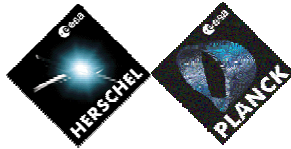




**Herschel/Planck**  
HPSDB Release Note  
Object name: SPIRE\_MOD  
(SCOS Files - AIT Filter)  
Product Code: 460000

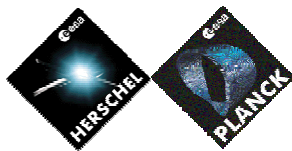
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<i>Verified by</i>	
F. Chatte	Ground Segment Interface and Operation Manager
B. Collaudin	Instrument Interface Manager
F. Bernat	PA Software
D. Montet	Herschel Satellite Manager
<i>Approved by</i>	
J.M. Reix	Deputy Project Manager

*Waiting for signatures*



### DISTRIBUTION RECORD

DOCUMENT NUMBER : H-P-2-ASP-LI-1424		Issue : 3.0	
		Date: 28/02/2008	
EXTERNAL DISTRIBUTION		INTERNAL DISTRIBUTION	
ESA	X	HP team	X
ASTRIUM	X		
CONTRAVES			
TICRA			
TECNOLOGICA			
SPIRE	X		
		Clf Documentation	Orig.

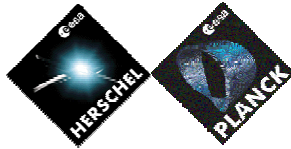


ISSUE	DATE	§ CHANGE RECORDS	AUTHOR
1.0	20/08/2007	Draft issue	J Vila-Lobos
2.0	14/12/2007	For system tests	J Vila-Lobos
3.0	28/02/2008	For SPIRE IEGSE during IST Tests § Loading of new Mib SPIRE v 2.2 H1 PR § Update Cryo Data at System level New Generic Data V 10.0 (no impact on SPIRE Data)	S Dos Santos

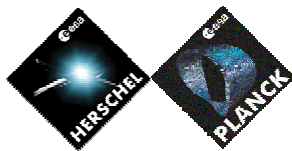


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## 1. INTRODUCTION

From: Central Site HPSDB v 3.3.1.30

To: SPIRE

Object: Theoretical Model SPIRE\_MOD

File Type: SCOS

Filter: AIT User

File: R\_TM\_SPIRE\_MOD\_S\_802281705.zip

Date- 28/02/2008

Reason: For SPIRE IEGSE during IST Tests

- o Loading of new Mib SPIRE v 2.2 H1 PR
- o Update Cryo Data at System level

New Generic Data V 10.0 (no impact on SPIRE Data)

## 2. CONFIGURATION ITEM

Number: 460000

Name: HPSDB – Data: Theoretical Model SPIRE\_MOD

## 3. SUPPLIER NAME

Thales Alenia Space – France

## 4. APPROVED BY

Refer to cover page

## 5. INPUT

Generic Data [RD1]

Level: Generic

SPIRE - see [RD2]

Level: Subsystem

Cryostat - see [RD3]

Level: Subsystem

### 5.1 Input - Missing Data

None

### 5.2 Input – Changes

#### 5.2.1 Generic Data [RD1]

None



## 5.2.2 SPIRE subsystem [RD2]

None

## 5.2.3 CRYOSTAT subsystem [RD3]

None

## 5.2.4 System data [RD4]

### XML Loading [RD4]

Cryo Data at System Level (Suppression of reference to D subsystem):

Alphanumeric display overwrite:

ZAK02999

ZAK03999

ZAK04999

ZAK06999

ZAK07999

ZAK08999

ZAK09999

ZAK10999

ZAK11999

TM packets overwrite: 999TMPKA142999 links to SPID 260142999 change to SPID 260141999 (SPID 260142999 is useless)

TM packets overwrite: 999TMPKA145999 links to SPID 260145999 change to SPID 260144999 (SPID 260145999 is useless)

SPID 260140999, 260141999, 260143999 and 260144999 CCU data replaced by structures (CCU monitoring and DLCM)

## 6. DBAMN

ValDatReq	DBAMN	Number	Description	Impacted Boxes
136-Herschel	DBAMN-H-	260	§ SPIRE v 2.2 H1 PR § Change Subschedule 30 to 370 (CCF_SUBSCHED=370) on SPIRE FM (S002)	TE: SPIRE_OBS_N SPIRE_DPU_N SPIRE_DCU_N SPIRE_MCU_N SPIRE_SCU_N SPIRE_TCV_N  TS: S002
138-Herschel	DBAMN-H-	262	System modification for Herschel instrument	TM: SPIRE_MOD



## 7. OUTPUT

### 7.1 Output-File

#### 7.1.1 Output-File Data

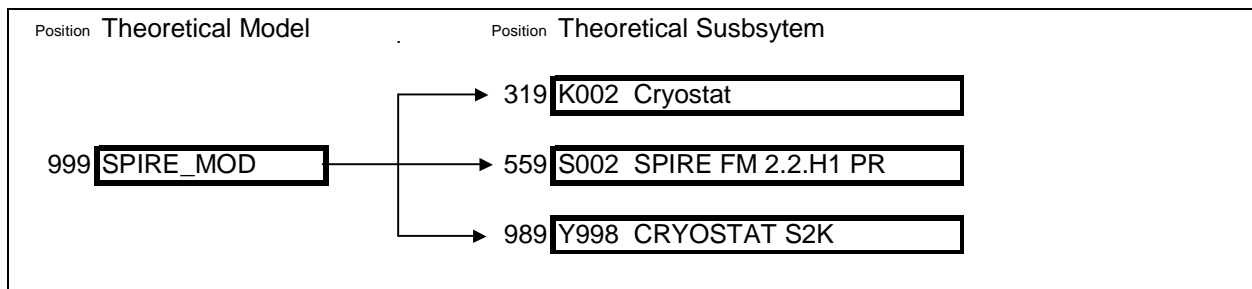


Figure 1 - Model SPIRE\_MOD

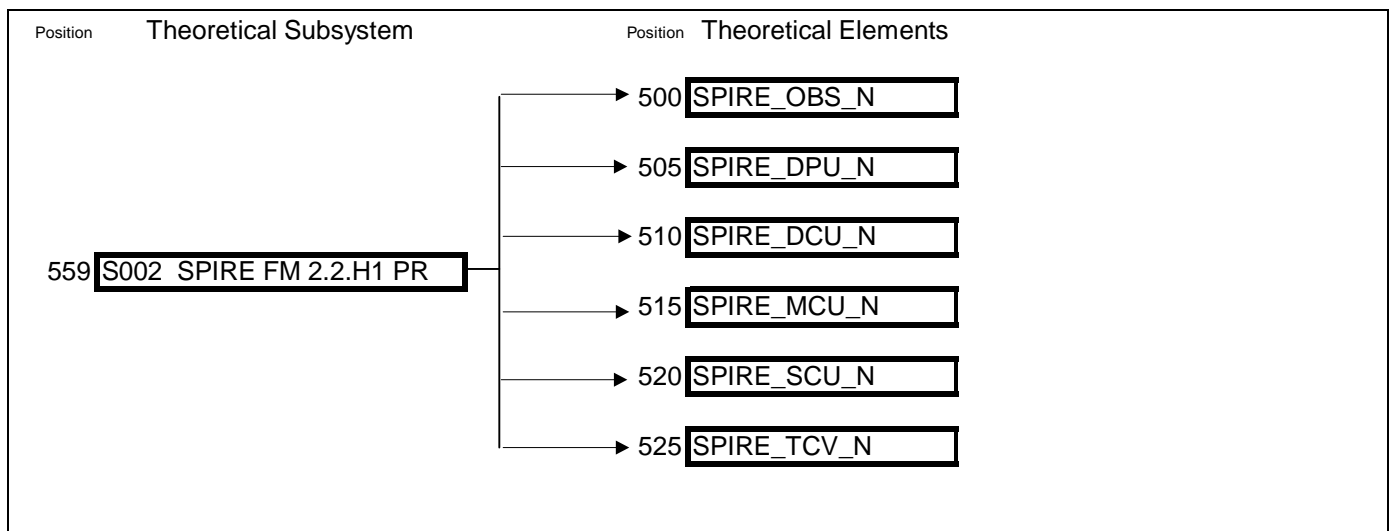


Figure 2 - Theoretical Subsystem S002 (SPIRE)

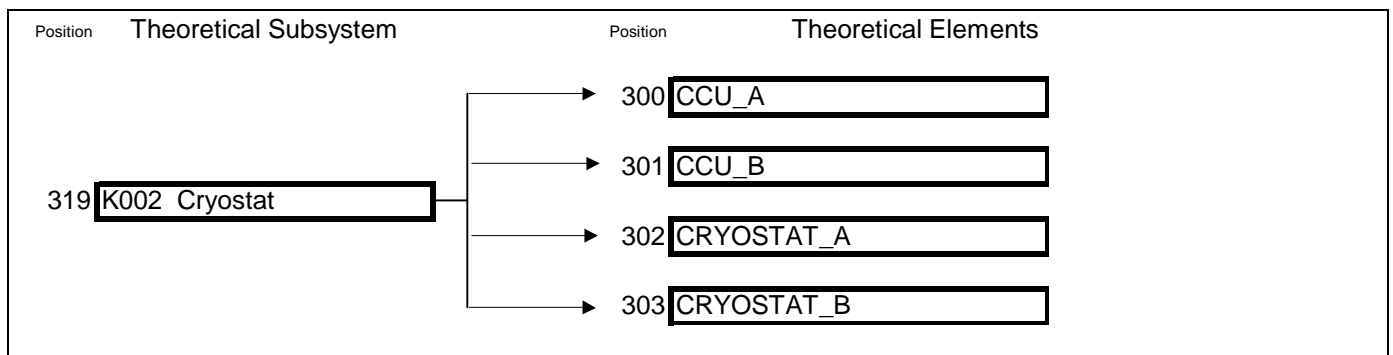


Figure 3 - Theoretical Subsystem K002 (Cryostat)

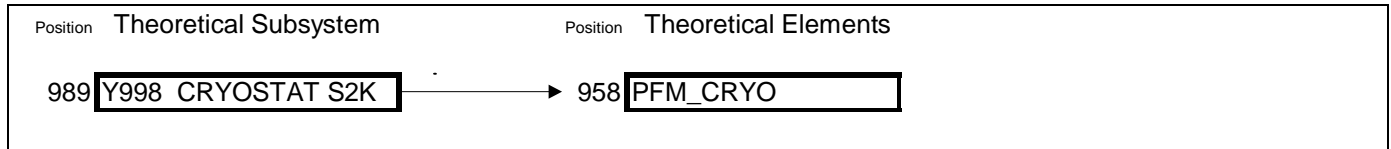


Figure 4 - Theoretical Element Y998 (CRYO SCOE)

### 7.1.2 Output-File Changes

None

### 7.2 Output-File compliance

[AD1] and [AD2]

#### 7.2.1 Output File Type

SCOS Files [(AD1)]

#### 7.2.2 HPSDB Version

HPSDB 3.3.1.30

### 7.3 Version/Release Number

H-P-2-ASP-LI-1424 v 03.0

### 7.4 Generation Date

28/02/2008

### 7.5 Checksum Type

MD5

### 7.6 Checksum Value

cccca055b0532fe80f74a9e08f7556fb

### 7.7 Delivered Files

This delivery (one unique zip file: H-P-2-ASP-LI-1424\_issue03.zip) contains 5 files:

1. A pdf document: this release note H-P-2-ASP-LI-1424\_issue03.pdf
2. A zip file generated by HPSDB: R\_TM\_SPIRE\_MOD\_S\_802281705.zip  
with the following convention:



- a. <Area>\_<Box>\_<Object name>\_<MIB type>\_<Date>\_<M>.zip
- Where <Area> is "R" for Reference area (configured)  
 "A" for Archive area (configured)  
 "W" for Working area (not configured by HPSDB)
- <Box> is "TE" for Theoretical Element  
 "TR" for Real Element  
 "TS" for Theoretical Subsystem  
 "TR" for Real Subsystem  
 "TM" for Theoretical Model  
 "RM" for Real Model
- <Object name> is the data base object unique (with <Box>) identifier
- <MIB type> is "C" for CCS MIB files  
 "S" for S2K MIB files  
 "M" for MCS MIB files
- <Date> is <Y><MM><DD><HH><MN> for date of generation
- <M>- (Optional) Indicates if there are manual updates

3. [RD1]

4. [RD2]

5. [RD4]

## 8. APPLICABILITY

For SPIRE IEGSE in Herschel system configuration.

## 9. APPLICABLE AND REFERENCE DOCUMENTS

### 9.1 Applicable documents

AD	Title	Reference	Issue /version
[AD1]	CCS - external ICD	H-P-4-TE-ID-8020	01/08
[AD2]	Naming Convention	H-P-ASPI-SP-0141	02/02

### 9.2 Reference documents

RD	Title	Reference	Issue /version
[RD1]	Generic Data Collection	H-P-1-ASP-TN-0543	10.0
[RD2]	SPIRE_MIB FM 2.2 H1 PR Release Note	SPIRE_MIB_FM_2.2.H1_PR_R_16Nov2007	FM_2.2.H1_PR
[RD3]	Cryostat	None	None



[RD4]	Include Cryo Data at Model Level	N/A	01/00
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## 10. KNOWN PROBLEMS OR MISSING DATA

None

## 11. DELIVERY

TBD

## 12. ANNEX – NCR STATUS

### 12.1.1 [RD2] SPIRE 2.2 H1 PR release note

2431	H-P-200000-ASP-NC-2431	- P-200000 PLANCK SATELITE - P-110000 HERSCHEL INSTRUMENTS AND TELESCOPE (CFE) - P-210000 PLANCK INSTRUMENTS ( CFE ) - 461200 SVM data - 460000 Data base - 461100 Instrument data - P-230000 PLANCK SVM	No possibility to add monitoring on TM event 5.1, 5.2, 5.4	Release Note SPIRE MIB 2,2 H1 PR: All TM(5,2) and TM(5,4) events now have the SPIRE_ prefix in the PID_DESCR field. These exception and alarm events now have the PID_EVENT field set to W and A respectively. Changes made in response to email from Felix Chatte 11/01/2008, ref H-P-TAS-LT-10006 (consequence of Planck NCR 11635).
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**END OF DOCUMENT**