

## LFR-FSW - Task #742

### 3.1.0.4

13/07/2016 04:02 PM - paul leroy

<b>Status:</b>	Closed	<b>Start date:</b>	13/07/2016
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>	Veronique bouzid	<b>% Done:</b>	0%
<b>Category:</b>		<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>		<b>Spent time:</b>	0.00 hour
<b>revision:</b>			
<b>Description</b>			
***** *** 3.1.0.4 *** 13 JUL 2016 ____ fsw____ Changeset: 297 (b4928c7e1920)  extra printf removed  ***** *** 3.1.0.3 *** 13 JUL 2016 ____ fsw____ Changeset: 296 (fb16b781e584)  reaction wheels filtering updated initialization of parameter_dump_packet updated with filtering elements			

### History

#### #1 - 19/08/2016 10:23 AM - Veronique bouzid

- Status changed from New to Closed

- Assignee set to Veronique bouzid

Installation du software le 19/08/2016  
dans /opt/LFR/LFR-FSW/3.1.0.4  
Adaptation des scripts pour utiliser cette version.

Voici donc le nouvel environnement de test  
FSW 3.1.0.4  
VHDL 1.1.89  
EM sans Timegen  
SocExplorerEngine.getSocExplorer: Version = 0.7.0, Branch = 0.6, Changeset = c459540a6dbd+  
StarDundee

Lancement du script /home/validation/SCRIPT/just\_hk\_survey.py : OK

La premiere HK montre bien la bonne version du soft utilisé:

Installation du software le 12/02/2016  
dans /opt/LFR/LFR-FSW/3.0.0.22  
Adaptation des scripts pour utiliser cette version.

Voici donc le nouvel environnement de test  
FSW 3.0.0.22  
VHDL 1.1.89  
EM sans Timegen  
SocExplorerEngine.getSocExplorer: Version = 0.6.2, Branch = default, Changeset = 819d0376d481  
StarDundee

Lancement du script /home/validation/just\_hk\_survey.py : OK

La premiere HK montre bien la bonne version du soft utilisé:  
0:17:40.641073, TM\_LFR\_HK, CCSDS\_VERSION\_NUMBER = 0, PACKET\_TYPE: TM\_PACKET = 0, DATA\_FIELD\_HEADER\_FLAG:  
WITH\_HEADER = 1, PROCESS\_ID: RPW\_PID\_2 = 76, PACKET\_CATEGORY: HK\_ROUTINE = 4, (PACKET\_ID=0xcc4),  
SEGMENTATION\_GROUPING\_FLAG: STANDALONE\_PACKET = 3, SEQUENCE\_CNT=0, (PACKET\_SEQUENCE\_CONTROL=0xc000),

PACKET\_LENGTH=129, SPARE\_1=0, PUS\_VERSION = 1, SPARE\_2=0, SERVICE\_TYPE:  
HOUSEKEEPING\_AND\_DIAGNOSTIC\_DATA\_REPORTING = 3, SERVICE\_SUBTYPE: HK\_PARAMETER\_REPORT = 25, DESTINATION\_ID:  
GROUND = 0, TIME=0x8000000248be, PA\_LFR\_HK\_REPORT\_SID: LFR\_HK\_SID = 1, HK\_LFR\_MODE: STANDBY = 0,  
HK\_LFR\_DPU\_SPW\_ENABLED: ENABLED = 1, HK\_LFR\_DPU\_SPW\_LINK\_STATE: RUN = 5, SPARE=0x0, HK\_LFR\_SC\_POTENTIEL\_FLAG: ON  
= 1, HK\_LFR\_PAS\_FILTER\_ENABLED: DISABLED = 0, SY\_LFR\_WATCHDOG\_ENABLED: ENABLED = 1, HK\_LFR\_CALIB\_ENABLED:  
DISABLED = 0, HK\_LFR\_RESET\_CAUSE: POWER\_ON = 1, **SY\_LFR\_SW\_VERSION\_N1=3, SY\_LFR\_SW\_VERSION\_N2=1,**  
**SY\_LFR\_SW\_VERSION\_N3=0, SY\_LFR\_SW\_VERSION\_N4=4,** SY\_LFR\_FPGA\_VERSION\_N1=1, SY\_LFR\_FPGA\_VERSION\_N2=1,  
SY\_LFR\_FPGA\_VERSION\_N3=89,

Les fichiers (2016\_08\_19-10\_18\_08\*) sont rangés dans /home/validation/data/3.1.0.4/TESTS-UNITAIRES/just\_hk

## Files

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README	20.1 KB	13/07/2016	paul leroy
fsw-3-0-1-4	4.09 MB	13/07/2016	paul leroy