

Notes to SPIRE ICC Review Board

Review Board

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Laurent Vigroux	SPIRE Co-PI & CEA
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Aims & Objectives

The main objective is to ensure we have described an ICC system that covers SPIRE's needs, i.e. fulfils the ICC's mission statement (to follow). This will be achieved by reviewing (i) a document that aims to cover all potential ICC scenarios and (ii) a set of use-cases that provides a high-level description of how the system will be used.

Mission Statement

The primary role of the SPIRE Instrument Control Centre (ICC) is to make possible the delivery of scientifically useful data products to observers using the SPIRE instrument on the Herschel satellite. It does this by:

- providing the necessary software and expertise to allow the definition of astronomical observations and associated calibration and engineering observations
- providing the necessary software and expertise to allow the processing of data taken from these measurements into usable products.
- monitoring and maintaining the instrument scientific performance throughout the mission

Documents

Title	File Name	Number	Importance	Source	Version	PP
Scenarios document	SPIRE ICC Scenarios 1.0	SPIRE-RAL-DOC-001195	To be reviewed	Tanya	Issue 1.0 3 May 2002	38
Summary Level Use cases (part I)	UC-Issue_1.0	SPIRE-SAP-DOC-001241	To be reviewed	Marc	Issue 1.0 15 Mar 2002	94
lower level use cases (part II)	ibid	ibid	For information only	Marc	Issue 1.0 15 Mar 2002	100
SIRD	Herschel-SIRD_Issue1.1_21May01	SCI-PT-03646	For information	ESA	Issue 1.1 18 May 2001	82
Ground Segment	HGSDD-v1.1	FIRST/FSC/	For	ESA	Issue	72

Design Description		DOC/0146	information		1.1 10 Dec 2001	
Ground Segment Interface Requirements	011206 .FGSIRD (Issue 2.0)	FIRST/HSC/ DOC/0117	For information	ESA	Issue 2.0 06 Dec 2001	64
Ground Segment List of ICDs	HGSICDs_v1.1	FIRST/FSC/ DOC/0150	For information	ESA	Issue 1.1 19 Dec 2001	21
FIRST Operations Scenarios	FIRST _Operations _Scenario _Document	FIRST/FSC/ DOC/0114	For information	ESA	Issue 1.0 12 Nov 2000	86
SIP	SIP (Issue 1.1D2)	SPIRE- RAL-PRJ- 000018	For information	Ken	Issue 1.1 D2 18 Mar 2002	50
SLUC→Workpackages Matrix			For information	Matt		
Workpackages			For information	Matt		
SIRD-URD Matrix	Requirements -SIRD-v1.1	x	Historical, for information	Seb	Issue 1.1 3 May 2002	9
User Requirement Document	URDS-V1	SPIRE- SUX-DOC- 001239	Historical, for information	Seb	Issue 1.0 3 May 2002	82
Externally fulfilled requirements			For information	Sunil		

Historical documents were used in the production of the Summary Level Use-cases but are no longer maintained and so are not live documents but may be of interest to the review team in seeing how the review documents came about.