

## OsmoBSC - Bug #3474

### SDCCH not released if Radio Link Failure / Sending Connection Failure: cause = 0x001 Experienced in osmo-bsc and osmo-bts-trx

08/20/2018 01:02 AM - ron.menez@entropysolution.com

<b>Status:</b>	New	<b>Start date:</b>	08/20/2018
<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

Encountered an issue regarding the SDCCH channel not being released immediately after a "Radio Link Failure" is detected in osmo-bsc and an equivalent error of "Sending Connection Failure: cause = 0x01" in osmo-bts-trx.

Error in osmo-bts-trx:

```
<0000> rsl.c:797 (bts=0,trx=0,ts=0,ss=0) Sending Connection Failure: cause = 0x01
```

Error in osmo-bsc:

```
<0003> abis_rsl.c:1372 (bts=0,trx=0,ts=0,ss=0) CONNECTION FAIL in state ACTIVE CAUSE=0x01(Radio Link Failure)
```

With this issue, the SDCCH channel will then be exhausted and no other subscriber can attach and do any services (call and SMS).

Below are the versions of OSMO-BSC, OSMO-BTS-TRX, OSMO-TRX, and OSMO-MSC.

OsmoBSC# show version

OsmoBSC 1.2.1.91-3ff7 (OsmoBSC).

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Contributions by Daniel Willmann, Jan Lübke, Stefan Schmidt

Dieter Spaar, Andreas Eversberg, Sylvain Munaut, Neels Hofmeyr

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OsmoBTS# show version

OsmoBTS 0.8.1.35-6575f0 (OsmoBTS).

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OsmoTRX# show version

OsmoTRX 0.4.0 (OsmoTRX).

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OsmoMSC# show version

OsmoMSC 1.2.0.20-2798 (OsmoMSC).

OsmoMSC - Osmocom Circuit-Switched Core Network implementation

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Based on OsmoNITB:

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(C) 2009-2012 by Holger Hans Peter Freyther <[zecke@selfish.org](mailto:zecke@selfish.org)>

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OS used: UBUNTU 16.04.