# OsmoPCU - Bug #4843

## wireshark: Incorrect handling of RLCMAC spare bits in GPRS data blocks

11/03/2020 08:11 PM - pespin

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|---|---|---|---|
| **Status:** | Resolved | **Start date:** | 11/03/2020 |
| **Priority:** | Normal | **Due date:** | |
| **Assignee:** | pespin | **% Done:** | 100% |
| **Category:** | | | |
| **Target version:** | | | |
| **Spec Reference:** | | | |

**Description**

The code currently handling the LI array (rlc blocks) takes into account the spare bits which shows wrong length and llc data (also passing incorrect data to above dissector).

I started a fix here, but then wireshark is failing on other packets, so I still need to improve it.

I also attach a pcap file showing the faulty data blocks. In there you can see wireshark showing Length=31 but in reality it's 30 bytes of data and 1 byte of spare bits at the end, so this distinction should be properly handled.

### History

**#1 - 11/25/2020 06:29 PM - pespin**

*- Status changed from New to Resolved*

*- % Done changed from 0 to 100*

I submitted a fix for this issue and was merged in wireshark, see wireshark.git 9d5de22a88b9cbd01e9f16953b2e372835d3d0d6.

### Files

| | | | |
|---|---|---|---|
| cs2_with_spare_bits.pcap.gz | 39.4 KB | 11/03/2020 | pespin |
| 0001-rlcmac-Identify-and-show-spare-bits-in-GPRS-data-blo.patch | 3.81 KB | 11/03/2020 | pespin |