



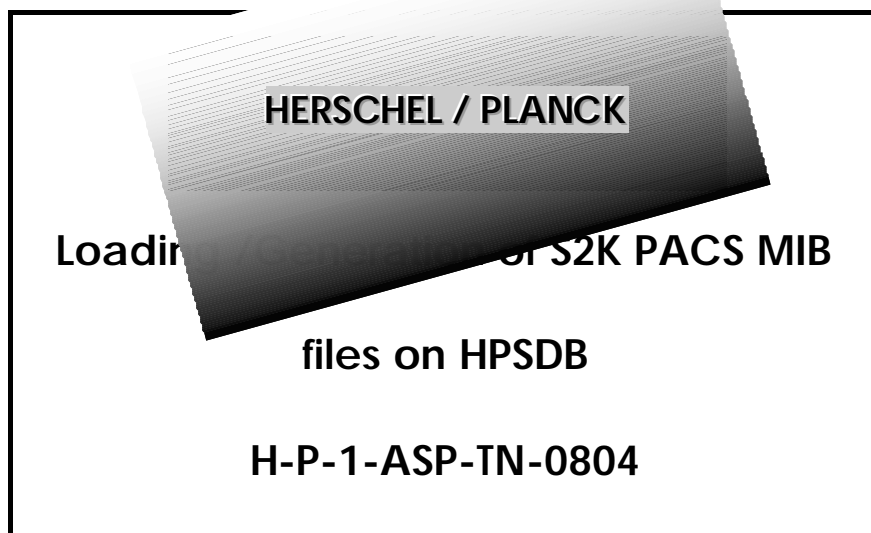
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## ENREGISTREMENT DES EVOLUTIONS / *CHANGE RECORDS*

ISSUE	DATE	§ : DESCRIPTION DES EVOLUTIONS <i>§ : CHANGE RECORD</i>	REDACTEUR <i>AUTHOR</i>
1.0	8/06/2004	Configuration of the <ul style="list-style-type: none"><li>• PACS v 7.8 inputs SCOS 2000 MIB files loading inside HPSDB</li><li>• HPSDB v 2.0.3.2</li></ul>	S. Dos Santos

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## 1. INTRODUCTION

This TN will be updated when a new version of the PACS SCOS 2000 MIB files is delivered to be loaded inside HPSDB.

The errors found on loading / generating SCOS 2000 mib files with HPSDB, will be described table by table, with the title Loading is on the Loading process, with the title Generation is on the generation of bridge files process. The error cause is described before the error , ie HPSDB is an HPDB error, if PACS , it is a PACS error.

## 2. APPLICABLE AND REFERENCE DOCUMENTS

### 2.1 Applicable documents

AD1	S2K-MCS-ICD-0001-TOS-GCI	SCOS 2000 Database Import ICD
AD2	SCI-PT-ICD-7527	Packet Structure Interface Control Document
AD3	H-P-1-ASPI-ID-0141	Naming convention specification

### 2.2 Reference documents

None

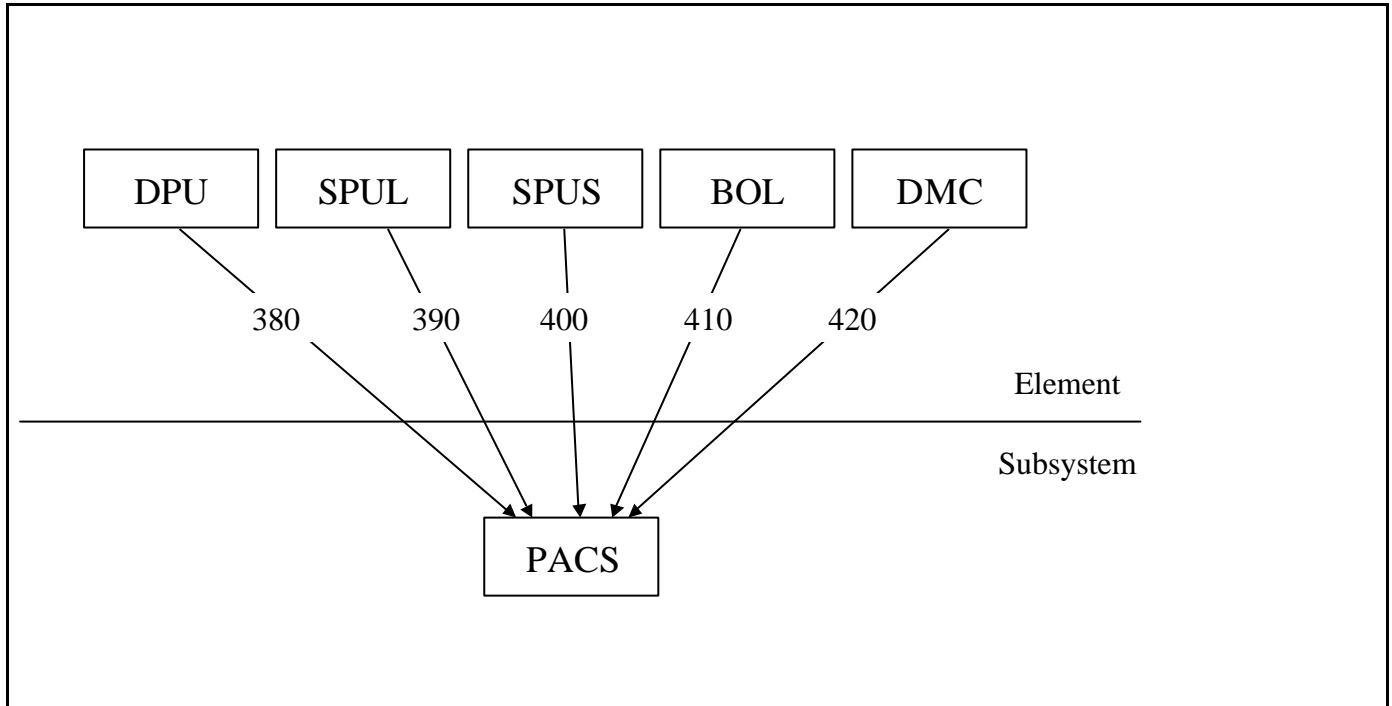
### 2.3 Acronyms

HP Herschel -Planck

HPsDB Herschel / Planck System Data Base

TBW To be write

## 3. PACS HPSDB DESIGN



## 4. LOAD OF PACS SCOS 2000 MIB FILES INSIDE HPSDB

Note please that the tables are listed as in the AD1 and not by alphabetic order.

HPSDB Version 3.0.3.2

### 4.1.1 General

#### 4.1.1.1 VDF

#### Generation of bridge files

- **HPSDB:** This field is generated with no value information



## 4.1.2 Monitoring

### 4.1.2.1 PCF

#### Loading of Mib files

- **HPSDB:**The unit % has not been yet added to HPSDB
- **PACS:** Unit '0' unknown
- **HPSDB:** PCF\_VALID, HPSDB doesn't allows links between different boxes on the same level, in this case at element level. So it's not possible to make reference to parameters from another element. But in the future HPSDB will allows this links at subsystem level. While this is not possible the PCF\_Valid field has been set to Null on the files.

#### Generation of bridge files

- **HPSDB:** The field PCF\_WITH lost the value.

### 4.1.2.2 CAF

#### Loading of Mib files

- **PACS:** Curve duplication, ie for instance when a parameter PM039380 refers to the curve 105 the parameter PM074390 can not refer to the same curve, because the data is inside different boxes. The solution is to create one curve for the parameter PM039380 and another PM074390. Curve that need triplication:
  - 105

## Generation of bridge files

**HPSDB-** the curves identifiers are not well generated. (NCR reported ) instead of number(3) the identifiers have char(6).

### 4.1.2.3 CAP

#### Loading of Mib files

- **HPSDB:** The unit % has not been yet added to HPSDB
- **PACS:** Curve duplication, ie for instance when a parameter PM039380 refers to the curve 105 the parameter PM074390 can not refer to the same curve, because the data is inside different boxes. The solution is to create one curve for the parameter PM039380 and another PM074390. Curve that need triplication:
  - 105

## Generation of bridge files

- **HPSDB-** the curves identifiers are not well generated. (NCR reported ) instead of number(3) the identifiers have char(6).

### 4.1.2.4 TXF

#### Loading of Mib files

- **PACS:** Curve duplication, ie for instance when a parameter PM075390 refers to the curve 334 the parameter PM092400 can not refer to the same curve, because the data is inside different boxes. The solution is to create one curve for the parameter HM722190 and another HM558191. Curves that need duplication:
  - 334
  - 335
  - 336
  
- **PACS:** The file shall contain only the curves that are referenced by parameters (unreferenced curves are not loaded inside of HPSDB) the following curve shall be removed:
  - 325

## Generation of bridge files

- **HPSDB-** the curves identifiers are not well generated. (NCR reported ) instead of number(3) the identifiers have char(6).
- the generic data inside of HPSDB is inserted inside of the bridge files, even if is not used.

### 4.1.2.5 TXP

## Generation of bridge files

- **HPSDB-** the curves identifiers are not well generated. (NCR reported ) instead of number(3) the identifiers have char(6).
- the generic data inside of HPSDB is inserted inside of the bridge files, even if is not used.

## 4.1.2.6 MCF

Empty table

## 4.1.2.7 OCF

There are no differences between the input and the generated file.

## 4.1.2.8 OCP

There are no differences between the input and the generated file.

## 4.1.2.9 PID

### Generation of bridge files

- **HPSDB:** PID\_DESCRIPTION not correct this field replaces the original description with the name of the packet.

## 4.1.2.10 PIC

### Generation of bridge files

- the generic data inside of HPSDB is inserted inside of the bridge files, even if is not used( ie all types and subtypes of TM are generated on this file)

## 4.1.2.11 TPCF

There are no differences between the input and the generated file.

## 4.1.2.12 PLF

There are no differences between the input and the generated file.

## 4.1.2.13 VPD

There are no differences between the input and the generated file.

## 4.1.3 *Displays*

### 4.1.3.1 DPF

There are no differences between the input and the generated file.

### 4.1.3.2 DPC

There are no differences between the input and the generated file.

## 4.1.3.3 GPF

There are no differences between the input and the generated file.

## 4.1.3.4 GPC

There are no differences between the input and the generated file.

## 4.1.3.5 SPF

Empty table

## 4.1.3.6 SPC

Empty table

## 4.1.4 Commanding

### 4.1.4.1 TCP

#### Generation of bridge files

- **HPsDB** File not well generated, problem with the TC packet header (NCR reported). For now the file has to be added by the user.

## 4.1.4.2 PCPC

### Generation of bridge files

- **HPSDB** :File not well generated, problem with the TC packet header (NCR reported) For now the file has to be added by the user.

## 4.1.4.3 PCDF

### Generation of bridge files

- **HPSDB**: File not well generated, problem with the TC packet header (NCR reported) For now the file has to be added by the user.

## 4.1.4.4 CCF

### Loading of Mib files

- **HPSDB** HPSDB controls the types, subtypes, APIDs, for now no wrong information can be inserted. (This will be allowed in the future for tests purposes.). Removed from the file the TC packets :

PC179380

PC180380

PC181380

PC182380

### Generation of bridge files

- **HPSDB**: NMCTV problem for TC packet header, HPSDB generates 000TCHD0000000 instead of GX000000

## 4.1.4.5 DST

### Generation of bridge files

- Will not be generated, as far as it is depending of the ground configuration.

## 4.1.4.6 CPC

### Generation of bridge files

- **HPADB** The command parameters that had the field CPC\_DISPFMT set to U, now have the field set to null or 'I'.

## 4.1.4.7 CDF

### Loading of Mib files

- PACS** the following TC packets are defined inside of the CDF.DAT file but not on the CCF.DAT

PC180380

PC183380

PC184380

PC185380

PC185380

PC186380

PC187420

PC188390

PC189400

PC190420



PC191420

TC packets not defined inside of the CCF:DAT are not loaded inside of HPSDB

## Generation of bridge files

- **HPSDB** :The field CDF\_DESCR is only relevant for fixed areas, this field shall not be filled with the parameter information

### 4.1.4.8 PTV

Empty table

### 4.1.4.9 CSF

Empty table

### 4.1.4.10 CSS

Empty table

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4.1.4.11 SDF

Empty table

4.1.4.12 CSP

Empty table

4.1.4.13 CVS

Empty table

4.1.4.14 CVE

Empty table

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4.1.4.15 CVP

Empty table

4.1.4.16 PST

Empty table

4.1.4.17 PSV

Empty table

4.1.4.18 CPS

Empty table

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4.1.4.19 PVS

Empty table

4.1.4.20 PSM

Empty table

4.1.4.21 CCA

Empty table

4.1.4.22 CCS

Empty table

## 4.1.4.23 PAF

### Loading of Mib files

Empty table

### Generation of bridge files

- the generic data inside of HPSDB is inserted inside of the bridge files, even if is not used.

## 4.1.4.24 PAS

### Loading of Mib files

Empty table

### Generation of bridge files

- the generic data inside of HPSDB is inserted inside of the bridge files, even if is not used.

## 4.1.4.25 PRF

Empty table

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4.1.4.26 PRV

Empty table

**END OF THE DOCUMENT**