

# SSTD Incoming Inspection Report

Spacecraft/Project    **HERSCHEL / SPIRE**

Document Number    **SPIRE-RAL-REP- 002514**

Issue    **1**

Sub System    **PTC**

Date    **30tn September 2005**

Model    **FS**

## INCOMING INSPECTION REPORT

FROM
<b>JPL</b> 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	
Extra Comments Sheets	Yes

Drawings / Documents Attached
Photos Attached

**INSPECTION CONDUCTED BY**

**WITNESS BY**

**NAME**

**DATE**

**NAME**

**DATE**

Eric Clark (PA)

30tn September 2005

Eric Clark (PA)

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## CONTAINER INSPECTION

TRANSPORT CONTAINERS EXTERNAL CONDITION	REMARKS	Status
Mechanical damage to container fasteners, locks, clips or handling provisions		None
Security / Locking Fitted		Checked
Markings for destination and description		Checked
Warning labels relating to handling lifting and stacking limits		Checked
Any additional Comments		None

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									
<b>Temp Monitors</b>		<b>Humidity Monitors</b>		<b>Shock Sensors Triggerd Information</b>					
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	Both	N/F	OK	OK
				Y Axis	N/F	Both	N/F	OK	OK
				Z Axis	N/F	N/F	N/F	OK	OK

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## INSTRUMENT VISUAL INSPECTION

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

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**INSPECTION OF ALL CONNECTORS**

CHECK LIST	REMARKS (LIST CONNECTOR NUMBERS)	RESULTS
Pin Alignment		Pass
Damaged Sockets		None
Internal Debris		Pass
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		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).

<b>INSPECTION / TEST REPORT NUMBER</b>	<b>CHECKED</b> 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.

<b>INSPECTION / TEST REPORT NUMBER</b>	<b>CHECKED</b> N/A for this inspection
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EXTRA COMMENT SHEET
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**SPIRE-RAL-REP-002514 FS PTC IIR Photos**

**PTC Carton on pallet**



**PTC Carton showing Tip & Tell**



**SPIRE-RAL-REP-002514 FS PTC IIR Photos**

**Inner container showing Fastener locked**



**Final container**





**SPIRE-RAL-REP-002514 FS PTC IIR Photos**

**PTC in final container**



**10g Tripped.**

