

## LFR-FSW - Bug #53

### TM\_LFR\_PARAMETER\_DUMP incohérent avec l'ICD.

18/02/2014 04:11 PM - Gerald Saule

<b>Status:</b>	Closed	<b>Start date:</b>	18/02/2014
<b>Priority:</b>	High	<b>Due date:</b>	
<b>Assignee:</b>	paul leroy	<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>	r104		

#### Description

Les données brutes sont:

14:56:20.66118, 1L, 2L, 0L, 0L, 12L, 201L, 192L, 1L, 0L, 27L, 16L, 3L, 25L, 0L, 128L, 0L, 1L, 20L, 117L, 60L, 10L, 0L, 16L, 8L, 0L, 1L, 44L, 14L, 16L, 4L, 20L, 0L, 0L, 1L, 5L, 1L, 1L, 1L

L'outil d'analyse des TM y associe:

14:56:20.66118, TM\_LFR\_PARAMETER\_DUMP/!\Length (byte) - Exp=36, Res=34, /!\(lfr\_tm\_packet\_detail)

A priori, les champs (bytes) SY\_LFR\_S2\_BP\_P1 et SPARE (positions 34-35) sont omis.

Contexte:

LPPMON: Version=0.2.2 - Branch=default (Changeset=835955994d5f)

Carte mini-LFR: LFR-172200 dev V1.0; No série III (sans connecteurs sub-click)

Vhdl: mini-lfr\_0.0.0.15

LFR FSW: 1.0.0.1 (variante sur carte finale)

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TEST CASE = SVS\_0001

RPW-SYS-MEB-LFR-ICD-00097 Issue2\_Rev0

RPW-SYS-SSS-00013-LES + Annex\_Release\_Definition Issue2\_rev1

#### History

##### #1 - 18/02/2014 04:34 PM - paul leroy

- Status changed from New to Resolved

Bug identifié et corrigé. rev >= 1.0.0.2

##### #2 - 05/03/2014 02:38 PM - Gerald Saule

Les données brutes sont les suivantes:

14:01:58.571041, 1, 2, 0, 0, 12, 201, 192, 1, 0, 29, 16, 3, 25, 0, 0, 0, 0, 16, 165, 173, 10, 0, 16, 8, 0, 1, 44, 14, 16, 4, 20, 0, 0, 1, 5, 1, 1, 1, 5, 0

On retrouve les 4 octets d'en-tête, et les 36 octets de TM\_LFR\_PARAMETER\_DUMP.

On interprète raisonnablement:

14:01:58.571041, TM\_LFR\_PARAMETER\_DUMP, CCSDS\_VERSION\_NUMBER = 0, PACKET\_TYPE: TM\_PACKET = 0, DATA\_FIELD\_HEADER\_FLAG: WITH\_HEADER = 1, PROCESS\_ID: RPW\_PID\_2 = 76, PACKET\_CATEGORY: DUMP = 9, (PACKET\_ID=0xcc9), SEGMENTATION\_GROUPING\_FLAG: STANDALONE\_PACKET = 3, SEQUENCE\_CNT=1, (PACKET\_SEQUENCE\_CONTROL=0xc001), PACKET\_LENGTH=29, 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=0x00000010a5ad, PA\_LFR\_HK\_SID: LFR\_DUMP\_SID = 10, SPARE=0x0, SY\_LFR\_BW=1, SY\_LFR\_SP0=0, SY\_LFR\_SP1=0, SY\_LFR\_R0=0, SY\_LFR\_R1=0, SY\_LFR\_N\_SWF\_L=2048, SY\_LFR\_N\_SWF\_P=300(s), SY\_LFR\_N\_ASM\_P=3600(s),

SY\_LFR\_N\_BP\_P0=4(s), SY\_LFR\_N\_BP\_P1=20(s), SPARE=0x0, SY\_LFR\_N\_CWF\_LONG\_F3=0, SPARE=0x0, SY\_LFR\_B\_BP\_P0=1(s), SY\_LFR\_B\_BP\_P1=5(s), SY\_LFR\_S1\_BP\_P0=0.25(s), SY\_LFR\_S1\_BP\_P1=1(s), SY\_LFR\_S2\_BP\_P0=1(s), SY\_LFR\_S2\_BP\_P1=5(s), SPARE=0x0

=>Cette issue peut être fermée. check.png

Contexte:

LPPMON Version=0.2.2 - Branch=default - Changeset=835955994d5f

Carte mini-LFR: LFR-172200 dev V1.0; No série III (sans connecteurs sub-click)

Vhdl: mini-lfr\_VHDLib206 (Carte mini-LFR)

Soft: 1.0.0.2 (variante sur carte finale) = r104

Brique Brique Star-Dundee S/N 46120065.

RPW-SYS-MEB-LFR-ICD-00097 Issue2\_Rev0

RPW-SYS-SSS-00013-LES + Annex\_Release\_Definition Issue2\_rev1

**#3 - 05/03/2014 02:41 PM - Gerald Saule**

- Status changed from Resolved to Closed

- revision changed from r98 to r104