

SSTD Incoming Inspection Report

Spacecraft/Project **HERSCHEL / SPIRE**

Document Number **SPIRE-RAL-REP- 002957**

Issue **1**

Sub System **Dichroics**

Date **9th August 2007**

Model **FS**

INCOMING INSPECTION REPORT

FROM
UCF Department of Physics and Astronomy, University of Wales, Cardiff,

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 Interfaccs	No
Extra Comments Sheets	Yes

Drawings / Documents Attached
Photos Attached

INSPECTION CONDUCTED BY

NAME
Eric Clark (PA)

DATE
9th August 2007

WITNESS BY

NAME
Eric Clark (PA)

DATE
9th August 2007

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CONTAINER INSPECTION

TRANSPORT CONTAINERS EXTERNAL CONDITION	REMARKS	Status
Mechanical damage to container fasteners, locks, clips or handling provisions		N/A
Security / Locking Fitted		N/A
Markings for destination and description		N/A
Warning labels relating to handling lifting and stacking limits		N/A
Any additional Comments	These items were part of a delivery Hand Carried by Pete Hargreaves. Each item was double Bagged and the bag Labeled	See Remarks

TRANSPORT CONTAINERS INTERNAL CONDITION	REMARKS	Status
Check Mounting fixtures fitted internal packaging		N/A
Internal padding / packaging required		Checked
Mounting provisions secure		N/A
Any additional Comments	No Environmental Monitors fitted also See Additional remarks above	See Remarks

ENVIORNMENTAL MONITORS					
<u>Temp Monitors</u>		<u>Humidity Monitors</u>		<u>Shock Sensors Triggerd Information</u>	
Fitted:	<input type="text" value="No"/>	Fitted:	<input type="text" value="No"/>	5g	10g
Condition:	<input type="text" value="N/A"/>	Condition:	<input type="text" value="N/A"/>	15g	25g
				50g	
				X Axis	
				Y Axis	
				Z Axis	

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INSTRUMENT VISUAL INSPECTION

CHECK LIST	REMARKS	RESULTS
Contents against shipping list		N/A
Instrument label	Scratched on metal outer ring on top side of PDIC 1 & 2	Correct
Note status of external contamination	Circular stain about 1cm dia on underside & Several spot Stains on top side of PDIC1 Circular stain about 0.5cm dia on underside & Several spot Stains on top side of PDIC2	See Remarks
Degradation of paintwork or Coating?		Correct
Fasteners correctly locked?		N/A
Check protective covers are correctly labelled and fitted?		N/A
Additional Comments	Unable to photograph stains due to reflections in the surface	See Remarks

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INSPECTION OF ALL CONNECTORS

CHECK LIST	REMARKS (LIST CONNECTOR NUMBERS)	RESULTS
Pin Alignment		N/A
Damaged Sockets		N/A
Internal Debris		N/A
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	No Electronics or connectors on this ITEM	See remark

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DOCUMENTATION CHECK LIST

Check	REMARKS	RESULTS
End Item Data Pack		No
Transportaion Documents	Delivered by Hand	No
Packing un- Packing instructions	In the PFM EIDP	Yes
Additional Comments		None

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

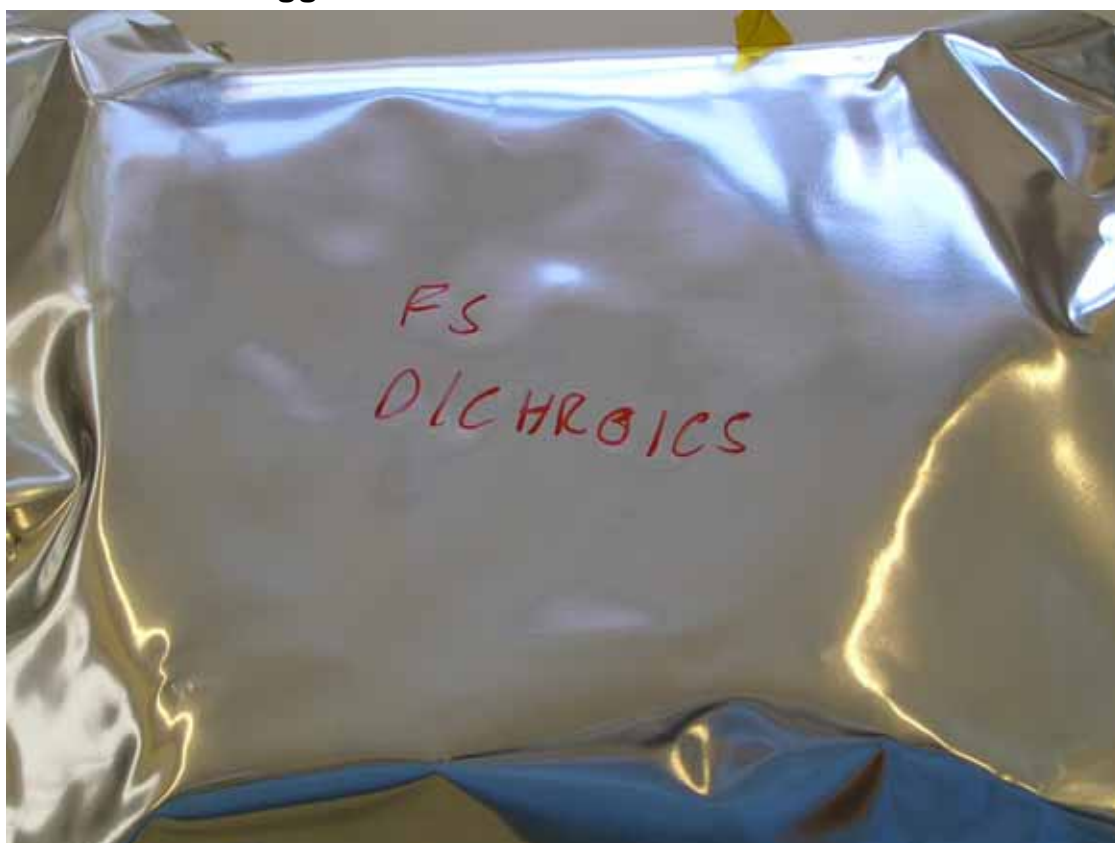
Dichroics			
Type	Number	S/N	Comments
PDIC	1	1486	Circular stain about 1cm dia on underside & Several spot Stainson top side of PDIC1
PDIC	2	1469	Circular stain about 0.5cm dia on underside & Several spot Stainson top side of PDIC2
Note Unable to photograph Stains etc due to the reflective qualities of the Dichroics.			

SPIRE-RAL-REP-002957 Dichroics Photos

Delivery Box



Dichroics Double Bagged



SPIRE-RAL-REP-002957 Dichroics Photos

PDIC 1 in storage Container



PDIC 2 in storage Container

