

## OsmoBSC - Bug #3060

### abis\_rsl.c: properly handle a REL\_IND from the MS

03/13/2018 12:10 AM - neels

|                        |          |                    |            |
|------------------------|----------|--------------------|------------|
| <b>Status:</b>         | Rejected | <b>Start date:</b> | 03/13/2018 |
| <b>Priority:</b>       | Normal   | <b>Due date:</b>   |            |
| <b>Assignee:</b>       | neels    | <b>% Done:</b>     | 0%         |
| <b>Category:</b>       |          |                    |            |
| <b>Target version:</b> |          |                    |            |
| <b>Spec Reference:</b> |          |                    |            |

#### Description

currently our code flattens out the SAPI communicated by a REL IND from the MS, see e.g. abis\_rsl.c:2228:

```
    case RSL_MT_REL_IND:
        /* BTS informs us of having received DISC from MS */
        DEBUGPC(DRLL, "RELEASE INDICATION\n");
        msg->lchan->sapis[rllh->link_id & 0x7] = LCHAN_SAPI_UNUSED; <--- overridden with
zero
        rll_indication(msg->lchan, rllh->link_id,
                       BSC_RLLR_IND_REL_IND);
        rsl_handle_release(msg->lchan);
```

In order to properly detect whether an lchan is completely released or some SAPIs are still active, this needs fixing and a slew of (ttcn3?) tests to verify that it works.

#### History

##### #1 - 03/13/2018 12:11 AM - neels

see <https://gerrit.osmocom.org/7221> (incomplete)

and <http://git.osmocom.org/osmo-ttcn3-hacks/commit/?id=27f643639e43a146eab090d723692f47efa452a6> (already merged)

##### #2 - 03/13/2018 08:23 AM - laforge

- Assignee set to *sysmocom*

##### #3 - 05/09/2018 10:13 AM - laforge

- Assignee changed from *sysmocom* to *neels*

##### #4 - 05/14/2018 09:59 PM - neels

I realize I have misinterpreted this code

```
msg->lchan->sapis[rllh->link_id & 0x7] = LCHAN_SAPI_UNUSED;
```

msg->lchan is of course not a part of the received message, but the current lchan state.  
We take rllh, the RLL header, and disable only the SAPI indicated by rllh->link\_id.

I wonder though why I couldn't get `TC_ms_rel_ind_does_not_cause_bssmap_reset()` to work,  
I dimly remember that I saw direct release without waiting for SAPIs to be released...  
another look needs to be taken.

**#5 - 07/16/2018 02:29 PM - neels**

*- Status changed from New to Rejected*

nonsense.