

SSTD Incoming Inspection Report

Spacecraft/Project **HERSCHELL/SPIRE**

Document Number **SPIRE-RAL-REP- 002321**

Issue **1**

Sub System **LTS 100 & 400 Light Baffles**

Date **28-Jan-05**

Model **PFM**

INCOMING INSPECTION REPORT

FROM
UCF
Department of Physics and Astronomy, University of Wales, Cardiff,

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

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

Drawings / Documents Attached

INSPECTION CONDUCTED BY

WITNESS BY

NAME
Eric Clark (PA)

DATE
28/01/2005

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DATE
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CONTAINER INSPECTION

TRANSPORT CONTAINERS EXTERNAL CONDITION	REMARKS	Status
Mechanical damage to container fasteners, locks, clips or handling provisions		See Remarks
Security / Locking Fitted		See Remarks
Markings for destination and description		See Remarks
Warning labels relating to handling lifting and stacking limits		See Remarks
Any additional Comments	Items delivered by Hand so this section Not applicable	See Remarks

TRANSPORT CONTAINERS INTERNAL CONDITION	REMARKS	Status
Check Mounting fixtures fitted internal packaging		Checked
Internal padding / packaging required		Checked
Mounting provisions secure		N/A
Any additional Comments	Items are delivered in two plastic boxes clearly identified inside a sealed bag. Note no environmental monitors fitted.	See Remarks

ENVIORNENTAL MONITORS								
Temp Monitors		Humidity Monitors		Shock Sensors Triggered Information				
Fitted:	<input type="text" value="No"/>	Fitted:	<input type="text" value="No"/>	5g	10g	15g	25g	50g
Condition:	<input type="text" value="N/A"/>	Condition:	<input type="text" value="N/A"/>	X Axis	N/F	N/F	N/F	N/F
				Y Axis	N/F	N/F	N/F	N/F
				Z Axis	N/F	N/F	N/F	N/F

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INSTRUMENT VISUAL INSPECTION

CHECK LIST	REMARKS	RESULTS
Contents against shipping list	NO SHIPPING LIST SUPPLIED	See Remarks
Instrument label		Correct
Note status of external contamination		Acceptable
Degradation of paintwork or Coating?	LTS-PFM-400 (Photometer Light Baffle Cover) uncoated metal visible inside	See Remarks
Fasteners correctly locked?		N/A
Check protective covers are correctly labelled and fitted?		N/A
Additional Comments	The Light Baffle cover appears to have been machined inside, after being Alachromed and blackened and has left bare metal with some poor edges visible. This is not the Ideal condition. However after consultation with Eric Sawyer it is not considered to be serious enough to reject the Item and will not degrade its form fit or function. Use as is.	Incorrect

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INSPECTION OF ALL CONNECTORS

CHECK LIST	REMARKS (LIST CONNECTOR NUMBERS)	RESULTS
Pin Alignment		N/A
Damaged Sockets		N/A
Internal Debris		N/A
Connector Covers fitted		N/A
Connector Savers Fitted		N/A
EMC Covers Fitted		N/A
RED Tag Item / Green Tag Items fitted		N/A
Additional Comments	No connectors fitted to these Items	See remark

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DOCUMENTATION CHECK LIST

Check	REMARKS	RESULTS
End Item Data Pack	This is a redelivery therefore no EIDP supplied as it was delivered first time	No
Transportaion Documents		N/A for this inspection
Packing un- Packing instructions		N/A for this inspection
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 To be preformed at integration
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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		CHECKED N/A for this inspection
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EXTRA COMMENT SHEET

Items re-delivered

LTS PFM-100 OK

LTS-PFM-400 (Photometer Light Baffle) OK.

LTS-PFM-400 (Photometer Light Baffle Cover) See comments on External Visual Inspection Sheet