

OsmoSGSN - Bug #4222

Implement PS Paging for the Routing Areas

10/08/2019 04:30 PM - lynxis

Status: New	Start date: 10/08/2019
Priority: High	Due date:
Assignee:	% Done: 0%
Category:	
Target version:	
Spec Reference:	
Description So far the SGSN only supports paging a single cell, but no Routing Area, as it doesn't tracks PCU's. Implement PS paging by having a PCU object (and even further another FSM).	

History

#1 - 10/02/2020 01:39 AM - lynxis

The problem is the SGSN only tracks the BVCI for a MS atm. So every PCU must cover it's own RA to have the SGSN properly working.

#2 - 10/03/2020 02:20 PM - laforge

On Fri, Oct 02, 2020 at 01:39:39AM +0000, lynxis [REDMINE] wrote:

The problem is the SGSN only tracks the BVCI for a MS atm. So every PCU must cover it's own RA to have the SGSN properly working.

some background, for the record:

In most 'commercial' networks out there, the PCU is BSC-colocated and hence the PCU coverage area is likely much larger than Routing Areas, so you would normally expect to have many RA per PCU, and hence per signaling BVC.

For the p-t-p BVCs, one of course has one BVC per Cell (BTS) even in that situation.

AFAIR, paging can happen both on the signaling BVC and on the p-t-p BVC.