

# SSTD Outgoing inspection Report

Spacecraft/Project    **HERSCHELL/SPIRE**

Document Number    **SPIRE-RAL-REP-002214**

Issue    **1.0**

Sub System    **SPIRE Instrument**

Date    **14-Nov-04**

Model    **CQM**

## OUTGOING INSPECTION REPORT

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

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

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

Drawings / Documents Attached
FPU Electrical Bench Test Report SPIRE-RAL- NOT-002216v1

**INSPECTION CONDUCTED BY**

**WITNESS BY**

NAME
Alan Pearce

DATE
14/11/2004

NAME
Eric Clark (PA)

DATE
14/11/2004

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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	delivered by RAL/MSSL personnel	See Remarks
Warning labels relating to handling lifting and stacking limits		Checked
Any additional Comments		None

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	Nitrogen flush between 1st and second Bagging	See Remarks

ENVIORNMENTAL MONITORS									
<b>Temp Monitors</b>		<b>Humidity Monitors</b>		<b>Shock Sensors 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		
All closure procedures		
Instrument label		
Note status of external contamination		<b>Acceptable</b>
Degradation of paintwork or Coating?		<b>Acceptable</b>
Fasteners correctly locked?		
Check protective covers are correctly labelled and fitted?		<b>Acceptable</b>
Double bagged?		<b>Correct</b>
Additional Comments	Internal Inspection performed by E Sawyer, D griffin and E Clark 05/11/04 all OK	<b>See Remarks</b>

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## INSPECTION OF ALL CONNECTORS

CHECK LIST	REMARKS (LIST CONNECTOR NUMBERS)	RESULTS
Pin Alignment		Pass
Damaged Sockets		None
Internal Debris		See remark
Connector Covers fitted		Pass
Connector Savers Fitted		None
EMC Covers Fitted		See remark
RED Tag Item / Green Tag Items fitted	Alignment Cube not fitted, otherwise Red tag items as identified in integration and handling plan.	See remark
Additional Comments	JFET Connectors checked 11 /11/04 one mark on plate close to connector remove a sma	See remark

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## DOCUMENTATION CHECK LIST

Check	REMARKS	RESULTS
End Item Data Pack	EIDP version 1.1 one paper copy supplied	
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**       **CHECKED**  N/A for this inspection

**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**  N/A for this inspection

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<b>EXTRA COMMENT SHEET</b>
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