

# SSTD Incoming Inspection Report

Spacecraft/Project    **HERSCHEL / SPIRE**

Document Number    **SPIRE-RAL-REP- 002148**

Issue    **1.0**

Sub System    **Beam Steering Mirror**

Date    **05-Oct-04**

Model    **FS & FM**

## INCOMING INSPECTION REPORT

FROM
ATC

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

Applicable sections	
Containers	YES
External Visual Inspection	YES
External Connector	YES
Documentation	YES
Verification of Interfaccs	NO
Extra Comments Sheets	NO

Drawings / Documents Attached

**INSPECTION CONDUCTED BY**

**WITNESS BY**

NAME
Phil _Par- Burman

DATE
05/10/2004

NAME
Eric Clark (PA)

DATE
05/10/2004

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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	Hand carried	N/A
Warning labels relating to handling lifting and stacking limits		N/A
Any additional Comments		N/A

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		N/A

ENVIROMENTAL MONITORS																									
Temperature	Not Fitted	Condition	N/A	<table border="1"> <thead> <tr> <th colspan="4" style="background-color: yellow;">Shock Sensors Triggerd Information</th> </tr> <tr> <th></th> <th>5g</th> <th>10g</th> <th>15g</th> </tr> </thead> <tbody> <tr> <td>X Axis</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Y Axis</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Z Axis</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>		Shock Sensors Triggerd Information					5g	10g	15g	X Axis				Y Axis				Z Axis			
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Humidity	Not Fitted	Condition	N/A																						

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## INSTRUMENT VISUAL INSPECTION

CHECK LIST	REMARKS	RESULTS
Contents against shipping list		<b>CORRECT</b>
Instrument label		<b>CORRECT</b>
Note status of external contamination		<b>ACCEPTABLE</b>
Degradation of paintwork or Coating?		<b>ACCEPTABLE</b>
Fasteners correctly locked?	Not Applicable	<b>SEE REMARKS</b>
Check protective covers are correctly labelled and fitted?		<b>N/A</b>
Additional Comments		<b>NONE</b>

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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	Prime & Redundent covers fitted to FS & FM Models	See remark
Connector Savers Fitted		N/A
EMC Covers Fitted		N/A
RED Tag Item / Green Tag Items fitted	Prime & Redundent covers will be emoved when integrating the to FS or FM Models	PASS
Additional Comments		N/A

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**DOCUMENTATION CHECK LIST**

Check	REMARKS	RESULTS
<b>End Item Data Pack</b>	DRB Held prior to inspection ref: SPIRE-RAL-MoM-002138	YES
<b>Transportaion Documents</b>		YES
<b>Packing un- Packing instructions</b>	In EIDP although these were unpacked by ATC	YES
<b>Additional Comments</b>		None

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## 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

**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

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<b>EXTRA COMMENT SHEET</b>
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