

<b>SPIRE</b>	<b>Project Document</b>	Ref	<b>SPIRE-RAL-DOC-002840</b>
		Issue	<b>2.1</b>
	<b>SPIRE PFM AS BUILT STATUS (ABCIDL)</b>	Date	<b>24<sup>th</sup> November 2008</b>
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<b>SUBJECT:</b>	<b>AS BUILT CONFIGURATION ITEM DATA LIST BUILD STATUS</b>
<b>PREPARED BY:</b>	<b>E C Sawyer</b>
<b>MODIFIED BY</b>	
<b>DOCUMENT No:</b>	<b>SPIRE-RAL-PRJ-002840</b>

<b>APPROVED BY:</b>	<b>Name</b>	<b>Signature &amp; Date</b>
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**Distribution**

**Live Link**

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## CHANGE RECORD

<b>ISSUE</b>	<b>DATE</b>	<b>Comments / change</b>
1.0	27/2/07	First issue for PFM
2.0	27/3/07	SPIRE-RAL-PRJ-000608 SPIRE Harness Definition Document now 1.3.1
		SPIRE-SBT-PRJ-000686 SPIRE Sorption Coolers CIDL HSO-SBT-LI-010 now issue 1
2.1	24/11/08	para 3.7 Lists SPIRE NCR Status List: SPIRE-RAL-PRJ-001079 - was issue 10 now issue 12  Request For Waiver List: SPIRE-RAL-PRJ-001081 - was issue 7 now issue 10  para 3.8 Plans - RAL SPIRE Functional Test Specifications: SPIRE-RAL-DOC-001652 - was issue 1.2 now issue 1.4  para 3.13 Manuals On-Board software user manual: SPIRE-IFS-PRJ-001391 Was issue 1.1 now issue 3.0

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	Build change record	
	FPU	
	JFETS	
	Warm Electronics	

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## 1. SCOPE

This document defines the list of configured documents and Drawing etc for the SPIRE instrument and gives the configuration status of each document.

## 2. APPLICABLE DOCUMENTS

ECSS-M-40A	Configuration Management
SPIRE-RAL-PRJ-000626	SPIRE Configuration Management Plan
SPIRE-RAL-PRJ-000032	SPIRE Document Management Plan
SPIRE-PROJECT-PRJ-000017	SPIRE Product Assurance Plan

## 3. CONFIGURATION STATUS

<b>3.1 SubSystem Configured Item Document List (CIDL)</b>			
<b>Doc Ref</b>	<b>Doc Title</b>	<b>Iss/Rev</b>	<b>Date</b>
SPIRE-RAL-PRJ-001134	Spire Instrument CIDL	2.0	1 Dec 04
SPIRE-ATC-PRJ-001054	BSM CIDL	1.2	15 July 02
SPIRE-IFS-DOC-001033	SPIRE DPU Configuration Status List	1.2	11Feb 02
HERTS-SPIRE-LI-CGS-006	SPIRE DPU CIDL	3	15/5/06
LAM-SSP-SPI-ADP-060630	LAM SMEC CIDL - contained within the EIDP	1	28/7/06
MSSL-SPIRE-CF002.01	Structure Document Tree (CIDL) for PFM	1.0	12 July 2004
SPIRE-QMW-PRJ-001099	Calibrators & Filters CIDL	1.0	07 Sep 01
SPIRE-SBT-PRJ-000686	SPIRE Sorption Coolers CIDL HSO-SBT-LI-010	1	7/10/04
SPIRE-JPL-DOC-002427	PTC - contained within EIDPs	1	8/1/07
LAM-SSP-SPI-ADP-030040_10	Mirrors contained within EIDP	1.1	11/6/04
MSSL-SPIRE-CF0005.A	300mK bus bar	1	25/1/06
SPIRE-UCF-DOC-002126	Beam dividers - Contained within HSO-CDF-EIDP-060	1	11/8/04
SPIRE-UCF-DOC-002182	300mK supports – contained within HSO-CDF-EIDP-072	1	27/7/04
SPIRE-UCF-DOC-002185	Filters – contained within HSO-CDF-EIDP-059	1	22/10/04
SPIRE-UCF-DOC-002125	Scal – contained within HSO-CDF-EIDP-071	1	19/8/04
SPIRE-UCF-DOC-002797	Pcal contained within HSO-CDF-EIDP-073	1	15/3/05
SPIRE-UCF-DOC-002798	dichroics contained within HSO-CDF-EIDP-114	1	6/3/06
SPIRE-JPL-DOC-002429	JFETS – contained within EIDPs		various
SPIRE-JPL-DOC-002044	BDA – contained within EIDPs		various



<b>SPIRE</b>	<b>Project Document</b>	<b>Ref</b>	<b>SPIRE-RAL-DOC-002840</b>
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<b>3.4 Specifications. – Subsystems</b>			
<b>Doc Ref</b>	<b>Doc Title</b>	<b>Iss/Rev</b>	<b>Date</b>
SPIRE-ATC-PRJ-000460	Beam Steering Mirror subsystem Specification	3.7	11 Sep 03
SPIRE-IFS-PRJ-000444	ON board \software URD	1.3	27/9/04
SPIRE-IFS-PRJ-000462	DPU Subsystem Specification	1.2	26 Nov 01
SPIRE-IFS-PRJ-001036	Onboard software Specification Document	1.1	5/8/04
SPIRE-JPL-PRJ-000456	SPIRE Detector Subsystem Spec	3.2	7 Jan 03
SPIRE-LAM-PRJ-000459	Spectrometer Mirror Mechanism Subsystem Spec	8.0	12 Oct 01
SPIRE-MSS-PRJ-000427	Structure Specification Doc	2.0	26 Nov 02
SPIRE-QMW-PRJ-000454	Filters Subsystem Specification	2.0	7 Sep 01
SPIRE-QMW-PRJ-000648	Spire Calibrators Software Interface Req	1.0	10/Apr/01
SPIRE-QMW-PRJ-000649	Spire Calibrators Electrical Interface Req	1.1	10/Apr/01
SPIRE-QMW-PRJ-001101	Photometer Calibrator (PCAL) Subsystem Spec	1.0	7 Sep 01
SPIRE-QMW-PRJ-001105	Spectrometer Calibrator (SCAL) Subsystem Spec	1.0	7 Sep 01
SPIRE-SAP-PRJ-000461	DRCU Subsystem Spec	1 0	14 Feb 03
SPIRE-SAP-PRJ-000638	FPU Simulator	0.3	20 Jan 03
SPIRE-SBT-PRJ-000458	SPIRE & PACS Sorption Coolers Specification	3.6	18/3/04
SPIRE-UCF-PRJ-000064	SPIRE Science Requirements Document	3.0	21 Nov 00

<b>3.5 Interfaces (ICD) - RAL</b>			
<b>Doc Ref</b>	<b>Doc Title</b>	<b>Iss/Rev</b>	<b>Date</b>
SCI-PT-IIDB/SPIRE-02124	SPIRE IIDB	4	1/4/06
SPIRE-RAL-DWG-001409	Forms Annex 1 to SCI-PT-IIDB/SPIRE-02124 SPIRE MECHANICAL INTERFACE DRAWINGS	14.0	Feb 06
SPIRE-RAL-PRJ-000450	Spire System Budget	4.0	01 Jun 03
SPIRE-RAL-PRJ-000608	SPIRE Harness Definition Document	1.3.1	13/3/07
SPIRE-RAL-PRJ-000728	Cryogenic Interface Thermal Mathematical Model	2.1	20 Jan 03
SPIRE-RAL-PRJ-001078	Spire Data ICD	2.0	15-Nov-04
SPIRE-RAL-PRJ-000560	Thermal Configuration Control	0.9	04 Feb 02

<b>SPIRE</b>	<b>Project Document</b>	<b>Ref</b>	<b>SPIRE-RAL-DOC-002840</b>
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<b>3.6 Interfaces (ICD) - Subsystems</b>			
<b>Doc Ref</b>	<b>Doc Title</b>	<b>Iss/Rev</b>	<b>Date</b>
SPIRE-ATC-PRJ-001171	BSM ICD	3.2	28 Sep 04
SPIRE-IFS-PRJ-000650	Spire DPU ICD;	1.4	24/03/03
SPIRE-JPL-PRJ-001181	Detectors (BDA) ICD	2.0	26 Feb 02
SPIRE-LAM-PRJ-000446	Optical Error Budget	4.0	17/Jan/02
SPIRE-LAM-PRJ-000944	LAM ICD (SPI.PFM.00.R1.01 A)	A	3/Oct/01
SPIRE-MSS-PRJ-000294	Structure Optics ICD	1.0	13/06/00
SPIRE-MSS-PRJ-000298	Structure SMEC-m ICD	1.0	14/06/00
SPIRE-MSS-PRJ-000299	Structure Filters ICD	1.0	13/Jun/00
SPIRE-MSS-PRJ-000331	Structure-Cooler ICD	1.0	13/Jun/00
SPIRE-MSS-PRJ-000617	Structure Mechanical ICD MSSL-SPIRE-SP004.11	3.0	14/02/03
SPIRE-SAP-PRJ-000451	DRCU ICD (SAP-SPIRE-CCa-075-02)	1.0	14/Feb/03
SPIRE-SAP-PRJ-001364	DPU/DRCU ICD (DATA: SAP-SPIRE-CCa-076-02)	1.1	25/6/04
SPIRE-SBT-PRJ-000690	Spire & PACS Sorption Coolers ICD	2.1	3/3/04
SPIRE-UCF-PRJ-001149	SCAL ICD	3.0	5 Jul 04
SPIRE-UCF-PRJ-001150	PCAL ICD	3.0	17 May 04
SPIRE-UCF-PRJ-001151	UCF Filters ICD	3.0	5 Jun 03

<b>3.7 Lists</b>			
<b>Doc Ref</b>	<b>Doc Title</b>	<b>Iss/Rev</b>	<b>Date</b>
SPIRE-RAL-PRJ-000455	Major Milestone List	1.4	2 Jun 03
SPIRE-RAL-PRJ-002165	Qualification Matrix	2.0	12 Nov 04
SPIRE-RAL-PRJ-001079	SPIRE NCR Status list	12.0	8/7/08
SPIRE-RAL-PRJ-001080	Engineering Change Request List	5.0	1/3/07
SPIRE-RAL-PRJ-001081	Request For Waiver List	10.0	3/7/08
SPIRE-RAL-PRJ-001092	Combined Declared Materials List	4.1	22 Feb 07
SPIRE-RAL-PRJ-001093	Combined Declared Processes List	4.0	27 Feb 07
SPIRE-RAL-PRJ-001094	Combined Declared Mechanical Parts List	3.3	20 Feb 07
SPIRE-RAL-PRJ-001095	Combined Declared EEE Parts list	3.2	20 Feb 07
SPIRE-RAL-REP-001670	PAD Status List	3.0	27 Jan 05
SPIRE-RAL-DOC-002069	SPR/SCR List.	1.0D	02 Jul 04
SPIRE-UCF-PRJ-001138	Critical Items List	2.0	06 Jun 03

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### 3.8 Plans - RAL

<b>Doc Ref</b>	<b>Doc Title</b>	<b>Iss/Rev</b>	<b>Date</b>
SPIRE-RAL-DOC-001123	SPIRE CQM Performance Test Specification	0.4	29 May 02
SPIRE-RAL-DOC-001132	SPIRE Warm Electronics Integration Plan	0.1	10 Jan 02
SPIRE-RAL-DOC-001652	SPIRE Functional Test Specifications	1.4	22 July 05
SPIRE-RAL-NOT-001122	SPIRE STM Performance Test Plan	0.1	31 Jan 02
SPIRE-RAL-PRJ-000017	Product Assurance Plan	1.3	4 Jan 07
SPIRE-RAL-PRJ-000018	Spire Science Implementation Plan (DRAFT)	1.1	18 Mar 02
SPIRE-RAL-PRJ-000029	Spire Management plan	1.1	12 Apr 01
SPIRE-RAL-PRJ-000030	SPIRE Product Tree (DRAFT)	2.0	12 Apr 01
SPIRE-RAL-PRJ-000032	SPIRE Document Management Plan	1.1	13 Sep 00
SPIRE-RAL-PRJ-000035	Spire Instrument Development Plan	1.1	12 Apr 01
SPIRE-RAL-PRJ-0001106	ICC Software Configuration Plan	1.1	01 Feb 02
SPIRE-RAL-PRJ-000410	AIV Plan	3.0	25 May 03
SPIRE-RAL-PRJ-000626	SPIRE Configuration Management Plan	1.3	28 Feb 02
SPIRE-RAL-PRJ-000852	EMC Control Plan (DRAFT for comment)	0.4	29 May 02
SPIRE-RAL-PRJ-001070	Cleanliness Plan	1.0	9 Jan 02
SPIRE-RAL-PRJ-001866	SPIRE Calibration Plan	0.2	12 Jan 05

### 3.9 Plans - Subsystems

<b>Doc Ref</b>	<b>Doc Title</b>	<b>Iss/Rev</b>	<b>Date</b>
SPIRE-ATC-PRJ-000736	BSM Subsystem Test Plan	4.2	24 Mar 04
SPIRE-CGS-DOC-001776	DPU-SW Verification & Validation Plan / Acceptance Test	1.0	5 Apr 02
SPIRE-IFS-PRJ-000834	DPU Test Plan	0.1	8 Aug 01
SPIRE-IFS-PRJ-001756	DPU/ICU Spacecraft Interface Test Plan	1.1	05 Sep 02
SPIRE-LAM-PRJ-001842	Optical Alignment Plan	1.0	30 Apr 03
SPIRE-MSS-PRJ-000652	SPIRE Structure Integration Plan	0.1	Apr 01
SPIRE-MSS-PRJ-001023	SPIRE STRUCTURE-MAIV Flow Chart	3.0	Feb 03
SPIRE-MSS-PRJ-001841	Vibration Test Specification STM Qualification Plan	2.0	04 Jul 03
SPIRE-QMW-PRJ-001103	Spectrometer Calibrator MAIV Flow Chart	1.0	04 Sep 01
SPIRE-SAP-PRJ-001607	Detector Control Unit EM/QM1 Preliminary Test Plan	1.0	14 Feb 03
SPIRE-SBT-PRJ-000691	SPIRE & PACS Sorption Coolers MAIV Flow Chart	1.3	13 Jan 04
SPIRE-UCF-PRJ-001686	300mk Strap Supports MAIV Flow Chart	1.0	10 Feb 03



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### 3.10 Procedures

<b>Doc Ref</b>	<b>Doc Title</b>	<b>Iss/Rev</b>	<b>Date</b>
SPIRE-MSS-PRJ-001650	Structure Assembly, Integration & Handling Procedure	4.0	12 Jul 04
SPIRE-RAL-DOC-001578	SPIRE Cold Optical Alignment Procedure	1.0	17 Jun 03
SPIRE-RAL-DOC-001888	Cold Verification 1-Master Procedure	1.1	22 Jan 04
SPIRE-RAL-PRC-002808	Warm Electronics mechanical Integration procedure	1.0	22/1/07
SPIRE-RAL-PRC-002802	FPU mechanical integration procedure	1.0	17/1/07
SPIRE-RAL-PRC-002806	WIH mechanical integration procedure	1.0	24/1/07
SPIRE-RAL-PRC-002807	WU electrical integration procedure	1.0	31/1/07
SPIRE-RAL-PRC-002680	Warm units integration procedure	1.3	15/2/07
SPIRE-RAL-PRC-002422	Warm functional test procedure	2.2	2/1/07
SPIRE-RAL-PRC-002398	Cold functional test procedure	2.2	2/1/07
SPIRE-RAL-PRC-002704	Specific functional test procedure	1.0	15/8/06
SPIRE-RAL-PRC-002494	Short Functional Test procedure	2.2	2/1/07

### 3.11 Reports

<b>Doc Ref</b>	<b>Doc Title</b>	<b>Iss/Rev</b>	<b>Date</b>
SPIRE-RAL-DOC-001293	SPIRE Safety Submission	4.0	18 Jun 04
SPIRE-RAL-NOT- 001704	Harness Derating Analysis	1.0	15 May 03

### 3.12 Work Statements

<b>Doc Ref</b>	<b>Doc Title</b>	<b>Iss/Rev</b>	<b>Date</b>

### 3.13 Manuals

<b>Doc Ref</b>	<b>Doc Title</b>	<b>Iss/Rev</b>	<b>Date</b>
SPIRE-RAL-PRJ-002395	Instrument Users Manual	1.0	08 Apr 05
SPIRE-IFS-PRJ-001391	SPIRE OBS User Manual	3.0	4/11/08

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#### **4. BUILD STATUS**

PFM build

As Built Configuration List

24-Nov-08

SPIRE-RAL-DOC-002326

Issue 2.12

Date	Issue	Sheet	Change	Reason for change
28/06/2004	0.1D	All		First draft
21/09/2004	2.0		column added for PFM1 reqd	
03/02/2005	2.1	all	updated for PFM1 test campaign	
17/08/2005	2.2	all	updated fpr PFM 2 test campaign	
09/11/2005	2.3	FPU	Updated for PFM Cryo-vibration test	
22/11/2005	2.4	FPU	SMEC was CQM now DM	Updated for the PFM cryo-vibration test
26/07/2006	2.5	FPU All	Black Tiles added to photometer cover Build std record included for each test replaced	Correction to CIDL for vibe test
26/07/2006	2.6	All	Updated for PFM-3 Campaign	
21/08/2006	2.7	All	SMEC Fitted  Numbers for redundant SCAL thermometers added Flight thermometers for SMEC added	Updated for cryo-vibration test
21/08/2006	2.8	All	Updated for PFM-4 Campaign JFET modules changed	Updated for PFM-4 Campaign
28/02/2007	2.9	All		Updated for delivery
07/03/2007	2.10	JFET	JFET s/n 13 changed to 20	
26/03/2007	2.11		Spectrometer JFET s/n changed OBSW section added	Updated with comments from DRB
24/11/2008	2.12	OBSW	OBSW now version 3.0.B	Software update, Installed 6/211/08

Unit	Item	Drawing/Ref	Supplier
Optical Bench Panel	Optical bench panel	5264-302-4	MSSL
Photometer Cover	Photometer Cover Wall	5264-302-6	MSSL
	Photometer cover lid	5264-302-10	MSSL
	Photometer Seal- Top	5264-302-7	MSSL
	Photometer Seal- Bottom	5264-302-8	MSSL
Spectrometer Cover	Spectrometer Cover Wall	5264-303-1	MSSL
	Spectrometer Cover Lid	5264-303-2	MSSL
	Spectrometer seals top	5264-303-4	MSSL
	Spectrometer seals bottom	5264-303-5	MSSL
FPU Supports	A Frames Stainless steel	5264-302-1	MSSL
	A frames CFRP	B3MD-00.20.017	MSSL
	Fixed Mount Cone, stainless steel	5264-302-5	MSSL
	Fixed mount CFRP cone	B3MD-00.20.022	
	A Frame Support Plates and brackets (both sides)	5264-302-14	MSSL
		5264-302-15	MSSL
		5264-302-26	MSSL
	Insulating Bush	5264-302-2	MSSL
	Special Washer	5264-302-3	MSSL
	Dowel retaining Plate	5264-302-39	MSSL
	Tubular Dowels (8mm)	5264-302-40	MSSL
	Dowel - 'A' Frame support	5264-302-41	MSSL
	Dowel - 'A' Frame Top	5264-302-42	MSSL
	Special Washer - A Frame Brackets	5264-302-43	MSSL
Photometer detector box		5264-306-1	MSSL
		5264-306-2	MSSL
		5264-306-3	MSSL
	BDA Adapter Plate (5 off)	5264-911	MSSL
	Dichroic rings	5264-310-1	MSSL
		5264-310-2	MSSL
		5264-310-3	MSSL
		5264-311-1	MSSL
		5264-311-2	MSSL
	Detector Box support Cone	5264-312	MSSL
	Detector box support cone CFRP	B3MD-00.20.004	MSSL
	Photometer Detector Box A frames supports(2 per set)	5234-313	MSSL
	Detector box support frames CFRP	B3MD-00.20.009	MSSL
	Washer	5264-313-1	MSSL
	Bushes	5264-313-2	MSSL

Spectrometer detector box		5264-307-1	MSSL
	Filter mount	5264-307-2	MSSL
	Spectrometer Detector Box supports(3 per set)	5264-307-4	MSSL
	Spectrometer Detector Box supports CFRP (3 per set)	B3MD-00.20.014	MSSL
	BDA Adapter Plate	5264-911	MSSL
	Bushes	5264-307-5	MSSL
	Scal Box	5264-314-1	MSSL
	SCAI Cover	5264-314-2	MSSL
	SCAL Exit Baffle Ring	5264-314-3	MSSL
	SCAL Baffle Clamp	5264-314-4	MSSL
	SCAL source	PFMB-000	UWC
	Secondary optical Bench	5264-305-12	MSSL
	Support PM6	5264-305-13	MSSL
	PM6 Support Spare	5264-305-19	MSSL
	Support PM8	5264-305-14	MSSL
	PM10 Support	5264-305-17	MSSL
	Support SM6	5264-305-2	MSSL
	sm6 Support Spare	5264-305-18	MSSL
	Support SM7	5264-305-3	MSSL
	Bulkhead SM6 and SM7	5264-305-15	MSSL
	Support SM8a	5264-305-4	MSSL
	Support SM9-10a	5264-305-6	MSSL
	Support SM9-10b	5264-305-7	MSSL
	Support SM11a	5264-305-8	MSSL
	Support SM11b	5264-305-9	MSSL
	Support SM12a	5264-305-10	MSSL
	Support SM12b	5264-305-11	MSSL
	SFIL2 Cold Stop	5264-305-22	MSSL
	Photometer Cold Stop Clamp PFII3	5264-306-4	MSSL
	Photometer Cold Stop PFII3	5264-306-5	MSSL
	CFIL1 Baffle Mount	5264-304-6	MSSL
	CFIL1 Baffle Clamp Ring	5264-304-7	MSSL
	PFIL2 Mount Back Plate	5264-302-12	MSSL
	PFIL2 Mount CLamp plate	5264-302-17	MSSL
	Filter Mounts - SFIL2	5264-305-20	MSSL
	Filter Mount - SFIL2 clamp ring	5264-305-21	MSSL
	SFIL2 dowels	5264-305-27	MSSL
	SBS 1and 2 Filter mount (2 per set)	5264-305-23	MSSL
	SBS 1and 2 Filter Clamp	5264-305-24	MSSL
	Clamp Plate SFIL -3	5264-307-3	MSSL
Mirrors	CM3		LAM
	CM5		LAM
	PM6		LAM
	PM7		LAM
	PM8		LAM
	PM9		LAM
	PM10		LAM

	PM11		LAM
	SM6		LAM
	SM7		LAM
	SM8A		LAM
	SM9A		LAM
	SM10A		LAM
	SM11A		LAM
	SM12A		LAM
	SM8B		LAM
	SM9B		LAM
	SM10B		LAM
	SM11B		LAM
	SM12B		LAM
	SCCA1		LAM
	SCCA2		LAM
	SCCB1		LAM
	SCCB2		LAM
Filters	CFIL1		UWC
	PFIL-2		UWC
	PFIL-3		UWC
	PDIC-1		UWC
	PDIC-2		UWC
	PFIL-4S		UWC
	PFIL-5S		UWC
	PFIL-4M		UWC
	PFIL-5M		UWC
	PFIL-4L		UWC
	PFIL-5L		UWC
	PFIL-6L		UWC
	SBS1		UWC
	SBS2		UWC
	SFIL2		UWC
	SFIL3S		UWC
	SFIL3L		UWC
	SFIL4S		UWC
	SFIL5S		UWC
	SFIL6S		UWC
	SFIL4L		UWC
	SFIL5L		UWC
	SFIL6L		UWC
	On Baffle near SM9A Mirror	BAFSM9A	RAL
	Photometer Cover -X Inner face	CMX-01	RAL
	Photometer Cover -Y Inner face	CMY-01	RAL
	Photometer Cover +Z Inner face	CPZ-01	RAL
	Below CM3 on Optical Sub-bench	OSB-01	RAL
	Below CM3 on Optical Sub-bench	OSB-02	RAL
	Phot Box Bottom Cover	PBB-01	RAL
	Phot Box Bottom Cover	PBB-02	RAL
	Phot Box Bottom Cover	PBB-03	RAL
	Photometer Box Bottom Cover	PBB-04	RAL
	Photometer Det. Box Bottom Cover	PBB-05	RAL

	Phot. Box Bottom Cover	PBB-06	RAL
	Phot. Box Lid	PBL-01	RAL
	Photometer Detector Box Spine	PBS-01	RAL
	Photometer Detector Box Spine	PBS-02	RAL
	Photometer Detector Box Spine	PBS-03	RAL
	Photometer Cold Stop	PCS	RAL
	S-Cal Box outer wall	SCB-01	RAL
	S-Cal Box inside wall	SCB-02	RAL
	S-Cal Box inside wall	SCB	RAL
	Det Box Level-0 Strat-Light Baffle	SLB	RAL
	SM 12A	SM12A	RAL
	SM12B	SM12B	RAL
	Inout Baffe Minus Y Face	SMY-01	RAL
	Inout Baffe Minus Y Face	SMY-02	RAL
	Inout Baffe Minus Y Face	SMY-03	RAL
	Inout Baffe Minus Y Face	SMY-04	RAL
	Input Baffle Minus Z face	SMZ-01	RAL
	Inout Baffe Plus Y Face	SPY-01	RAL
	Inout Baffe Plus Y Face	SPY-02	RAL
	Inout Baffe Plus Y Face	SPY-03	RAL
	Inout Baffe Plus Y Face	SPY-04	RAL
	Inout Baffe Plus Y Face	SPY-05	RAL
	Input Baffle Plus Z Face	SPZ-01	RAL
	Input Baffle Plus Z Face	SPZ-02	RAL
	Input Baffle Plus Z Face	SPZ-03	RAL
	Input Baffle Plus Z Face	SPZ-04	RAL
	Mechanism assembly	SPIRE-BSM-006-001	ATC
	Cooler s/n 1	2000-14B-000	SBT
	Bus Bar Upper	5264-306-7	MSSL
	Busbar Lower	5264-306-8	MSSL
	BDA-Busbar Flange	5264-306-9	MSSL
	Bus Connector PLW	5264-306-10	MSSL
	Bus Junction ans PMW Connector	5264-306-11	MSSL
	Bus Junction Clamp Plate	5264-306-12	MSSL
	Light Trap to Bus Junction	5264-306-13	MSSL
	Bus Connector PSW	5264-306-14	MSSL
	BDA-Busbar Flange	5264-306-15	MSSL
	PLW Bus Strap	5264-306-16	MSSL
	PMW Bus Strap	5264-306-17	MSSL
	PSW Bus Strap	5264-306-18	MSSL
	End stop Photometer Light Trap	5264-306-19	MSSL
	Light Trap Feed Through - Photometer	5264-306-20	MSSL
	Stop Bush -Bus Bar Mountings	5264-306-21	MSSL
	Light Trap Feedthrough spect.	5264-307-6	MSSL

	Light Baffle Junction	5264-307-7	MSSL
	SSW Spect. BDA to light trap strap (5N Cu not annealed)	5264-307-8	MSSL
	SLW Spect. BDA to Light Trap Strap (5N Cu not annealed)	5264-307-9	MSSL
	BDA Cold Interface Spectrometer	5264-307-10	MSSL
	Bush inner Spectrometer light trap	5264-307-11	MSSL
	Bush outer Spectrometer light trap	5264-307-12	MSSL
	Cold Strap Support	5264-307-13	MSSL
	Photometer Baffle	LTS PFM-300	UWC
	Spectrometer Baffle	LTS PFM-400	UWC
	Detector Box I/F	5264-309-02	MSSL
	Cooler Pump I/F	5264-309-02	MSSL
	Cooler Evap I/F	5264-309-02	MSSL
	PTC system s/n 2	10217660-1	JPL
Photometer LW array	10209800-1	s/n 14	JPL
Photometer MW array	10209800-2	s/n 12	JPL
Photometer SW array	10209800-3	s/n 13	JPL
Spectrometer SW	10209800-5	s/n 09	JPL
Spectrometer LW array	10209800-4	s/n 08	JPL
FM	LAM.SSP.SPI.ADP.041020		LAM
FM	PCAL assembly	PCAL-PFM-000	UWC
Box			
	RFI Filter Bracket Corner Bracket	A2/5264/302-27	MSSL
	Tempory RFI Bracket	A2/5264/302-28	MSSL
	RFI Filter Frame Edge Bracket	A2/5264/302-29	MSSL
RF Filter Modules	RF-13	10209780-1	JPL
	RF-14	10209780-2	JPL
	RF-15	10209780-3	JPL
	RF-16	10209780-4	JPL
	RF-17	10209780-5	JPL
	RF-18	10209780-6	JPL
	RF-19	10209780-7	JPL
	RF-21	10209780-8	JPL
	RF-22	10209780-9	JPL
	RF-23	10209780-10	JPL
	RF-24	10209780-11	JPL



	RF-25	10209780-12	JPL
	F1 PSW BDA J01 to HSJFP J29	relabeled J31	Tekdata
	F2 PSW BDA J02 to HSJFP J30	relabeled J32	Tekdata
	F3 PSW BDA J03 to HSJFP J31		Tekdata
	F4 PSW BDA J04 to HSJFP J32		Tekdata
	F5 PSW BDA J05 to HSJFP J33		Tekdata
	F6 PSW BDA J06 to HSJFP J34		Tekdata
	F7 PLW BDA J01 to HSJFP J35		Tekdata
	F8 PLW BDA J02 to HSJFP J36		Tekdata
	F9 PMW BDA J01 to HSJFP J37	relabeled J39	Tekdata
	F10 PMW BDA J02 to HSJFP to J38	relabeled J40	Tekdata
	F11 PMW BDA J03 to HSJFP to J39		Tekdata
	F12 PMW BDA J04 to HSJFP to J40		Tekdata
	F13 SSW BDA J05 to HSJFS J11		Tekdata
	F14 SSW BDA J06 to HSJFS J12		Tekdata
	F15 SLW BDA J01 to HSJFS J13 (plus PTC Cold harnessing – F28)		Tekdata
	F16 COOLER-P to FPU J19A		Tekdata
	F17 COOLER-R to FPU J20A		Tekdata
	F18 SCal-P to FPU J21A		Tekdata
	F19 SCal-R to FPU J22A		Tekdata
	F20 THERM-P to FPU J23A		Tekdata
	F21 THERM-R from FPU J24A		Tekdata
	F22 BSM-P to FPU J25A		Tekdata
	F23 BSM-R to FPU J26A		Tekdata
	F24 SMEC Launch (Prime) connected to FPU J27A		Tekdata
	F25 SMEC Control (Prime) connected to FPU J29A		Tekdata
	F26 SMEC Launch (Red.) connected to FPU J28A		Tekdata
	F27 SMEC Control (Red.) connected to FPU J30A		Tekdata
HSFPU Harness Filter Bracket	EMCFIL_1	CX-1030	RAL
	EMCFIL_2	CX-1030	RAL

M3,5,7 Optical Sub Bench	T_SUB_1	CX-1030	RAL
	T_SUB_2	CX-1030	RAL
Input Baffle	T_BAF_1	CX-1030	RAL
	T_BAF_2	CX-1030	RAL
BSM/SOB I/F (SOB side)	T_BSMS_1	CX-1030	RAL
	T_BSMS_2	CX-1030	RAL
SCAL Structure	T_SCST_1	CX-1030	Cardiff
	T_SCST_2	CX-1030	Cardiff
SCAL 4%	T_SCL4_1	CX-1030	Cardiff
	T_SCL4_2	CX-1030	Cardiff
SCAL 2%	T_SCL2_1	CX-1030	Cardiff
	T_SCL2_2	CX-1030	Cardiff
BSM	T_BSMM_1	CX-1030	RAL
	T_BSMM_2	CX-1030	RAL
SMEC	T_FTSM_1	CX-1030	LAM
	T_FTSM_2	CX-1030	LAM
SMEC/SOB I/F	T_FTSS_1	CX-1030	LAM
	T_FTSS_2	CX-1030	LAM
Cooler Pump	T_CPHP_1	CX-1030	CEA
	T_CPHP_2	CX-1030	CEA
Cooler Shunt	T_CSHT_1	CX-1030	CEA
	T_CSHT_2	CX-1030	CEA
Cooler Evap	T_CEV_1	CX-1030	CEA
	T_CEV_2	CX-1030	CEA
Cooler Pump Heat Switch (sieve)	T_CPHS_1	CX-1030	CEA
	T_CPHS_2	CX-1030	CEA
Cooler Evap Heat Switch (sieve)	T_CEHS_1	CX-1030	CEA
	T_CEHS_2	CX-1030	CEA
Photometer Level 0 Enclosure	T_PL0_1	CX-1030	RAL
	T_PL0_2	CX-1030	RAL
Spectrometer Level 0 Enclosure	T_SL0_1	CX-1030	RAL
	T_SL0_2	CX-1030	RAL

Unit	P No	Module s/n	Board s/n	Channel	Supplier
JFET Structure					RAL
JFET Modules 10209750-1	P1	19	42	PSW	JPL
	P2	20	50	PSW	JPL
	P3	19	44	PSW	JPL
	P4	20	51	PSW	JPL
	P5	16	40	PSW	JPL
	P6	16	45	PSW	JPL
	P7	17	43	PLW	JPL
	P8	17	41	PLW	JPL
	P9	15	35	PMW	JPL
	P10	12	22	PMW	JPL
	P11	15	34	PMW	JPL
	P12	12	23	PMW	JPL
JFET Structure					RAL
JFET Modules 10209750-1	S1	24	59	SSW	JPL
	S2	24	60	SSW	JPL
	S3	14	36	SLW	JPL
	T1	14	37	PTC	JPL

Warm Electronics

Subsystem	Serial No	Unit	Item	Drawing/Ref	Supplier
<b>DCU</b>	<b>PFM</b>	DCU			
			LIA P1		SAP
			LIA P2		SAP
			LIA P3		SAP
			LIA P4		SAP
			LIA P5		SAP
			LIA P6		SAP
			LIA P7		SAP
			LIA P8		SAP
			LIA P9		SAP
			LIA S1		SAP
			LIA S2		SAP
			LIA S3		SAP
			Data Acq - P		SAP
			Data Acq - R		SAP
			Bias - P		SAP
			Bias - R		SAP
<b>FCU</b>	<b>PFM</b>				
		PSU	PSU-P		SAP
			PSU-R		SAP
		SCU	SCU-P		SAP
			SCU-R		SAP
		MCU	MCU-P		LAM
			MCU-R		LAM
<b>DPU</b>		DPU	DPU-P		IFSI
			DPU-R		IFSI

