

Herschel/SPIRE

MULLARD SPACE SCIENCE LABORATORY
UNIVERSITY COLLEGE LONDON

Author: A Dibbens

DELIVERABLE ITEM LIST FOR PFM

Document Number: MSSL/SPIRE/PA013.01 12 July 2004

Distribution:

Spire Project Office	B Winter	<input type="checkbox"/>
ESA PX	A Heske	<input type="checkbox"/>
	J Bruston	<input type="checkbox"/>
	J Rautakoski	<input type="checkbox"/>
	H Planck	<input type="checkbox"/>
RAL	B Swinyard	<input type="checkbox"/>
	K King	<input type="checkbox"/>
	J Delderfield	<input type="checkbox"/>
	J Long (Project Office)	<input type="checkbox"/>
Mullard Space Science Laboratory	A Smith	<input type="checkbox"/>
	J Coker	<input type="checkbox"/>
	C Brockley-Blatt	<input type="checkbox"/>
	A Dibbens	<input type="checkbox"/>
ATC	C Cunningham	<input type="checkbox"/>
	I Pain	<input type="checkbox"/>
	T Paul	<input type="checkbox"/>
Cardiff	M Griffin	<input type="checkbox"/>
	P Hargrave	<input type="checkbox"/>
JPL	J Bock	<input type="checkbox"/>
	J Lilienthal	<input type="checkbox"/>
CEA	L Duband	<input type="checkbox"/>

Author:  Date: 12 Jul 04
 Checked:  Date: 12 July 04
 Approved: _____ Date: _____

Herschel/SPIRE

MULLARD SPACE SCIENCE LABORATORY
 UNIVERSITY COLLEGE LONDON

Author: A Dibbens

DELIVERABLE ITEM LIST FOR PFM

Document Number: MSSL/SPIRE/PA013.01 12 July 2004

Distribution:

Spire Project Office	B Winter	<input type="checkbox"/>
ESA PX	A Heske	<input type="checkbox"/>
	J Bruston	<input type="checkbox"/>
	J Rautakoski	<input type="checkbox"/>
	H Planck	<input type="checkbox"/>
RAL	B Swinyard	<input type="checkbox"/>
	K King	<input type="checkbox"/>
	J Delderfield	<input type="checkbox"/>
	J Long (Project Office)	<input type="checkbox"/>
Mullard Space Science Laboratory	A Smith	<input type="checkbox"/>
	J Coker	<input type="checkbox"/>
	C Brockley-Blatt	<input type="checkbox"/>
	A Dibbens	<input type="checkbox"/>
ATC	C Cunningham	<input type="checkbox"/>
	I Pain	<input type="checkbox"/>
	T Paul	<input type="checkbox"/>
Cardiff	M Griffin	<input type="checkbox"/>
	P Hargrave	<input type="checkbox"/>
JPL	J Bock	<input type="checkbox"/>
	J Lilienthal	<input type="checkbox"/>
CEA	L Duband	<input type="checkbox"/>

Author: _____ Date: _____

Checked: _____ Date: _____

Approved: _____ Date: _____

1. INTRODUCTION

This document identifies all the deliverable items to RAL for the PFM.

2. DELIVERED ITEMS

Wednesday 27 March 2003			QTY
Photometer Cover wall Assembly			
	Photometer Cover Wall	5264-302-6	1
	Photometer cover lid	5264-302-10	1
	Photometer Seals- top and bottom	5264-302-7 5264-302-8	1 1
Spectrometer Cover wall			
	Spectrometer Cover Wall	5264-303-1(2 sheets)	1
	Spectrometer Cover Lid	5264-303-2	1
	Spectrometer seals top	5264-303-4	1
	Spectrometer seals bottom	5264-303-5	1
Optical Bench Panel	Optical bench panel	5264-302-4	1
Tuesday 5 April 2003			
Photometer Cover wall Assembly			
	Photometer insert	5264-302-9	1
	H sections for PFIL 2	5264-302-13	2
	H section for CFIL 1	5264-302-16	1
Spectrometer Cover wall			
	Spectrometer Baffle	5264-303-3	1
	Spectrometer baffle SM12	5264-303-6	1
	SM9B/SBS1 Baffle	A2/5264/305-29	1
	SM9A/SBS1 Baffle	A2/5264/305-30	1
	Lid Washers		
FPU Supports			
	A Frames	5264-302-1	2
	Fixed Mount Cone	5264-302-5	1
	A Frame Support Plates and brackets (both sides)	5264-302-14 5264-302-15 5264-302-26	1 2 1
	Insulating Bush	5264-302-2	24
	Special Washer	5264-302-3	12
	Dowel retaining Plate	5264-302-39	2
	Tubular Dowels (8mm)	5264-302-40	4
	Dowel - 'A' Frame support	5264-302-41	4
	Dowel - 'A' Frame Top	5264-302-42	2
	Special Washer - A Frame Brackets	5264-302-43	8

Photometer Detector Box

Photometer detector box	5264-306-1	1
	5264-306-2	1
	5264-306-3	1
BDA Adapter Plate	5264-911	3
Dichroic rings	5264-310-1	1
	5264-310-2	1
	5264-310-3	8
	5264-311-1	1
	5264-311-2	3
Detector Box support		
Cone	5264-312	1
Photometer Detector		
Box A frames supports(2		
per set)	5234-313	2
Washer	5264-313-1	17
Bushes	5264-313-2	2

Spectrometer Detector Box

Spectrometer detector		
box	5264-307-1	1
Filter mount	5264-307-2	1
Spectrometer Detector		
Box supports(3 per set)	5264-307-4	3
BDA Adapter Plate	5264-911	2
Bushes	5264-307-5	3

SCAL Box

Scal Box	5264-314-1	1
SCAI Cover	5264-314-2	1
SCAL Exit Baffle Ring	5264-314-3	1
SCAL Baffle Clamp	5264-314-4	3

Mirrors Mounts

Secondary optical Bench	5264-305-12	1
Support PM6	5264-305-13	1
PM6 Support Spare	5264-305-19	1
Support PM8	5264-305-14	1
PM10 Support	5264-305-17	1
Support SM6	5264-305-2	1
sm6 Support Spare	5264-305-18	1
Support SM7	5264-305-3	1
Bulkhead SM6 and SM7	5264-305-15	1
Support SM8a	5264-305-4	1
Support SM9-10a	5264-305-6	1
Support SM9-10b	5264-305-7	1
Support SM11a	5264-305-8	1
Support SM11b	5264-305-9	1
Support SM12a	5264-305-10	1
Support SM12b	5264-305-11	1

Other Optics

SFIL2 Cold Stop	5264-305-22	1
Photometer Cold Stop		
Clamp PFIL3	5264-306-4	1
Photometer Cold Stop		
PFIL3	5264-306-5	1
CFIL1 Baffle Mount	5264-304-6	1
CFIL1 Baffle Clamp		
Ring	5264-304-7	1
PFIL2 Mount Back Plate	5264-302-12	1
PFIL2 Mount CLamp		
plate	5264-302-17	1
Filter Mounts - SFIL2	5264-305-20	1
Filter Mount - SFIL2		
clamp ring	5264-305-21	1
SFIL2 dowels	5264-305-27	2
SBS 1 and 2 Filter mount		
(2 per set)	5264-305-23	2
SBS 1 and 2 Filter Clamp	5264-305-24	2
Clamp Plate SFIL -3	5264-307-3	2

Others

RFI Filter Bracket		
Corner Bracket	A2/5264/302-27	1
Tempory RFI Bracket	A2/5264/302-28	1
FRI Filter Frame Edge		
Bracket	A2/5264/302-29	1

Thermal Busbar

Bus Bar Upper	5264-306-7	1
Busbar Lower	5264-306-8	1
BDA-Busbar Flange	5264-306-9	2
Bus Connector PLW	5264-306-10	1
Bus Junction ans PMW		
Connector	5264-306-11	1
Bus Junction Clamp		
Plate	5264-306-12	1
Light Trap to Bus		
Junction	5264-306-13	1
Bus Connector PSW	5264-306-14	1
BDA-Busbar Flange	5264-306-15	1
PLW Bus Strap	5264-306-16	1
PMW Bus Strap	5264-306-17	1
PSW Bus Strap	5264-306-18	1
End stop Photometer		
Light Trap	5264-306-19	1
Light Trap Feed		
Through - Photometer	5264-306-20	1

Stop Bush -Bus Bar Mountings	5264-306-21	1
Light Trap Feedthrough spect.	5264-307-6	1
Light Baffle Junction	5264-307-7	1
SSW Spect. BDA to light trap strap	5264-307-8	1
SLW Spect. BDA to Light Trap Strap	5264-307-9	1
BDA Cold Interface Spectrometer	5264-307-10	2
Bush inner Spectrometer light trap	5264-307-11	2
Bush outer Spectrometer light trap	5264-307-12	2
Cold Strap Support	5264-307-13	1
Plus fasteners, Belleville washers and helicoils		
	TOTAL	201