

## OsmoBTS - Bug #2014

### LC15: BTS does not properly handle BS-AG-BLKS-RES

04/18/2017 07:52 PM - mqng2

<b>Status:</b> Closed	<b>Start date:</b> 04/18/2017
<b>Priority:</b> Normal	<b>Due date:</b>
<b>Assignee:</b> laforge	<b>% Done:</b> 100%
<b>Category:</b> osmo-bts-litecell15	
<b>Target version:</b>	
<b>Spec Reference:</b>	
<b>Description</b>	
<p>I have noticed that after changing BS-AG-BLKS-RES configuration from 1 to 2 or 3 from Osmo-NITB. The DSP starts to complain about unexpected burst as shown below.</p> <pre>[ERROR] : GsmL1_PhDataReq() : Unexpected burst (Invalid sapi) [Sapi = 6, Expected = 7] [ERROR] : GsmL1_PhDataReq() : Unexpected burst (Invalid sapi) [Sapi = 6, Expected = 7] [ERROR] : GsmL1_PhDataReq() : Unexpected burst (Invalid sapi) [Sapi = 6, Expected = 7] [ERROR] : GsmL1_PhDataReq() : Unexpected burst (Invalid sapi) [Sapi = 6, Expected = 7] [ERROR] : GsmL1_PhDataReq() : Unexpected burst (Invalid sapi) [Sapi = 6, Expected = 7]</pre> <p>Looking at ph_date_req function in src/osmo-bts-litecell15/l1_if.c, one can clearly see that the BTS always uses B0 for AGCH SAPI (line 392) leading to the DSP complaints about wrong SAPI for AGCH.</p> <p>According to GSM 05.02, Section 7 Table 5 of 5, the number of blocks used AGCH must change according to BS-AG-BLKS-RES requested from BSC.</p>	
<b>Related issues:</b>	
Related to OsmoBTS - Feature #2366: OsmoBTS lacks EXTENDED BCCH support	<b>New</b> <b>07/15/2017</b>

#### History

##### #1 - 04/18/2017 07:55 PM - mqng2

This issue has been fixed for LC15 BTS in the following commits

[https://gitlab.com/nrw\\_noa/osmo-bts/commit/bcb0c02709b75645c2d10adffe9e0aabfd516a3](https://gitlab.com/nrw_noa/osmo-bts/commit/bcb0c02709b75645c2d10adffe9e0aabfd516a3)

##### #2 - 06/24/2017 11:08 AM - laforge

- Status changed from New to In Progress

- Assignee set to laforge

- % Done changed from 0 to 80

Submitted to gerrit as <https://gerrit.osmocom.org/#/c/3036/>

@nutag: Please make sure you yourself are submitting all relevant changes to gerrit.osmocom.org. It's not our responsibility to do this in our unpaid spare time.

##### #3 - 06/27/2017 02:23 PM - laforge

- Status changed from In Progress to Resolved

- % Done changed from 80 to 100

##### #4 - 07/15/2017 10:42 AM - laforge

- Related to Feature #2366: OsmoBTS lacks EXTENDED BCCH support added

**#5 - 08/08/2017 07:06 PM - laforge**

- Status changed from Resolved to Closed