

# SSTD Incoming Inspection Report

Spacecraft/Project    HERSCHEL / SPIRE

Document Number    SPIRE-RAL-REP- 002527

Issue    1

Sub System    Dichroics

Date    20-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	Yes
External Visual Inspection	Yes
External Connector	No
Documentation	Yes
Verification of Interfaces	No
Extra Comments Sheets	No

Drawings / Documents Attached
Photo's

**INSPECTION CONDUCTED BY**

**WITNESS BY**

NAME
Alan Pearce

DATE
20/10/2005

NAME
Supplier

DATE
20/10/2005

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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		Checked
Markings for destination and description	Hand delivered	None
Warning labels relating to handling lifting and stacking limits		None
Any additional Comments	delivered by hand	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		

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	
				None Fitted	

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**INSTRUMENT VISUAL INSPECTION**

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

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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		

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<b>Sub System</b>	Dichroics	<b>Date</b>	20-Oct-05	<b>Model</b>	PFM

## DOCUMENTATION CHECK LIST

Check	REMARKS	RESULTS
End Item Data Pack	To be delivered	No
Transportaion Documents	Item delivered by Hand	No
Packing un- Packing instructions	Unpacked with the help and supervision of the supplier representative.	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>	<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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Issue	1
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Sub System	Dichroics
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Date	20-Oct-05
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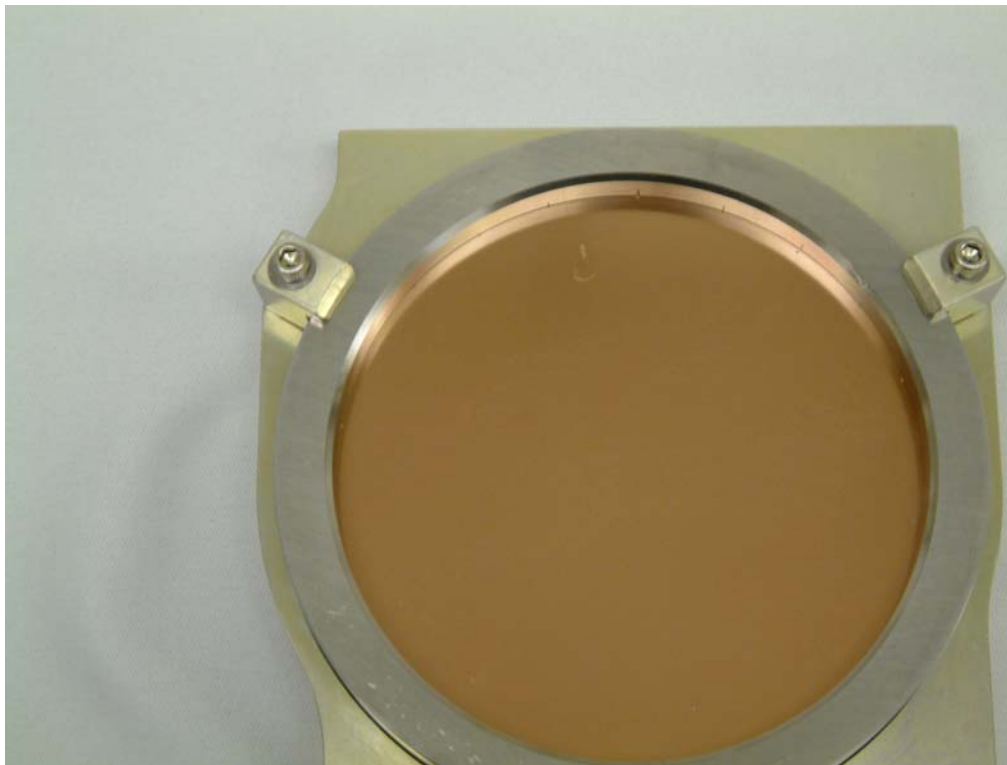
Model	PFM
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<b>EXTRA COMMENT SHEET</b>
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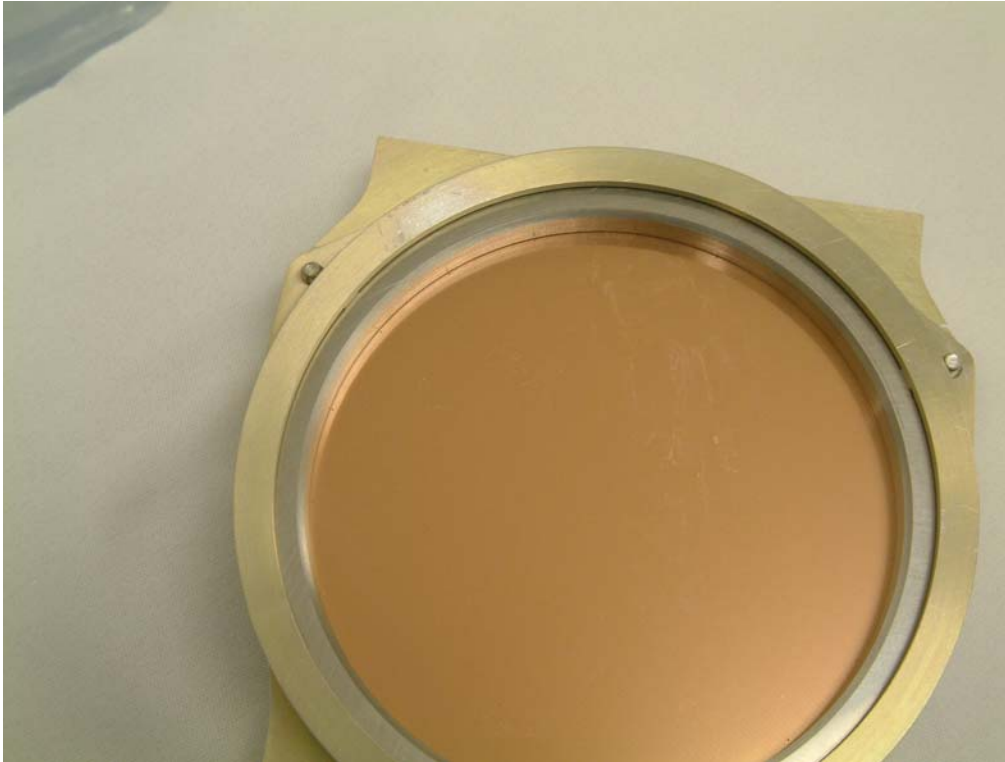
FILTER -PFM-310 in Transit Box



FILTER -PFM-310 Photo 2



FILTER –PFM-310 Photo 3

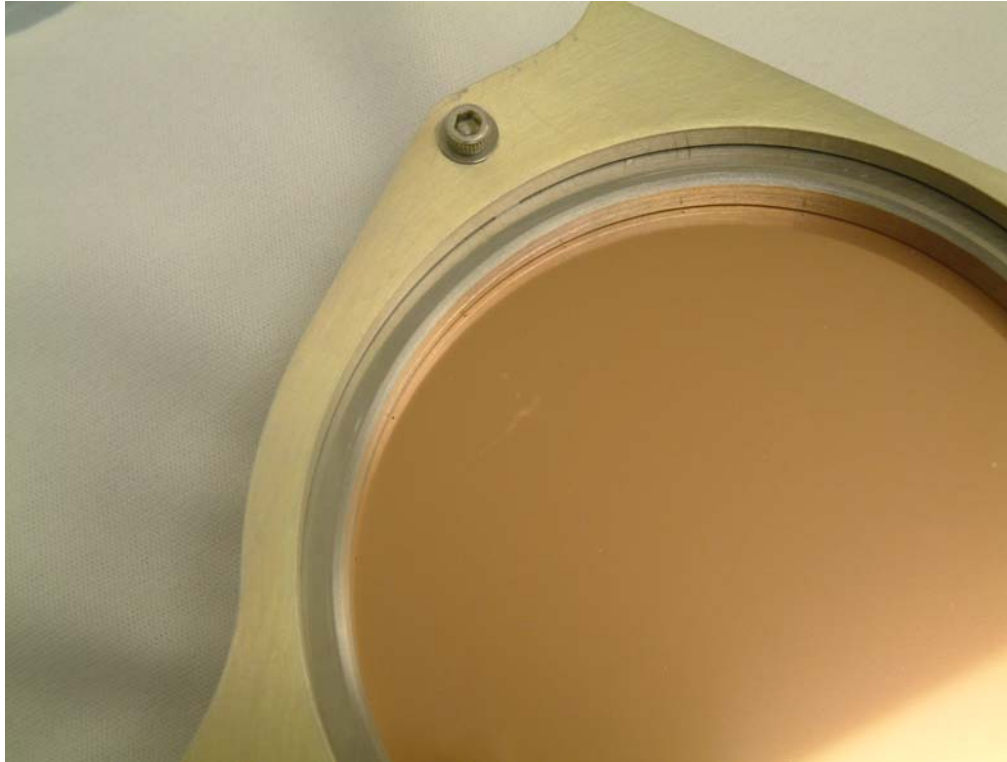


FILTER –PFM-310 Photo 4

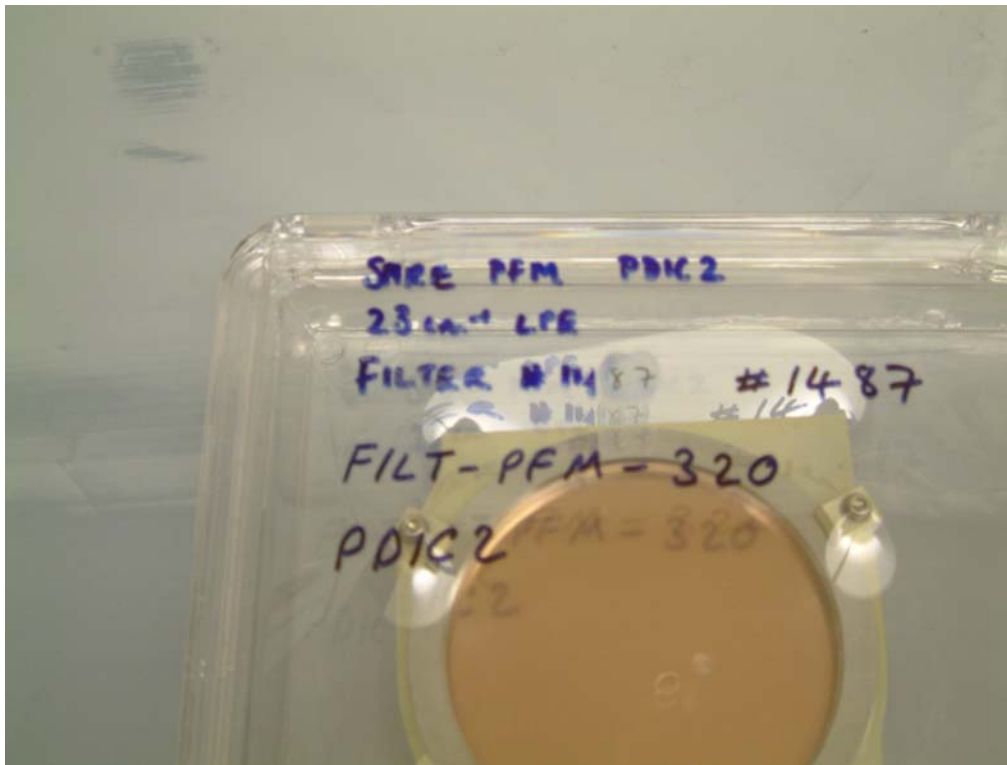




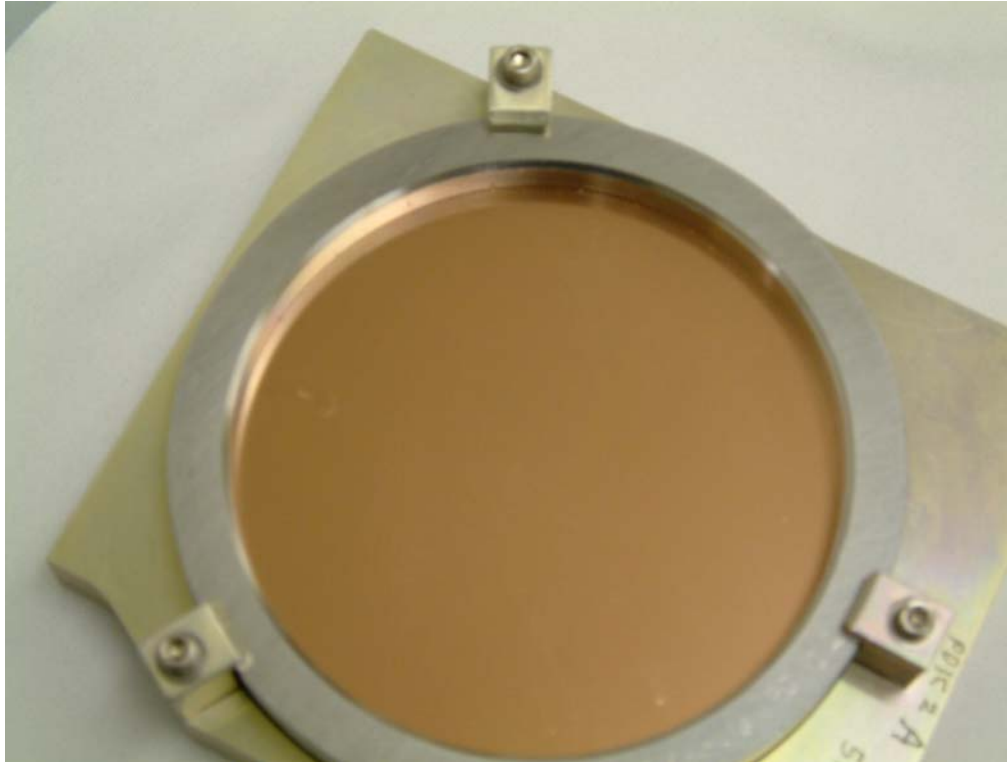
FILTER -PFM-310 Photo 5



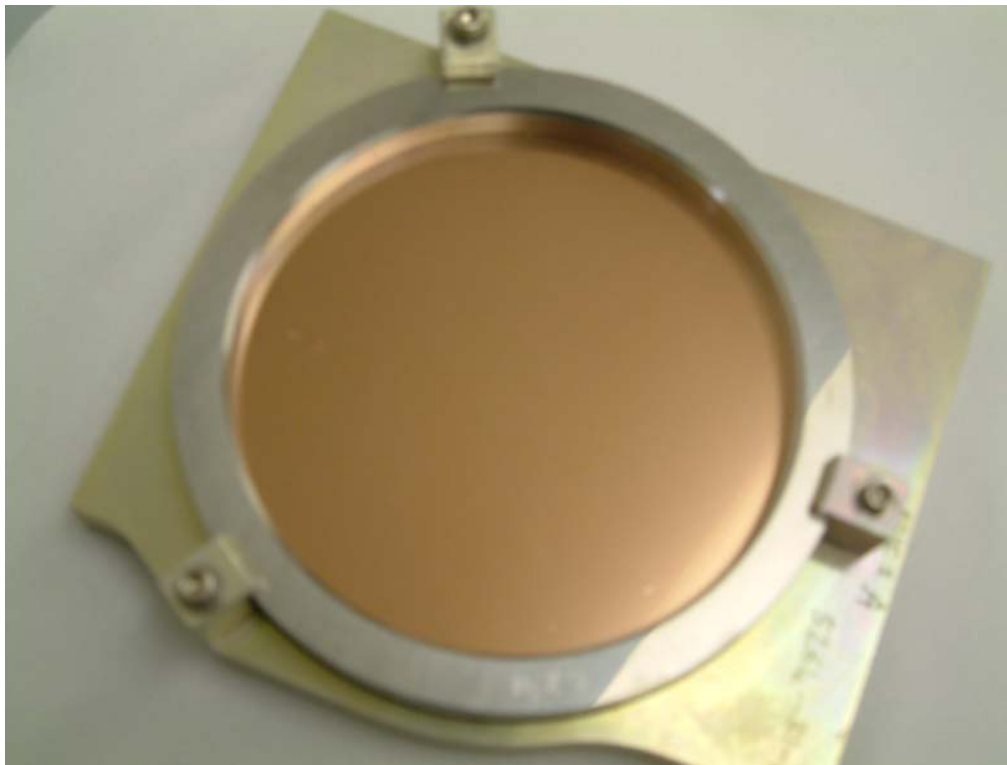
FILTER -PFM-320 in Transit Box



FILTER –PFM-320 Photo 2



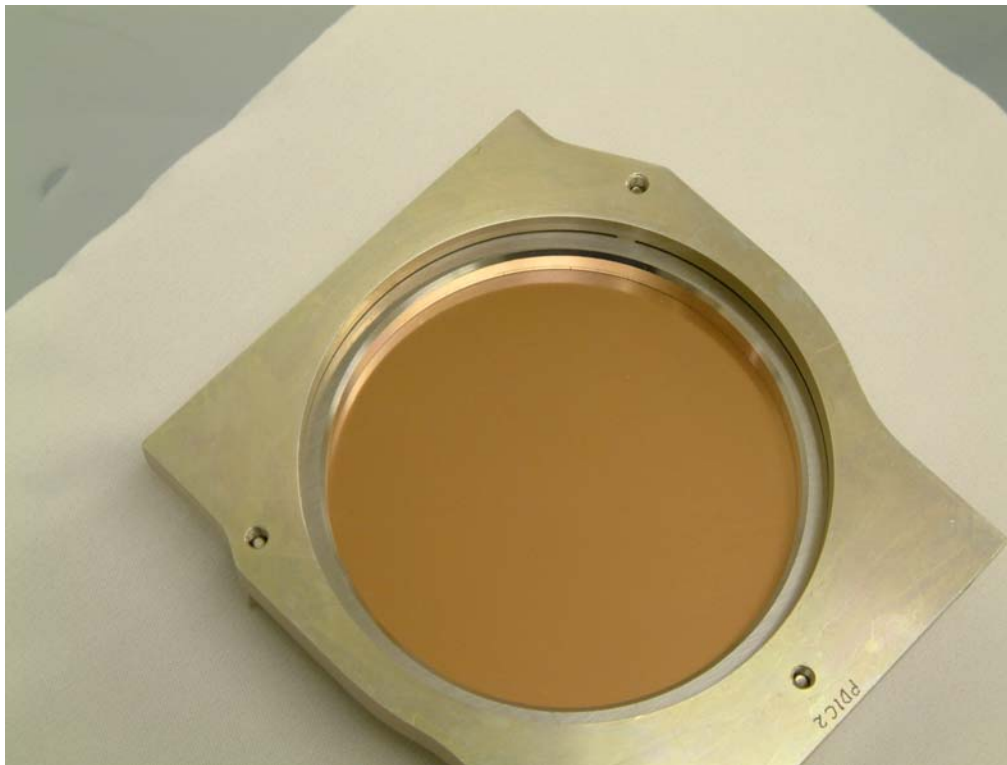
FILTER –PFM-320 Photo 3



FILTER –PFM-320 Photo 4



FILTER –PFM-320 Photo 5



FILTER –PFM-320 Photo 6

