

SSTD Incoming Inspection Report

Spacecraft/Project **HERSCHEL / SPIRE**

Document Number **SPIRE-RAL-REP- 002538**

Issue **1**

Sub System **CFM DPU & DRCU Simulator**

Date **10th November 2005**

Model **CFM**

INCOMING INSPECTION REPORT

FROM
<p>ALCATEL Alcatel Allenia Space Italia S.P.A. Via Saccomuro, 24 00131 Roma, Italy</p>

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

Applicable sections	
Containers	
External Visual Inspection	
External Connector	
Documentation	
Verification of Interfaces	
Extra Comments Sheets	

Drawings / Documents Attached	
Photo's	

INSPECTION CONDUCTED BY

WITNESS BY

NAME
Alan Pearce

DATE
10th November 2005

NAME
Eric Clark (PA)

DATE
10th 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		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		N/A
Any additional Comments	Shock Monitor Tripped (RED):	See Remarks

ENVIROMENTAL 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	DRCU Simulator, Monitor, Key board, CFM DPU and Cables returned	None
Instrument label		Correct
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?		N/A
Additional Comments	Shock Monitor Tripped (RED): Monitor Dusty, PC OK	

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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		Pass
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	Simulator & CFM EIDPs Returned with Unit	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	Previously Used so NA	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		CHECKED To be preformed at integration
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EXTRA COMMENT SHEET



