

SSTD Incoming Inspection Report

Spacecraft/Project **HERSCHEL / SPIRE**

Document Number **SPIRE-RAL-REP- 002377**

Issue **1**

Sub System **BDA Sn 12**

Date **7th March 2005**

Model **PFM**

INCOMING INSPECTION REPORT

| FROM |
|--------------------------------|
| JPL Los Angeles, USA |

| 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 | Yes |
| Documentation | Yes |
| Verification of Interfaces | No |
| Extra Comments Sheets | Yes |

| Drawings / Documents Attached |
|-------------------------------|
| Photo's |
| |
| |
| |
| |
| |

INSPECTION CONDUCTED BY

WITNESS BY

NAME

DATE

NAME

DATE

Eric Clark (PA)

7th March 2005

Scott from JPL

7th March 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 | The Item was delivered in a purpose built Transit container inside a large metal box, inside a Large cardboard box | 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 | | | | | | | | | |
|-----------------------|----------------------------------|--------------------------|----------------------------------|---|-----|------|-----|------|-----|
| Temp Monitors | | Humidity Monitors | | Shock Sensors Triggerd Information | | | | | |
| Fitted: | <input type="text" value="No"/> | Fitted: | <input type="text" value="No"/> | 5g | 10g | 15g | 20g | 50g | |
| Condition: | <input type="text" value="N/A"/> | Condition: | <input type="text" value="N/A"/> | X Axis | N/F | Both | N/F | Both | OK |
| | | | | Y Axis | N/F | Both | N/F | OK | OK |
| | | | | Z Axis | N/F | N/F | N/F | N/F | N/F |

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INSTRUMENT VISUAL INSPECTION

| CHECK LIST | REMARKS | RESULTS |
|--|---------|---------|
| Contents against shipping list | | Correct |
| Instrument label | | Correct |
| Note status of external contamination | | Correct |
| Degradation of paintwork or Coating? | | None |
| Fasteners correctly locked? | | Correct |
| Check protective covers are correctly labelled and fitted? | | Correct |
| Additional Comments | | |

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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 | | N/A |
| Connector Savers Fitted | | N/A |
| EMC Covers Fitted | | N/A |
| RED Tag Item / Green Tag Items fitted | | N/A |
| Additional Comments | | None |

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DOCUMENTATION CHECK LIST

| Check | REMARKS | RESULTS |
|----------------------------------|---------|---------|
| End Item Data Pack | | Yes |
| Transportaion Documents | | Yes |
| Packing un- Packing instructions | In EIDP | 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 | 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 | | CHECKED | To be preformed at integration |
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| EXTRA COMMENT SHEET |
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See Photo's attached all OK





