



HERSCHEL / PLANCK

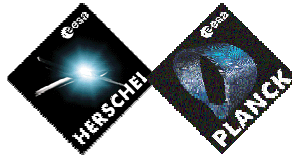
Release Note

Object name: AVM_HER + HER_INST
(CCS files – AIT filter)

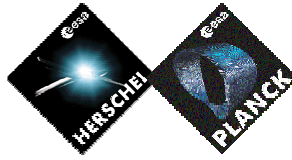
Product Code: 460000

Rédigé par/ Written by	Responsabilité-Service-Société Responsibility-Office -Company	Date	Signature
B. Carvalho	Database Manager	15/01/2007	
Vérifié par/Verified by			
F. Chatte	Ground Segment Interface and Operation Manager	18.01.07	
F. Sauvage	Command / Control Manager	18.01.07	
P. Rideau	HP System Engineer Manager	19/01/07	
Y. Roche	Herschel Engineering Manager	18 JAN 07	
D. Montet	Herschel Satellite Manager	18.01.07	
E. Fauchier	PA Software	19.01.07	
Approbation/Approved	<i>ANREIX</i>	19.01.07	

Entité Emettrice : Alcatel Alenia Space - France
détentrice de l'original) :



HERSCHEL/PLANCK		DISTRIBUTION RECORD	
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ENREGISTREMENT DES EVOLUTIONS / CHANGE RECORDS

ISSUE	DATE	§ : DESCRIPTION DES EVOLUTIONS § : CHANGE RECORD	REDACTEUR AUTHOR
1	15/01/2007	First issue	B. Carvalho

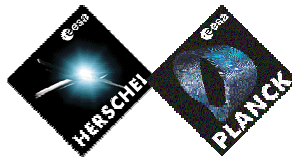
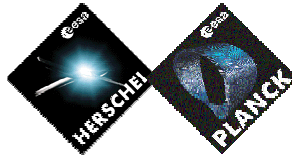


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0 INTRODUCTION

This delivery includes a manual merge between the Herschel SVM data, provided by AAS-I, and the Herschel Instruments.

These are CCS files, generated from HPSDB theoretical models ("HER_INST" on AAS-F Central site and "AVM_HER" on AAS-I Mirror site) with an AIT user filter.

This data is to be used on Herschel AVM Warm Units integration, Herschel S/C IST (on Flight Model).

1 CONFIGURATION ITEM

Number: 460000

Name: HPSDB – Data: Herschel SVM including cryostat Subsystem data (K002) from AAS-I , Instruments and EGSE.

2 SUPPLIER NAME

Alcatel Alenia Space – France

3 APPROVED BY

Refer to cover page

4 INPUT

This chapter provides the changes which have been performed on the input files, delivered by subcontractors or instruments, in order to be consistent with all the constrains (System, HPSDB, Naming Convention, CCS or SCOS ICD).

These input files were ingested into HPSDB.

4.1 Input - Missing Data

Objects: Bus Profile (Theoretical Element: "H_DEF_BPROF")

Items: None

Tables: TMD, TCD

Attributes: Monitoring Data incomplete

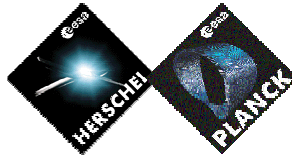
4.2 Input - Changes

4.2.1 HIFI

Due to H-P-461100-ASP-NC -2570

```
CVS: THIS IS AN ERROR ON MIB ICD
```

```
Error in file cvs.dat - line 37. INTERVAL between 0 and 32767.
```



Offending line:
136 C R 0 65535

Action taken: limited INTERVAL to maximum accepted

corrected line:
136 C R 0 32767

4.2.2 SPIRE

Due to H-P-461100-ASP-NC-2567
cdf.dat

line 221: Fixed Areas must contain either a Parameter Value or a reference to a Constant.

before:
SC006500 A SPARE_STARTMONITORING 8 8 0

after: (value set to 0)
SC006500 A SPARE_STARTMONITORING 8 8 0 0

Due to H-P-461100-ASP-NC-2566
ocp.dat

Invalid parameter references: Naming convention not respected,
parameters refer to parameters outside their box

Affected field: OCP_RLCHK
Affected lines: 17-52; 97-459

Action taken: removed offending references

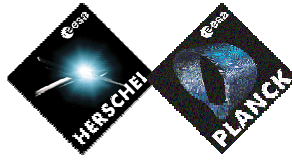
4.2.3 H-IEGSE

Changes were performed on data due to the following NCRs:

H-P-461100-ASP-NC-2612
H-P-461100-ASP-NC-2613
H-P-461100-ASP-NC-2615
H-P-461100-ASP-NC-2616
H-P-461100-ASP-NC-2620

5 OUTPUT

This chapter provides all information relevant to the output files that are the subject of this release note and that are to be used on CCS by AIT teams: name, check sum, contents and versions.



5.1 Output-File

R_TM_HER_INST_C_701111157_merged_R_TM_AVM_HER_C_612052029.zip

5.1.1 Output-File Data

SVM with:

H CDMS - CDMU H OBS 2.6.2 including CDMU H BSW 1.2.0

H ACMS - ACC H OBS 3.4 B002 including ACC H BSW 1.1.0

Power Subsystem

RF Subsystem

EGSE

Instruments:

HIFI v10.2

PACS v8.12

SPIRE 2.2.D2

IEGSE_H vD_TESTCONTROL_0.63

5.1.2 Output-File Changes

The following changes have been manually performed:

- Integration of SVM data, including Cryostat Subsystem, by AAS-I with the instrument data, including IEGSE, provided by AAS-F

(See annexed document for full details)

5.2 Output-File compliance

[AD1] and [AD2]

5.2.1 Output File Type

ASCII CCS MIB files.

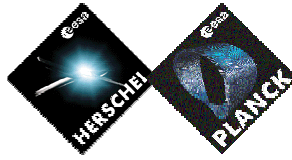
5.2.2 HPSDB Version

SVM data generated from AAS-I mirror site (v3.3.1.6)

Instrument data generated from central site at AAS-F (v3.3.1.12)

5.3 Version/Release Number

H-P-2-ASP-LI-1285 issue 1



5.4 Generation Date

SVM data generated on 2006/12/05 20:29 from AAS-I HPSDB mirror site

Instrument data generated on 2007/01/11 11:57 from AAS-F HPSDB central site

5.5 Checksum Type

MD5

5.6 Checksum Value

File R_TM_HER_INST_C_701111157_merged_R_TM_AVM_HER_C_612052029.zip:

bc48b603afa878db90a68c0f2d5f0c1e

5.7 Delivered Files

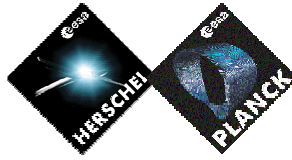
This delivery (one unique zip file: HCSS-Full_Herschel_15012007.zip) contains 5 files:

1. A word document: this release note (named <reference>_<object name> - <type>)
Where <type> is
"CCS" for CCS MIB files
"S2K" for S2K MIB files
"MCS" for MCS MIB files
"XML" for XML
<object name> is the higher level object name
2. A zip file with the CCS data generated by HPSDB:
R_TM_HER_INST_C_701111157_merged_R_TM_AVM_HER_C_612052029.zip

Which was prepared by merging the SVM data and Instrument data, two files with the following convention:

- a. <Area>_<Box>_<Object name>_<MIB type>_<Date>.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

3. One file where the merging manipulations are explained in detail:
R_TM_HER_INST_C_701111157_merged_R_TM_AVM_HER_C_612052029.doc



4. [RD1]

5. [RD2]

6 APPLICABILITY

This data is applicable to the Herschel AVM Warm Units integration, Herschel S/C IST (on Flight Model).

7 APLICABLE AND REFERENCE DOCUMENTS

7.1 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

7.2 Reference documents

RD	Title	Reference	Issue /version
[RD1]	PACS V8.12 release note	RN_PACS_MIB_N_8_12	8.12
[RD2]	HIFI 10.2 release note	SRON-U/HIFI/SP/2006-003	10.2

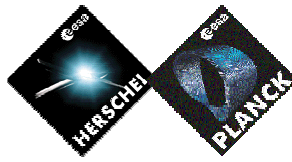
SPIRE and IEGSE have no official release note associated details follow bellow:

SPIRE	By email (14/08/06)	Version 2.2.D2	No Release Note associated
IEGSE	By email (21/09/06)		RN_IEGSE_MIB_D_TESTCONTROL_0_63.txt

SVM delivered under Configuration Control reference from AAS-I:
CIDL_0052_issue4_20061205

8 VALIDATION STATUS

Presented bellow is the list of HPSDB validation records relevant to this delivery.
These files include a description of all the changes traced by HPSDB.



File N..	Versio..	Short ..	Creato..	MdDate..	Link
<input checked="" type="checkbox"/> VAL_REC_HERSHEL_19_12_2006_15_12_27.xml	1	Generic Data v2_16	HERSCHEL	2006-12-19 15:12:36	Download
<input checked="" type="checkbox"/> VAL_REC_HERSHEL_10_01_2007_18_46_56.xml	1	Validation Request 070-BC	HERSCHEL	2007-01-10 19:21:26	Download

SVM validated on the mirror site on the 04/12/2006 at 22:09:38

9 KNOW PROBLEMS OR MISSING DATA

None.

10 DELIVERY

Delivered by FTP.

Copy sent by email from B. Carvalho to:

- Markus Köelle – ASED
- Martin Mueller – ASED
- Luigi Allegretti – AAS-I
- Paola Fini – AAS-I

END OF DOCUMENT