

# SSTD Incoming Inspection Report

Spacecraft/Project    **HERSCHEL / SPIRE**

Document Number    **SPIRE-RAL-REP- 002530**

Issue    **1**

Sub System    **SSW & SLW Lens A/R Upgrades**

Date    **28-Oct-05**

Model    **PFM**

## INCOMING INSPECTION REPORT

FROM
<b>UCF</b> 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	
External Visual Inspection	
External Connector	
Documentation	
Verification of Interfaces	
Extra Comments Sheets	

Drawings / Documents Attached	
Photo's	

**INSPECTION CONDUCTED BY**

**WITNESS BY**

NAME
Eric Clark (PA)

DATE
28/10/2005

NAME
Supplier

DATE
28/10/2005

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## CONTAINER INSPECTION

TRANSPORT CONTAINERS EXTERNAL CONDITION	REMARKS	Status
Mechanical damage to container fasteners, locks, clips or handling provisions	Supplied in plastic bags, hand carried	See Remarks
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	Hand Delivered, Unpacked, amd remounted into SSW & SLW Filter assy by Pete Hargrave	See Remarks

TRANSPORT CONTAINERS INTERNAL CONDITION	REMARKS	Status
Check Mounting fixtures fitted internal packaging		Checked
Internal padding / packaging required		N/A
Mounting provisions secure		N/A
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
Condition:	<input type="text" value="N/A"/>	Condition:	<input type="text" value="N/A"/>	15g	25g
				50g	
				N/F	

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## INSTRUMENT VISUAL INSPECTION

CHECK LIST	REMARKS	RESULTS
Contents against shipping list	Hand delivered by Supplier	N/A
Instrument label		Acceptable
Note status of external contamination	Both the SLW and SSW lens were "Air Blown" Clean prior to replacing old Lenses.	See Remarks
Degradation of paintwork or Coating?		Acceptable
Fasteners correctly locked?		N/A
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		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 Electronic parts. BUT Full RSD precautions were performed to prevent static build up on lens that would attract debris	See remark

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## DOCUMENTATION CHECK LIST

Check	REMARKS	RESULTS
End Item Data Pack	Paperwork to follow	No
Transportaion Documents	Delivered by Hand	No
Packing un- Packing instructions	Unpacked by UCF personnel	No
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>	Integrated into Filter assy by P Hargrave	<b>CHECKED</b>	No
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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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## SLW & SSW Lens Replacements-A/R upgrade

SLW PFM Lens	Integrated OK
SSW PFM Lens	Integrated OK







