

OsmoBSC - Bug #3331

OsmoBSC illegally terminates SCCP connection

06/11/2018 11:05 AM - laforge

Status:	Resolved	Start date:	06/11/2018
Priority:	High	Due date:	
Assignee:	laforge	% Done:	100%
Category:			
Target version:			
Spec Reference:			

Description

I've been very puzzled while looking at A interface protocol traces generated by our test suite:

- The BSC is at least in some situations disconnecting SCCP!

This is a blatant spec violation, as (of course) the BSC doesn't take such decisions. Following the usual master/slave logic at the hierarchical interfaces, it's obviously the MSC.

3GPP TS 48.006 Section 9.2 "Connection release" also clearly states:

`This procedure is always initiated at the MSC side.`

History

#1 - 06/11/2018 11:08 AM - laforge

- File 20180611-bsc-closes-sccp.pcap added

attaching pcap file showing the problem.

#2 - 06/11/2018 11:21 AM - laforge

this is the likely cause of what makes TC_bssmap_clear_does_not_cause_bssmap_reset and TC_ms_rel_ind_does_not_cause_bssmap_reset fail, as they (rightfully) don't expect a N-DISCONNECT.ind from the BSC.

#3 - 06/11/2018 11:59 AM - laforge

- Assignee changed from sysmocom to laforge

- % Done changed from 0 to 80

<https://gerrit.osmocom.org/#/c/osmo-bsc/+19538>

#4 - 06/11/2018 11:59 AM - laforge

- Status changed from New to In Progress

#5 - 06/11/2018 12:35 PM - laforge

- % Done changed from 80 to 100

patch merged

#6 - 07/04/2018 12:46 PM - laforge

- Status changed from In Progress to Resolved

patch long merged

Files

20180611-bsc-closes-sccp.pcap	5.58 KB	06/11/2018	laforge
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