

## LFR-FSW - Bug #175

### PA\_LFR\_ACQUISITION\_TIME=0x000000000000 sur TM\_LFR\_SCIENCE\_NORMAL\_CWF\_F3 incoherent / TC\_LFR\_ENTER\_MODE

19/06/2014 08:06 AM - Veronique bouzid

<b>Status:</b>	Closed	<b>Start date:</b>	19/06/2014
<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>	r0		

#### Description

On demande un chgt de mode instantané

08:21:11.241669, TC\_LFR\_ENTER\_MODE (CP\_LFR\_MODE=1), CP\_LFR\_ENTER\_MODE\_TIME=0x000000000000  
08:21:11.261724, TM\_LFR\_TC\_EXE\_SUCCESS, TIME=0x80000004e88b

ensuite arrive une TM\_LFR\_SCIENCE\_NORMAL\_CWF\_F3

08:26:47.238015, TM\_LFR\_SCIENCE\_NORMAL\_CWF\_F3, PA\_LFR\_ACQUISITION\_TIME=0x000000000000,  
PA\_LFR\_CWF3\_BLK\_NR=672

Question:

Pourquoi PA\_LFR\_ACQUISITION\_TIME=0x000000000000 alors que le chgt de mode n'a été fait qu'à TIME=0x80000004e88b soit 4secondes apres le début du reset HW.

Dans ce script, on n'envoie pas de Timecode.

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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\_0.1.23

Brique Star-Dundee S/N <illisible>.

Soft:1.0.0.11 (variante sur carte finale)

TEST CASE = SVS-0073

Req = SSS-CP-FS-431

#### History

**#1 - 19/06/2014 08:17 AM - paul leroy**

- Status changed from New to Resolved

- Assignee changed from paul leroy to Veronique bouzid

fsw >= 1.0.0.12

Bug identifié et corrigé. Vérification sur deux réception de CWF\_F3 consécutives.

**#2 - 23/06/2014 06:04 PM - Veronique bouzid**

- Status changed from Resolved to Closed

Test (SVS-0073, script loadNorm.py) rejoué en 1.0.0.12

C'est Ok.

16:46:51.727297, TC\_LFR\_ENTER\_MODE (CP\_LFR\_MODE=1), CP\_LFR\_ENTER\_MODE\_TIME=0x000000000000

16:46:51.78917, TM\_LFR\_TC\_EXE\_SUCCESS,\*TIME=0x80000004c5a8\*

**16:49:39.790752, TM\_LFR\_SCIENCE\_NORMAL\_CWF\_F3, CCSDS\_VERSION\_NUMBER = 0, PACKET\_TYPE: TM\_PACKET = 0,**

**DATA\_FIELD\_HEADER\_FLAG: WITH\_HEADER = 1, PROCESS\_ID: RPW\_PID\_2 = 76, PACKET\_CATEGORY:**

**PRIVATE\_SCIENCE\_OR\_TELECOMMAND = 12, (PACKET\_ID=0xccc), SEGMENTATION\_GROUPING\_FLAG: STANDALONE\_PACKET = 3,**

**SEQUENCE\_CNT=147, (PACKET\_SEQUENCE\_CONTROL=0xc093), PACKET\_LENGTH=4051, SPARE\_1=0, PUS\_VERSION = 1, SPARE\_2=0,**

SERVICE\_TYPE: SCIENCE\_DATA\_TRANSFER = 21, SERVICE\_SUBTYPE: SCIENCE\_REPORT = 3, DESTINATION\_ID: GROUND = 0,  
TIME=0x80000004d0f0, PA\_LFR\_SID\_PKT: SC\_N\_CWF\_F3 = 1, PA\_BIA\_MODE\_MUX\_SET: SET\_0 = 0, PA\_BIA\_MODE\_HV\_ENABLED:  
ENABLED = 1, PA\_BIA\_MODE\_BIAS1\_ENABLED: ENABLED = 1, PA\_BIA\_MODE\_BIAS2\_ENABLED: ENABLED = 1,  
PA\_BIA\_MODE\_BIAS3\_ENABLED: ENABLED = 1, PA\_BIA\_ON\_OFF: OFF = 0, **PA\_LFR\_ACQUISITION\_TIME=0x80000004d0f0**,  
PA\_LFR\_CWF3\_BLK\_NR=672

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Contexte:

SocExplorerEngine.getSocExplorer: Version = 0.2.2, Branch = default, Changeset = c839740ef520

Carte EM

Vhd: EM\_1.1.23

Brique Star-Dundee S/N <illisible>.

Soft:1.0.0.12 (variante sur carte finale)

TEST-CASE = SVS-0073