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		Issue	2.0
	SPIRE CONFIGURATION ITEM DATA LIST	Date	1 December 2004
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SUBJECT:	CONFIGURATION ITEM DATA LIST
PREPARED BY:	E A Clark
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DOCUMENT No:	SPIRE-RAL-PRJ-001134

APPROVED BY:	Name	Signature & Date
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Distribution

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CHANGE RECORD

ISSUE	DATE	Comments / change
1.0	04 February 2002	First issue.
1.1	16 April 2002	Subsystem CIDL list & Recommendation from IBDR incorporated
1.2	15 th May 2003	Updated for the IHDR. Model ref added
2.0	1 st December 04	IHDR Comments ACTIONED and model ref removed re CQM DRB MoM's

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1. SCOPE

This document defines the list of configured documents for the SPIRE instrument and gives the configuration status of each document. Sub system documents are covered in the relevant subsystem CIDL

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

3.1 SubSystem Configured Item Document List (CIDL)			
Doc Ref	Doc Title	Base line Status	
		Iss/Rev	Date
SPIRE-RAL-PRJ-001134	Spire Instrument CIDL (This Document)	1.1	10 Nov 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
SPIRE-IFS-DOC-001485	SPIRE DPU CIDL	1.4	10 Oct 02
SPIRE-JPL-PRJ-001910	JPL JFET Units CIDL	TBW	
SPIRE-JPL-PRJ-001911	JPL BDA CIDL	TBW	
SPIRE-JPL-PRJ-001912	JPL RF Feed through Modules	TBW	
SPIRE-LAM-PRJ-000951	LAM SMEC CIDL (spread sheet only) SPI-STM-00-LD-01-2	1.2	18 Nov 01
SPIRE-LAM-PRJ-001913	LAM Mirrors CIDL	TBW	
SPIRE-MSS-DOC-001025	Structure Document Tree for STM CIDL	1.1	29 Nov 01
SPIRE-QMW-PRJ-001099	Calibrators & Filters CIDL	1.0	07 Sep 01
SPIRE-SAP-PRJ-001908	CEA-Saclay DCU CIDL	TBW	
SPIRE-SAP-PRJ-001909	CEA-Saclay FCU-FPU CIDL	TBW	
SPIRE-SBT-PRJ-000686	SPIRE & PACS Sorption Coolers CIDL HSO-SBT-LI-010	0.0	27 Apr 01
SPIRE-STK-PRJ-001915	USK DRCU Simulator	TBW	

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3.2 Top Drawings			
Doc Ref	Doc Title	Base line Status	
		Iss/Rev	Date
SPIRE-RAL-DWG-000646	Instrument Block Diagram	2.0	7 Jun 01
MSSL/SPIRE/SP013.01	SPIRE Structure Hardware Tree	1.0	12 Jul 04
SPIRE-RAL-PRJ-000624	Grounding Scheme	1.1	1 Oct 03
MSSL/SPIRE/5264-301	SPIRE FPU General assembly	1.0	21 Jan 04
MSSL/SPIRE/5264-305	SPIRE Optical Bench assembly	1.0	10 Dec 02
MSSL/SPIRE/5264-306	2K Photometer box assenbly	1.0	10 Apr 02
MSSL/SPIRE/5264-307	2K Spectrometer Box assembly	1.0	08 Apr 02

3.3 Plans - RAL			
Doc Ref	Doc Title	Base line Status	
		Iss/Rev	Date
	Operations Management Plan	TBW	
SPIRE-RAL-DOC-001123	SPIRE SQM 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	0.3	29 May 03
SPIRE-RAL-NOT-001122	SPIRE STM Performance Test Plan	0.1	31 Jan 02
SPIRE-RAL-PRJ-000017	Product Assurance Plan	1.1	14.May.03
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	2.1	29 Mar 01
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	0.1	12 Nov 03

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3.4 Interfaces (ICD) - RAL			
Doc Ref	Doc Title	Base line Status	
		Iss/Rev	Date
SCI-PT-IIDB/SPIRE-02124	SPIRE IIDB	3.3	
SPIRE-RAL-DWG-001409	Forms Annex 1 to SCI-PT-IIDB/SPIRE-02124 SPIRE MECHANICAL INTERFACE DRAWINGS	2.0	8 Oct 02
SPIRE-RAL-PRJ-000450	Spire System Budget	4.0	01 Jun 03
SPIRE-RAL-PRJ-000608	SPIRE Harness Definition Document	1.1	5 Mar 03
SPIRE-RAL-PRJ-000728	Cryogenic Interface Thermal Mathematical Model	2.1	20 Jan 03
SPIRE-RAL-PRJ-001078	Spire Data ICD	1.0	15 Jan 03
SPIRE-RAL-PRJ-000560	Thermal Configuration Control	0.9	04 Feb 02

3.5 Interfaces (ICD) - Subsystems			
Doc Ref	Doc Title	Base line Status	
		Iss/Rev	Date
SPIRE-ATC-PRJ-001171	BSM ICD	3.1	26 Nov 03
SPIRE-IFS-PRJ-000650	Spire DPU ICD;	1.4	24/03/03
SPIRE-JPL-PRJ-001181	Detectors (BDA) ICD	1.0	25/06/03
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)	1.0	14/Feb/03
SPIRE-SBT-PRJ-000690	Spire & PACS Sorption Coolers ICD	1.3	07/12/01
SPIRE-UCF-PRJ-001149	SCAL ICD	2.0	06 Feb 02
SPIRE-UCF-PRJ-001150	PCAL ICD	2.0	06 Feb 02
SPIRE-UCF-PRJ-001151	UCF Filters ICD	2.2	02 Oct 02

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3.6 Specifications - RAL			
Doc Ref	Doc Title	Base line Status	
		Iss/Rev	Date
SPIRE-RAL-PRJ-000034	SPIRE Instrument Requirement Document	1.2	30 May 03
SPIRE-RAL-PRJ-000320	SPIRE Operating Modes	3.0	04 Jan 02
SPIRE-RAL-PRJ-000592	Instrument Qualification Requirements	1.1	29 Mar 01
SPIRE-RAL-PRJ-000620	SPIRE Design description	2.0	15 May 03
SPIRE-RAL-PRJ-000910	DRCU Simulator User requirements Document	1.0	29 Nov 01
SPIRE-RAL-PRJ-001064	SPIRE Calibration Requirements	0.0	03 Jan 02
SPIRE-RAL-PRJ-001323	300mk Strap System Requirements	0.1	4 Jul 02
SPIRE-RAL-PRJ-001855	SPIRE Autonomy requirements Specification.	0.2D	7 Jan 04

3.7 Specifications. – Subsystems			
Doc Ref	Doc Title	Base line Status	
		Iss/Rev	Date
SPIRE-ATC-PRJ-000460	Beam Steering Mirror subsystem Specification	3.7	11 Sep 03
SPIRE-IFS-PRJ-000444	ON board \software URD	1.2	15 May 03
SPIRE-IFS-PRJ-000462	DPU Subsystem Specification	1.2	26 Nov 01
SPIRE-IFS-PRJ-001036	Onboard software Specification Document	1.0	11 Jun 03
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(D)	20 Jan 03
SPIRE-SBT-PRJ-000458	SPIRE & PACS Sorption Coolers Specification	3.3	20 Nov 01
SPIRE-UCF-PRJ-000064	SPIRE Science Requirements Document	3.0	21 Nov 00

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3.8 Lists			
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SPIRE-RAL-PRJ-000455	Major Milestone List	1.0	31 Jan 02
SPIRE-RAL-PRJ-002165	Qualification Matrix	2.0	12 Nov 04
SPIRE-RAL-PRJ-002095	CQM Verification Matrix (VCD)	1.1	1 Dec 04
SPIRE-RAL-PRJ-001079	SPIRE NCR Status list	1.0	11 Nov 03
SPIRE-RAL-PRJ-001080	Engineering Change Request List	1.0	15 May 03
SPIRE-RAL-PRJ-001081	Request For Waiver List	1.0	15 May 03
SPIRE-RAL-PRJ-001092	Combined Declared Materials List	1.0	15 May 03
SPIRE-RAL-PRJ-001093	Combined Declared Processes List	1.0	15 May 03
SPIRE-RAL-PRJ-001094	Combined Declared Mechanical Parts List	1.0	15 May 03
SPIRE-RAL-PRJ-001095	Combined Declared EEE Parts list	1.0	15 May 03
SPIRE-RAL-REP-001670	PAD Status List	1.0	15 May 03
SPIRE-RAL-DOC-002069	SPR/SCR List.	1.0D	02 Jul 04
SPIRE-IFS-PRJ-001596	DPU AVM Verification Control Matrix	1.0	11 Apr 03
SPIRE-UCF-PRJ-001138	Critical Items List	1.0	04 Feb /02

3.9 Plans - Subsystems			
Doc Ref	Doc Title	Base line Status	
		Iss/Rev	Date
SPIRE-ATC-PRJ-000736	BSM Subsystem Test Plan	4.0	5 Nov 03
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	0.3	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	07 Dec 01
SPIRE-UCF-PRJ-001686	300mk Strap Supports MAIV Flow Chart	1.0	10 Feb 03

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3.10 Procedures

Doc Ref	Doc Title	Base line Status	
		Iss/Rev	Date
SPIRE-RAL-DOC-001049	CQM Instrument Level Test Plan	2.0	8 Jul 04
SPIRE-MSS-PRJ-001650	Structure Assembly, Integration & Handling Procedure	3.0	22 May 03
SPIRE-RAL-DOC-001578	SPIRE Cold Optical Alignment Procedure	1.0	17 Jun 03
SPIRE-RAL-DOC-001888	Cold Verification 1-Master Procedure	0.1	10 Dec 03

3.11 Reports

Doc Ref	Doc Title	Base line Status	
		Iss/Rev	Date
SPIRE-RAL-DOC-001293	SPIRE Safety Submission	2.0	10 Jul 02
SPIRE-RAL-NOT- 001704	Harness Derating Analysis	1.0	15 May 03

3.12 Work Statements

Doc Ref	Doc Title	Base line Status	
		Iss/Rev	Date

3.13 Manuals

Doc Ref	Doc Title	Base line Status	
		Iss/Rev	Date
	Instrument Users Manual	TBW	
	Flight Operations Manual	TBW	
SPIRE-IFS-PRJ-001391	SPIRE OBS User Manual	0.5	28 Nov 02