OsmoBSC - Bug #3852

TC_chan_rel_hard_clear_csfb does not pass

03/20/2019 03:50 PM - dexter

Status:	Resolved		**Start date:**	03/20/2019
Priority:	Normal		**Due date:**	
Assignee:	dexter		**% Done:**	100%
Category:				
Target version:				
Spec Reference:				
Description				
The TTCN3 test TC_chan_rel_hard_clear_csfb does not pass, while TC_chan_rel_hard_clear does. The difference between the two tests is minimal.				

History

#1 - 03/20/2019 03:59 PM - dexter

- Status changed from New to In Progress

- % Done changed from 0 to 40

There seems to be a problem with the configuration of osmo-bsc. The log of the BSC complains about a missing EARFCN setting and that it therefore can not indicate the CSFB fast return. And the testcase TC_chan_rel_hard_clear_csfb indeed calls f_expect_chan_rel() with is_csfb := true. So the TTCN3 test looks right, its the RSL CHANNEL RELEASE from the BSC that lacks an IE.

I have added an EARFCN to the configuration:
si2quater neighbor-list add earfcn 111 thresh-hi 20 thresh-lo 10 prio 3 qrxlv 22 meas 3

This made the test pass, I think when we just add that line to the osmo-bsc.cfg in docker the problem should be fixed. However, we may into trouble with that if the patches that add the feature are not already merged in latest. I will check if that is possible. Alternatively we have to add the EARFCN from the testcase via VTY commands.

#2 - 03/21/2019 08:47 AM - dexter

- % Done changed from 40 to 90

I have checked back that the si2quater works with latest by looking up when the VTY command was added. I also gave it a quick test on a system where latest is installed, so I expect no problems with ttcn3-bsc-test-latest. I have added the line now to the configuration:

https://gerrit.osmocom.org/#/c/docker-playground/+/13349 ttcn3-bsc-test: set EARFCN in osmo-bsc.cfg

#3 - 04/08/2019 09:03 AM - dexter

- Status changed from In Progress to Resolved

- % Done changed from 90 to 100