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Subject: Configuration control of instrument test scripts and TC parameters

This mail reference: H-P-TASF-LT-9655
 This closes actions from SPIRE & PACS n°1 System meetings.

Configuration control of Herschel instrument test scripts and TC parameters

Here is a first set of proposed rules to formalise/improve the configuration control of Herschel instruments test scripts & TC parameters used at satallite level. (not similar for Planck) This is more or les in line with the existing ways of delivery.

Note: Most of these procedure require to set up the communication between the CCS and the instruments IEGSE to get the parameters of the TC used in the script.

Delivery and release note.

All scripts necessary to run a procedure shall be delivered together with the procedure (could be included as object within the procedure file), 15 days before the test, in an archive (Zip), with a release note indicating:

- The name and version of the procedure to which the scripts are associated
- The list of tcl scripts and their issue
- Identify the scripts that have been modified from last version.
- identify the tool used to generate the script (moise, cus,), and the version

This information shall also be included as a comment at the start of each script. The scripts, once ingested by the CCS, will be under configuration control by the CCS (ie version increased each time they are modified)

Recommendation for naming the scripts

- Scripts name shall include a reference of the instrument (HIFI, PACS, SPIRE) the procedure to be run (SFT, WFT, RMS, SPT...), and to the test to be performed (switch on, SMEC test,)
- Script name shall not include the script version number (to ba able to use the CCS configuration control tool)
- A solution is needed to minimize operator error to launch the wrong script (as the name of scripts are often similar, and the CCS prep tool does not offer hierachical sorting of scripts per tests)

Configuration control of TC parameters.

The TC parameter and tables used for a given script should be identified in a table annexed to the release note, with

Script	TC	TC parameters
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(may be large)

The version of the TC parameters set to be used shall be identified, and managed also at the level of the IEGSE

Comments are welcome.
 (this will be included in the issue 2 of test spec H-P-2-ASP-SP-1083)

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