

## OsmoBTS - Bug #3703

### sporadic failures of TC\_tch\_sign\_l2\_fill\_frame test case

11/22/2018 02:58 PM - stsp

<b>Status:</b> New	<b>Start date:</b> 11/22/2018
<b>Priority:</b> Normal	<b>Due date:</b>
<b>Assignee:</b>	<b>% Done:</b> 0%
<b>Category:</b>	
<b>Target version:</b>	
<b>Spec Reference:</b>	

**Description**

We are seeing sporadic failures of TTCN3 BTS test case TC\_tch\_sign\_l2\_fill\_frame on Jenkins.

Two different instances of such failures are shown below.

The first one looks as if a process on the other side of the L1 interface disappeared:

```
07:24:28.736125 509 L1CTL_PortType.ttcn:171 Sent on L1CTL to system @L1CTL_Types.L1ctlUlMessage :
{ header := { msg_type := L1CTL_RESET_REQ (13), flags := { padding := '0000000'B, f_done := false
}, padding := '0000'O }, ul_info := omit, ul_info_tbf := omit, ul_info_abs := omit, payload := { r
eset_req := { reset_type := L1CTL_RES_T_FULLL (1), padding := '000000'O } } }
07:24:28.736177 509 L1CTL_PortType.ttcn:208 enc_L1ctlUlMessageLV(): Encoding @L1CTL_Types.L1ctlULM
essageLV: { len := <unbound>, msg := { header := { msg_type := L1CTL_RESET_REQ (13), flags := { pa
dding := '0000000'B, f_done := false }, padding := '0000'O }, ul_info := omit, ul_info_tbf := omit
, ul_info_abs := omit, payload := { reset_req := { reset_type := L1CTL_RES_T_FULLL (1), padding :=
'000000'O } } } }
07:24:28.736293 509 L1CTL_PortType.ttcn:208 enc_L1ctlUlMessageLV(): Stream after encoding: '00080D
00000001000000'O
07:24:28.736355 509 L1CTL_PortType.ttcn:171 Outgoing message was mapped to @UD_Types.UD_send_data
: { data := '00080D000000001000000'O, id := 0 }
07:24:28.736389 509 L1CTL_PortType.ttcn:171 Dynamic test case error: Write error (Broken pipe)
07:24:28.736416 509 L1CTL_PortType.ttcn:171 setverdict(error): none -> error
07:24:28.736435 509 L1CTL_PortType.ttcn:171 Performing error recovery.
```

[https://jenkins.osmocom.org/jenkins/view/TTCN3/job/ttcn3-bts-test/309/artifact/logs/bts-tester/BTS\\_Tests.TC\\_tch\\_sign\\_l2\\_fill\\_frame.merged/\\*view\\*/](https://jenkins.osmocom.org/jenkins/view/TTCN3/job/ttcn3-bts-test/309/artifact/logs/bts-tester/BTS_Tests.TC_tch_sign_l2_fill_frame.merged/*view*/)

Note that this build run also lacks a pcap file for this test:  
<https://jenkins.osmocom.org/jenkins/view/TTCN3/job/ttcn3-bts-test/309/artifact/logs/bts-tester/>

The second one could have the same underlying reason, but the problem occurred while waiting to receive a message rather than sending:

```
07:19:46.788830 518 L1CTL_PortType.ttcn:176 Timeout T: 2 s
07:19:46.788936 518 L1CTL_PortType.ttcn:177 setverdict(fail): none -> fail reason: "Timeout waitin
g for RESET.conf", new component reason: "Timeout waiting for RESET.conf"
07:19:46.788969 518 L1CTL_PortType.ttcn:178 Stopping MTC. The current test case will be terminated
.
07:19:46.789001 518 L1CTL_PortType.ttcn:178 Stopping test component execution.
```

[https://jenkins.osmocom.org/jenkins/view/TTCN3/job/ttcn3-bts-test/303/artifact/logs/bts-tester/BTS\\_Tests.TC\\_tch\\_sign\\_l2\\_fill\\_frame.merged/\\*view\\*/](https://jenkins.osmocom.org/jenkins/view/TTCN3/job/ttcn3-bts-test/303/artifact/logs/bts-tester/BTS_Tests.TC_tch_sign_l2_fill_frame.merged/*view*/)