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Object : Herschel / Planck - SCOS - Limitation to naming convention

REF1 : SCOS-2000 - Data base import ICD - S2K-MCS-ICD-0001-TOS-GCI - Issue 5.1

REF2 : Naming convention specification - H-P-1-ASPI-SP-0141 - Issue 01/02

Dear Sir,

In order to support "smooth transition" from instrument test level to module test level you are required to implement the following requirements.

Requirements

- 1 Limit the "curve" identifier to Number(3),
- 2 Limit the "range set" identifier to Number(3),
- 3 Limit the "command verification stage" identifier to Number(4),
- 4 For dynamic UDC the following allocation inside the 'constant packet' shall be done as follows inside "plf" table :

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- . System : [0000-0099] for both Herschel and Planck
 - . SVM : [0100-0199] for both Herschel and Planck
 - . PLM : [0200-0299] for both Herschel and Planck
 - . HIFI : [0300-0399] for Herschel
 - . HFI : [0300-0399] for Planck
 - . PACS : [0400-0499] for Herschel
 - . LFI : [0400-0499] for Planck
 - . HIFI : [0500-0599] for Herschel
 - . Not used : [0500-0599] for Planck (Sorbition cooler ?)
- 5 The corresponding SPID to 'constant packet' shall be such that it can supports 1024 octets.
- . Spare : [0600-1023] to be allocated by ASP according to needs.

Justification :

- 1 According to REF1 your system supports "curve" identifier as Number(4), according to REF2, at theoretical element level, a "curve" identifier is "IDIN03F".
- 2 According to REF1 your system supports "range set" identifier as Number(4), according to REF2, at theoretical element level, a "range set" identifier is "IDIN03F".
- 3 According to REF1 your system supports "command verification stage" as Number(5), according to RF2, at theoretical element level, a "command verification stage" identifier is "IDIN04F".
- 4 The dynamic UDC shall be allocated to a dedicated SCOS packet (part of reserved SPID) : 'constant packet'. This packet is unique. As consequence in order to prevent overlapping at integration time, allocation shall be foreseen.
- 5 All the level will generate the same archiving files format, so it should be possible to apply "smooth transition" on archiving : possibility at system level to access to instrument and module level archiving for 'constant packet'. Drawback : a lot of disc space is lost mainly at instrument level.

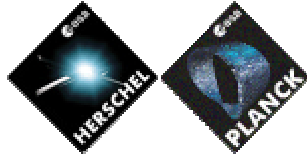
Document impacts :

REF2 will be updated accordingly.

In case of any question do not hesitate to contact me (extension : 6737).

Best regards.
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