

# SSTD Incoming Inspection Report

Spacecraft/Project    **HERSCHEL / SPIRE**

Document Number    **SPIRE-RAL-REP- 002404**

Issue    **1**

Sub System    **WIH and power bench**

Date    **19-Apr-05**

Model    **CQM**

## INCOMING INSPECTION REPORT

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

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

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

Drawings / Documents Attached

**INSPECTION CONDUCTED BY**

**WITNESS BY**

**NAME**

**DATE**

**NAME**

**DATE**

Alan Pearce

19/04/2005

Eric Sawyer

19/04/2005

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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		N/A
Any additional Comments		

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

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
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?		N/A
Additional Comments		

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**INSPECTION OF ALL CONNECTORS**

CHECK LIST	REMARKS (LIST CONNECTOR NUMBERS)	RESULTS
Pin Alignment		See remark
Damaged Sockets		
Internal Debris		
Connector Covers fitted		
Connector Savers Fitted		
EMC Covers Fitted		
RED Tag Item / Green Tag Items fitted		
Additional Comments	See extra comments sheet	

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## DOCUMENTATION CHECK LIST

Check	REMARKS	RESULTS
End Item Data Pack		
Transportaion Documents		
Packing un- Packing instructions		
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**

**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**

Harness	pins	sockets	Debris	Harness condition
DPUJ07 to DPU J01	ok	ok	ok	ok
PSU J09 to FCU P31	ok	ok	ok	ok
DPU J09 to FCU P03	ok	ok	ok	ok
PSU J07 to DCU J03	ok	ok	ok	ok
PSU J07 to DCU J03	ok	ok	ok	ok
FCU P35 to PSU J33	ok	ok	ok	ok
FCU P01 to DPU P08	ok	ok	ok	ok
FCU P20	ok	ok	ok	ok
				Pin 19 slightly low, use as is
				Long Cable, no protective caps fitted
				mechanism power supply
				Extrenal DCU switch, no protective caps fitted
Power bench	ok	ok	ok	ok