



1. Scope and document use

This document (A) reports the results of the outgoing and incoming inspections and (A) summarises the number of mate/de-mate cycles for the:

1. SPIRE interface connectors to the spacecraft, as well as
2. connectors mating to the WIH harnesses

The number of mate/de-mate cycles recorded in the tables is a summary of the number of cycles when the connector savers are removed from the instrument to prepare it for delivery to ESA. Any mate/de-mate operations after this document has been issued (i.e. during integration activities on the spacecraft) are to be recorded in Copy 1 of the paper EIDP by writing the date of the operation.

2. Table of Contents

1. Scope and document use	1
2. Table of Contents	1
3. Connector Delivery Inspection Record	4
4. DPU	7
DPU J02	7
DPU J03	7
DPU J04	8
DPU J05	8
DPU J06	8
DPU J08	9
DPU J09	9
DPU J10	10
DPU J11	10
DPU J12	10
5. DCU	11
DCU J01	11
DCU J02	11
DCU J03	11
DCU J04	12
DCU J05	12
DCU J06	12
DCU J07	13
DCU J08	13
DCU J09	13
DCU J10	14
DCU J11	14
DCU J12	14
DCU J13	15
DCU J14	15
DCU J15	15
DCU J16	16



SPIRE Technical Report

Ref: SPIRE-RAL-REP-000864

Issue: 1.0

Date: 06 March 2007

Page: 2 of 45

SPIRE PFM Connector Mating Summary and Log
Doug Griffin

DCU J17	16
DCU J18	16
DCU J20	17
DCU J21	17
DCU J22	18
DCU J23	18
DCU J25	19
DCU J26	19
DCU J27	19
DCU J28	20
DCU J29	20
DCU J30	20
DCU J31	21
DCU J32	21
6. FCU	21
FCU J01	21
FCU J02	22
FCU J03	22
FCU J04	22
FCU J05	23
FCU J06	23
FCU J07	23
FCU J08	24
FCU J11	24
FCU J12	24
FCU J13	25
FCU J14	25
FCU J17	25
FCU J18	26
FCU J19	26
FCU J20	26
FCU J21	27
FCU J22	27
FCU J23	27
FCU J24	28
FCU J25	28
FCU J26	28
7. JFP	29
JFP J01	29
JFP J02	29
JFP J03	29
JFP J04	30
JFP J05	30
JFP J06	30
JFP J07	31
JFP J08	31
JFP J17	34
JFP J18	34



SPIRE Technical Report

Ref: SPIRE-RAL-REP-000864

Issue: 1.0

Date: 06 March 2007

Page: 3 of 45

SPIRE PFM Connector Mating Summary and Log
Doug Griffin

JFP J19	35
JFP J20	35
JFP J21	35
JFP J22	36
JFP J23	36
JFP J24	36
JFP J25	37
JFP J26	37
JFP J27	37
JFP J28	38
8. JFS.....	39
JFS J01	39
JFS J02	39
JFS J03	39
JFS J04	40
JFS J05	40
JFS J06	40
JFS J07	41
JFS J10	41
9. FPU.....	42
FPU J20	42
FPU J21	42
FPU J22	43
FPU J23	43
FPU J25	44
FPU J26	44
FPU J27	44
FPU J28	45
FPU J29	45
FPU J30	45



SPIRE Technical Report

Ref: SPIRE-RAL-REP-000864

Issue: 1.0

Date: 06 March 2007

Page: 4 of 45

SPIRE PFM Connector Mating Summary and Log
Doug Griffin

3. Connector Delivery Inspection Record

Connector ID:	Outgoing Inspection		Incoming Inspection	
	Date	Comment	Date	Comment
DCU J01				
DCU J02				
DCU J03				
DCU J04				
DCU J05				
DCU J06				
DCU J07				
DCU J08				
DCU J09				
DCU J10				
DCU J11				
DCU J12				
DCU J13				
DCU J14				
DCU J15				
DCU J16				
DCU J17				
DCU J18				
DCU J19				
DCU J20				
DCU J21				
DCU J22				
DCU J23				
DCU J24				
DCU J25				
DCU J26				
DCU J27				
DCU J28				
DCU J29				
DCU J30				
DCU J31				
DCU J32				
DPU J01				
DPU J02				
DPU J03				
DPU J04				
DPU J05				
DPU J06				



SPIRE Technical Report

Ref: SPIRE-RAL-REP-000864

Issue: 1.0

Date: 06 March 2007

Page: 5 of 45

SPIRE PFM Connector Mating Summary and Log
Doug Griffin

Connector ID:	Outgoing Inspection		Incoming Inspection	
	Date	Comment	Date	Comment
DPU J07				
DPU J08				
DPU J09				
DPU J10				
DPU J11				
DPU J12				
FCU J01				
FCU J02				
FCU J03				
FCU J04				
FCU J05				
FCU J06				
FCU J07				
FCU J08				
FCU J09				
FCU J10				
FCU J11				
FCU J12				
FCU J13				
FCU J14				
FCU J15				
FCU J16				
FCU J17				
FCU J18				
FCU J19				
FCU J20				
FCU J21				
FCU J22				
FCU J23				
FCU J24				
FCU J25				
FCU J26				
FPU J19				
FPU J20				
FPU J21				
FPU J22				
FPU J23				
FPU J24				
FPU J25				
FPU J26				
FPU J27				
FPU J28				



SPIRE Technical Report

Ref: SPIRE-RAL-REP-000864

Issue: 1.0

Date: 06 March 2007

Page: 6 of 45

SPIRE PFM Connector Mating Summary and Log
Doug Griffin

Connector ID:	Outgoing Inspection		Incoming Inspection	
	Date	Comment	Date	Comment
FPU J29				
FPU J30				
JFP J01				
JFP J02				
JFP J03				
JFP J04				
JFP J05				
JFP J06				
JFP J07				
JFP J08				
JFP J09				
JFP J10				
JFP J11				
JFP J12				
JFP J13				
JFP J14				
JFP J15				
JFP J16				
JFP J17				
JFP J18				
JFP J19				
JFP J20				
JFP J21				
JFP J22				
JFP J23				
JFP J24				
JFP J25				
JFP J26				
JFP J27				
JFP J28				
JFS J01				
JFS J02				
JFS J03				
JFS J04				
JFS J05				
JFS J06				
JFS J07				
JFS J09				
JFS J10				



SPIRE Technical Report

Ref: SPIRE-RAL-REP-000864

Issue: 1.0

Date: 06 March 2007

Page: 7 of 45

SPIRE PFM Connector Mating Summary and Log
Doug Griffin

4. DPU

Connector ID:	DPU J01
Cycles to date:	3

	Mate operation	De-mate operation
Cycle: 4		
Cycle: 5		
Cycle: 6		
Cycle: 7		
Cycle: 8		

Connector ID:	DPU J02
Cycles to date:	3

	Mate operation	De-mate operation
Cycle: 4		
Cycle: 5		
Cycle: 6		
Cycle: 7		
Cycle: 8		

Connector ID:	DPU J03
Cycles to date:	3

	Mate operation	De-mate operation
Cycle: 4		
Cycle: 5		
Cycle: 6		
Cycle: 7		
Cycle: 8		



SPIRE Technical Report

Ref: SPIRE-RAL-REP-000864

Issue: 1.0

Date: 06 March 2007

Page: 8 of 45

SPIRE PFM Connector Mating Summary and Log
Doug Griffin

Connector ID:	DPU J04
Cycles to date:	3

	Mate operation	De-mate operation
Cycle: 4		
Cycle: 5		
Cycle: 6		
Cycle: 7		
Cycle: 8		

Connector ID:	DPU J05
Cycles to date:	3

	Mate operation	De-mate operation
Cycle: 4		
Cycle: 5		
Cycle: 6		
Cycle: 7		
Cycle: 8		

Connector ID:	DPU J06
Cycles to date:	3

	Mate operation	De-mate operation
Cycle: 4		
Cycle: 5		
Cycle: 6		
Cycle: 7		
Cycle: 8		



SPIRE Technical Report

Ref: SPIRE-RAL-REP-000864

Issue: 1.0

Date: 06 March 2007

Page: 9 of 45

SPIRE PFM Connector Mating Summary and Log
Doug Griffin

Connector ID:	DPU J07
Cycles to date:	3

	Mate operation	De-mate operation
Cycle: 4		
Cycle: 5		
Cycle: 6		
Cycle: 7		
Cycle: 8		

Connector ID:	DPU J08
Cycles to date:	3

	Mate operation	De-mate operation
Cycle: 4		
Cycle: 5		
Cycle: 6		
Cycle: 7		
Cycle: 8		

Connector ID:	DPU J09
Cycles to date:	3

	Mate operation	De-mate operation
Cycle: 4		
Cycle: 5		
Cycle: 6		
Cycle: 7		
Cycle: 8		



SPIRE Technical Report

Ref: SPIRE-RAL-REP-000864

Issue: 1.0

Date: 06 March 2007

Page: 10 of 45

SPIRE PFM Connector Mating Summary and Log
Doug Griffin

Connector ID:	DPU J10
Cycles to date:	3

	Mate operation	De-mate operation
Cycle: 4		
Cycle: 5		
Cycle: 6		
Cycle: 7		
Cycle: 8		

Connector ID:	DPU J11
Cycles to date:	3

	Mate operation	De-mate operation
Cycle: 4		
Cycle: 5		
Cycle: 6		
Cycle: 7		
Cycle: 8		

Connector ID:	DPU J12
Cycles to date:	3

	Mate operation	De-mate operation
Cycle: 4		
Cycle: 5		
Cycle: 6		
Cycle: 7		
Cycle: 8		



5. DCU

Connector ID:	DCU J01
Cycles to date:	3

	Mate operation	De-mate operation
Cycle: 4		
Cycle: 5		
Cycle: 6		
Cycle: 7		
Cycle: 8		

Connector ID:	DCU J02
Cycles to date:	3

	Mate operation	De-mate operation
Cycle: 4		
Cycle: 5		
Cycle: 6		
Cycle: 7		
Cycle: 8		

Connector ID:	DCU J03
Cycles to date:	3

	Mate operation	De-mate operation
Cycle: 4		
Cycle: 5		
Cycle: 6		
Cycle: 7		
Cycle: 8		



SPIRE Technical Report

Ref: SPIRE-RAL-REP-000864

Issue: 1.0

Date: 06 March 2007

Page: 12 of 45

SPIRE PFM Connector Mating Summary and Log
Doug Griffin

Connector ID:	DCU J04
Cycles to date:	3

	Mate operation	De-mate operation
Cycle: 4		
Cycle: 5		
Cycle: 6		
Cycle: 7		
Cycle: 8		

Connector ID:	DCU J05
Cycles to date:	3

	Mate operation	De-mate operation
Cycle: 4		
Cycle: 5		
Cycle: 6		
Cycle: 7		
Cycle: 8		

Connector ID:	DCU J06
Cycles to date:	3

	Mate operation	De-mate operation
Cycle: 4		
Cycle: 5		
Cycle: 6		
Cycle: 7		
Cycle: 8		



SPIRE Technical Report

Ref: SPIRE-RAL-REP-000864

Issue: 1.0

Date: 06 March 2007

Page: 13 of 45

SPIRE PFM Connector Mating Summary and Log
Doug Griffin

Connector ID:	DCU J07
Cycles to date:	3

	Mate operation	De-mate operation
Cycle: 4		
Cycle: 5		
Cycle: 6		
Cycle: 7		
Cycle: 8		

Connector ID:	DCU J08
Cycles to date:	3

	Mate operation	De-mate operation
Cycle: 4		
Cycle: 5		
Cycle: 6		
Cycle: 7		
Cycle: 8		

Connector ID:	DCU J09
Cycles to date:	3

	Mate operation	De-mate operation
Cycle: 4		
Cycle: 5		
Cycle: 6		
Cycle: 7		
Cycle: 8		



SPIRE Technical Report

Ref: SPIRE-RAL-REP-000864

Issue: 1.0

Date: 06 March 2007

Page: 14 of 45

SPIRE PFM Connector Mating Summary and Log
Doug Griffin

Connector ID:	DCU J10
Cycles to date:	3

	Mate operation	De-mate operation
Cycle: 4		
Cycle: 5		
Cycle: 6		
Cycle: 7		
Cycle: 8		

Connector ID:	DCU J11
Cycles to date:	3

	Mate operation	De-mate operation
Cycle: 4		
Cycle: 5		
Cycle: 6		
Cycle: 7		
Cycle: 8		

Connector ID:	DCU J12
Cycles to date:	3

	Mate operation	De-mate operation
Cycle: 4		
Cycle: 5		
Cycle: 6		
Cycle: 7		
Cycle: 8		



SPIRE Technical Report

Ref: SPIRE-RAL-REP-000864

Issue: 1.0

Date: 06 March 2007

Page: 15 of 45

SPIRE PFM Connector Mating Summary and Log
Doug Griffin

Connector ID:	DCU J13
Cycles to date:	3

	Mate operation	De-mate operation
Cycle: 4		
Cycle: 5		
Cycle: 6		
Cycle: 7		
Cycle: 8		

Connector ID:	DCU J14
Cycles to date:	3

	Mate operation	De-mate operation
Cycle: 4		
Cycle: 5		
Cycle: 6		
Cycle: 7		
Cycle: 8		

Connector ID:	DCU J15
Cycles to date:	3

	Mate operation	De-mate operation
Cycle: 4		
Cycle: 5		
Cycle: 6		
Cycle: 7		
Cycle: 8		



SPIRE Technical Report

Ref: SPIRE-RAL-REP-000864

Issue: 1.0

Date: 06 March 2007

Page: 16 of 45

SPIRE PFM Connector Mating Summary and Log
Doug Griffin

Connector ID:	DCU J16
Cycles to date:	3

	Mate operation	De-mate operation
Cycle: 4		
Cycle: 5		
Cycle: 6		
Cycle: 7		
Cycle: 8		

Connector ID:	DCU J17
Cycles to date:	3

	Mate operation	De-mate operation
Cycle: 4		
Cycle: 5		
Cycle: 6		
Cycle: 7		
Cycle: 8		

Connector ID:	DCU J18
Cycles to date:	3

	Mate operation	De-mate operation
Cycle: 4		
Cycle: 5		
Cycle: 6		
Cycle: 7		
Cycle: 8		



SPIRE Technical Report

Ref: SPIRE-RAL-REP-000864

Issue: 1.0

Date: 06 March 2007

Page: 17 of 45

SPIRE PFM Connector Mating Summary and Log
Doug Griffin

Connector ID:	DCU J19
Cycles to date:	3

	Mate operation	De-mate operation
Cycle: 4		
Cycle: 5		
Cycle: 6		
Cycle: 7		
Cycle: 8		

Connector ID:	DCU J20
Cycles to date:	3

	Mate operation	De-mate operation
Cycle: 4		
Cycle: 5		
Cycle: 6		
Cycle: 7		
Cycle: 8		

Connector ID:	DCU J21
Cycles to date:	3

	Mate operation	De-mate operation
Cycle: 4		
Cycle: 5		
Cycle: 6		
Cycle: 7		
Cycle: 8		



SPIRE Technical Report

Ref: SPIRE-RAL-REP-000864

Issue: 1.0

Date: 06 March 2007

Page: 18 of 45

SPIRE PFM Connector Mating Summary and Log
Doug Griffin

Connector ID:	DCU J22
Cycles to date:	3

	Mate operation	De-mate operation
Cycle: 4		
Cycle: 5		
Cycle: 6		
Cycle: 7		
Cycle: 8		

Connector ID:	DCU J23
Cycles to date:	3

	Mate operation	De-mate operation
Cycle: 4		
Cycle: 5		
Cycle: 6		
Cycle: 7		
Cycle: 8		

Connector ID:	DCU J24
Cycles to date:	3

	Mate operation	De-mate operation
Cycle: 4		
Cycle: 5		
Cycle: 6		
Cycle: 7		
Cycle: 8		



SPIRE Technical Report

Ref: SPIRE-RAL-REP-000864

Issue: 1.0

Date: 06 March 2007

Page: 19 of 45

SPIRE PFM Connector Mating Summary and Log
Doug Griffin

Connector ID:	DCU J25
Cycles to date:	3

	Mate operation	De-mate operation
Cycle: 4		
Cycle: 5		
Cycle: 6		
Cycle: 7		
Cycle: 8		

Connector ID:	DCU J26
Cycles to date:	3

	Mate operation	De-mate operation
Cycle: 4		
Cycle: 5		
Cycle: 6		
Cycle: 7		
Cycle: 8		

Connector ID:	DCU J27
Cycles to date:	3

	Mate operation	De-mate operation
Cycle: 4		
Cycle: 5		
Cycle: 6		
Cycle: 7		
Cycle: 8		



SPIRE Technical Report

Ref: SPIRE-RAL-REP-000864

Issue: 1.0

Date: 06 March 2007

Page: 20 of 45

SPIRE PFM Connector Mating Summary and Log
Doug Griffin

Connector ID:	DCU J28
Cycles to date:	3

	Mate operation	De-mate operation
Cycle: 4		
Cycle: 5		
Cycle: 6		
Cycle: 7		
Cycle: 8		

Connector ID:	DCU J29
Cycles to date:	3

	Mate operation	De-mate operation
Cycle: 4		
Cycle: 5		
Cycle: 6		
Cycle: 7		
Cycle: 8		

Connector ID:	DCU J30
Cycles to date:	3

	Mate operation	De-mate operation
Cycle: 4		
Cycle: 5		
Cycle: 6		
Cycle: 7		
Cycle: 8		



SPIRE Technical Report

Ref: SPIRE-RAL-REP-000864

Issue: 1.0

Date: 06 March 2007

Page: 21 of 45

SPIRE PFM Connector Mating Summary and Log
Doug Griffin

Connector ID:	DCU J31
Cycles to date:	3

	Mate operation	De-mate operation
Cycle: 4		
Cycle: 5		
Cycle: 6		
Cycle: 7		
Cycle: 8		

Connector ID:	DCU J32
Cycles to date:	3

	Mate operation	De-mate operation
Cycle: 4		
Cycle: 5		
Cycle: 6		
Cycle: 7		
Cycle: 8		

6. FCU

Connector ID:	FCU J01
Cycles to date:	3

	Mate operation	De-mate operation
Cycle: 4		
Cycle: 5		
Cycle: 6		
Cycle: 7		
Cycle: 8		



SPIRE Technical Report

Ref: SPIRE-RAL-REP-000864

Issue: 1.0

Date: 06 March 2007

Page: 22 of 45

SPIRE PFM Connector Mating Summary and Log
Doug Griffin

Connector ID:	FCU J02
Cycles to date:	3

	Mate operation	De-mate operation
Cycle: 4		
Cycle: 5		
Cycle: 6		
Cycle: 7		
Cycle: 8		

Connector ID:	FCU J03
Cycles to date:	3

	Mate operation	De-mate operation
Cycle: 4		
Cycle: 5		
Cycle: 6		
Cycle: 7		
Cycle: 8		

Connector ID:	FCU J04
Cycles to date:	3

	Mate operation	De-mate operation
Cycle: 4		
Cycle: 5		
Cycle: 6		
Cycle: 7		
Cycle: 8		



SPIRE Technical Report

Ref: SPIRE-RAL-REP-000864

Issue: 1.0

Date: 06 March 2007

Page: 23 of 45

SPIRE PFM Connector Mating Summary and Log
Doug Griffin

Connector ID:	FCU J05
Cycles to date:	3

	Mate operation	De-mate operation
Cycle: 4		
Cycle: 5		
Cycle: 6		
Cycle: 7		
Cycle: 8		

Connector ID:	FCU J06
Cycles to date:	3

	Mate operation	De-mate operation
Cycle: 4		
Cycle: 5		
Cycle: 6		
Cycle: 7		
Cycle: 8		

Connector ID:	FCU J07
Cycles to date:	3

	Mate operation	De-mate operation
Cycle: 4		
Cycle: 5		
Cycle: 6		
Cycle: 7		
Cycle: 8		



SPIRE Technical Report

Ref: SPIRE-RAL-REP-000864

Issue: 1.0

Date: 06 March 2007

Page: 24 of 45

SPIRE PFM Connector Mating Summary and Log
Doug Griffin

Connector ID:	FCU J08
Cycles to date:	3

	Mate operation	De-mate operation
Cycle: 4		
Cycle: 5		
Cycle: 6		
Cycle: 7		
Cycle: 8		

Connector ID:	FCU J11
Cycles to date:	3

	Mate operation	De-mate operation
Cycle: 4		
Cycle: 5		
Cycle: 6		
Cycle: 7		
Cycle: 8		

Connector ID:	FCU J12
Cycles to date:	3

	Mate operation	De-mate operation
Cycle: 4		
Cycle: 5		
Cycle: 6		
Cycle: 7		
Cycle: 8		



SPIRE Technical Report

Ref: SPIRE-RAL-REP-000864

Issue: 1.0

Date: 06 March 2007

Page: 25 of 45

SPIRE PFM Connector Mating Summary and Log
Doug Griffin

Connector ID:	FCU J13
Cycles to date:	3

	Mate operation	De-mate operation
Cycle: 4		
Cycle: 5		
Cycle: 6		
Cycle: 7		
Cycle: 8		

Connector ID:	FCU J14
Cycles to date:	3

	Mate operation	De-mate operation
Cycle: 4		
Cycle: 5		
Cycle: 6		
Cycle: 7		
Cycle: 8		

Connector ID:	FCU J17
Cycles to date:	3

	Mate operation	De-mate operation
Cycle: 4		
Cycle: 5		
Cycle: 6		
Cycle: 7		
Cycle: 8		



SPIRE Technical Report

Ref: SPIRE-RAL-REP-000864

Issue: 1.0

Date: 06 March 2007

Page: 26 of 45

SPIRE PFM Connector Mating Summary and Log
Doug Griffin

Connector ID:	FCU J18
Cycles to date:	3

	Mate operation	De-mate operation
Cycle: 4		
Cycle: 5		
Cycle: 6		
Cycle: 7		
Cycle: 8		

Connector ID:	FCU J19
Cycles to date:	3

	Mate operation	De-mate operation
Cycle: 4		
Cycle: 5		
Cycle: 6		
Cycle: 7		
Cycle: 8		

Connector ID:	FCU J20
Cycles to date:	3

	Mate operation	De-mate operation
Cycle: 4		
Cycle: 5		
Cycle: 6		
Cycle: 7		
Cycle: 8		



SPIRE Technical Report

Ref: SPIRE-RAL-REP-000864

Issue: 1.0

Date: 06 March 2007

Page: 27 of 45

SPIRE PFM Connector Mating Summary and Log
Doug Griffin

Connector ID:	FCU J21
Cycles to date:	3

	Mate operation	De-mate operation
Cycle: 4		
Cycle: 5		
Cycle: 6		
Cycle: 7		
Cycle: 8		

Connector ID:	FCU J22
Cycles to date:	3

	Mate operation	De-mate operation
Cycle: 4		
Cycle: 5		
Cycle: 6		
Cycle: 7		
Cycle: 8		

Connector ID:	FCU J23
Cycles to date:	3

	Mate operation	De-mate operation
Cycle: 4		
Cycle: 5		
Cycle: 6		
Cycle: 7		
Cycle: 8		



SPIRE Technical Report

Ref: SPIRE-RAL-REP-000864

Issue: 1.0

Date: 06 March 2007

Page: 28 of 45

SPIRE PFM Connector Mating Summary and Log
Doug Griffin

Connector ID:	FCU J24
Cycles to date:	3

	Mate operation	De-mate operation
Cycle: 4		
Cycle: 5		
Cycle: 6		
Cycle: 7		
Cycle: 8		

Connector ID:	FCU J25
Cycles to date:	3

	Mate operation	De-mate operation
Cycle: 4		
Cycle: 5		
Cycle: 6		
Cycle: 7		
Cycle: 8		

Connector ID:	FCU J26
Cycles to date:	3

	Mate operation	De-mate operation
Cycle: 4		
Cycle: 5		
Cycle: 6		
Cycle: 7		
Cycle: 8		



7. JFP

Connector ID:	JFP J01
Cycles to date:	3

	Mate operation	De-mate operation
Cycle: 4		
Cycle: 5		
Cycle: 6		
Cycle: 7		
Cycle: 8		

Connector ID:	JFP J02
Cycles to date:	3

	Mate operation	De-mate operation
Cycle: 4		
Cycle: 5		
Cycle: 6		
Cycle: 7		
Cycle: 8		

Connector ID:	JFP J03
Cycles to date:	3

	Mate operation	De-mate operation
Cycle: 4		
Cycle: 5		
Cycle: 6		
Cycle: 7		
Cycle: 8		



SPIRE Technical Report

Ref: SPIRE-RAL-REP-000864

Issue: 1.0

Date: 06 March 2007

Page: 30 of 45

SPIRE PFM Connector Mating Summary and Log
Doug Griffin

Connector ID:	JFP J04
Cycles to date:	3

	Mate operation	De-mate operation
Cycle: 4		
Cycle: 5		
Cycle: 6		
Cycle: 7		
Cycle: 8		

Connector ID:	JFP J05
Cycles to date:	3

	Mate operation	De-mate operation
Cycle: 4		
Cycle: 5		
Cycle: 6		
Cycle: 7		
Cycle: 8		

Connector ID:	JFP J06
Cycles to date:	3

	Mate operation	De-mate operation
Cycle: 4		
Cycle: 5		
Cycle: 6		
Cycle: 7		
Cycle: 8		



SPIRE Technical Report

Ref: SPIRE-RAL-REP-000864

Issue: 1.0

Date: 06 March 2007

Page: 31 of 45

SPIRE PFM Connector Mating Summary and Log
Doug Griffin

Connector ID:	JFP J07
Cycles to date:	3

	Mate operation	De-mate operation
Cycle: 4		
Cycle: 5		
Cycle: 6		
Cycle: 7		
Cycle: 8		

Connector ID:	JFP J08
Cycles to date:	3

	Mate operation	De-mate operation
Cycle: 4		
Cycle: 5		
Cycle: 6		
Cycle: 7		
Cycle: 8		

Connector ID:	JFP J09
Cycles to date:	3

	Mate operation	De-mate operation
Cycle: 4		
Cycle: 5		
Cycle: 6		
Cycle: 7		
Cycle: 8		



SPIRE Technical Report

Ref: SPIRE-RAL-REP-000864

Issue: 1.0

Date: 06 March 2007

Page: 32 of 45

SPIRE PFM Connector Mating Summary and Log
Doug Griffin

Connector ID:	JFP J10
Cycles to date:	3

	Mate operation	De-mate operation
Cycle: 4		
Cycle: 5		
Cycle: 6		
Cycle: 7		
Cycle: 8		

Connector ID:	JFP J11
Cycles to date:	3

	Mate operation	De-mate operation
Cycle: 4		
Cycle: 5		
Cycle: 6		
Cycle: 7		
Cycle: 8		

Connector ID:	JFP J12
Cycles to date:	3

	Mate operation	De-mate operation
Cycle: 4		
Cycle: 5		
Cycle: 6		
Cycle: 7		
Cycle: 8		



SPIRE Technical Report

Ref: SPIRE-RAL-REP-000864

Issue: 1.0

Date: 06 March 2007

Page: 33 of 45

SPIRE PFM Connector Mating Summary and Log
Doug Griffin

Connector ID:	JFP J13
Cycles to date:	3

	Mate operation	De-mate operation
Cycle: 4		
Cycle: 5		
Cycle: 6		
Cycle: 7		
Cycle: 8		

Connector ID:	JFP J14
Cycles to date:	3

	Mate operation	De-mate operation
Cycle: 4		
Cycle: 5		
Cycle: 6		
Cycle: 7		
Cycle: 8		

Connector ID:	JFP J15
Cycles to date:	3

	Mate operation	De-mate operation
Cycle: 4		
Cycle: 5		
Cycle: 6		
Cycle: 7		
Cycle: 8		



SPIRE Technical Report

Ref: SPIRE-RAL-REP-000864

Issue: 1.0

Date: 06 March 2007

Page: 34 of 45

SPIRE PFM Connector Mating Summary and Log
Doug Griffin

Connector ID:	JFP J16
Cycles to date:	3

	Mate operation	De-mate operation
Cycle: 4		
Cycle: 5		
Cycle: 6		
Cycle: 7		
Cycle: 8		

Connector ID:	JFP J17
Cycles to date:	3

	Mate operation	De-mate operation
Cycle: 4		
Cycle: 5		
Cycle: 6		
Cycle: 7		
Cycle: 8		

Connector ID:	JFP J18
Cycles to date:	3

	Mate operation	De-mate operation
Cycle: 4		
Cycle: 5		
Cycle: 6		
Cycle: 7		
Cycle: 8		



SPIRE Technical Report

Ref: SPIRE-RAL-REP-000864

Issue: 1.0

Date: 06 March 2007

Page: 35 of 45

SPIRE PFM Connector Mating Summary and Log
Doug Griffin

Connector ID:	JFP J19
Cycles to date:	3

	Mate operation	De-mate operation
Cycle: 4		
Cycle: 5		
Cycle: 6		
Cycle: 7		
Cycle: 8		

Connector ID:	JFP J20
Cycles to date:	3

	Mate operation	De-mate operation
Cycle: 4		
Cycle: 5		
Cycle: 6		
Cycle: 7		
Cycle: 8		

Connector ID:	JFP J21
Cycles to date:	3

	Mate operation	De-mate operation
Cycle: 4		
Cycle: 5		
Cycle: 6		
Cycle: 7		
Cycle: 8		



SPIRE Technical Report

Ref: SPIRE-RAL-REP-000864

Issue: 1.0

Date: 06 March 2007

Page: 36 of 45

SPIRE PFM Connector Mating Summary and Log
Doug Griffin

Connector ID:	JFP J22
Cycles to date:	3

	Mate operation	De-mate operation
Cycle: 4		
Cycle: 5		
Cycle: 6		
Cycle: 7		
Cycle: 8		

Connector ID:	JFP J23
Cycles to date:	3

	Mate operation	De-mate operation
Cycle: 4		
Cycle: 5		
Cycle: 6		
Cycle: 7		
Cycle: 8		

Connector ID:	JFP J24
Cycles to date:	3

	Mate operation	De-mate operation
Cycle: 4		
Cycle: 5		
Cycle: 6		
Cycle: 7		
Cycle: 8		



SPIRE Technical Report

Ref: SPIRE-RAL-REP-000864

Issue: 1.0

Date: 06 March 2007

Page: 37 of 45

SPIRE PFM Connector Mating Summary and Log
Doug Griffin

Connector ID:	JFP J25
Cycles to date:	5

	Mate operation	De-mate operation
Cycle: 6		
Cycle: 7		
Cycle: 8		
Cycle: 9		
Cycle: 10		

Connector ID:	JFP J26
Cycles to date:	5

	Mate operation	De-mate operation
Cycle: 6		
Cycle: 7		
Cycle: 8		
Cycle: 9		
Cycle: 10		

Connector ID:	JFP J27
Cycles to date:	5

	Mate operation	De-mate operation
Cycle: 6		
Cycle: 7		
Cycle: 8		
Cycle: 9		
Cycle: 10		



SPIRE Technical Report

Ref: SPIRE-RAL-REP-000864

Issue: 1.0

Date: 06 March 2007

Page: 38 of 45

SPIRE PFM Connector Mating Summary and Log
Doug Griffin

Connector ID:	JFP J28
Cycles to date:	5

	Mate operation	De-mate operation
Cycle: 6		
Cycle: 7		
Cycle: 8		
Cycle: 9		
Cycle: 10		



8. JFS

Connector ID:	JFS J01
Cycles to date:	3

	Mate operation	De-mate operation
Cycle: 4		
Cycle: 5		
Cycle: 6		
Cycle: 7		
Cycle: 8		

Connector ID:	JFS J02
Cycles to date:	3

	Mate operation	De-mate operation
Cycle: 4		
Cycle: 5		
Cycle: 6		
Cycle: 7		
Cycle: 8		

Connector ID:	JFS J03
Cycles to date:	3

	Mate operation	De-mate operation
Cycle: 4		
Cycle: 5		
Cycle: 6		
Cycle: 7		
Cycle: 8		



SPIRE Technical Report

Ref: SPIRE-RAL-REP-000864

Issue: 1.0

Date: 06 March 2007

Page: 40 of 45

SPIRE PFM Connector Mating Summary and Log
Doug Griffin

Connector ID:	JFS J04
Cycles to date:	3

	Mate operation	De-mate operation
Cycle: 4		
Cycle: 5		
Cycle: 6		
Cycle: 7		
Cycle: 8		

Connector ID:	JFS J05
Cycles to date:	3

	Mate operation	De-mate operation
Cycle: 4		
Cycle: 5		
Cycle: 6		
Cycle: 7		
Cycle: 8		

Connector ID:	JFS J06
Cycles to date:	3

	Mate operation	De-mate operation
Cycle: 4		
Cycle: 5		
Cycle: 6		
Cycle: 7		
Cycle: 8		



SPIRE Technical Report

Ref: SPIRE-RAL-REP-000864

Issue: 1.0

Date: 06 March 2007

Page: 41 of 45

SPIRE PFM Connector Mating Summary and Log
Doug Griffin

Connector ID:	JFS J07
Cycles to date:	3

	Mate operation	De-mate operation
Cycle: 4		
Cycle: 5		
Cycle: 6		
Cycle: 7		
Cycle: 8		

Connector ID:	JFS J09
Cycles to date:	3

	Mate operation	De-mate operation
Cycle: 4		
Cycle: 5		
Cycle: 6		
Cycle: 7		
Cycle: 8		

Connector ID:	JFS J10
Cycles to date:	4

	Mate operation	De-mate operation
Cycle: 5		
Cycle: 6		
Cycle: 7		
Cycle: 8		
Cycle: 9		



9. FPU

Connector ID:	FPU J19
Cycles to date:	4

	Mate operation	De-mate operation
Cycle: 5		
Cycle: 6		
Cycle: 7		
Cycle: 8		
Cycle: 9		

Connector ID:	FPU J20
Cycles to date:	4

	Mate operation	De-mate operation
Cycle: 5		
Cycle: 6		
Cycle: 7		
Cycle: 8		
Cycle: 9		

Connector ID:	FPU J21
Cycles to date:	4

	Mate operation	De-mate operation
Cycle: 5		
Cycle: 6		
Cycle: 7		
Cycle: 8		
Cycle: 9		



SPIRE Technical Report

Ref: SPIRE-RAL-REP-000864

Issue: 1.0

Date: 06 March 2007

Page: 43 of 45

SPIRE PFM Connector Mating Summary and Log
Doug Griffin

Connector ID:	FPU J22
Cycles to date:	4

	Mate operation	De-mate operation
Cycle: 5		
Cycle: 6		
Cycle: 7		
Cycle: 8		
Cycle: 9		

Connector ID:	FPU J23
Cycles to date:	4

	Mate operation	De-mate operation
Cycle: 5		
Cycle: 6		
Cycle: 7		
Cycle: 8		
Cycle: 9		

Connector ID:	FPU J24
Cycles to date:	4

	Mate operation	De-mate operation
Cycle: 5		
Cycle: 6		
Cycle: 7		
Cycle: 8		
Cycle: 9		



SPIRE Technical Report

Ref: SPIRE-RAL-REP-000864

Issue: 1.0

Date: 06 March 2007

Page: 44 of 45

SPIRE PFM Connector Mating Summary and Log
Doug Griffin

Connector ID:	FPU J25
Cycles to date:	4

	Mate operation	De-mate operation
Cycle: 5		
Cycle: 6		
Cycle: 7		
Cycle: 8		
Cycle: 9		

Connector ID:	FPU J26
Cycles to date:	4

	Mate operation	De-mate operation
Cycle: 5		
Cycle: 6		
Cycle: 7		
Cycle: 8		
Cycle: 9		

Connector ID:	FPU J27
Cycles to date:	4

	Mate operation	De-mate operation
Cycle: 5		
Cycle: 6		
Cycle: 7		
Cycle: 8		
Cycle: 9		



SPIRE Technical Report

Ref: SPIRE-RAL-REP-000864

Issue: 1.0

Date: 06 March 2007

Page: 45 of 45

SPIRE PFM Connector Mating Summary and Log
Doug Griffin

Connector ID:	FPU J28
Cycles to date:	4

	Mate operation	De-mate operation
Cycle: 5		
Cycle: 6		
Cycle: 7		
Cycle: 8		
Cycle: 9		

Connector ID:	FPU J29
Cycles to date:	4

	Mate operation	De-mate operation
Cycle: 5		
Cycle: 6		
Cycle: 7		
Cycle: 8		
Cycle: 9		

Connector ID:	FPU J30
Cycles to date:	4

	Mate operation	De-mate operation
Cycle: 5		
Cycle: 6		
Cycle: 7		
Cycle: 8		
Cycle: 9		