

## Issues

| #    | Project  | Tracker | Status      | Priority  | Subject  | Assignee  | Updated             | Related issues                                     |
|------|--|---------|-------------|-----------|--|-----------|---------------------|--|
| 5683 | Osmocom Libraries                              | Bug     | New         | Immediate | How to install osmocom in China  |           | 09/18/2022 10:18 AM |  |
| 5574 | OsmoBSCNAT                                     | Bug     | New         | Urgent    | OsmoBSCNAT testsuite running in jenkins  | Hoernchen | 10/06/2022 11:46 AM | Related to #5574                                   |
| 5559 | OsmoMSC  | Bug     | Stalled     | Urgent    | OsmoMSC at 100% CPU and unresponsive for up to several minutes!                        | laforge   | 08/04/2022 08:14 AM | Related to #5563                                   |
| 6436 | OsmoPCU  | Bug     | New         | High      | high cpu usage, entire BTS unresponsive after some hours                               | keith     | 04/13/2024 04:32 PM |  |
| 6424 | OsmoMGW  | Bug     | In Progress | High      | TC_one_crcx_loopback_rtp_implicit consistently failing in master, but passes on latest | neels     | 03/27/2024 08:17 PM |  |
| 6337 | OsmocomBB                                      | Bug     | New         | High      | bad fr audio with gapk/ms-sdr  |           | 01/22/2024 09:21 PM | Related to #6337                                   |
| 6200 | OsmocomBB                                      | Bug     | New         | High      | osmo-trx-ms: lots of @Received bad frame (rc=-1, ber=444/444)@                         | Hoernchen | 10/05/2023 06:02 PM | Related to #6342,Blocks #6200                      |
| 6169 | osmo-e1d                                       | Bug     | New         | High      | Frame masking against network frame ordering, not frame numbers                        | laforge   | 10/18/2023 03:19 PM |  |
| 6091 | osmo-ePDG - VoWifi Evolved Packet Data Gateway | Bug     | Feedback    | High      | osmo-epdg: Implement CEAL interface (GSUP) ePDG <> strongswan                          | lynxis    | 03/14/2024 04:36 PM |  |
| 5931 | libosmo-netif                                  | Bug     | New         | High      | heap-use-after-free when osmo_stream_srv_destroy() is called inside read_cb()          | daniel    | 03/02/2023 11:03 AM |  |
| 5921 | SIMtrace 2                                     | Bug     | In Progress | High      | simtrace2 cardem vs. Linux kernel USB autosuspend                                      | laforge   | 09/16/2023 10:47 PM | Related to #5921                                   |
| 5880 | OsmoSGSN                                       | Bug     | In Progress | High      | User Manual sections 11.1.1-2 document non-existing (removed?) VTY commands            | lynxis    | 03/28/2023 02:45 PM |  |
| 5731 | gr-osmosdr                                     | Bug     | New         | High      | Install gr-osmosdr on Ubuntu 20.04   |           | 10/27/2022 01:39 PM |  |
| 5571 | Ericsson RBS 6xxx                              | Bug     | New         | High      | DUG can come up, but with Avail: "Power Off"   | dexter    | 11/08/2022 05:10 PM |  |
| 5564 | OsmoMSC  | Bug     | Stalled     | High      | blocking database I/O by SMS database  | laforge   | 05/16/2022 08:20 PM | Related to #5564,Related to #5566,Related to #5564 |
| 5563 | OsmoMSC  | Bug     | Stalled     | High      | OsmoMSC sometimes stalls for dozens of seconds in a production deployment              | laforge   | 08/04/2022 08:15 AM | Related to #5564,Related to #5563,Related to #5566 |
| 5527 | osmo-remsim                                    | Bug     | Stalled     | High      | warn on duplicate client (id) connections  | laforge   | 07/13/2022 01:25 PM | Related to #5527                                   |
| 5425 | gr-osmosdr                                     | Bug     | New         | High      | Problem receiving samples using dual receivers with BladeRF                            |           | 01/29/2022 04:22 AM |  |
| 5419 | SIMtrace 2                                     | Bug     | Stalled     | High      | cardem errors with higher baud rate  | laforge   | 11/07/2022 06:22 PM |  |
| 5396 | OsmocomDECT                                    | Bug     | New         | High      | TcpDump/WireShark will not build with libpcap(dect)                                    |           | 01/09/2022 12:57 PM |  |

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| 5394 | OsmocomDECT                     | Bug     | New         | High     | Kernel Oops when loading com_on_air_cs (unable to handle kernel NULL pointer dereference)                  |           | 01/09/2022 12:54 PM |  |
| 5393 | OsmocomDECT                     | Bug     | New         | High     | tipc problems while building on Ubuntu   |           | 01/09/2022 12:48 PM |  |
| 5392 | OsmocomDECT                     | Bug     | New         | High     | Sliding collision errors   |           | 01/09/2022 12:44 PM |  |
| 5349 | OsmoSGSN                        | Bug     | In Progress | High     | Message for non-existing SNDSCP Entity   |           | 07/17/2023 04:42 PM |  |
| 5257 | OsmoBTS                         | Bug     | New         | High     | support random padding in SACCH downlink messages  |           | 10/12/2021 11:18 AM | Related to #5257                                   |
| 5144 | gr-osmosdr                      | Bug     | New         | High     | Support multiple Airspy devices  | horiz0n   | 10/21/2023 07:22 PM |  |
| 5057 | OsmoMSC                         | Bug     | New         | High     | Can only send a maximum of 15 SMPP messages?   | Hoernchen | 09/15/2021 09:53 AM |  |
| 4916 | osmo-e1d                        | Bug     | Stalled     | High     | USB unplug / replug renders e1d unusable   | laforge   | 12/04/2023 12:34 PM | Related to #5983                                   |
| 4879 | OsmoPCU                         | Bug     | Stalled     | High     | endless pdch.cpp:809 Got CS-N RLC block: R=0, SI=0, TFI=0, CPS=0, RSB=0, rc=264                            | fixeria   | 07/28/2023 02:46 PM |  |
| 4830 | OsmoMSC                         | Bug     | In Progress | High     | LU reject when no authentication data in HLR but "authentication optional"                                 | neels     | 10/10/2022 02:03 PM |  |
| 4829 | OsmocomBB                       | Bug     | Stalled     | High     | OsmocomBB Rx bit errors in dedicated mode  | laforge   | 02/06/2021 09:11 AM | Related to #4832                                   |
| 4781 | osmo-qcdiag                     | Bug     | New         | High     | get hoernchen/gsmtdap branch merged  | Hoernchen | 10/06/2020 03:18 PM |  |
| 4771 | OsmoBTS                         | Bug     | Stalled     | High     | Don't log NOTICE messages on missing uplink bursts   | fixeria   | 11/16/2021 03:05 PM |  |
| 4658 | OsmocomBB                       | Bug     | Stalled     | High     | Wrong burst order in a multi-trx setup   | fixeria   | 09/14/2020 10:18 AM | Related to #4658,Related to #4658                  |
| 4622 | OsmoTRX                         | Bug     | New         | High     | Lots of "dumping STALE burst in TRX->SDR interface" messages in osmo-trx after osmo-bts-trx proper restart | Hoernchen | 07/06/2020 11:57 AM |  |
| 4605 | OsmoSGSN                        | Bug     | New         | High     | GMM_ATTACH_REQ_FSM: Event E_AUTH_RESP_RECV_SUCCESS not permitted   | lynxis    | 06/13/2020 06:16 PM | Related to #4605                                   |
| 4578 | Cellular Network Infrastructure | Bug     | New         | High     | Updated slides / presentations / videos on setting up Osmocom CNI  | laforge   | 02/13/2021 05:35 PM |  |
| 4576 | Core testing infrastructure     | Bug     | Stalled     | High     | ttn3-hlr-tests need to route multicast traffic between ttn3-hlr-test and osmo-hlr-master containers        | neels     | 10/28/2020 09:48 PM |  |
| 4383 | pySim                           | Bug     | Stalled     | High     | Jenkins build verification is non-deterministic  | dexter    | 04/06/2021 04:58 PM | Related to #4384,Related to #5127                  |
| 4312 | OsmoHLR                         | Bug     | New         | High     | GSUP keepalives / connection loss detection  |           | 10/12/2020 02:42 PM |  |
| 4222 | OsmoSGSN                        | Bug     | New         | High     | Implement PS Paging for the Routing Areas  |           | 10/03/2020 02:20 PM | Related to #4222                                   |
| 4008 | OsmoBTS                         | Bug     | Feedback    | High     | Channel Activation starts SACCH too early in Asynchronous Handover   |           | 03/11/2022 12:47 PM | Related to #4008,Related to #4010,Related to #4009 |
| 3928 | OsmoPCU                         | Bug     | Stalled     | High     | Missing PCU_Tests.ttcn for various timers / time-outs  | pespin    | 11/15/2021 05:46 PM | Related to #5033                                   |
| 3926 | OsmoPCU                         | Bug     | Stalled     | High     | Missing PCU_Tests.ttcn DL TBF tests  | pespin    | 03/01/2021 11:06 AM |  |

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|------|--------------------|---------|-------------|----------|---|----------|---------------------|---|
| 3734 | gr-osmosdr         | Bug     | New         | High     | Cannot compile gr-osmocom   |          | 12/16/2018 12:22 AM |   |
| 3717 | OsmoHLR            | Bug     | Stalled     | High     | SS/USSD: fix SS session inactivity timeout  | fixeria  | 12/05/2018 08:45 PM |   |
| 3568 | OsmoBTS            | Bug     | Stalled     | High     | CBCH on SDCCH/8 not working for osmo-bts-sysmo  | laforge  | 01/14/2019 03:29 PM |   |
| 3379 | SIMtrace 2         | Bug     | Stalled     | High     | documentation on how to use SIMtrace2   | laforge  | 11/14/2022 05:31 PM | Related to #3379  |
| 3341 | OsmoTRX            | Bug     | Stalled     | High     | osmo-trx-lms RF Envelope FAIL on LimeSDR, but not on LimeSDR-mini   |          | 09/30/2020 08:08 PM | Related to #3341,Related to #3861,Blocks #3341                      |
| 3294 | OsmoMSC            | Bug     | Stalled     | High     | transaction: refactor callref allocation  | neels    | 12/16/2019 02:37 PM | Related to #3294,Related to #3294,Related to #4333,Related to #4854 |
| 2955 | OsmoSGSN           | Bug     | New         | High     | No GMM ATTACH REJECT on GSUP UpdateLocation Error   | lynxis   | 09/10/2019 07:39 PM |   |
| 2824 | gr-osmosdr         | Bug     | New         | High     | Corrupted double-linked for Raspbian Stretch when running osmocom_fft (and any other program using osmosdr.source |          | 06/03/2018 12:08 PM |   |
| 2400 | OsmoPCU            | Bug     | Stalled     | High     | transmit SI13 on PACCH during long TBFS   | fixeria  | 05/12/2020 12:19 PM | Related to #2400,Related to #3472,Related to #4506                  |
| 2172 | OP25               | Bug     | New         | High     | HDU often missing in captures   |          | 04/22/2017 04:14 PM |   |
| 2170 | OP25               | Bug     | New         | High     | Implement forward error-correction code, remove IT++ dependency   |          | 04/22/2017 04:14 PM |   |
| 2169 | OP25               | Bug     | New         | High     | First-cut of trunking support   |          | 04/22/2017 04:15 PM |   |
| 2168 | OP25               | Bug     | New         | High     | Implement Forward error correction for LDU1/2   |          | 04/22/2017 04:15 PM |   |
| 2162 | OP25               | Bug     | New         | High     | Fix bit-ordering in output for VC55.  |          | 04/22/2017 04:15 PM |   |
| 1952 | Linux Kernel GTP-U | Bug     | In Progress | High     | IPv6 support for inner (user) IP layer missing  | pablo    | 03/05/2024 11:47 PM | Related to #6096,Related to #6123                                   |
| 1925 | OsmoPCU            | Bug     | New         | High     | Fix padding for MCS8 transition   |          | 01/08/2020 10:31 PM |   |
| 1766 | OsmoPCU            | Bug     | In Progress | High     | KPIs for OsmoPCU: EGPRS   |          | 01/22/2020 02:06 PM | Related to #1766,Related to #1766                                   |
| 1759 | OsmoPCU            | Bug     | Stalled     | High     | Wrong calculation of DL window size for DL assignment   |          | 01/22/2020 04:01 PM | Related to #1533,Related to #1524                                   |
| 1705 | SIMtrace 2         | Bug     | Stalled     | High     | re-integrate tracing + card reader modes into SIMtrace2 firmware (SAM3S)  | laforge  | 04/06/2021 01:19 AM | Related to #1705,Related to #3379                                   |

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| 1505 | UmTRX  | Bug     | New         | High     | OHM4 footprint incorrect   |          | 02/19/2016 10:52 PM |                                   |
| 1483 | Mobile (in)Security                            | Bug     | New         | High     | USSD state is not reset when switching cells   |          | 02/21/2016 04:34 PM |                                   |
| 1481 | Mobile (in)Security                            | Bug     | New         | High     | Random LAPDm MAC-block padding is not deployed yet   |          | 02/21/2016 04:34 PM | Related to #5256,Related to #5257 |
| 1480 | Mobile (in)Security                            | Bug     | New         | High     | A5/3 is not deployed in GSM networks   |          | 02/21/2016 04:34 PM |                                   |
| 1478 | Mobile (in)Security                            | Bug     | New         | High     | IMSI DETACH DoS  |          | 09/02/2019 09:00 AM |                                   |
| 1477 | Mobile (in)Security                            | Bug     | New         | High     | RACH flood DoS   |          | 02/21/2016 04:34 PM |                                   |
| 1474 | SDR (Software Defined Radio)                   | Bug     | New         | High     | USB Claim Interface Error  | steve-m  | 02/20/2016 08:23 PM |                                   |
| 1462 | OsmocomBB                                      | Bug     | New         | High     | ../src/utlis.c:182:7: error: only weak aliases are supported in this configuration   |          | 02/21/2016 04:48 PM |                                   |
| 1458 | OsmocomBB                                      | Bug     | New         | High     | AGC broken (strong cell cannot be synced   | tnt      | 07/18/2019 06:10 AM | Related to #3582                  |
| 6449 | libosmocore                                    | Bug     | New         | Normal   | possible API problem in osmo_it_q: talloc_free() of llist_head *   |          | 05/09/2024 12:25 AM |                                   |
| 6446 | Cellular Network Infrastructure                | Bug     | In Progress | Normal   | Drop rpms (.spec.in) from Osmocom repositories   | osmith   | 05/08/2024 12:50 PM |                                   |
| 6443 | gr-osmosdr                                     | Bug     | New         | Normal   | RF gain: erroneously using 14  | horiz0n  | 04/27/2024 06:21 PM |                                   |
| 6441 | OsmoSGSN                                       | Bug     | New         | Normal   | use-after-free on RAU with invalid Old RAI   |          | 04/22/2024 01:23 PM | Related to #6441                  |
| 6440 | libosmocore                                    | Bug     | Feedback    | Normal   | VTY: 'write file' breaks 'show startup-config'   |          | 04/26/2024 04:23 AM |                                   |
| 6438 | libosmocore                                    | Bug     | New         | Normal   | write_config_file() calls blocking sync()  |          | 04/26/2024 09:15 AM |                                   |
| 6437 | libosmocore                                    | Bug     | Feedback    | Normal   | osmo_io_ops segmentation_cb missing parameter holding state  | pespin   | 04/19/2024 10:17 AM |                                   |
| 6435 | osmo-ePDG - VoWifi Evolved Packet Data Gateway | Bug     | In Progress | Normal   | epdg: fix inter-UE traffic   | lynxis   | 04/08/2024 06:55 PM |                                   |
| 6433 | OsmoHNBGW                                      | Bug     | New         | Normal   | DLGLOBAL ERROR counter group 'hnb' already exists for index 0, instead using index 1. This is a software bug that needs fixing. (rate_ctr.c:221) |          | 04/04/2024 11:11 PM |                                   |
| 6431 | OsmoHNBGW                                      | Bug     | New         | Normal   | (coverity) uninitialized asn.1 state / overwriting asn.1 state in HNBAP  | neels    | 04/04/2024 11:08 PM |                                   |
| 6427 | OsmoMSC  | Bug     | New         | Normal   | ttn3-msc-test: TC_mo_ussd_for_unknown_trans fails sporadically   |          | 04/02/2024 03:01 PM | Related to #6427                  |
| 6426 | OsmoMSC  | Bug     | Feedback    | Normal   | ttn3-msc-test: TC_mm_id_resp_no_identity fails sporadically  | fixeria  | 04/03/2024 06:49 PM | Related to #6426,Related to #6427 |
| 6422 | OsmoBSC  | Bug     | Feedback    | Normal   | latest: BSC_Tests.TC_ctrl_location started to fail on March 15th   | fixeria  | 04/02/2024 06:56 PM |                                   |
| 6418 | pySim  | Bug     | New         | Normal   | osmo-smdpp docs  |          | 03/25/2024 05:54 PM |                                   |

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|------|--|---------|-------------|----------|---|----------|---------------------|------------------|
| 6413 | rtl-sdr  | Bug     | New         | Normal   | Incorrect Debian/Debian-like binary packages  | steve-m  | 03/22/2024 05:09 PM |                  |
| 6411 | Cellular Network Infrastructure                | Bug     | Stalled     | Normal   | ttcn3: execute testsuites with a more realistic link performance                        |          | 04/03/2024 06:25 PM |                  |
| 6410 | libosmocore                                    | Bug     | New         | Normal   | osmo_joy poll backend doesn't work on file descriptors that are not sockets             |          | 03/19/2024 07:33 PM |                  |
| 6398 | pySim  | Bug     | New         | Normal   | Add helper for SwMatchError   |          | 03/09/2024 09:34 PM |                  |
| 6396 | osmo-ePDG - VoWifi Evolved Packet Data Gateway | Bug     | Feedback    | Normal   | add support for auth failure with resync  | lynxis   | 03/11/2024 10:19 AM |                  |
| 6393 | libosmocore                                    | Bug     | New         | Normal   | osmo_joy conflating osmo_joyfd_unregister vs osmo_joyfd_close                           | daniel   | 03/07/2024 09:47 AM |                  |
| 6386 | Core testing infrastructure                    | Bug     | In Progress | Normal   | eclipse-titan 9.0.0 not building in debian unstable                                     | osmith   | 03/04/2024 02:10 PM |                  |
| 6382 | Linux Kernel GTP-U                             | Bug     | Feedback    | Normal   | "TC_pdp6_act_deact_gtpu_access" fails with kernel gtp-u                                 |          | 03/05/2024 04:06 PM |                  |
| 6380 | OsmoHNBGW                                      | Bug     | New         | Normal   | VTY transcript tests are broken [again]   |          | 02/28/2024 06:57 PM |                  |
| 6377 | erlang/osmo_ss7                                | Bug     | Feedback    | Normal   | ipa: Failure decoding ipa frames split between several tcp packets                      | pespin   | 02/28/2024 03:00 PM |                  |
| 6374 | libosmocore                                    | Bug     | New         | Normal   | libosmocore --disable-libsctp not tested by jenkins                                     |          | 02/23/2024 03:47 PM |                  |
| 6372 | OsmocomBB SDR PHY                              | Bug     | New         | Normal   | Cant connect to BS using cell_log and mobile  |          | 02/22/2024 07:13 AM |                  |
| 6370 | osmo-ePDG - VoWifi Evolved Packet Data Gateway | Bug     | In Progress | Normal   | setup ims with kamailio   | lynxis   | 03/14/2024 09:01 PM |                  |
| 6366 | osmo-ePDG - VoWifi Evolved Packet Data Gateway | Bug     | New         | Normal   | strongswan: test if gsup_client will resend old requests on reconnect                   | lynxis   | 02/18/2024 09:16 PM | Related to #6366 |
| 6365 | osmo-ePDG - VoWifi Evolved Packet Data Gateway | Bug     | New         | Normal   | strongswan: get the PDP type out of the IKE_AUTH/CFG_REQUEST                            | lynxis   | 02/23/2024 03:29 AM |                  |
| 6364 | osmo-ePDG - VoWifi Evolved Packet Data Gateway | Bug     | In Progress | Normal   | strongswan: gsup: remove single request limitation                                      | lynxis   | 02/20/2024 05:59 PM | Related to #6366 |
| 6363 | osmo-ePDG - VoWifi Evolved Packet Data Gateway | Bug     | New         | Normal   | strongswan: Catch IKEv2 disconnects   | lynxis   | 02/17/2024 01:21 AM |                  |
| 6361 | osmo-ePDG - VoWifi Evolved Packet Data Gateway | Bug     | Feedback    | Normal   | open5gs-upfd: Fix open5gs package assigning 1st IP address of the UE pool to the ogstun | lynxis   | 04/22/2024 05:29 PM | Related to #6361 |
| 6360 | libosmocore                                    | Bug     | New         | Normal   | libosmovty fails to parse commands like "test (foo bar) [(one two three)]"              |          | 02/14/2024 09:25 PM |                  |

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| 6356 | libosmo-sccp + libosmo-sigtran                         | Bug     | New         | Normal   | DLGLOBAL ERROR Trying to dispatch event 17 to non-existent FSM instance! (osmo_ss7_as.c:118)  | pespin    | 02/08/2024 10:27 PM |  |
| 6349 | Cellular Network Infrastructure                        | Bug     | Feedback    | Normal   | example configs missing in release tarballs   | fixeria   | 01/29/2024 04:04 PM |  |
| 6342 | OsmocomBB  | Bug     | Feedback    | Normal   | ms-sdr gprs performance   | Hoernchen | 02/05/2024 05:00 PM | Related to #6342                               |
| 6338 | OsmocomBB  | Bug     | Feedback    | Normal   | ms-sdr gprs startup issues  | Hoernchen | 01/24/2024 03:58 PM |  |
| 6330 | OsmoMSC  | Bug     | New         | Normal   | Incorrect handling of V.120 data calls  |           | 01/18/2024 03:02 PM | Related to #6344                               |
| 6329 | rtl-sdr  | Bug     | New         | Normal   | rtl_sdr does not have correct rpath set on OSX build  |           | 01/12/2024 09:57 PM |  |
| 6328 | OsmoBSC  | Bug     | New         | Normal   | Channel Mode Modify fails to modify the RTP payload type number   |           | 01/12/2024 06:24 AM | Related to #6328                               |
| 6324 | OsmoBSC  | Bug     | New         | Normal   | Making a data call results in B0RKEN lchans   | osmith    | 01/05/2024 09:04 PM |  |
| 6323 | OP25   | Bug     | New         | Normal   | Install script is broken on Ubuntu 23.10  |           | 01/05/2024 07:54 PM |  |
| 6318 | OsmoBSC  | Bug     | Feedback    | Normal   | Show lchan shows wrong number of channels for TCH   | neels     | 12/25/2023 01:01 AM |  |
| 6317 | pySim  | Bug     | Stalled     | Normal   | data driven tests for TLV decoders  | laforge   | 02/15/2024 09:21 PM |  |
| 6312 | OsmoHLR  | Bug     | New         | Normal   | Querying HLR for MSISDN-to-IMSI mapping is too cumbersome and inefficient   |           | 12/21/2023 06:52 AM | Related to #6312                               |
| 6297 | OsmoMGW  | Bug     | New         | Normal   | octet-align=0 is the RFC 6871 specified default to use when omitted; but osmo-mgw assumes don't-care when omitted                       |           | 12/12/2023 02:12 AM | Is duplicate of #5726                          |
| 6295 | OsmoSGSN   | Bug     | New         | Normal   | TMSI realloc complete leads to SecurityModeReject   | osmith    | 12/07/2023 03:15 PM |  |
| 6293 | OsmoMGW  | Bug     | New         | Normal   | osmo-mgw "decides" for a codec during MGCP handling; instead it should handle all configured payload type numbers as they arrive in RTP |           | 12/07/2023 05:52 AM | Related to #6293,Related to #6293,Blocks #6136 |
| 6291 | Osmocom Conferences (OsmoDevCon, OsmoCon, OsmoDevCall) | Bug     | New         | Normal   | 2024 event bringing together FOSS projects related to mobile communications   | laforge   | 12/13/2023 08:54 PM |  |
| 6283 | OsmoHNBGW  | Bug     | New         | Normal   | cnpool: hnbgw fails to extract Mobile Identity from some GMM Attach Request messages  |           | 12/04/2023 01:48 AM |  |
| 6282 | OCTOI - Osmocom Community TDM over IP                  | Bug     | New         | Normal   | high BERT from laforge->divf->manawyrm  | manawyrm  | 12/03/2023 04:03 PM | Related to #6282                               |
| 6281 | OCTOI - Osmocom Community TDM over IP                  | Bug     | New         | Normal   | divf yate: calls to wave playback or loopback never connect   |           | 12/04/2023 12:14 PM | Related to #6282                               |
| 6273 | Core testing infrastructure                            | Bug     | Feedback    | Normal   | TTCN3 tests keep suffering from race conditions on shutdown   | daniel    | 12/05/2023 03:29 PM |  |
| 6270 | OsmoBTS  | Bug     | In Progress | Normal   | osmo-bts sends version report every 5s to BSC?  | dexter    | 02/19/2024 03:06 PM |  |

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| 6255 | OsmoDia2GSUP                    | Bug     | New         | Normal   | Implement 3GPP Purge UE Request   |           | 11/10/2023 01:29 PM |                  |
| 6254 | OsmoDia2GSUP                    | Bug     | In Progress | Normal   | Reconnects of the ttcn3 aren't handled  | lynxis    | 11/11/2023 05:13 PM |                  |
| 6240 | libosmo-sccp + libosmo-sigtran  | Bug     | Feedback    | Normal   | libosmo-sigtran doesn't reject M3UA with "M3UA Network Appearance"  | daniel    | 10/31/2023 02:56 PM | Related to #6241 |
| 6233 | libosmocore                     | Bug     | Feedback    | Normal   | --enable-embedded build fails if pkg-config can't find some of the (disabled) dependencies                              | Hoernchen | 11/24/2023 04:15 PM |                  |
| 6232 | libosmocore                     | Bug     | New         | Normal   | jenkins should give all libosmocore config options a try  | osmith    | 10/22/2023 04:16 PM |                  |
| 6225 | rtl-sdr                         | Bug     | New         | Normal   | rtl-sdr release tarballs missing from <a href="https://ftp.osmocom.org/releases/">https://ftp.osmocom.org/releases/</a> | osmith    | 10/19/2023 09:46 AM |                  |
| 6217 | OsmoMSC                         | Bug     | Feedback    | Normal   | Bearer Capability mismatch in MT SETUP  | neels     | 10/10/2023 10:17 PM |                  |
| 6215 | Cellular Network Infrastructure | Bug     | New         | Normal   | Rebase open5gs pcrf_simple patches and submit upstream  | lynxis    | 10/18/2023 02:53 PM |                  |
| 6212 | Linux Kernel GTP-U              | Bug     | In Progress | Normal   | GTP extension headers   | pespin    | 10/18/2023 03:03 PM | Related to #6223 |
| 6201 | OsmocomBB                       | Bug     | New         | Normal   | modem: signal proper MS Radio Access Capability   |           | 10/04/2023 12:34 PM | Related to #6201 |
| 6198 | Cellular Network Infrastructure | Bug     | In Progress | Normal   | Patch releases for September 2023 Osmocom CNI releases  | roh       | 12/19/2023 01:29 PM | Related to #6253 |
| 6196 | OsmoMGW                         | Bug     | New         | Normal   | Codec negotiation failure false positives   | dexter    | 12/07/2023 06:25 AM | Related to #6293 |
| 6192 | OP25                            | Bug     | New         | Normal   | Unable to host behind NGINX reverse proxy   | max       | 09/27/2023 01:56 AM |                  |
| 6188 | Cellular Network Infrastructure | Bug     | New         | Normal   | Osmocom manuals have "draft" in debian packages of released versions  | osmith    | 09/21/2023 04:37 PM |                  |
| 6185 | Core testing infrastructure     | Bug     | New         | Normal   | Submit titan.ProtocolEmulations.SCCP patch upstream   | neels     | 09/20/2023 06:22 PM |                  |
| 6181 | SIMtrace 2                      | Bug     | Feedback    | Normal   | Unexpected INS code with simtrace2-sniff: 0x7f  | v.marinos | 10/18/2023 09:41 PM |                  |
| 6162 | libosmocore                     | Bug     | Feedback    | Normal   | master build failure with clang-16  | Hoernchen | 11/18/2023 09:17 AM |                  |
| 6159 | OsmoBSC                         | Bug     | New         | Normal   | use paging queue for PAGING messages that come from the BSC co-located PCU  | dexter    | 08/30/2023 12:39 PM |                  |
| 6158 | OsmoHNBGW                       | Bug     | New         | Normal   | IMSI not shown in "show ue all"   | lynxis    | 08/29/2023 03:11 PM |                  |
| 6155 | OsmoDia2GSUP                    | Bug     | Feedback    | Normal   | osmo_dia2gsup not setting Origin-State-Id Diameter AVP during Device-Watchdog-{Req,Answer}                              | lynxis    | 11/11/2023 06:19 PM |                  |
| 6152 | OsmoMSC                         | Bug     | In Progress | Normal   | built-in MNCC: forward the @Low layer compatibility I@ IE to the called subscriber                                      | jolly     | 12/20/2023 12:52 PM | Related to #6152 |
| 6149 | OsmoGSMTester                   | Bug     | New         | Normal   | osmo-gsm-tester gerrit verifications currently broken, not running in docker  | osmith    | 08/25/2023 09:13 AM |                  |
| 6148 | OsmoDia2GSUP                    | Bug     | New         | Normal   | config file not installed not used by systemd service in debian   | pespin    | 10/18/2023 03:21 PM |                  |
| 6129 | Miscellaneous Projects          | Bug     | New         | Normal   | Discourse: Setting a custom avatar via upload fails   |           | 08/02/2023 06:07 PM |                  |
| 6126 | OsmoGSMTester                   | Bug     | New         | Normal   | osmo-gsm-tester docker container uses debian 10   |           | 08/01/2023 09:49 AM | Related to #6126 |

| #    | Project  | Tracker | Status      | Priority | Subject   | Assignee | Updated             | Related issues                    |
|------|--|---------|-------------|----------|---|----------|---------------------|-----------------------------------|
| 6125 | OsmocomBB                                      | Bug     | New         | Normal   | LLC GIA/GEA (auth/encryption) not yet tested  | pespin   | 08/28/2023 10:32 PM |                                   |
| 6119 | pySim  | Bug     | In Progress | Normal   | aram_get_config runs into an exception on a sysmocomSJA2  | laforge  | 12/05/2023 05:26 PM |                                   |
| 6118 | OsmoPCU  | Bug     | New         | Normal   | osmo-pcu assigns multi-slot TBFs over PACCH to MS with unknwon ms_class                             | pespin   | 09/22/2023 02:33 PM |                                   |
| 6106 | OsmoGGSN (former OpenGGSN)                     | Bug     | New         | Normal   | OsmoGGSN attempts to use the same GTP-U socket for all APNs with gtpu-mode kernel-gtp               |          | 02/21/2024 10:31 AM | Related to #6106,Related to #6106 |
| 6059 | OsmoBSC  | Bug     | New         | Normal   | negotiate GSM-HR RTP packet format explicitly   | dexter   | 06/13/2023 10:38 AM |                                   |
| 6045 | osmo-ePDG - VoWifi Evolved Packet Data Gateway | Bug     | Feedback    | Normal   | report erlang diameter problems to the diameter compiler repo.                                      | pespin   | 03/07/2024 04:16 PM |                                   |
| 6032 | rtl-sdr  | Bug     | New         | Normal   | Poor APRS demodulation using RTL_FM on RaspberryPI or on old PC                                     |          | 05/15/2023 12:14 PM |                                   |
| 6029 | Core testing infrastructure                    | Bug     | New         | Normal   | Single TTCN3 BSC handover test fails  |          | 10/18/2023 05:31 PM |                                   |
| 6019 | OsmoBSC  | Bug     | New         | Normal   | "PCU version PCU socket has LOST connection connected"  | fixeria  | 10/18/2023 05:42 PM |                                   |
| 6015 | OsmoPCU  | Bug     | New         | Normal   | osmo-pcu (with ericsson RBS) is unable to keep TRAU frames in sync                                  | dexter   | 12/23/2023 01:12 AM |                                   |
| 6012 | rtl-sdr  | Bug     | New         | Normal   | Update wiki for macos build   | steve-m  | 05/01/2023 02:38 AM |                                   |
| 6009 | OsmoMSC  | Bug     | New         | Normal   | omo-msc: lots of tlv_parse() calls in src/libmsc/gsm_04_08.c have no return code checked for errors |          | 04/19/2023 03:19 PM |                                   |
| 6007 | OsmoBSC  | Bug     | New         | Normal   | network -> bts -> gprs nsvc will always create a nsvc node  |          | 04/17/2023 04:08 PM |                                   |
| 6005 | rtl-sdr  | Bug     | New         | Normal   | rtl-test and rtl-sdr exit code=-5 when running on Windows 10 WSL and Ubuntu                         | steve-m  | 10/18/2023 05:45 PM |                                   |
| 5991 | OsmoBSC  | Bug     | New         | Normal   | Forward TSNS-PROV bsc->[bts->]pcu   | jolly    | 12/17/2023 12:59 PM | Related to #5991                  |
| 5986 | OsmoBSC  | Bug     | New         | Normal   | PAGING impossible until CCCH LOAD IND is received from the BTS                                      | keith    | 03/31/2023 09:13 AM |                                   |
| 5985 | Cellular Network Infrastructure                | Bug     | New         | Normal   | tests: not all Osmocom projects have @osmoappdesc.py@   |          | 03/29/2023 08:09 PM |                                   |
| 5953 | OsmoBTS  | Bug     | Feedback    | Normal   | ttn3-bts-test: TC_ms_pwr_ctrl_{constant,pf_ewma} are failing  | fixeria  | 03/25/2024 05:19 PM |                                   |
| 5952 | OsmoBTS  | Bug     | New         | Normal   | ttn3-bts-test: TC_ho_physical_info fails  | fixeria  | 11/15/2023 08:23 AM |                                   |
| 5922 | rtl-sdr  | Bug     | New         | Normal   | rtl_sdr bytes_to_read wraparound for n > 2**31  | steve-m  | 03/20/2023 10:16 AM |                                   |
| 5918 | osmo-fl2k                                      | Bug     | New         | Normal   | -flto broken in release   | steve-m  | 12/20/2023 08:43 PM |                                   |



| #    | Project                               | Tracker | Status      | Priority | Subject   | Assignee | Updated             | Related issues   |
|------|---------------------------------------|---------|-------------|----------|---|----------|---------------------|------------------|
| 5896 | libosmo-abis                          | Bug     | Feedback    | Normal   | libosmo-abis built without --enable-e1d in deb and rpm packages                               | laforge  | 02/07/2023 11:40 AM | Blocks #5896     |
| 5891 | osmo-remsim                           | Bug     | New         | Normal   | bankd: potential pthread deadlock reported by coverity  | laforge  | 02/03/2023 07:35 PM |                  |
| 5889 | OsmoHLR                               | Bug     | In Progress | Normal   | subscriber data: send out correct PDP Info  | lynxis   | 09/01/2023 04:20 PM |                  |
| 5883 | OCTOI - Osmocom Community TDM over IP | Bug     | New         | Normal   | GPS sync sometimes goes to hold over  | tnt      | 01/30/2023 02:18 PM | Related to #5885 |
| 5878 | pySim                                 | Bug     | New         | Normal   | pySim shell: version fails with DistributionNotFound  | fixeria  | 10/06/2023 09:03 AM |                  |
| 5876 | OsmoHNBGW                             | Bug     | New         | Normal   | on HNBAP HNB Register, clear previous UE state if any   | neels    | 03/20/2023 01:27 PM |                  |
| 5869 | OsmoHNBGW                             | Bug     | New         | Normal   | osmo-hnbgw ignores HNBAP HNB De-Register  |          | 01/21/2023 01:52 AM |                  |
| 5864 | libosmocore                           | Bug     | New         | Normal   | Libosmocore: Fix order of config parsing output   |          | 02/04/2023 05:21 PM |                  |
| 5858 | Core testing infrastructure           | Bug     | Feedback    | Normal   | osmo-python-tests: Ignore, at least clean up 'tmp_dummy_sock'                                 |          | 02/22/2023 06:25 PM | Related to #5858 |
| 5852 | OsmoSGSN                              | Bug     | New         | Normal   | osmo-sgsn: Keep TLLI<->NSEI+BVCI relation knowledge in BSSGP layer                            |          | 01/11/2023 03:08 PM |                  |
| 5851 | OsmoSGSN                              | Bug     | New         | Normal   | check if rate ctr GMM_CTR_PKTS_UDATA_IN is correct increased in sgsn_gtp_data_req() func      |          | 01/10/2023 06:40 PM |                  |
| 5850 | SDR (Software Defined Radio)          | Bug     | New         | Normal   | OBS mingw builds not updated since 2019   | roox     | 01/04/2023 12:15 PM |                  |
| 5844 | OsmoPCU                               | Bug     | New         | Normal   | pcu: ns: ip-sns: 2 local binds with a single remote is invalid                                |          | 12/22/2022 09:59 PM |                  |
| 5843 | OsmoBSC                               | Bug     | New         | Normal   | BTS features aren't reset after oml drop  |          | 12/22/2022 09:27 PM |                  |
| 5842 | OsmoBSC                               | Bug     | New         | Normal   | ipa: investigate NSVC local and remote port configuration difference with wireshark dissector |          | 12/22/2022 07:18 PM |                  |
| 5837 | OsmoHNBGW                             | Bug     | New         | Normal   | osmo-juh: UE-REGISTER-REQ with uE_Identity type IMEI not implemented.                         |          | 12/20/2022 03:43 PM |                  |
| 5831 | OsmocomBB                             | Bug     | New         | Normal   | SE K2x0i: built-in SIM reader is not working  | steve-m  | 12/16/2022 12:03 AM |                  |
| 5824 | osmo-e1d                              | Bug     | Feedback    | Normal   | Line dead message in the log after start  | laforge  | 12/25/2023 01:43 PM |                  |
| 5822 | OsmocomBB                             | Bug     | New         | Normal   | SE K2x0i: missing RF and AFC params   |          | 12/15/2022 11:36 PM |                  |
| 5809 | Cellular Network Infrastructure       | Bug     | Feedback    | Normal   | applications disrespect potentially VTY-configured tcp/telnet port                            | osmith   | 10/31/2023 09:34 AM |                  |
| 5774 | OsmoBTS                               | Bug     | Feedback    | Normal   | Drop pcu_sock conn if queue length grows up to a given threshold                              | jolly    | 12/17/2023 12:59 PM |                  |
| 5773 | OsmoGGSN (former OpenGGSN)            | Bug     | New         | Normal   | OsmoGGSN sends Direct Tunnel packets to the wrong IP address                                  |          | 11/17/2022 04:17 AM |                  |
| 5770 | SIMtrace 2                            | Bug     | Feedback    | Normal   | simtrace2 firmware ignores any but the first USB message sent by simtrace2-list after a reset | jtavares | 11/23/2022 04:01 AM |                  |

| #    | Project                                      | Tracker | Status   | Priority | Subject   | Assignee | Updated             | Related issues                                 |
|------|--|---------|----------|----------|---|----------|---------------------|--|
| 5764 | Cellular Network Infrastructure              | Bug     | New      | Normal   | GCC does not check format strings in LOGPFISM macros  |          | 11/11/2022 06:30 AM |  |
| 5756 | libosmo-abis                                 | Bug     | New      | Normal   | io_uring support in libosmo-abis  |          | 03/20/2024 03:58 PM | Related to #5756,Related to #6357,Blocks #5896 |
| 5750 | Cellular Network Infrastructure              | Bug     | New      | Normal   | contrib/jenkins.sh: build with -Wunused-macros and -Wundef  |          | 11/08/2022 08:07 PM |  |
| 5749 | Cellular Network Infrastructure              | Bug     | New      | Normal   | configure.ac: default CFLAGS, LT_INIT adds "-g -O2"   | fixeria  | 01/31/2023 08:12 PM |  |
| 5738 | Misc Hardware Projects                       | Bug     | New      | Normal   | Sim 800L module Connectivity  |          | 11/02/2022 06:55 PM |  |
| 5735 | osmo-e1d                                     | Bug     | New      | Normal   | ctl client disconnect doesn't re-set timeslot state   |          | 05/23/2023 06:19 AM |  |
| 5726 | OsmoMGW                                      | Bug     | New      | Normal   | AMR octet-align in SDP: lack of 'octet-align' fmp should imply octet-align=0, and the presence or absence of this fmp should not have an effect |          | 12/12/2023 01:51 AM | Is duplicate of #5726                          |
| 5716 | libosmocore                                  | Bug     | New      | Normal   | Replace dynamic (DEAD) NSE if we receive an NS_RESET from a conflicting NSVC  | lynxis   | 10/17/2022 04:40 PM |  |
| 5714 | pySim  | Bug     | Stalled  | Normal   | update_record_decoded does not use real record length when writing EF.MSISDN  | dexter   | 09/17/2023 09:46 AM |  |
| 5712 | OsmoBSC                                      | Bug     | New      | Normal   | LCLS FSM; Not possible to get out from NO_LONGER_LS   | dexter   | 10/18/2022 09:03 AM | Related to #5712                               |
| 5708 | E1/T1 Hardware Interface (including icE1usb) | Bug     | New      | Normal   | rs422: Support runtime re-init of the GPS receiver  | tnt      | 10/13/2022 06:46 PM | Related to #5708                               |
| 5699 | OsmoMSC                                      | Bug     | New      | Normal   | MNCC_RTP_CREATE is not sent in a call waiting scenario  |          | 10/10/2022 06:46 PM |  |
| 5696 | OsmoPCU                                      | Bug     | Stalled  | Normal   | RLC/MAC: poll timeout when assigning a multi-slot DL TBF  | fixeria  | 10/05/2022 11:01 AM |  |
| 5694 | OCTOI - Osmocom Community TDM over IP        | Bug     | Stalled  | Normal   | BERT testing  | laforge  | 12/31/2022 08:24 PM |  |
| 5693 | OCTOI - Osmocom Community TDM over IP        | Bug     | Stalled  | Normal   | no progress tones in yate   |          | 12/03/2023 11:10 AM |  |
| 5685 | Cellular Network Infrastructure              | Bug     | Feedback | Normal   | Dropping debian 10 (buster)   | osmith   | 04/04/2023 10:10 AM | Related to #5685,Related to #5685              |
| 5681 | Retronetworking                              | Bug     | New      | Normal   | Figure out suitable connectors for EKSOS  | laforge  | 07/31/2023 10:22 AM |  |
| 5672 | Misc Hardware Projects                       | Bug     | New      | Normal   | sfp-experimenter / voltage swing of LVDS driver insufficient for SFP spec   |          | 09/02/2022 03:27 PM |  |

| #    | Project                                      | Tracker | Status      | Priority | Subject  | Assignee | Updated             | Related issues                    |
|------|--|---------|-------------|----------|--|----------|---------------------|-----------------------------------|
| 5669 | Cellular Network Infrastructure              | Bug     | New         | Normal   | Test .deb packages built by our OBS  |          | 09/21/2022 01:03 PM | Related to #5669,Related to #5669 |
| 5665 | Core testing infrastructure                  | Bug     | Stalled     | Normal   | ERROR: files left in build directory after distclean: /tests/core                            | fixeria  | 11/14/2023 12:39 PM | Related to #5665,Related to #5858 |
| 5657 | OsmoDia2GSUP                                 | Bug     | Feedback    | Normal   | dia2gsup not (re-)connecting to HLR if osmo-hlr is down                                      | lynxis   | 11/11/2023 06:20 PM |                                   |
| 5644 | Osmocom Libraries                            | Bug     | New         | Normal   | Check library pkg-config files for proper dependencies                                       |          | 08/10/2022 01:02 PM | Related to #5644                  |
| 5639 | SIMtrace 2                                   | Bug     | Feedback    | Normal   | No packet captured but only "Card state change:"   | g1bbs    | 09/20/2023 01:29 PM |                                   |
| 5632 | Core testing infrastructure                  | Bug     | In Progress | Normal   | better test result summary / notifications   | lynxis   | 08/31/2022 11:58 AM |                                   |
| 5630 | pySim  | Bug     | Stalled     | Normal   | pySim-trace doesn't support decoding classic SIM cards (TS 11.11 / TS 51.011)                | laforge  | 07/24/2022 11:06 AM |                                   |
| 5576 | OsmoBTS                                      | Bug     | New         | Normal   | osmo-bts not moving NM state "Enabled -> DisabledDependency" when Admin state becomes Locked |          | 06/02/2022 10:38 AM |                                   |
| 5573 | OsmoHNBGW                                    | Bug     | New         | Normal   | osmo-hnbgw: RANAP LocationReportingControl not implemented                                   |          | 05/30/2022 02:05 PM |                                   |
| 5570 | libosmocore                                  | Bug     | New         | Normal   | coding: decode in-band data in AMR's special DTX frames (SID_FIRST, SID_UPDATE, SID_ONSET)   | fixeria  | 05/24/2022 08:34 AM | Related to #5570                  |
| 5550 | pySim  | Bug     | New         | Normal   | EF.ARR file decoding would need to be context dependent                                      | chrysn   | 06/24/2022 08:50 AM |                                   |
| 5544 | OCTOI - Osmocom Community TDM over IP        | Bug     | New         | Normal   | Strange HDLC frames in PPP when using mISDN/pppd/capiplugin against Portmaster3              |          | 04/23/2022 01:50 PM |                                   |
| 5517 | OsmoBTS                                      | Bug     | New         | Normal   | ttn3-bts-test: new sporadic test case failures   | fixeria  | 03/20/2023 11:45 PM |                                   |
| 5515 | OsmoBSC                                      | Bug     | New         | Normal   | BSC_Tests: re-establishment: RA during CHAN RQD should reflect re-establishment              |          | 04/06/2022 08:02 PM |                                   |
| 5509 | OsmoSGSN                                     | Bug     | New         | Normal   | llc/pdu lifetime: add vty config option to define default lifetime                           |          | 03/31/2022 04:11 PM |                                   |
| 5492 | OsmoBSCNAT                                   | Bug     | New         | Normal   | Support MSC pooling  | osmith   | 04/11/2022 08:19 AM |                                   |
| 5490 | E1/T1 Hardware Interface (including icE1usb) | Bug     | Feedback    | Normal   | ISO IN urb sometimes completes with less than full data / incomplete frame                   | tnt      | 09/15/2022 12:34 PM |                                   |
| 5474 | OsmoBTS                                      | Bug     | New         | Normal   | osmo-bts-trx: DTXd support not implemented   |          | 03/02/2022 05:06 PM | Related to #5474,Related to #5474 |
| 5464 | SIMtrace 2                                   | Bug     | In Progress | Normal   | cardem firmware unable to attach to card   | laforge  | 11/18/2022 06:41 PM | Related to #5464                  |
| 5462 | osmo-sip-connector                           | Bug     | New         | Normal   | Contact Header Missing - Way Forward?  |          | 02/21/2022 05:51 AM |                                   |
| 5460 | gr-osmosdr                                   | Bug     | New         | Normal   | Please use double for ppm with fcdp/pp   |          | 02/17/2022 10:43 PM |                                   |

| #    | Project                               | Tracker | Status      | Priority | Subject  | Assignee | Updated             | Related issues                    |
|------|---------------------------------------|---------|-------------|----------|--|----------|---------------------|-----------------------------------|
| 5445 | gr-osmosdr                            | Bug     | New         | Normal   | Please switch to the gr-funcube  |          | 02/15/2022 11:56 PM |                                   |
| 5433 | OCTOI - Osmocom Community TDM over IP | Bug     | New         | Normal   | forwarding of TS0 / Alarms   |          | 01/30/2022 11:02 AM |                                   |
| 5415 | SIMtrace 2                            | Bug     | New         | Normal   | cardem: watchdog triggers firmware reset   | lynxis   | 02/15/2022 08:07 PM |                                   |
| 5398 | OsmoSGSN                              | Bug     | New         | Normal   | Null pointer access at "uctx" in ranap_iu_tx   | pespin   | 01/10/2022 01:14 PM |                                   |
| 5380 | osmo-ccid-firmware                    | Bug     | New         | Normal   | Incorrect answer to PC_to_RDR_SetParameters CCID command   |          | 01/16/2022 08:55 PM |                                   |
| 5378 | erlang/osmo_ss7                       | Bug     | New         | Normal   | ipa: add support for client application  | laforge  | 01/05/2022 08:36 PM |                                   |
| 5357 | OsmoGGSN (former OpenGGSN)            | Bug     | New         | Normal   | no more than PDP_MAX == 1024 PDP contexts possible in libgtp   |          | 12/14/2021 01:20 PM | Related to #5469                  |
| 5356 | libosmo-abis                          | Bug     | New         | Normal   | libosmo-abis: osmo_rtp_socket_connect() not calling connect() on sockets                                   |          | 12/13/2021 12:50 PM |                                   |
| 5352 | gr-osmosdr                            | Bug     | New         | Normal   | ImportError: generic_type: type "sink" referenced unknown base type "gr::hier_block2"                      |          | 12/11/2021 08:19 AM |                                   |
| 5340 | OsmoMSC                               | Bug     | New         | Normal   | ttn3-msc-test: more memory leaks   | fixeria  | 05/15/2022 04:47 PM |                                   |
| 5338 | OsmoBTS                               | Bug     | New         | Normal   | LMSDevice.cpp:261 Power parameters requested before Tx Frequency was set! Providing band 900 by default... |          | 12/09/2021 11:42 PM |                                   |
| 5335 | OsmoBSC                               | Bug     | In Progress | Normal   | osmo-bsc: Add VTY commands to configure T3.. and N3.. timers counters for gprs                             | jolly    | 12/17/2023 12:59 PM | Related to #5915,Related to #5991 |
| 5313 | OsmoMGW                               | Bug     | New         | Normal   | libosmo-mgcp-client-dbg specific package not generated for debian  |          | 11/16/2021 03:57 PM |                                   |
| 5310 | osmo-ccid-firmware                    | Bug     | New         | Normal   | sysmoOCTSIM does not re-enumerate after unplug/replug the USB cable when PSU is connected                  |          | 11/15/2021 05:13 PM |                                   |
| 5309 | OsmoPCU                               | Bug     | New         | Normal   | osmo-pcu: Support rejecting multiple TBFs upon tx of Packet Access Reject                                  | pespin   | 11/15/2021 06:29 PM |                                   |
| 5308 | OsmoBSC                               | Bug     | Stalled     | Normal   | confusion around mgw e1 line vs trunk dichotomy  | dexter   | 12/13/2021 03:52 PM |                                   |
| 5305 | OsmocomBB                             | Bug     | New         | Normal   | Burst capture  |          | 11/10/2021 06:38 PM |                                   |
| 5301 | Core testing infrastructure           | Bug     | Stalled     | Normal   | Run TTCN3 docker tests with sanitizer enabled  | osmith   | 03/20/2024 09:28 AM | Related to #5302                  |
| 5300 | OsmoPCU                               | Bug     | New         | Normal   | osmo-pcu: SUSPEND-NACK not implemented   |          | 03/31/2022 02:59 PM |                                   |
| 5298 | gr-osmosdr                            | Bug     | New         | Normal   | object has no attribute 'pyqwidget' on arch linux  |          | 11/09/2021 01:25 AM |                                   |
| 5277 | libosmocore                           | Bug     | New         | Normal   | ns2: Allow SNS-CONFIG PDUs from unknown endpoints during config procedure                                  | lynxis   | 10/22/2021 02:28 PM |                                   |
| 5247 | Osmocom Analog                        | Bug     | New         | Normal   | AMPS Segmentation fault  | jolly    | 10/04/2021 11:48 PM |                                   |
| 5242 | OsmoBTS                               | Bug     | Stalled     | Normal   | A-bis/RSL: CRCX ACK indicates '0.0.0.0' as the local/bind address  | fixeria  | 05/01/2022 01:15 PM |                                   |

| #    | Project                         | Tracker | Status      | Priority | Subject   | Assignee  | Updated             | Related issues                    |
|------|---------------------------------|---------|-------------|----------|---|-----------|---------------------|-----------------------------------|
| 5230 | OsmoHNBGW                       | Bug     | In Progress | Normal   | hnbgw fails to connect to the sgsn  | lynxis    | 10/14/2021 07:50 AM |                                   |
| 5227 | OsmoPCU                         | Bug     | New         | Normal   | osmo-pcu: Attempt recovery of TBF when one of its assigned PDCH TS becomes disabled         | pespin    | 10/18/2021 10:12 AM |                                   |
| 5220 | rtl-sdr                         | Bug     | New         | Normal   | Undefined reference to libusb_dev_mem_free  | steve-m   | 08/31/2021 09:21 AM |                                   |
| 5218 | gr-osmosdr                      | Bug     | New         | Normal   | compilation fails: "no matching function for call to fcd_source_c::connect"                 |           | 09/05/2021 10:58 PM |                                   |
| 5208 | libosmocore                     | Bug     | Feedback    | Normal   | ns2: add testcase for SNS Size with invalid tlv   | lynxis    | 02/12/2023 08:37 PM |                                   |
| 5202 | OsmocomBB                       | Bug     | New         | Normal   | [Assert failed rc >= 0 l1ctl.c:83] cell_log crashes (mostly) when monitoring specific ARFCN |           | 07/25/2021 01:38 PM |                                   |
| 5197 | OsmoMSC                         | Bug     | New         | Normal   | msc_i Unimplemented msg type: HANDOVER PERFORMED  | neels     | 08/23/2022 04:05 PM |                                   |
| 5196 | OsmoMSC                         | Bug     | New         | Normal   | Verify several "event not permitted" log lines in unit tests                                | neels     | 08/23/2022 04:08 PM |                                   |
| 5188 | Cellular Network Infrastructure | Bug     | New         | Normal   | BSSMAP Cell Identifier IE vs. Cell Identifier List IE: difference in allowed cell id types  | neels     | 08/23/2022 04:24 PM |                                   |
| 5180 | libosmocore                     | Bug     | In Progress | Normal   | ns2: Document NS inspection/blocking commands   | lynxis    | 06/15/2021 01:10 PM |                                   |
| 5179 | libosmocore                     | Bug     | New         | Normal   | gprs_ns2: use refcounting for the NSE   | lynxis    | 06/13/2021 03:08 AM |                                   |
| 5178 | OsmoTRX                         | Bug     | New         | Normal   | LimeNET Micro clock error   | Hoernchen | 09/15/2021 09:42 AM |                                   |
| 5177 | osmo-sip-connector              | Bug     | New         | Normal   | respect dynamic RTP payload types of external SIP   | neels     | 08/23/2022 04:26 PM | Related to #5177,Related to #5177 |
| 5171 | OsmocomBB                       | Bug     | Feedback    | Normal   | ccch_scan failed  | thor123   | 06/09/2021 12:06 AM |                                   |
| 5154 | OsmoSGSN                        | Bug     | New         | Normal   | OsmoSGSN doesn't trigger 3G paging if downlink GTP traffic arrives after long break         |           | 05/13/2021 12:28 PM | Related to #5154                  |
| 5120 | rtl-sdr                         | Bug     | New         | Normal   | rtlsdr_demod_write_reg failed with -9   |           | 04/18/2021 08:55 PM |                                   |
| 5117 | OsmoSDR                         | Bug     | New         | Normal   | Error building gr-osmosdr with libhackrf  |           | 04/15/2021 07:56 AM |                                   |
| 5050 | OsmoTRX                         | Bug     | New         | Normal   | How can I solve limesdr mini clock problem with osmocom ?                                   |           | 02/27/2021 01:55 PM |                                   |
| 5031 | OsmoSDR                         | Bug     | New         | Normal   | Please switch to gr-funcube   |           | 06/17/2021 09:23 AM |                                   |
| 5029 | libosmocore                     | Bug     | New         | Normal   | vty: optional cases with multiple arguments is undefined behaviour                          |           | 02/18/2021 05:44 PM |                                   |
| 5011 | Core testing infrastructure     | Bug     | New         | Normal   | Warning about unrecognized escape sequence in Osmocom_CTRL_Types                            |           | 02/05/2021 11:21 AM |                                   |
| 5008 | gr-osmosdr                      | Bug     | New         | Normal   | Quoted whitespace parsing problem in source_impl::source_impl                               |           | 02/04/2021 02:16 AM |                                   |
| 4985 | OsmoBTS                         | Bug     | New         | Normal   | AMR RTP CMR of downlink frames not used to influence CMC                                    |           | 01/28/2021 01:35 PM |                                   |
| 4972 | OsmoMSC                         | Bug     | New         | Normal   | manual: the MNCC protocol is outdated (RTP)   |           | 01/24/2021 05:58 PM |                                   |
| 4968 | osmo-gbproxy                    | Bug     | Feedback    | Normal   | Multiple TTCN3 tests only expect one SGSN   | daniel    | 12/09/2021 09:17 PM | Related to #4968                  |

| #    | Project                         | Tracker | Status   | Priority | Subject  | Assignee | Updated             | Related issues                                     |
|------|---------------------------------|---------|----------|----------|--|----------|---------------------|--|
| 4966 | OsmoPCU                         | Bug     | New      | Normal   | osmo-pcu: gprs+egprs multiplex: Allow selecting original 8-PSK dl block during retransmission for GMSK-required DL block |          | 01/26/2021 01:07 PM | Related to #4966                                   |
| 4950 | gr-osmosdr                      | Bug     | New      | Normal   | gr-osmosdr doesn't find iqbalance during build   |          | 02/22/2021 02:46 AM |  |
| 4947 | OsmoPCU                         | Bug     | Stalled  | Normal   | osmo-pcu: Handling for Pkt Resource Req using Global TFI not implemented   | pespin   | 12/22/2022 01:04 PM |  |
| 4942 | gr-osmosdr                      | Bug     | New      | Normal   | XTRX: Unable to compile due to error   | RFNOD    | 01/12/2021 08:29 PM |  |
| 4930 | OsmoBSC                         | Bug     | New      | Normal   | bsc: cbc: vty: "no remote-ip" in cbc > client  |          | 12/31/2020 10:42 PM |  |
| 4926 | OsmoHNBGW                       | Bug     | New      | Normal   | nano3G disconnect / reconnect cycle with SCTP multi-homing   |          | 01/04/2021 11:38 AM | Related to #4926                                   |
| 4925 | libosmo-sccp + libosmo-sigtran  | Bug     | New      | Normal   | SCTP multihoming / ABORT between osmo-msc and osmo-stp   |          | 01/04/2021 11:32 AM | Related to #4926                                   |
| 4908 | libosmocore                     | Bug     | New      | Normal   | Errors compiling with -std=c++14   |          | 03/01/2021 03:38 PM |  |
| 4897 | osmo-gbproxy                    | Bug     | New      | Normal   | gbproxy2: Re-introduce handling of NS_AFF_CAUSE_FAILURE  | daniel   | 03/10/2021 02:49 PM | Related to #4897,Related to #4952,Related to #5040 |
| 4891 | osmo-gbproxy                    | Bug     | Stalled  | Normal   | gbproxy2: Implement processing of BVC-Flow-Control via BVC FSM   | daniel   | 10/25/2021 05:51 AM | Related to #4891                                   |
| 4886 | OsmoSGSN                        | Bug     | New      | Normal   | UE does not connect data when moving from 2G->3G   |          | 12/04/2020 01:29 AM |  |
| 4885 | libosmocore                     | Bug     | New      | Normal   | configure doesn't check for python3  |          | 12/02/2020 03:36 AM |  |
| 4884 | OsmoBSC                         | Bug     | New      | Normal   | RLL_REL_IND is recieved after RF_CHAN_REL  |          | 12/02/2020 11:51 AM |  |
| 4883 | Cellular Network Infrastructure | Bug     | New      | Normal   | update OsmoNITB migration guide  | neels    | 12/01/2020 08:32 AM |  |
| 4881 | OsmoBSC                         | Bug     | Feedback | Normal   | osmo-bsc with unixsocket to osmo-el2tpd fails to bring up rbs6k (dug20+rrus12)   | firs     | 01/01/2021 10:10 AM |  |
| 4869 | OsmoPCU                         | Bug     | New      | Normal   | wireshark: Support dissecting LLC frames on top of RLCMAC (E)GPRS data blocks  |          | 06/26/2023 11:03 AM | Related to #5367                                   |
| 4867 | OsmoPCU                         | Bug     | Stalled  | Normal   | Cinterion BGS2T failing to attach (no Attach Complete ever sent)   | pespin   | 11/30/2020 09:48 AM |  |
| 4858 | OsmoBSC                         | Bug     | New      | Normal   | handover CHANnel ACTIVation: BSC sends timing advance for lchan activation in a different cell                           |          | 11/10/2020 05:41 PM |  |
| 4857 | osmo-clock-gen                  | Bug     | Stalled  | Normal   | FLV9001IDBVR no longer in stock ag digikey   | mschramm | 04/10/2021 10:22 PM |  |
| 4856 | OsmoPCU                         | Bug     | Feedback | Normal   | PCU is running but has no NS connection and does not retry.  | keith    | 10/18/2021 10:02 AM |  |
| 4848 | OsmoBSC                         | Bug     | Feedback | Normal   | osmo-bsc user manual shows tables with per-bts counters three (!) times  | fixeria  | 03/06/2022 09:08 PM | Related to #4848,Related to #4848                  |
| 4847 | OsmoPCU                         | Bug     | New      | Normal   | fix LLC-DISCARD behaviour  |          | 11/04/2020 02:37 AM | Related to #4847                                   |

| #    | Project                    | Tracker | Status      | Priority | Subject   | Assignee  | Updated             | Related issues                    |
|------|----------------------------|---------|-------------|----------|---|-----------|---------------------|-----------------------------------|
| 4845 | OsmoPCU                    | Bug     | Feedback    | Normal   | only send content resolution if it's needed   | lynxis    | 07/28/2023 02:45 PM |                                   |
| 4844 | OsmoPCU                    | Bug     | Feedback    | Normal   | do not resent DL assignment on RACH   | lynxis    | 07/28/2023 02:44 PM |                                   |
| 4842 | libosmocore                | Bug     | In Progress | Normal   | gsm0408 test fails on several architectures   | neels     | 08/23/2022 04:38 PM |                                   |
| 4834 | OsmocomBB                  | Bug     | New         | Normal   | package cp210x-program as part of network:osmocom:{nightly,latest}  | osmith    | 10/26/2020 06:01 PM |                                   |
| 4827 | OsmoBTS                    | Bug     | New         | Normal   | OsmoBTS VTY is lacking various vital information  |           | 10/23/2020 07:14 PM |                                   |
| 4825 | OsmoSGSN                   | Bug     | New         | Normal   | security command is missing sometimes   |           | 10/22/2020 02:40 AM |                                   |
| 4801 | OsmoBTS                    | Bug     | Stalled     | Normal   | BTS_Tests.TC_tch_sign_l2_fill_frame_dtxd fails  | fixeria   | 11/15/2023 08:32 AM | Related to #4801,Related to #5474 |
| 4797 | libosmocore                | Bug     | Feedback    | Normal   | vtv: the output of 'show ns' command is confusing   | fixeria   | 10/23/2020 05:35 PM | Related to #4855,Related to #5085 |
| 4784 | OsmoMSC                    | Bug     | New         | Normal   | wrong cause code (resources unavailable) in MO-to-MT call without response  | neels     | 10/08/2020 02:35 PM |                                   |
| 4777 | osmo-ccid-firmware         | Bug     | New         | Normal   | Reader does not answer to GET DATA RATES command  | Hoernchen | 10/14/2020 02:36 PM |                                   |
| 4776 | osmo-ccid-firmware         | Bug     | New         | Normal   | Reader does not answer to GET CLOCK FREQUENCIES command   | Hoernchen | 10/03/2020 07:31 PM |                                   |
| 4768 | OsmoBSC                    | Bug     | New         | Normal   | pcu interface: add missing field ts, trx on rach indication   | lynxis    | 09/30/2020 08:10 PM |                                   |
| 4767 | OsmoBSC                    | Bug     | New         | Normal   | pcu interface: add suspend request support  |           | 09/29/2020 04:40 PM |                                   |
| 4766 | OsmoBSC                    | Bug     | New         | Normal   | pcu interface: add app info request   |           | 09/26/2020 10:21 PM |                                   |
| 4764 | OsmoMSC                    | Bug     | New         | Normal   | make sure Assignment times out, always  |           | 09/23/2020 02:08 PM |                                   |
| 4758 | rtl-sdr                    | Bug     | New         | Normal   | rtl_tcp no longer works on macos 10.15 via macports   | steve-m   | 04/30/2023 11:59 AM |                                   |
| 4749 | OsmoGGSN (former OpenGGSN) | Bug     | New         | Normal   | Unknown/Unimplemented PCO Protocol  |           | 02/09/2022 01:26 PM |                                   |
| 4746 | libosmocore                | Bug     | New         | Normal   | gb: NS2: implement a NSE based logfilter  |           | 11/14/2020 08:42 AM |                                   |
| 4731 | libosmocore                | Bug     | Stalled     | Normal   | LAPDm does not implement SAPI priorities between data link layers   | fixeria   | 08/28/2020 11:21 AM | Related to #4731,Related to #4731 |
| 4721 | OsmoMSC                    | Bug     | In Progress | Normal   | osmo-msc creates evil-twin entries in the VLR when an already attached IMSI does a LU by an unknown TMSI (was: MSC_Tests.TC_lu_by_tmsi_noauth_unknown fails sporadically locally) | neels     | 03/26/2024 03:02 AM | Related to #4721                  |
| 4720 | rtl-sdr                    | Bug     | New         | Normal   | rtl_power reports invalid values  |           | 08/19/2020 02:47 PM |                                   |
| 4705 | Distributed GSM            | Bug     | New         | Normal   | osmo-hlr user manual: explain the mslookup domain suffix "mdns.osmocom.org", it has no mention in the user manual   |           | 08/13/2020 12:54 AM |                                   |
| 4700 | libosmocore                | Bug     | Feedback    | Normal   | 'socket' C test fails when there is no IPv6   | neels     | 03/24/2021 12:33 PM |                                   |

| #    | Project                      | Tracker | Status   | Priority | Subject  | Assignee | Updated             | Related issues  |
|------|------------------------------|---------|----------|----------|--|----------|---------------------|---|
| 4685 | SDR (Software Defined Radio) | Bug     | New      | Normal   | Can't compile libusrp  |          | 08/04/2020 08:52 AM |   |
| 4683 | OsmoBSC                      | Bug     | New      | Normal   | properly report OM2000 bring-up problems   | laforge  | 07/30/2020 06:50 AM | Related to #4683,Related to #6378                                   |
| 4677 | SDR (Software Defined Radio) | Bug     | New      | Normal   | fopher crash on OSX with Qt  |          | 07/27/2020 03:27 AM |   |
| 4660 | OsmoMSC                      | Bug     | New      | Normal   | GSM AUTH failure: mismatching sres - with module TRM-5 ext   |          | 07/12/2020 08:01 PM |   |
| 4653 | SDR (Software Defined Radio) | Bug     | New      | Normal   | cannot import name 'fosphor'   |          | 07/07/2020 02:39 AM |   |
| 4645 | OsmoBSC                      | Bug     | New      | Normal   | OM2K: "Sequence Error" due to too early iniitialization of RSL during BTS start                    | laforge  | 07/04/2020 07:24 PM |   |
| 4637 | OsmoTRX                      | Bug     | New      | Normal   | limesdr usb gain setting changes break gsm phasenoise constraints                                  |          | 06/29/2020 04:43 PM |   |
| 4604 | OsmoSGSN                     | Bug     | New      | Normal   | Lots of "Unusual event"  | lynxis   | 06/13/2020 06:19 PM | Related to #4604,Related to #4604,Related to #4604,Related to #4604 |
| 4602 | OsmoSGSN                     | Bug     | Feedback | Normal   | SGSN crash with "Assert failed mm->gb.lme == NULL gprs_sgsn.c:358"                                 | lynxis   | 02/26/2021 07:34 PM | Related to #4604,Related to #4605,Related to #4602                  |
| 4601 | OsmoSGSN                     | Bug     | Feedback | Normal   | gmm_fsm{Registered.SUSPENDED}: Event E_GMM_COMMON_PROC_INIT_REQ not permitted                      | lynxis   | 06/08/2020 06:11 PM | Related to #4604  |
| 4600 | OsmoSGSN                     | Bug     | Feedback | Normal   | gmm_fsm{CommonProcedureInitiated}: Event E_GMM_COMMON_PROC_INIT_REQ not permitted                  | lynxis   | 06/08/2020 06:08 PM | Related to #4604  |
| 4599 | OsmoSGSN                     | Bug     | New      | Normal   | counter group sgsn:pdpcx already exists for index X, instead using Y                               |          | 09/09/2020 10:05 AM | Related to #4604  |
| 4589 | OsmoBSC                      | Bug     | New      | Normal   | osmo-bsc crashes with "lchan allocation failed in state WAIT_RF_RELEASE_ACK: Timeout"              |          | 06/06/2020 10:40 PM |   |
| 4579 | OsmoBTS                      | Bug     | New      | Normal   | add IPv6 support   |          | 02/12/2021 12:26 PM |   |
| 4565 | OsmoHLR                      | Bug     | New      | Normal   | TTCN-3 testsuite: mDNS_UDP: maximum number of open file descriptors is greater than FD_SETSIZE     | fixeria  | 06/17/2020 09:28 AM |   |
| 4560 | OsmoBSC                      | Bug     | New      | Normal   | inter-BSC HO: target cell fails when there is no TCH, only dynamic TCH/F_PDCH timeslots            | neels    | 05/20/2020 09:00 PM |   |
| 4557 | OsmoMSC                      | Bug     | New      | Normal   | normal BSSMAP Clear Command from MSC contains cause == 0 meaning "Radio interface message failure" |          | 05/20/2020 07:17 PM |   |
| 4554 | OsmoMGW                      | Bug     | New      | Normal   | Clean up stale endpoints after OsmoBSC crash   |          | 05/16/2020 08:52 PM |   |



| #    | Project                        | Tracker | Status      | Priority | Subject  | Assignee  | Updated             | Related issues                                     |
|------|--------------------------------|---------|-------------|----------|--|-----------|---------------------|--|
| 4553 | OsmoBSC                        | Bug     | New         | Normal   | OsmoBSC doesn't handle RESET IP RESOURCE BSSMAP message                                      |           | 05/16/2020 07:44 PM |  |
| 4552 | OsmoMGW                        | Bug     | New         | Normal   | ip-probing issue with BTS connection - no rebinding to a correct IP address                  |           | 05/14/2020 11:18 PM |  |
| 4542 | OsmoGSMTester                  | Bug     | Stalled     | Normal   | ofono: crash in drivers/qmimodem/gprs.c:extract_ss_info()                                    | pespin    | 07/30/2021 10:30 AM |  |
| 4538 | OsmoBSC                        | Bug     | New         | Normal   | timeslot_fsm.c: make the PDCH act/deact timeout configurable                                 |           | 05/09/2020 08:20 PM | Related to #4539                                   |
| 4513 | rtl-sdr                        | Bug     | New         | Normal   | PKG information broken   |           | 04/26/2020 03:21 PM |  |
| 4500 | OsmoBTS                        | Bug     | Stalled     | Normal   | osmo-bts-{sysmo,oc2g,litecell15}: PTCCH/U is not enabled on PDCH timeslots                   | fixeria   | 06/25/2020 04:48 PM | Related to #4500,Related to #4500,Related to #4501 |
| 4484 | gr-osmosdr                     | Bug     | New         | Normal   | CMakeFiles.txt   |           | 04/06/2020 05:19 PM |  |
| 4480 | IMSI Pseudonymization          | Bug     | New         | Normal   | Applet/OsmoMSC: fix or workaround for OsmoMSC only paging attached MS                        |           | 04/16/2020 08:45 AM | Related to #4480                                   |
| 4469 | OsmoTRX                        | Bug     | New         | Normal   | osmo-trx-uhd is sending UDP packets to port 49600 at various addresses on startup            | laforge   | 06/13/2020 06:07 PM |  |
| 4468 | OsmoTRX                        | Bug     | Feedback    | Normal   | "RSSI offset" default of 0 is not useful   | Hoernchen | 10/14/2020 02:40 PM | Related to #4468,Related to #4468,Related to #4583 |
| 4464 | libosmo-abis                   | Bug     | In Progress | Normal   | "osmo_rtp_socket_poll(): ERROR!" messages during normal osmo-bts usage                       | laforge   | 02/06/2021 02:27 PM | Related to #4467                                   |
| 4457 | libosmo-sccp + libosmo-sigtran | Bug     | New         | Normal   | editing the SCCP address book (global-title) on a running instance may crash the application |           | 03/17/2020 11:17 PM |  |
| 4452 | OsmoPCU                        | Bug     | Stalled     | Normal   | manual testing of osmo-pcu   |           | 07/28/2023 02:48 PM |  |
| 4451 | OsmoMSC                        | Bug     | New         | Normal   | vty 'show stats level': different stats levels yield identical results                       |           | 03/09/2020 10:10 PM |  |
| 4447 | OsmoMGW                        | Bug     | New         | Normal   | DSCP value should be a 6 bit field   | osmith    | 03/09/2020 04:50 PM | Related to #4447                                   |
| 4443 | libosmocore                    | Bug     | New         | Normal   | CTRL interface blocks wildcard in rate_ctr   |           | 03/08/2020 01:06 PM | Related to #4443,Related to #4443                  |
| 4440 | OsmoBTS                        | Bug     | New         | Normal   | osmo_bts_virtual doesn't detect if mobile/virtphy is gone                                    | laforge   | 03/07/2020 03:44 PM |  |
| 4432 | OsmoMGW                        | Bug     | New         | Normal   | for 'domain *', mgw should echo the domain of the MGCP client                                |           | 03/04/2020 12:39 AM |  |
| 4431 | osmo-clock-gen                 | Bug     | In Progress | Normal   | TC1 (TC2050) pin 4 should connect to VDD network, not VDD_3V3                                | laforge   | 07/20/2020 10:42 PM |  |
| 4430 | SIMtrace 2                     | Bug     | New         | Normal   | firmware can get in endless out-of-memory loop on OUT EP flood                               | laforge   | 11/14/2022 11:46 PM |  |

| #    | Project                         | Tracker | Status      | Priority | Subject  | Assignee | Updated             | Related issues   |
|------|---------------------------------|---------|-------------|----------|--|----------|---------------------|------------------|
| 4427 | rtl-sdr                         | Bug     | New         | Normal   | docker + rtl_sdr issue   |          | 02/29/2020 01:16 PM |                  |
| 4417 | IMSI Pseudonymization           | Bug     | New         | Normal   | Applet: LU counter should only increase on successful location update  |          | 04/16/2020 08:45 AM | Related to #4478 |
| 4366 | OsmoTRX                         | Bug     | New         | Normal   | Create testsuite to test osmo-bts-trx+osmo-trx under high channel load (w/ RACH correlation)                                     | pespin   | 01/15/2020 01:59 PM | Related to #4366 |
| 4364 | OsmoBTS                         | Bug     | New         | Normal   | osmo-bts-trx configured with 2 TRX and osmo-trx with 1 TRX -> bad behavior   | pespin   | 07/06/2020 07:16 PM |                  |
| 4359 | gr-osmosdr                      | Bug     | New         | Normal   | Compiling from Git Bramcj gr3.8 fails  |          | 01/12/2020 05:08 PM |                  |
| 4352 | osmo-sip-connector              | Bug     | New         | Normal   | Need to handle 401 Unauthorized  |          | 01/09/2020 02:03 PM |                  |
| 4337 | OsmoMSC                         | Bug     | New         | Normal   | osmo-msc: Don't send LU-Reject after LU-Accept if no TMSI Realloc Complete is received   |          | 01/07/2021 06:22 PM | Related to #4337 |
| 4325 | gr-osmosdr                      | Bug     | New         | Normal   | can't open hackrf_sink with device index   |          | 12/13/2019 09:18 AM |                  |
| 4310 | osmo-sip-connector              | Bug     | New         | Normal   | sends BYE to self  |          | 01/09/2020 09:21 AM |                  |
| 4274 | OsmoSTP                         | Bug     | New         | Normal   | AS Name isn't displayed  |          | 03/14/2024 10:33 AM |                  |
| 4268 | Distributed GSM                 | Bug     | In Progress | Normal   | duplicate SMS when SMPP handler sends back to the originating MSC  | neels    | 06/08/2020 03:11 PM |                  |
| 4265 | libosmocore                     | Bug     | New         | Normal   | --enable-embedded doesn't work as expected   |          | 11/12/2019 11:18 AM |                  |
| 4240 | OsmoMSC                         | Bug     | In Progress | Normal   | test: incoming call when already Paging  |          | 11/27/2019 11:09 PM |                  |
| 4174 | osmo-fl2k                       | Bug     | New         | Normal   | After the latest commits, the fl2k tools do not exit on first SIGINT   |          | 08/25/2019 04:57 PM |                  |
| 4172 | OsmoGGSN (former OpenGGSN)      | Bug     | New         | Normal   | osmoggsn crashes when stopping   |          | 08/29/2019 11:35 AM |                  |
| 4167 | OsmoMSC                         | Bug     | Feedback    | Normal   | Event VLR_ULA_E_ID_IMEISV not permitted  | osmith   | 09/04/2019 08:13 PM |                  |
| 4163 | OsmoHLR                         | Bug     | New         | Normal   | Subscriber on demand: "Error while deleting subscriber data for IMSI" after changing network access mode from cs+ps back to none | osmith   | 08/22/2019 01:41 PM |                  |
| 4161 | OsmoGGSN (former OpenGGSN)      | Bug     | New         | Normal   | Implement pdp idle timer   | pespin   | 08/20/2019 06:30 PM | Related to #4161 |
| 4158 | OsmoHNBGW                       | Bug     | New         | Normal   | segfault when paging, in a situation with duplicate CID in hnb register requests   |          | 05/13/2021 12:01 PM | Related to #4162 |
| 4153 | OsmoMGW                         | Bug     | New         | Normal   | 3G voice broken with ALu 9361 femto  |          | 04/25/2022 05:43 PM |                  |
| 4151 | OsmoGSMTester                   | Bug     | Stalled     | Normal   | osmo-gsm-tester: osmo-trx-lms process sometimes kept forever in zombie-alike state after killing it                              |          | 09/30/2020 08:08 PM | Related to #4151 |
| 4149 | libosmocore                     | Bug     | New         | Normal   | osmo_fsm allows event names to have spaces in them   | laforge  | 01/25/2022 09:53 AM |                  |
| 4141 | Cellular Network Infrastructure | Bug     | New         | Normal   | No osmux specific code in place during codec negotiation   |          | 08/05/2019 03:57 PM |                  |
| 4130 | OP25                            | Bug     | New         | Normal   | OP25 User Interface  |          | 07/26/2019 02:36 AM |                  |

| #    | Project                        | Tracker | Status  | Priority | Subject  | Assignee  | Updated             | Related issues                                     |
|------|--------------------------------|---------|---------|----------|--|-----------|---------------------|--|
| 4118 | SIMtrace 2                     | Bug     | New     | Normal   | VCC_PHONE strong pull on SIMtrace board  | mschramm  | 02/01/2023 12:16 PM | Related to #4118,Related to #4118                  |
| 4104 | libosmocore                    | Bug     | New     | Normal   | support for KASME generation   | laforge   | 07/12/2019 10:15 AM | Related to #4105                                   |
| 4098 | gr-osmosdr                     | Bug     | New     | Normal   | [BladeRF micro] Arguments set in osmocore Sink and Source are not passed to libbladerf | horiz0n   | 07/18/2019 05:35 AM |  |
| 4082 | OsmoBTS                        | Bug     | New     | Normal   | OML: Unknown/unhandled PCHAN type: 0 NONE  |           | 11/18/2019 10:09 AM |  |
| 4072 | libosmo-sccp + libosmo-sigtran | Bug     | New     | Normal   | Implement IPA PING/PONG mechanism in libosmo-sigtran +                                 | Hoernchen | 06/21/2019 02:51 PM | Related to #4072                                   |
| 4070 | OsmoBSC                        | Bug     | Stalled | Normal   | Implement IPA PING/PONG mechanism on RSL and OML                                       | osmith    | 09/30/2020 08:13 PM | Related to #5785                                   |
| 4041 | SIMtrace 2                     | Bug     | New     | Normal   | implement SIMTRACE_CMD_BD_BOARD_INFO   | laforge   | 12/06/2019 01:38 PM | Related to #4041                                   |
| 4031 | OsmoBTS                        | Bug     | New     | Normal   | OML part of BTS has no TTCN-3 tests  |           | 09/04/2019 09:04 AM | Related to #4031,Related to #4031                  |
| 4023 | OsmoBTS                        | Bug     | Stalled | Normal   | Missing coverage of PCU interface in osmo-bts  |           | 03/21/2023 01:07 PM | Related to #4023                                   |
| 4019 | OsmoPCU                        | Bug     | New     | Normal   | implement a command to show all informations from the bts                              |           | 11/25/2020 07:33 PM |  |
| 4018 | OsmoPCU                        | Bug     | New     | Normal   | investigate ordering of includes paths   |           | 05/23/2019 10:59 AM |  |
| 4017 | OsmoMSC                        | Bug     | New     | Normal   | MSC fails to handle calls  |           | 05/29/2019 04:56 PM |  |
| 4009 | OsmoBTS                        | Bug     | New     | Normal   | Channel Activation starts SACCH too early in Synchronous Handover                      |           | 03/11/2022 12:44 PM | Related to #4009,Related to #4010,Related to #4009 |
| 4005 | OsmoMGW                        | Bug     | Stalled | Normal   | TTCN3 crashes when receiving an RTP MGCP_DUMMY_LOAD from osmo-mgw during CRCX          | dexter    | 06/14/2021 08:31 AM | Related to #4005                                   |
| 3992 | OsmoMSC                        | Bug     | New     | Normal   | inter-MSC handover for signalling-only?  |           | 05/09/2019 11:39 AM |  |
| 3983 | libosmocore                    | Bug     | New     | Normal   | osmo_fsm_inst_change_parent() forgets to talloc reparent                               |           | 03/24/2021 12:35 PM |  |
| 3981 | OsmoTRX                        | Bug     | New     | Normal   | osmo-trx-lms: Overruns appear from time to time  |           | 09/30/2020 08:08 PM | Related to #3981                                   |
| 3980 | OsmoMGW                        | Bug     | New     | Normal   | Clear Command before CRCX OK may leak MGW endpoint                                     |           | 05/06/2019 10:11 PM |  |
| 3964 | OsmoSGSN                       | Bug     | New     | Normal   | SIGSEGV in sndcp_sm_deactivate_ind()   |           | 10/10/2019 07:11 PM | Related to #3964,Related to #4221,Related to #4602 |
| 3949 | OsmoTRX                        | Bug     | New     | Normal   | osmo-trx-lms: improve runtime gain setting (missing calibration)                       |           | 09/30/2020 08:08 PM | Related to #4468                                   |
| 3940 | OsmoSGSN                       | Bug     | New     | Normal   | TTCN-3: lu: test UMTS Auth   |           | 04/24/2019 08:24 AM |  |

| #    | Project                      | Tracker | Status      | Priority | Subject  | Assignee  | Updated             | Related issues                         |
|------|------------------------------|---------|-------------|----------|--|-----------|---------------------|--|
| 3939 | OsmoSGSN                     | Bug     | New         | Normal   | TTCN: do a GMM Attach Request when in GMM Connected and have a PDP Request                 |           | 04/24/2019 08:25 AM |  |
| 3937 | OsmoSGSN                     | Bug     | In Progress | Normal   | lu: verify handling of GMM Service Request (data)when no PDP Context present.              |           | 05/21/2019 10:28 AM | Related to #3937                       |
| 3936 | OsmoSGSN                     | Bug     | New         | Normal   | lu: first GMM Service Request does not find a MM ctx                                       |           | 05/07/2019 01:37 PM | Related to #3936                       |
| 3929 | OsmoPCU                      | Bug     | New         | Normal   | Missing PCU_Tests.ttcn link adaptation tests   | pespin    | 06/17/2020 08:32 AM | Related to #3929                       |
| 3923 | OsmoSGSN                     | Bug     | New         | Normal   | lu: Respond to SecurityCommandReject messages  |           | 04/24/2019 08:26 AM | Related to #3923                       |
| 3917 | OsmoGSMTester                | Bug     | New         | Normal   | ofono: update debian packages to match our dependencies                                    |           | 04/06/2020 11:30 AM |  |
| 3909 | libosmocore                  | Bug     | New         | Normal   | osmo_get_rand_id() fails in containerised environment                                      |           | 03/24/2021 12:34 PM | Related to #3909                       |
| 3882 | gr-osmosdr                   | Bug     | New         | Normal   | Cannot compile gr-osmosdr!   | horiz0n   | 07/18/2019 05:35 AM |  |
| 3880 | OsmoMSC                      | Bug     | New         | Normal   | GSUP MT-ForwardSM Message Reference - wrong value in a response                            |           | 04/01/2019 07:47 AM |  |
| 3865 | OsmoBSC                      | Bug     | New         | Normal   | nanoBTS: GPRS not working anymore, modems unable to attach in osmo-gsm-tester              |           | 05/11/2023 01:00 PM | Is duplicate of #3865                  |
| 3855 | gr-osmosdr                   | Bug     | New         | Normal   | Cannot build gr-osmosdr with Gnuradio 3.8  | horiz0n   | 07/13/2020 10:05 PM |  |
| 3849 | OsmoMGW                      | Bug     | New         | Normal   | race condition problem in rtp flow tests of the ttcn3 testsuite                            |           | 09/04/2019 09:26 AM |  |
| 3829 | OsmoMSC                      | Bug     | New         | Normal   | osmo-msc expects aoip TLV in Assignment Complete messages from BSC                         |           | 03/07/2019 08:30 PM |  |
| 3820 | OsmoHNBGW                    | Bug     | New         | Normal   | osmo-hnbgw does not properly do RANAP RESET and RESET ACK on the link towards MSC and SGSN |           | 05/13/2021 12:01 PM | Related to #3944                       |
| 3817 | SDR (Software Defined Radio) | Bug     | New         | Normal   | Unable to use fospor display on Ubuntu 18.10   |           | 02/26/2019 06:56 PM |  |
| 3815 | SIMtrace 2                   | Bug     | New         | Normal   | simtrace2 fails USB-IF CH9 test  | Hoernchen | 05/12/2020 07:24 PM |  |
| 3814 | OsmoBSC                      | Bug     | New         | Normal   | MS Power Control Problem with Osmo-BSC and nanoBTS   |           | 02/24/2019 01:15 AM |  |
| 3812 | libosmo-netif                | Bug     | Stalled     | Normal   | stream_test fails depending on where it is run   |           | 03/13/2019 04:15 PM |  |
| 3806 | OsmoBSC                      | Bug     | Stalled     | Normal   | OsmoBSC accepts BSSAP with wrong length field  |           | 08/28/2020 08:15 PM | Related to #3806                       |
| 3797 | rtl-sdr                      | Bug     | New         | Normal   | Exits with "Bus error"   |           | 02/12/2019 02:28 PM |  |
| 3792 | OsmoBTS                      | Bug     | New         | Normal   | OsmoBTS doesn't include the "Starting Time" attribute in "Set BTS Attributes ACK"          | osmith    | 07/18/2019 06:05 AM |  |
| 3776 | OP25                         | Bug     | New         | Normal   | Build fail using gcc version 7.3.0 Ubuntu 18.04.1 LTS                                      |           | 07/05/2019 07:12 PM |  |
| 3775 | OsmoTRX                      | Bug     | Stalled     | Normal   | properly debug limesdr usb and limesdr mini clocking requirements and osmo-trx support     |           | 09/30/2020 08:09 PM | Blocks #3341,Blocks #3342,Blocks #3775 |
| 3763 | osmo-sip-connector           | Bug     | New         | Normal   | Implement correct handling for call answered elsewhere                                     |           | 01/22/2019 01:03 PM |  |

| #    | Project            | Tracker | Status   | Priority | Subject   | Assignee                      | Updated             | Related issues  |
|------|--------------------|---------|----------|----------|---|-------------------------------|---------------------|---|
| 3741 | osmo-sip-connector | Bug     | New      | Normal   | Unknow call parameters shown in vty   |                               | 12/28/2018 02:01 PM |   |
| 3735 | OsmoMSC            | Bug     | Stalled  | Normal   | call arriving during another call has no voice  | neels                         | 06/18/2019 09:18 PM |   |
| 3731 | OsmoMGW            | Bug     | New      | Normal   | TTCN3 TC_rtpem_selftest randomly fails  |                               | 01/08/2020 10:18 PM |   |
| 3724 | osmo-sip-connector | Bug     | New      | Normal   | Wrong media format used in SIP INVITE causes one-way audio  |                               | 12/11/2018 02:57 PM | Related to #3724,Related to #5177                       |
| 3696 | OsmoSGSN           | Bug     | New      | Normal   | Intermittent Connection Drop  |                               | 01/08/2020 10:48 PM |   |
| 3689 | OsmoSGSN           | Bug     | New      | Normal   | Support Cisco GGSN (Cisco 7200 with IOS 12.4.x)   |                               | 04/09/2019 11:21 AM |   |
| 3676 | OsmoGSMTester      | Bug     | New      | Normal   | ofono: org.ofono.ConnectionManager property Bearer returning "none"   |                               | 06/09/2020 08:39 PM |   |
| 3663 | gr-osmosdr         | Bug     | New      | Normal   | Can't compile gr-osmosdr on macOS Mojave  |                               | 10/19/2018 02:37 PM |   |
| 3653 | OsmocomBB          | Bug     | New      | Normal   | FACCH/H sometimes not received by BTS with osmocomBB+motorolaCXX  |                               | 10/22/2018 02:37 PM | Related to #5518  |
| 3652 | OsmocomBB          | Bug     | New      | Normal   | Incorrect IMEISV setting in mobile application  |                               | 10/12/2018 08:20 PM |   |
| 3637 | OsmoBSC            | Bug     | Feedback | Normal   | handover decision 2: properly check available codecs  | neels                         | 10/09/2018 09:45 AM | Related to #3637,Related to #3637                       |
| 3629 | OsmocomBB          | Bug     | New      | Normal   | mobile aborting after 'test re-selection 1' on vty  |                               | 10/04/2018 02:58 PM |   |
| 3622 | libosmo-abis       | Bug     | New      | Normal   | Clear API mess in sign_link_up callback   | pespin                        | 10/02/2018 07:34 PM |   |
| 3592 | gr-osmosdr         | Bug     | New      | Normal   | rtl: Race Conditions  | horiz0n                       | 07/18/2019 05:35 AM |   |
| 3591 | rtl-sdr            | Bug     | New      | Normal   | No Way To Detect Occasional Failed Bulk Transfers   |                               | 09/25/2018 01:29 PM |   |
| 3590 | rtl-sdr            | Bug     | New      | Normal   | Key Functions Missing Documentation   |                               | 09/25/2018 01:04 PM |   |
| 3589 | rtl-sdr            | Bug     | New      | Normal   | Zerocopy Buffers Unusable Outside Callback Without memcpy()   |                               | 09/25/2018 12:58 PM |   |
| 3588 | rtl-sdr            | Bug     | New      | Normal   | Error Values Inconsistent   |                               | 09/25/2018 12:47 PM |   |
| 3569 | OsmoBTS            | Bug     | Stalled  | Normal   | Some phones don't receive SMSB  | laforge                       | 01/14/2019 03:32 PM |   |
| 3560 | OsmoGSMTester      | Bug     | Stalled  | Normal   | nanoBTS multiTRX tests in osmo-gsm-tester Prod setup failing  | pespin                        | 09/04/2019 09:16 AM | Related to #3560,Related to #3560,Is duplicate of #3475 |
| 3557 | OsmocomBB          | Bug     | New      | Normal   | trxcon: decoding errors after applying a new TCH mode   | fixeria                       | 06/21/2019 11:56 AM |   |
| 3531 | OP25               | Bug     | New      | Normal   | Unknown status of the p25 wireshark plugin  |                               | 10/06/2022 05:52 AM |   |
| 3474 | OsmoBSC            | Bug     | Feedback | Normal   | SDCCH not released if Radio Link Failure / Sending Connection Failure: cause = 0x001 Experienced in osmo-bsc and osmo-bts-trx | ron.menez@entropysolution.com | 10/05/2020 09:33 PM |   |
| 3462 | gr-osmosdr         | Bug     | New      | Normal   | gr-osmosdr installation bladerf conversion errors   | horiz0n                       | 07/18/2019 05:35 AM |   |

| #    | Project  | Tracker | Status      | Priority | Subject   | Assignee  | Updated             | Related issues                                     |
|------|--|---------|-------------|----------|---|-----------|---------------------|--|
| 3459 | OsmocomBB SDR PHY                                      | Bug     | Stalled     | Normal   | apps/grgsm_trx: AssertionError: packet_info.packet_count == (seq_to_ack & 0xffff)               |           | 07/09/2023 07:48 PM |  |
| 3458 | OsmocomBB SDR PHY                                      | Bug     | Stalled     | Normal   | apps/grgsm_trx: [ERROR] [STREAMER] rcv packet demuxer unexpected sid 0xXX                       |           | 07/09/2023 07:48 PM | Related to #3692                                   |
| 3442 | OsmoMGW  | Bug     | New         | Normal   | fix int mgcp_codec_decide() in mgcp_codec.c   |           | 09/04/2019 09:26 AM |  |
| 3425 | OsmocomBB SDR PHY                                      | Bug     | Stalled     | Normal   | Receiver: missing AGC (Automatic Gain Control)  |           | 07/09/2023 07:44 PM |  |
| 3422 | OsmocomBB SDR PHY                                      | Bug     | Stalled     | Normal   | Receiver: sample / burst buffering problem  |           | 07/09/2023 07:39 PM |  |
| 3420 | libosmo-ranap  | Bug     | Stalled     | Normal   | ranap_transp_assoc_decode() decodes X.213 NSAP address headers as IP address                    | osmith    | 07/17/2021 10:14 AM |  |
| 3417 | Cellular Network Infrastructure                        | Bug     | New         | Normal   | show asciidoc counters does not show all the counters available                                 | osmith    | 12/01/2019 09:28 AM | Related to #3417,Related to #4848                  |
| 3403 | OsmoSGSN   | Bug     | New         | Normal   | osmo-sgsn doesn't connect properly with via SCCP when restarted                                 | lynxis    | 02/07/2021 12:57 PM | Related to #3403                                   |
| 3401 | OsmocomBB  | Bug     | New         | Normal   | target/firmware/l1ctl: both chan_nr and link_id are not set for L1CTL_DATA_CONF                 |           | 07/16/2018 11:56 PM |  |
| 3356 | OsmoSGSN   | Bug     | In Progress | Normal   | OsmoSGSN doesn't provide unique IDTAG_SERNR in IPA CCM  | osmith    | 04/09/2019 11:22 AM | Related to #3356,Related to #3356,Related to #3644 |
| 3342 | OsmoTRX  | Bug     | Stalled     | Normal   | osmo-trx-lms: low tx output power level   | Hoernchen | 04/06/2022 09:25 AM | Related to #3342,Blocks #3342                      |
| 3284 | OsmoPCU  | Bug     | New         | Normal   | GPRS cell re-selection appears sticky in packet transfer / packet idle mode                     |           | 01/08/2020 10:45 PM | Related to #2400,Related to #3284                  |
| 3243 | OsmoBSC  | Bug     | New         | Normal   | there is MGW config for each separate 'msc', but the MGW settings are stored only once globally |           | 05/07/2018 03:10 PM |  |
| 3240 | gr-osmosdr   | Bug     | New         | Normal   | Expose airspy gain setting in gr-osmosdr block  |           | 06/03/2018 12:08 PM |  |
| 3224 | OsmoSGSN   | Bug     | New         | Normal   | verify ciphering after UMTS AKA   |           | 01/08/2020 10:48 PM | Related to #3193,Related to #3224                  |
| 3200 | Osmocom Conferences (OsmoDevCon, OsmoCon, OsmoDevCall) | Bug     | New         | Normal   | OsmoDevCon: Use loudspeakers even at IN-Berlin  |           | 05/07/2024 11:49 AM |  |
| 3141 | OsmoTRX  | Bug     | New         | Normal   | Refactor / clean up TRX CTRL / DATA interfaces implementation                                   |           | 04/05/2018 05:46 PM |  |
| 3110 | OsmoMSC  | Bug     | New         | Normal   | Test and possibly fix ID Request after Auth failure   | neels     | 09/30/2018 11:36 AM |  |

| #    | Project       | Tracker | Status   | Priority | Subject  | Assignee | Updated             | Related issues                                 |
|------|---------------|---------|----------|----------|--|----------|---------------------|--|
| 3067 | OsmoTRX       | Bug     | New      | Normal   | osmo-trx usrp b100 time out and packet loss between host and device            | ttsou    | 03/15/2018 06:36 PM |  |
| 3061 | OsmoTRX       | Bug     | New      | Normal   | OsmoTRX ARM chroot build jobs failing due to proot bug                         | pespin   | 12/02/2019 04:54 PM | Related to #3766,Related to #4301              |
| 3046 | OsmoGSMTester | Bug     | New      | Normal   | ofono: SierraW modem fails to power on   |          | 01/08/2020 10:41 PM |  |
| 3020 | OsmoBSC       | Bug     | New      | Normal   | OsmoBSC PCU socket interface not yet tested by BSC_Tests.ttcn                  | laforge  | 05/21/2019 06:29 PM |  |
| 3002 | OsmoBSC       | Bug     | New      | Normal   | HO2: handover decision for dynamic timeslots                                   | neels    | 10/28/2020 08:46 PM | Related to #1606,Related to #1608,Blocks #3002 |
| 3000 | OsmoBSC       | Bug     | New      | Normal   | OsmoBSC issues "RSL Connect" command too early -> race conditions              |          | 02/25/2018 12:32 PM | Related to #2470,Related to #4179              |
| 2995 | OsmocomBB     | Bug     | New      | Normal   | Wrong parsing of PAGING TYPE 3   |          | 02/24/2018 11:03 PM | Related to #2994                               |
| 2962 | OsmoSGSN      | Bug     | New      | Normal   | Missing TTCN-3 test cases  |          | 01/08/2020 10:47 PM |  |
| 2960 | OsmoSGSN      | Bug     | New      | Normal   | OsmoSGSN confirms PDP CTX ACT to MS/Gb despite missing conditional IEs on GTP  |          | 01/08/2020 10:48 PM |  |
| 2958 | OsmoSGSN      | Bug     | Stalled  | Normal   | OsmoSGSN doesn't authenticate on second/further ATTACH REQUEST                 |          | 01/08/2020 10:49 PM | Related to #2958,Related to #4221              |
| 2957 | OsmoSGSN      | Bug     | New      | Normal   | No timeout during GSUP PURGE MS to HLR   |          | 01/08/2020 10:47 PM |  |
| 2953 | OsmoSGSN      | Bug     | New      | Normal   | No timeout waiting for UpdateLocation Response on GSUP                         |          | 01/08/2020 10:47 PM | Related to #2952                               |
| 2951 | OsmoSGSN      | Bug     | Feedback | Normal   | OsmoSGSN Accepts two MO L3 Messages with N(U) set to zero                      | osmith   | 09/11/2019 12:24 PM |  |
| 2943 | OsmoMSC       | Bug     | New      | Normal   | Errors in MGCP do not propagate back to MNCC gsm_subscriber_conn state machine |          | 09/04/2019 09:21 AM |  |
| 2941 | OsmoGSMTester | Bug     | New      | Normal   | ofono: SierraW sometimes crashing while deactivating a context.                |          | 01/08/2020 10:40 PM |  |
| 2928 | OsmoMSC       | Bug     | New      | Normal   | OsmoMSC doesn't do BSSMAP ASSIGNMENT if no MNCC_RTP_CREATE is received         |          | 02/11/2018 05:38 PM |  |
| 2916 | OsmoMSC       | Bug     | New      | Normal   | asan failure on debian unstable in msc_vlr_test_gsm_ciph                       |          | 02/09/2018 04:20 PM |  |
| 2895 | OsmoMSC       | Bug     | New      | Normal   | OsmoMSC excessively uses LU Reject Cause 22 (congestion)                       | osmith   | 07/18/2019 05:41 AM |  |
| 2883 | OsmoMSC       | Bug     | New      | Normal   | GSUP encoding of MSISDN is wrong   |          | 10/20/2020 08:41 AM | Related to #4324,Related to #4333              |

| #    | Project | Tracker | Status   | Priority | Subject  | Assignee | Updated             | Related issues |
|------|---------|---------|----------|----------|--|----------|---------------------|----------------|
| 2877 | OsmoMSC | Bug     | New      | Normal   | OsmoMSC fails on bearer capability without octet 3a                                | osmith   | 07/18/2019 05:45 AM |                |
| 2872 | OsmoMSC | Bug     | Feedback | Normal   | OsmoMSC doesn't check if CIPHER MODE COMPLETE contains cipher that matches REQUEST | neels    | 07/29/2019 01:15 PM |                |
| 2851 | OsmoMSC | Bug     | Stalled  | Normal   | a_iface.c:534 Unhandled SIGTRAN primitive: 3:2                                     |          | 07/18/2019 05:45 AM |                |
| 2846 | OsmoMSC | Bug     | New      | Normal   | MSC doesn't close SCCP/BSSAP connection on CM SERV REQ tht cannot be parsed        | osmith   | 07/18/2019 05:44 AM |                |
| 2809 | Z-Netz  | Bug     | New      | Normal   | Build ZConnect <-> UseNet gateway  |          | 01/01/2018 01:33 PM |                |

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