

OsmoBSC - Support #4058

verify that re-using ARFCN+BSIC pairs across separate BSS works

06/12/2019 02:17 AM - neels

Status:	Resolved	Start date:	06/12/2019
Priority:	Low	Due date:	
Assignee:	osmith	% Done:	100%
Category:			
Target version:			
Spec Reference:			

Description

A remote BSS may re-use an ARFCN+BSIC pair that is also used in the local BSS.

Verify in a test that an inter-BSC handover to the remote cell indeed works, and does not end up in the local-BSS cell that has the same ARFCN+BSIC but is not a direct neighbor for the handover source cell.

In `handover_start()`, it looks like `bts_by_neighbor_ident()` would prefer to pick a local-BSS cell with the same ARFCN+BSIC of the remote cell, and should instead invoke an inter-BSC handover when only a remote cell with that ARFCN+BSIC is listed as explicit neighbor for the given source BTS.

History

#1 - 07/18/2019 06:00 AM - laforge

- Priority changed from Normal to Low

#2 - 09/10/2019 11:54 AM - laforge

- Assignee changed from neels to osmith

#3 - 09/11/2019 12:21 PM - osmith

- Status changed from New to Resolved

- % Done changed from 0 to 100

Just like [#4057](#), this is already implemented with an appropriate test:

- <https://gerrit.osmocom.org/c/osmo-bsc/+14769>
- https://gerrit.osmocom.org/c/osmo-ttcn3-hacks/+14765/3/bsc/BSC_Tests.ttcn#3836 (f_tc_ho_neighbor_config_5)

HO to 871-12 triggers inter-BSC HO (ignoring local cells with same ARFCN+BSIC)