

SSTD Incoming Inspection Report

Spacecraft/Project **HERSCHEL / SPIRE**

Document Number **SPIRE-RAL-REP- 002544**

Issue **1**

Sub System **L0 Straps**

Date **16th November 2005**

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
Alan Pearce

DATE
16th November 2005

NAME
Eric Clark (PA)

DATE
16th November 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		N/A
Markings for destination and description		N/A
Warning labels relating to handling lifting and stacking limits		N/A
Any additional Comments	Hand delivered from UCF Two straps in plastic container the other Bagged in an open container	See Remarks

TRANSPORT CONTAINERS INTERNAL CONDITION	REMARKS	Status
Check Mounting fixtures fitted internal packaging		N/A
Internal padding / packaging required		N/A
Mounting provisions secure		Checked
Any additional Comments	No Environmental sensors fitted	See Remarks

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

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INSTRUMENT VISUAL INSPECTION

CHECK LIST	REMARKS	RESULTS
Contents against shipping list	No list provided but common knowledge that there are three L0 straps	See Remarks
Instrument label		N/A
Note status of external contamination		Acceptable
Degradation of paintwork or Coating?		Acceptable
Fasteners correctly locked?	Each strap is bolted and supported on purpose built frames	See Remarks
Check protective covers are correctly labelled and fitted?		N/A
Additional Comments	Each strap will be cleaned and vacuumed before integration	See Remarks

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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	See remark

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DOCUMENTATION CHECK LIST

Check	REMARKS	RESULTS
End Item Data Pack	A log book was delivered for each LO strap (See Extra comments sheet for List)	Yes
Transportaion Documents		No
Packing un- Packing instructions		No
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	Will be recorded in instrument Log	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	Will be recorded in instrument Log	CHECKED To be preformed at integration
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EXTRA COMMENT SHEET

Items Delivered

- 1 L0 Evaporator Strap
- 1 L0 Pump strap
- 1 L0 Detector Box Strap