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SUBJECT: CONFIGURATION ITEM DATA LIST

PREPARED BY: E A Clark

MODIFIED BY E A Clark

DOCUMENT No: SPIRE-RAL-PRJ-001134

ISSUE: Issue 1.1 Date: 16 April 2002

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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 |

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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)

| Subsys | Document Ref | Document Title | Issue | Rev | Date |
|------------|----------------------|---------------------------------------|-------|-----|-----------|
| ATC | SPIRE-ATC-PRJ-001054 | BSM CIDL | 1 | 0 | |
| CDF | SPIRE-QMW-PRJ-001099 | Calibrators & Filters CIDL | 1 | 0 | 23 Jan 02 |
| CEA/Sap | | | | | |
| CEA/SBT | HSO-SBT-LI-010 | SPIRE & PACS Sorption Coolers CIDL | 0 | 0 | 10 May 01 |
| CSA | | | | | TBW |
| IFS (IFSI) | SPIRE-IFS-DOC-001033 | SPIRE DPU Configuration Status List | 1 | 0 | 23 Nov 01 |
| JPL | | | | | |
| LAM | SPI-STM-00-LD-01-2 | LAM CIDL (<i>spread sheet only</i>) | | | 18 Nov 01 |
| MSSL | SPIRE MSS DOC 001025 | Structure Document Tree for STM CIDL | 1 | 0 | 26 Nov 01 |
| | | | | | |
| | | | | | |

3.2 Drawings

| Doc Ref | Doc Title | Issue | Rev | Date |
|----------------------|--------------------------|-------|-----|---------|
| SPIRE-RAL-DWG-000646 | Instrument Block Diagram | 3.7 | 0 | 8/01/02 |
| | | | | |
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| <h1>SPIRE</h1> | Project Document | Ref | SPIRE-RAL-PRJ-001134 |
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3.3 Specifications

| Doc Ref | Doc Title | Issue | Rev | Date |
|-----------------------|---|-------|-----|----------|
| HSO-SBT-SP-001 | SPIRE & PACS Sorption Coolers Specification | 3 | 2 | 31/10/01 |
| SPIRE-IFS-PRJ-000444 | ON board \software URD | 1 | 0 | 28/09/00 |
| SPIRE-RAL-PRJ-0000033 | Configurable Documents Tree | 3.5 | 0 | 21/08/01 |
| SPIRE-RAL-PRJ-000034 | SPIRE Instrument Requirement Document | 1.1 | 0 | 10/01/02 |
| SPIRE-RAL-PRJ-000064 | SPIRE Science Requirements Document | 3 | 0 | 21/11/00 |
| SPIRE-RAL-PRJ-000320 | SPIRE Operating Modes | 3 | 0 | 04/01/02 |
| SPIRE-RAL-PRJ-000560 | Thermal Configuration Control | D2 | 0 | 22/11/00 |
| SPIRE-RAL-PRJ-000592 | Instrument Qualification Requirements | 1.1 | 0 | 29/03/01 |
| SPIRE-RAL-PRJ-000910 | DRCU Simulator User requirements Document | 1 | 0 | 29/11/01 |
| SPIRE-RAL-PRJ-001064 | SPIRE Calibration Requirements | Draft | 0 | 03/02/02 |
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3.4 Interfaces

| Doc Ref | Doc Title | Issue | Rev | Date |
|-----------------------|--|-------|-----|----------|
| Not Numbered | Spire System Budget (Spread Sheet) | 3.4 | 0 | 24/07/01 |
| HSO-SBT-ICD-012 | Spire & PACS Sorption Coolers ICD | 1 | 2 | 31/07/01 |
| MSSL/SPIRE/SP004.11 | Structure Mechanical ICD | 1.1 | 0 | 29/11/01 |
| Sap-SPIRE-Cca-24-00 | DPU/DRCU Electrical ICD | 0.2 | | 21/6/00 |
| SPL.PFM.00.R1.01 A | LAM ICD | 0.1 | A | 3/10/01 |
| SPIRE ICD-1.1/1.2.1 | Structure Filters ICD | 1 | | 13/7/00 |
| SPIRE/IFS/PRJ/000650 | Spire DPU ICD | 1 | 0 | 02/04/01 |
| SPIRE/MSSL/PRJ-000294 | Structure Optics ICD | 1 | 0 | Aug 99 |
| SPIRE-BSM-020-001-004 | PCAL Space Envelope | | 2 | 12/06/01 |
| SPIRE-BSM-021-003-001 | BSM-PCAL Assembly ICDI | | 2 | 28/6/01 |
| SPIRE-LAM-PRJ-000446 | Optical Error Budget | 4 | 01 | 17/02/02 |
| SPIRE-MSS-PRJ-000331 | Structure-Cooler ICD | 1 | | 13/7/00 |
| SPIRE-PRJ-MSS-000298 | Structure SMEC-m ICD | 1 | | 13/7/00 |
| SPIRE-QMW-PRJ-000648 | Spire Calibrators Software Interface Req | | | 10/04/01 |
| SPIRE-QMW-PRJ-000649 | Spire Calibrators Electrical Interface Req | | | 10/04/01 |
| SPIRE-RAL-PRJ-000608 | Harness Definitions | 0.8 | A | 12/12/01 |
| SPIRE-RAL-PRJ-000728 | Cryogenic Interface Thermal Mathematical Model | 1 | 0 | 20/06/01 |
| SPIRE-RAL-PRJ-001078 | Spire Data ICD (Draft 1) | 1 | 0 | 15/01/02 |
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3.5 Lists

| Doc Ref | Doc Title | Issue | Rev | Date |
|----------------------|---|-------|-----|----------|
| SPIRE-RAL-PRJ-000455 | Major Milestone List | 1.3 | 0 | 31/01/02 |
| SPIRE-RAL-PRJ-001079 | Non Conformance Reports List | 1 | 0 | 28/01/02 |
| SPIRE-RAL-PRJ-001080 | Engineering Change Request List | 1 | 0 | 29/01/02 |
| SPIRE-RAL-PRJ-001081 | Request For Waiver List | 1 | 0 | 30/01/02 |
| SPIRE-RAL-PRJ-001092 | Combined Declared Materials List | 1 | 0 | 25/01/02 |
| SPIRE-RAL-PRJ-001093 | Combined Declared Processes List | 1 | 0 | 30/01/02 |
| SPIRE-RAL-PRJ-001094 | Combined Declared Mechanical Parts List | 1 | 0 | 30/01/02 |
| SPIRE-RAL-PRJ-001095 | Combined Declared EEE Parts list | 1 | 0 | 25/01/02 |
| SPIRE-UCF-PRJ-001138 | Critical Items List | 1 | 0 | 04/02/02 |
| SPIRE-RAL-PRJ-000TBA | Qualification Matrix | | | |
| SPIRE-RAL-PRJ-000TBA | Design Verification Matrix | | | |

3.6 Plans

| Doc Ref | Doc Title | Issue | Rev | Date |
|-----------------------|---|-------|-----|----------|
| | AIT Plan for the SPIRE Instrument | | | |
| | SPIRE ADP, Manufacturing/Assembly Records and Logbooks. | | | |
| S-R-P-000410 | AIV Plan | 2.1 | 0 | 29/03/01 |
| SPIRE-RAL-DOC-000775 | AIV Facilities Verification Matrix | | | |
| SPIRE-RAL-PRJ-000017 | Product Assurance Plan | 1 | 0 | 11/04/01 |
| SPIRE-RAL-PRJ-000018 | Spire Science Implementation Plan (DRAFT) | 0.1 | 0 | 16/02/98 |
| SPIRE-RAL-PRJ-000029 | Spire Management plan | 1.1 | 0 | 13/09/00 |
| SPIRE-RAL-PRJ-000030 | SPIRE Product Tree (DRAFT) | 2 | 0 | 12/04/01 |
| SPIRE-RAL-PRJ-000032 | SPIRE Document Management Plan | 1.1 | 0 | 13/09/00 |
| SPIRE-RAL-PRJ-000035 | Spire Instrument Development Plan | | | |
| SPIRE-RAL-PRJ-0001106 | ICC Software Configuration Plan | 1.1 | 0 | 01/02/02 |
| SPIRE-RAL-PRJ-000626 | SPIRE Configuration Management Plan | 1.3 | 0 | 28/02/02 |
| SPIRE-RAL-PRJ-000852 | EMC Control Plan (DRAFT for comment) | 0.2 | 0 | 4/02/02 |
| SPIRE-RAL-PRJ-001070 | Cleanliness Plan | 1 | 0 | 9/01/02 |
| TBW | Operations Management Plan | | | |

3.7 Procedures

| Doc Ref | Doc Title | Issue | Rev | Date |
|---------|--|-------|-----|------|
| TBW | Transport handling and integration procedure | | | |

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