

SSTD Incoming Inspection Report

Spacecraft/Project **HERSCHEL / SPIRE**

Document Number **SPIRE-RAL-REP- 002515**

Issue **1**

Sub System **HSDPU CFM**

Date **30tn September 2005**

Model

INCOMING INSPECTION REPORT

FROM
<p>IFSI Istituto di Fisica dello spazio Interplanetario, Rome, Italy</p>

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

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

Drawings / Documents Attached
Photos Attached

INSPECTION CONDUCTED BY

WITNESS BY

NAME
Eric Clark (PA)

DATE
30tn September 2005

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Eric Clark (PA)

DATE
30tn September 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		Checked
Any additional Comments	Item delivered to Ken King when presented for inspection item was in the metal case only	See Remarks

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		None

ENVIROMENTAL MONITORS																					
<p>Temp Monitors</p> <p>Fitted: <input type="text" value="No"/></p> <p>Condition: <input type="text"/></p>	<p>Humidity Monitors</p> <p>Fitted: <input type="text" value="Yes"/></p> <p>Condition: <input type="text" value="Satisfactory"/></p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr style="background-color: yellow;"> <th colspan="5" style="text-align: center; padding: 2px;">Shock Sensors Triggerd Information</th> </tr> <tr> <th style="width: 15%;"></th> <th style="width: 15%;">5g</th> <th style="width: 15%;">10g</th> <th style="width: 15%;">15g</th> <th style="width: 15%;">25g</th> <th style="width: 15%;">50g</th> </tr> </thead> <tbody> <tr> <td>X Axis</td> <td colspan="5" rowspan="3" style="text-align: center; vertical-align: middle;">Single shock detector fitted had tripped see Photo attached</td> </tr> <tr> <td>Y Axis</td> </tr> <tr> <td>Z Axis</td> </tr> </tbody> </table>	Shock Sensors Triggerd Information						5g	10g	15g	25g	50g	X Axis	Single shock detector fitted had tripped see Photo attached					Y Axis	Z Axis
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INSTRUMENT VISUAL INSPECTION

CHECK LIST	REMARKS	RESULTS
Contents against shipping list	No shipping List supplied when inspected	See Remarks
Instrument label		Acceptable
Note status of external contamination		Acceptable
Degradation of paintwork or Coating?		None
Fasteners correctly locked?		N/A
Check protective covers are correctly labelled and fitted?	None fitted	See Remarks
Additional Comments	This is a none flight unit no staking or covers fitted, holes left where connectors are missing see Photo's attached	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		None
Connector Savers Fitted		None
EMC Covers Fitted		None
RED Tag Item / Green Tag Items fitted		None
Additional Comments		None

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DOCUMENTATION CHECK LIST

Check	REMARKS	RESULTS
End Item Data Pack		No
Transportaion Documents		No
Packing un- Packing instructions		No
Additional Comments	No documentation supplied with unit when presented for inspection	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 N/A for this inspection
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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

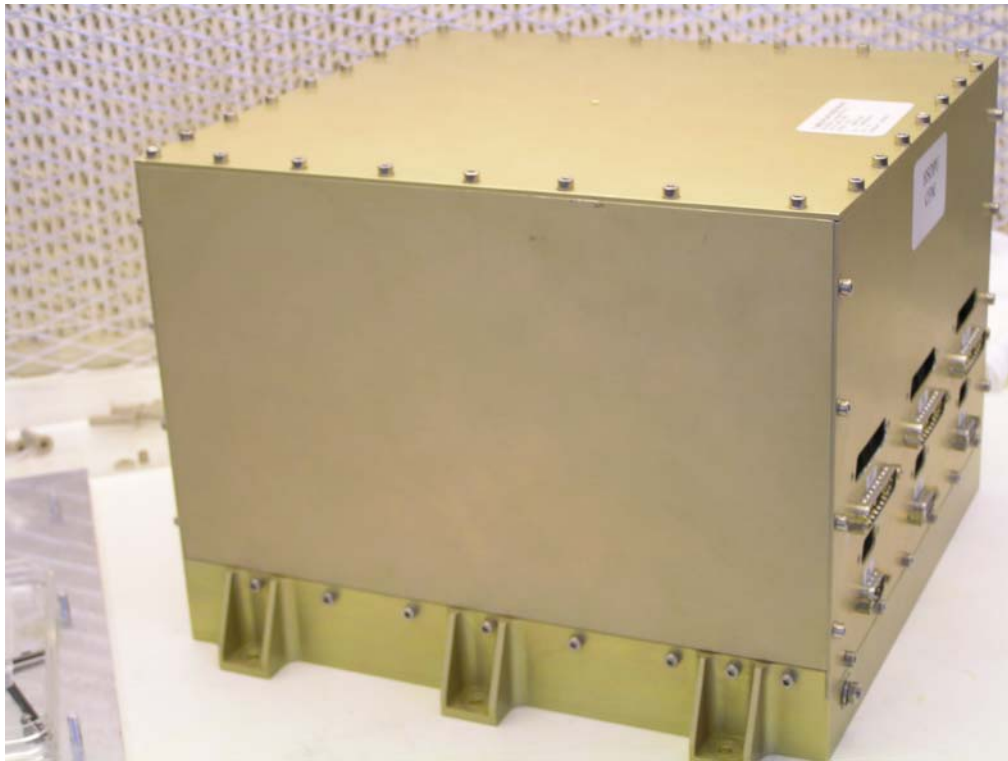
Shock Monitor Tripped



Humidity Monitor etc



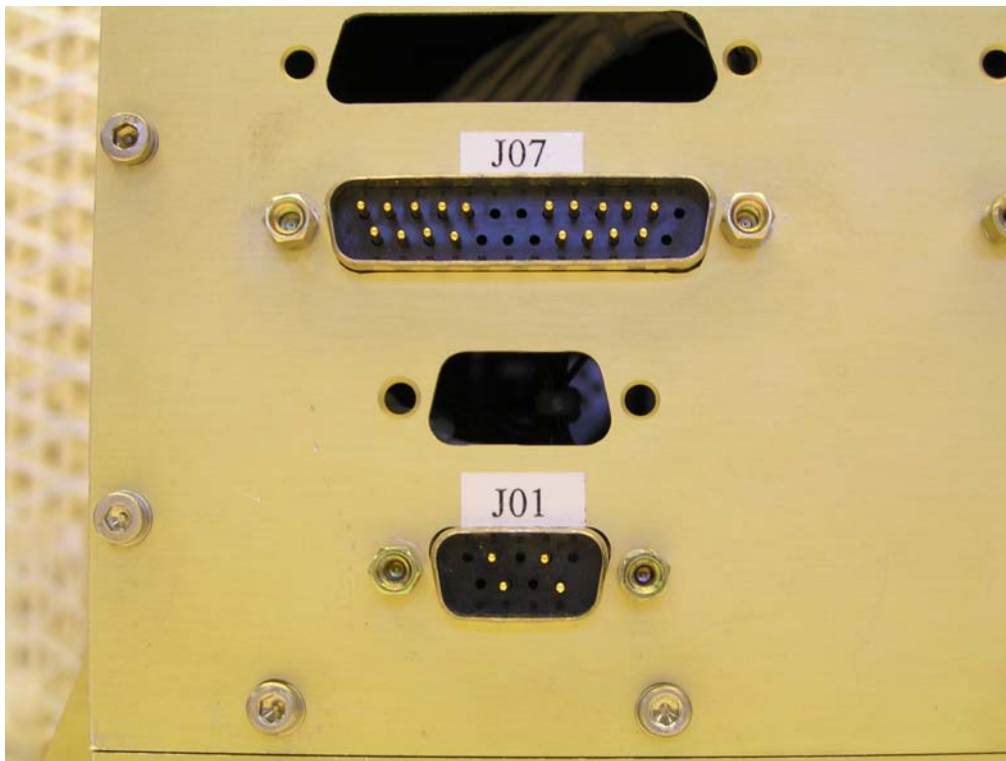
Side View



Opposite Side view



Left hand side View of Connectors



Central set of connectors



Right Hand set of Connectors



Back View

