

 <p>IFSI CNR</p>	<p><b>Herschel SPIRE DPU AVM Configuration Status List</b></p>	<p><b>Ref.:</b> SPIRE-IFS-DOC-001033 <b>Issue:</b> Issue 1.4 <b>Date:</b> 10/10/2002</p>
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# SPIRE

## DPU AVM Configuration Status List

Document Ref: SPIRE-IFS-DOC-001033

Issue 1.4

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## Document Status Sheet

Issue	Revision	Date	Reason for Change
Issue 1		23/11/2001	First Issue
Issue 1	1	11/02/2002	Updating for IBDR
	2	11/02/2002	More documents added
	3	23/7/2002	More documents added
	4	10/10/2002	Introduced the new document SPIRE DPU CIDL

## Document Change Record

<b>Document Title:</b> SPIRE DPU Configuration Status List	
<b>Document Reference Number:</b> SPIRE-IFS-DOC-001033	
<b>Document Issue/Revision Number:</b> Issue 1.4	
Section	Reason For Change
All	<b>Issue 1.0</b>
	<b>ISSUE 1.1</b>
	Added CGS Test Procedures
	<b>Issue 1.2</b>
	Added Derating and Worst case Analysis
	Added DPU/ICU Spacecraft Interface Acceptance Test Plan
	<b>Issue 1.3</b>
	Added a sequence of numbers
	Added Test Reports
	Added 1553B Test Report
	<b>Issue 1.4</b>
	Introduced the new document "SPIRE DPU Configuration Item Data List" and deeply changed the present document, including the title



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Date: 10/10/2002

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## Acronyms

AD	Architectural Design
ATP	Acceptance Test Plan
AVM	Avionic Model
BSW	Basic SW
CGS	Carlo Gavazzi Space
CIDL	Configuration Item Data List
CSL	Configuration Status List
CNR	Consiglio Nazionale delle Ricerche
CPP	Coordinated Parts Procurement
CPP	Coordinated Parts Procurement Board
CPU	Control Processing Unit
CDMS	Central Data Management System
CDMU	Central Data Management Unit
CQM	Cryogenic Qualification Model
DCU	Detector Control Unit
DDD	Detailed Design Document
DPU	Digital Processing Unit
EEPROM	Electrically Erasable Programmable Read Only Memory
EMC	Electro Magnetic Compatibility
EMI	Electro Magnetic Interference
ESA	European Space Agency
FIRST	Far InfraRed and Submillimeter Telescope
HK	HouseKeeping
HW	HardWare



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IBDR	Instrument Baseline Design Review
ICD	Interface Control Document
ICDR	Instrument Critical Design Review
ICU	Instrument Control Unit
IHDR	Instrument Hardware Design Review
IFSI	Istituto di Fisica dello Spazio Interplanetario
ISVR	Instrument Science Verification Review
MCU	Mechanism Control Unit
NA	Not Applicable
OBS	On-Board Software
PA	Product Assurance
PDU	Power Distribution Unit
PROM	Programmable Read Only Memory
S/C	SpaceCraft
SCC	SpaceCraft Components
SCU	S..... Control Unit
SEU	Single Event Upset
SPIRE	Spectral and Photometric Imaging Receiver
S/S	SubSystem
SVM	Service Module
SW	Software
TBC	To Be Confirmed
TBD	To Be Defined
TBW	To Be Written
TV	Thermal Vacuum
WBS	Work Breakdown Structure

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## 1 INTRODUCTION

### 1.1 SCOPE

The purpose of this document is to define the current status of the AVM DPU development in view of its delivery and is part of the EIDP.

The various NCR, RFW, CN will be listed and their status recorded.

The update of this list will be annexed to the AVM DPU progress report.

## 2 DOCUMENTS

### 2.1 APPLICABLE DOCUMENTS

AD	Name
01	Herschel/Planck Instrument Interface Document, part A
02	Herschel/Planck Instrument Interface Document, part B-Instrument SPIRE
04	SPIRE Instrument Specification
07	DPU/ICU P.A.Plan
10	DPU/ICU OBS PA Plan

### 2.2 Reference documents

Reference Document	Name

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### **3 LIST OF NON CONFORMANCE REPORTS (NCR)**

None

### **4 LIST OF REQUESTS FOR WAIVERS (RFW)**

None

### **5 LIST OF CHANGE REQUESTS**

None