecraft/Project    **HERSCHELL/SPIRE**

Document Number    **SPIRE-RAL-REP- 002401**

Issue    **1**

Sub System    **WE Harnesses & Power Bench**

Date    **13th April 2005**

Model    **CQM**

## OUTGOING INSPECTION REPORT

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

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

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

Drawings / Documents Attached

**INSPECTION CONDUCTED BY**

**WITNESS BY**

NAME
Eric Clark (PA)

DATE
13th April 2005

NAME
Alan Pearce

DATE
13th April 2005

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## CONTAINER INSPECTION

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

TRANSPORT CONTAINERS INTERNAL CONDITION	REMARKS	Status
Check Mounting fixtures fitted internal packaging		N/A
Internal padding / packaging required		Checked
Mounting provisions secure		Checked
Any additional Comments	CQM Cooler Transport container used	See Remarks

ENVIROMENTAL MONITORS								
<b>Temp Monitors</b>		<b>Humidity Monitors</b>		<b>Shock Sensors Triggerd Information</b>				
Fitted:	<input type="text"/>	Fitted:	<input type="text"/>	5g	10g	15g	25g	50g
Condition:	<input type="text"/>	Condition:	<input type="text"/>	X Axis				
				Y Axis				
				Z Axis				

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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?		N/A
Check protective covers are correctly labelled and fitted?		Correct
Double bagged?		N/A
Additional Comments	Power Bench Check all ok	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		Pass
Connector Savers Fitted		None
EMC Covers Fitted		None
RED Tag Item / Green Tag Items fitted		None
Additional Comments	See Extra Comments Sheet for List of Connectors	See remark

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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	Issue 3 of EIDP refers	See Remarks

## 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**

**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**

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## EXTRA COMMENT SHEET

	Conector Cover fitted	Connector Pins	Contamination
HSFCU EXT POWER I/P Cable	OK	OK	OK
PSU J33 - SCU J35	OK	OK	OK
PSU J09 - MCU J31	OK	OK	OK
DCU J03 - PSU J07	OK	OK	OK
DPU J07 - DCU J01	OK	OK	OK
DPU J09 - SCU J03	OK	OK	OK
FCU J01 - FCU J01	OK	OK	OK