

## OpenBSC - Feature #1666

### Implement UARFCN support for SI2quater

03/22/2016 06:47 PM - laforge

<b>Status:</b>	Closed	<b>Start date:</b>	03/22/2016
<b>Priority:</b>	High	<b>Due date:</b>	
<b>Assignee:</b>	msuraev	<b>% Done:</b>	100%
<b>Category:</b>	libbsc	<b>Spec Reference:</b>	
<b>Target version:</b>			
<b>Resolution:</b>			
<b>Description</b>			
Now that we have general SI2quater support in both OpenBSC and OsmoBTS, and are able to announce EARFCN (LTE) neighbors, we need to implement support for UARFCN (3G) neighbor cells, too.			
This task includes testing to verify encoding correctness, as well as testing to establish			
<ul style="list-style-type: none"><li>• how many UARFCN we can fit in a single SI2quater message without segmentation</li><li>• how many (UARFCN, EARFCN) we can fit together in a single SI2quater message without segmentation.</li></ul>			
<b>Related issues:</b>			
Related to OpenBSC - Feature #1630: Implement SI2quater generation in OpenBSC...		<b>Closed</b>	<b>03/03/2016</b>

#### History

##### #1 - 03/22/2016 06:48 PM - laforge

- Related to Feature #1630: Implement SI2quater generation in OpenBSC / OsmoBTS added

##### #3 - 04/15/2016 04:25 PM - msuraev

- Status changed from New to In Progress

##### #4 - 04/20/2016 02:11 PM - msuraev

- Status changed from In Progress to Feedback

The si2quater can fit either 5 (with/without option measurement bandwidth info) EARFCNs or 9 UARFCNs cells.

If both are used than 1 EARFCN and 6 UARFCN cells can be added. Etc - adding more EARFCNs decrease the space available for UARFCNs cell and vice versa.

##### #5 - 04/29/2016 01:47 PM - laforge

- Status changed from Feedback to Closed

##### #6 - 04/29/2016 01:47 PM - laforge

- % Done changed from 0 to 100