

OsmoBSC - Bug #3000

OsmoBSC issues "RSL Connect" command too early -> race conditions

02/25/2018 12:18 PM - laforge

Status: New	Start date: 02/25/2018
Priority: Normal	Due date:
Assignee:	% Done: 0%
Category: A-bis OML	
Target version:	
Spec Reference:	
Description	
The "IPA RSL CONNECT" is issued before OML has even configured the individual timeslots with their channel mode. This introduces race conditions where RSL might be attempting to use the timeslots before they are configured in the BTS, which creates all kinds of errors like	
DRSL <0000> rsl.c:164 (bts=0,trx=0,ts=6,pchan=NONE) RSL rx IPACC: mismatching chan_nr=0x6e	
Related issues:	
Related to OsmoBSC - Feature #2470: Proper OML MO (managed object) using osmo...	Resolved 08/29/2017
Related to OsmoBTS - Bug #4179: Race condition: OsmoBTS sends empty INFO_ind ...	New 08/29/2019

History

#1 - 02/25/2018 12:18 PM - laforge

- Subject changed from OsmoBTS issues "RSL Connect" command too early -> race conditions to OsmoBSC issues "RSL Connect" command too early -> race conditions

#2 - 02/25/2018 12:32 PM - laforge

Added <https://gerrit.osmocom.org/6899> work-around in the TTCN-3 test suite for OsmoBTS to avoid running into that race condition.

#3 - 02/25/2018 12:32 PM - laforge

- Related to Feature #2470: Proper OML MO (managed object) using osmo_fsm added

#4 - 08/29/2019 11:54 AM - osmith

- Related to Bug #4179: Race condition: OsmoBTS sends empty INFO_ind to PCU socket, if not all SI arrived from BSC via RSL added