

## Issues

| #    | Project                               | Tracker | Status   | Priority | Subject   | Assignee  | Updated             | Related issues                    |
|------|---------------------------------------|---------|----------|----------|---|-----------|---------------------|-----------------------------------|
| 3589 | rtl-sdr                               | Bug     | New      | Normal   | Zerocopy Buffers Unusable Outside Callback Without memcpy()                   |           | 09/25/2018 12:58 PM |                                   |
| 6274 | OCTOI - Osmocom Community TDM over IP | Bug     | New      | Low      | yate is eating 260% CPU while doing nothing                                   | laforge   | 11/25/2023 02:31 PM |                                   |
| 4942 | gr-osmosdr                            | Bug     | New      | Normal   | XTRX: Unable to compile due to error  | RFNOD     | 01/12/2021 08:29 PM |                                   |
| 2797 | linmodem                              | Bug     | New      | Normal   | X11 support is 16bit plane only   |           | 05/07/2022 11:34 PM |                                   |
| 2995 | OsmocomBB                             | Bug     | New      | Normal   | Wrong parsing of PAGING TYPE 3  |           | 02/24/2018 11:03 PM | Related to #2994                  |
| 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 |
| 1898 | OsmoBTS                               | Bug     | Feedback | Low      | Wrong handover detection with l1sap on wrong ss=0/ts=0                        |           | 11/07/2017 09:54 PM |                                   |
| 4784 | OsmoMSC                               | Bug     | New      | Normal   | wrong cause code (resources unavailable) in MO-to-MT call without response    | neels     | 10/08/2020 02:35 PM |                                   |
| 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 |
| 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 |
| 6438 | libosmocore                           | Bug     | New      | Normal   | write_config_file() calls blocking sync()                                     |           | 04/26/2024 09:15 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                  |
| 1906 | osmo-qcdiag                           | Bug     | Feedback | Normal   | wireshark: fix decoding of (E)GPRS RLC/MAC frames                             | Hoernchen | 02/08/2021 08:07 PM |                                   |
| 3126 | SDR (Software Defined Radio)          | Bug     | New      | Low      | Windows 10 Pro 1709: crash of rtl_test.exe                                    |           | 03/30/2018 02:16 PM |                                   |
| 21   | OsmoNITB                              | Bug     | New      | Low      | we don't see CHANnel ReQireD from motorola EZX phones at call setup           |           | 03/05/2018 07:36 PM |                                   |
| 5011 | Core testing infrastructure           | Bug     | New      | Normal   | Warning about unrecognized escape sequence in Osmocom_CTRL_Types              |           | 02/05/2021 11:21 AM |                                   |
| 5527 | osmo-remsim                           | Bug     | Stalled  | High     | warn on duplicate client (id) connections                                     | laforge   | 07/13/2022 01:25 PM | Related to #5527                  |
| 4797 | libosmocore                           | Bug     | Feedback | Normal   | vtty: the output of 'show ns' command is confusing                            | fixeria   | 10/23/2020 05:35 PM | Related to #4855,Related to #5085 |
| 5029 | libosmocore                           | Bug     | New      | Normal   | vtty: optional cases with multiple arguments is undefined behaviour           |           | 02/18/2021 05:44 PM |                                   |
| 6440 | libosmocore                           | Bug     | Feedback | Normal   | VTY: 'write file' breaks 'show startup-config'                                |           | 04/26/2024 04:23 AM |                                   |
| 6380 | OsmoHNBGW                             | Bug     | New      | Normal   | VTY transcript tests are broken [again]                                       |           | 02/28/2024 06:57 PM |                                   |

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| 1768 | OsmoSGSN                        | Bug     | Stalled     | Low      | VTY show llc displays State TLLI Unassigned permanently                      |           | 01/08/2020 10:52 PM |                                   |
| 4451 | OsmoMSC                         | Bug     | New         | Normal   | vtty 'show stats level': different stats levels yield identical results      |           | 03/09/2020 10:10 PM |                                   |
| 5304 | OsmoHNBGW                       | Bug     | New         | Low      | Verizon CDMA femtocell   |           | 03/09/2024 07:09 PM |                                   |
| 5196 | OsmoMSC                         | Bug     | New         | Normal   | Verify several "event not permitted" log lines in unit tests                 | neels     | 08/23/2022 04:08 PM |                                   |
| 3224 | OsmoSGSN                        | Bug     | New         | Normal   | verify ciphering after UMTS AKA  |           | 01/08/2020 10:48 PM | Related to #3193,Related to #3224 |
| 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 |
| 4303 | OsmoHLR                         | Bug     | New         | Low      | various minor issues about evaluation of rc = db_subscr_get_by_*(())         |           | 12/03/2019 11:02 PM |                                   |
| 1483 | Mobile (in)Security             | Bug     | New         | High     | USSD state is not reset when switching cells                                 |           | 02/21/2016 04:34 PM |                                   |
| 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 |                                   |
| 6441 | OsmoSGSN                        | Bug     | New         | Normal   | use-after-free on RAU with invalid Old RAI                                   |           | 04/22/2024 01:23 PM | Related to #6441                  |
| 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 |                                   |
| 1678 | SDR (Software Defined Radio)    | Bug     | New         | Normal   | Use -undefined dynamic_lookup when using Python and building on Mac OS X     |           | 03/30/2016 11:25 PM |                                   |
| 4916 | osmo-e1d                        | Bug     | Stalled     | High     | USB unplug / replug renders e1d unusable                                     | laforge   | 12/04/2023 12:34 PM | Related to #5983                  |
| 1474 | SDR (Software Defined Radio)    | Bug     | New         | High     | USB Claim Interface Error  | steve-m   | 02/20/2016 08:23 PM |                                   |
| 4578 | Cellular Network Infrastructure | Bug     | New         | High     | Updated slides / presentations / videos on setting up Osmocom CNI            | laforge   | 02/13/2021 05:35 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 |                                   |
| 6012 | rtl-sdr                         | Bug     | New         | Normal   | Update wiki for macos build  | steve-m   | 05/01/2023 02:38 AM |                                   |
| 4354 | OsmocomBB                       | Bug     | New         | Low      | update wiki about GTM-900B compatibility                                     | laforge   | 09/30/2020 11:38 PM |                                   |
| 4883 | Cellular Network Infrastructure | Bug     | New         | Normal   | update OsmoNITB migration guide  | neels     | 12/01/2020 08:32 AM |                                   |
| 4749 | OsmoGGSN (former OpenGGSN)      | Bug     | New         | Normal   | Unknown/Unimplemented PCO Protocol   |           | 02/09/2022 01:26 PM |                                   |
| 3531 | OP25                            | Bug     | New         | Normal   | Unknown status of the p25 wireshark plugin                                   |           | 10/06/2022 05:52 AM |                                   |
| 3741 | osmo-sip-connector              | Bug     | New         | Normal   | Unknow call parameters shown in vty  |           | 12/28/2018 02:01 PM |                                   |
| 6181 | SIMtrace 2                      | Bug     | Feedback    | Normal   | Unexpected INS code with simtrace2-sniff: 0x7f                               | v.marinos | 10/18/2023 09:41 PM |                                   |

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| 5220 | rtl-sdr                         | Bug     | New      | Normal   | Undefined reference to libusb_dev_mem_free  | steve-m  | 08/31/2021 09:21 AM |  |
| 3817 | SDR (Software Defined Radio)    | Bug     | New      | Normal   | Unable to use fospor display on Ubuntu 18.10  |          | 02/26/2019 06:56 PM |  |
| 6192 | OP25                            | Bug     | New      | Normal   | Unable to host behind NGINX reverse proxy   | max      | 09/27/2023 01:56 AM |  |
| 2216 | gr-osmosdr                      | Bug     | New      | Normal   | uhd: LO offset doesn't seem to work properly  |          | 06/03/2018 12:08 PM |  |
| 4886 | OsmoSGSN                        | Bug     | New      | Normal   | UE does not connect data when moving from 2G->3G  |          | 12/04/2020 01:29 AM |  |
| 6411 | Cellular Network Infrastructure | Bug     | Stalled  | Normal   | ttn3: execute testsuites with a more realistic link performance                                     |          | 04/03/2024 06:25 PM |  |
| 5899 | libosmo-sccp + libosmo-sigtran  | Bug     | New      | Low      | ttn3-sccp-test-latest is actually running code from master, not latest                              | osmith   | 03/20/2023 01:18 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                  |
| 5340 | OsmoMSC                         | Bug     | New      | Normal   | ttn3-msc-test: more memory leaks  | fixeria  | 05/15/2022 04:47 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 |  |
| 6352 | Cellular Network Infrastructure | Bug     | Stalled  | Low      | ttn3-bts-test[-latest] is broken since Feb 1st / docker and multicast                               | osmith   | 03/06/2024 03:57 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 |  |
| 5517 | OsmoBTS                         | Bug     | New      | Normal   | ttn3-bts-test: new sporadic test case failures  | fixeria  | 03/20/2023 11:45 PM |  |
| 6273 | Core testing infrastructure     | Bug     | Feedback | Normal   | TTCN3 tests keep suffering from race conditions on shutdown   | daniel   | 12/05/2023 03:29 PM |  |
| 3731 | OsmoMGW                         | Bug     | New      | Normal   | TTCN3 TC_rtpem_selftest randomly fails  |          | 01/08/2020 10:18 PM |  |
| 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                                   |
| 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 |  |
| 3940 | OsmoSGSN                        | Bug     | New      | Normal   | TTCN-3: lu: test UMTS Auth  |          | 04/24/2019 08:24 AM |  |
| 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 |  |
| 3557 | OsmocomBB                       | Bug     | New      | Normal   | trxcon: decoding errors after applying a new TCH mode   | fixeria  | 06/21/2019 11:56 AM |  |
| 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 |

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| 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 |
| 3712 | SIMtrace 2   | Bug     | New         | Low      | TRACE_FATAL not printing  | laforge  | 04/06/2021 01:28 AM |  |
| 6295 | OsmoSGSN   | Bug     | New         | Normal   | TMSI realloc complete leads to SecurityModeReject   | osmith   | 12/07/2023 03:15 PM |  |
| 44   | OsmoSGSN   | Bug     | New         | Normal   | TLLI clash possible   | pespin   | 02/06/2021 01:31 PM |  |
| 5393 | OsmocomDECT  | Bug     | New         | High     | tipc problems while building on Ubuntu  |          | 01/09/2022 12:48 PM |  |
| 4538 | OsmoBSC  | Bug     | New         | Normal   | timeslot_fsm.c: make the PDCH act/deact timeout configurable                                    |          | 05/09/2020 08:20 PM | Related to #4539   |
| 2292 | Osmocom Conferences (OsmoDevCon, OsmoCon, OsmoDevCall) | Bug     | New         | Normal   | Time with community users during OsmoCon  |          | 05/25/2017 03:03 PM |  |
| 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 |  |
| 5985 | Cellular Network Infrastructure                        | Bug     | New         | Normal   | tests: not all Osmocom projects have @osmoappdesc.py@   |          | 03/29/2023 08:09 PM |  |
| 3125 | OsmoMSC  | Bug     | New         | Low      | testcase for fixed "osmo-msc crashes while handling a call"                                     | neels    | 06/23/2018 07:26 PM | Related to #3122, Related to #2880                                     |
| 4240 | OsmoMSC  | Bug     | In Progress | Normal   | test: incoming call when already Paging   |          | 11/27/2019 11:09 PM |  |
| 3110 | OsmoMSC  | Bug     | New         | Normal   | Test and possibly fix ID Request after Auth failure   | neels    | 09/30/2018 11:36 AM |  |
| 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                                     |
| 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 |  |
| 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 |  |
| 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 |  |
| 4863 | OsmoMSC  | Bug     | New         | Low      | T3212 is unclear in config/vty  |          | 11/19/2020 06:10 PM |  |
| 2382 | OsmoBSC  | Bug     | New         | Normal   | T3105 not consistently communicated to all BTS models   |          | 03/05/2018 07:02 PM |  |
| 4822 | osmo-ccid-firmware                                     | Bug     | Stalled     | Low      | sysmoOCTSIM with osmo-ccid-firmware sometimes fails to enumerate on USB                         |          | 11/05/2021 05:19 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 |  |

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| 5744 | OsmoBSC  | Bug     | New         | Low      | sysmobts: when a BTS is rf_locked and doesn't support BTS_FEAT_MULTI_TSC the OML connection is dropped                           | lynxis   | 11/23/2022 11:14 PM |  |
| 57   | OsmoBTS  | Bug     | New         | Low      | sysmobts L1 is not properly closed, DSP firmware reload is required  |          | 03/01/2018 11:16 PM | Related to #57   |
| 2437 | OsmoHNBGW                                      | Bug     | New         | Low      | synchronize different asn1c APER forks   |          | 01/08/2020 10:56 PM | Related to #2435,Related to #2436,Related to #3862                           |
| 2501 | OsmoSGSN                                       | Bug     | In Progress | Normal   | suspected problem with unanswered neighbor solicitation  | osmith   | 09/11/2019 12:58 PM |  |
| 5257 | OsmoBTS  | Bug     | New         | High     | support random padding in SACCH downlink messages  |          | 10/12/2021 11:18 AM | Related to #5257   |
| 1794 | OsmoSGSN                                       | Bug     | Stalled     | Normal   | support random IV for GEA (via XID)  |          | 03/01/2018 11:17 PM | Related to #1910,Related to #1672,Related to #2843,Blocks #1794,Blocks #1582 |
| 5144 | gr-osmosdr                                     | Bug     | New         | High     | Support multiple Airspy devices  | horiz0n  | 10/21/2023 07:22 PM |  |
| 5492 | OsmoBSCNAT                                     | Bug     | New         | Normal   | Support MSC pooling  | osmith   | 04/11/2022 08:19 AM |  |
| 4104 | libosmocore                                    | Bug     | New         | Normal   | support for KASME generation   | laforge  | 07/12/2019 10:15 AM | Related to #4105   |
| 3689 | OsmoSGSN                                       | Bug     | New         | Normal   | Support Cisco GGSN (Cisco 7200 with IOS 12.4.x)  |          | 04/09/2019 11:21 AM |  |
| 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 |  |
| 5889 | OsmoHLR  | Bug     | In Progress | Normal   | subscriber data: send out correct PDP Info   | lynxis   | 09/01/2023 04:20 PM |  |
| 38   | OsmoNITB                                       | Bug     | New         | Normal   | subscr_update should sync database before dispatching the signal   |          | 03/05/2018 07:34 PM |  |
| 6185 | Core testing infrastructure                    | Bug     | New         | Normal   | Submit titan.ProtocolEmulations.SCCP patch upstream  | neels    | 09/20/2023 06:22 PM |  |
| 72   | OsmoNITB                                       | Bug     | New         | Low      | struct gsm_call can leak..   |          | 05/09/2016 07:37 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   |
| 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   |
| 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 |  |
| 6363 | osmo-ePDG - VoWifi Evolved Packet Data Gateway | Bug     | New         | Normal   | strongswan: Catch IKEv2 disconnects  | lynxis   | 02/17/2024 01:21 AM |  |

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| 3812 | libosmo-netif                         | Bug     | Stalled     | Normal   | stream_test fails depending on where it is run   |           | 03/13/2019 04:15 PM |  |
| 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 |  |
| 5386 | osmo-e1d                              | Bug     | New         | Low      | stop watchdog when LOS is present  | laforge   | 01/05/2022 08:38 PM |  |
| 2839 | Cellular Network Infrastructure       | Bug     | New         | Low      | statistics split between 2G and 3G   |           | 07/18/2019 05:22 AM |  |
| 3717 | OsmoHLR                               | Bug     | Stalled     | High     | SS/USSD: fix SS session inactivity timeout   | fixeria   | 12/05/2018 08:45 PM |  |
| 3569 | OsmoBTS                               | Bug     | Stalled     | Normal   | Some phones don't receive SMSCB  | laforge   | 01/14/2019 03:32 PM |  |
| 5229 | libosmocore                           | Bug     | New         | Low      | SNS Size with max_nsvcs = 1 results in a valid config even 2 binds a configured                    | lynxis    | 09/05/2021 08:18 PM |  |
| 2414 | OsmoNITB                              | Bug     | New         | Normal   | SMSC: deliverSM message with no user_message_reference   |           | 08/15/2017 05:53 PM | Related to #2413,Related to #2414                  |
| 2373 | OsmoMSC                               | Bug     | New         | Low      | SMS sent to old Nokia 1100: "message 0x332/1" causes CP-ERROR, and SMS is received 5 or more times |           | 08/03/2018 05:22 PM |  |
| 6321 | OsmoMSC                               | Bug     | New         | Low      | SMS not delivered from corrupted SMS database  |           | 01/02/2024 01:07 PM |  |
| 5568 | OsmoMSC                               | Bug     | Stalled     | Low      | SMPP socket doesn't use TCP_NODELAY  | osmith    | 10/31/2023 09:36 AM |  |
| 5392 | OsmocomDECT                           | Bug     | New         | High     | Sliding collision errors   |           | 01/09/2022 12:44 PM |  |
| 6029 | Core testing infrastructure           | Bug     | New         | Normal   | Single TTCN3 BSC handover test fails   |           | 10/18/2023 05:31 PM |  |
| 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 |  |
| 3815 | SIMtrace 2                            | Bug     | New         | Normal   | simtrace2 fails USB-IF CH9 test  | Hoernchen | 05/12/2020 07:24 PM |  |
| 5921 | SIMtrace 2                            | Bug     | In Progress | High     | simtrace2 cardem vs. Linux kernel USB autosuspend  | laforge   | 09/16/2023 10:47 PM | Related to #5921                                   |
| 5738 | Misc Hardware Projects                | Bug     | New         | Normal   | Sim 800L module Connectivity   |           | 11/02/2022 06:55 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 |
| 2694 | OsmocomBB                             | Bug     | New         | Normal   | SIGSEGV in lapdm code  |           | 11/30/2017 08:45 AM | Related to #2694                                   |
| 5246 | OsmoBSC                               | Bug     | New         | Low      | sigsegv in bts_count_free_ts()   | keith     | 10/03/2021 08:08 PM | Related to #5324                                   |
| 6318 | OsmoBSC                               | Bug     | Feedback    | Normal   | Show lchan shows wrong number of channels for TCH  | neels     | 12/25/2023 01:01 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                  |
| 6442 | OsmoSGSN                              | Bug     | New         | Normal   | SGSN does not answer to first GMM ATTACH REQUEST   |           | 04/24/2024 05:48 PM |  |

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| 4602 | OsmoSGSN                                       | Bug     | Feedback    | Normal   | SGSN crash with "Assert failed mm->gb.llme == NULL gprs_sgsn.c:358"   | lynxis                        | 02/26/2021 07:34 PM | Related to #4604,Related to #4605,Related to #4602 |
| 5672 | Misc Hardware Projects                         | Bug     | New         | Normal   | sfp-experimenter / voltage swing of LVDS driver insufficient for SFP spec   |                               | 09/02/2022 03:27 PM |  |
| 6370 | osmo-ePDG - VoWifi Evolved Packet Data Gateway | Bug     | In Progress | Normal   | setup ims with kamailio   | lynxis                        | 03/14/2024 09:01 PM |  |
| 4691 | OsmoMSC  | Bug     | New         | Low      | setfault in osmo_sockaddr_str_is_set() via call_leg_ensure_ci()   |                               | 02/06/2021 09:47 AM |  |
| 4310 | osmo-sip-connector                             | Bug     | New         | Normal   | sends BYE to self   |                               | 01/09/2020 09:21 AM |  |
| 1482 | Mobile (in)Security                            | Bug     | New         | Normal   | Sending the TMSI of the old/previous network  |                               | 02/21/2016 04:35 PM |  |
| 6120 | pySim  | Bug     | New         | Low      | select MF raise an exception after selecting ADF.ARA-M  | dexter                        | 12/18/2023 10:30 AM | Related to #6120                                   |
| 5190 | OsmoBSC  | Bug     | New         | Low      | segfault with osmo-e1d  |                               | 09/15/2021 09:34 AM |  |
| 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                                   |
| 4825 | OsmoSGSN                                       | Bug     | New         | Normal   | security command is missing sometimes   |                               | 10/22/2020 02:40 AM |  |
| 5822 | OsmocomBB                                      | Bug     | New         | Normal   | SE K2x0i: missing RF and AFC params   |                               | 12/15/2022 11:36 PM |  |
| 5831 | OsmocomBB                                      | Bug     | New         | Normal   | SE K2x0i: built-in SIM reader is not working  | steve-m                       | 12/16/2022 12:03 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 |  |
| 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                                   |
| 5301 | Core testing infrastructure                    | Bug     | Stalled     | Normal   | Run TTCN3 docker tests with sanitizer enabled   | osmith                        | 03/20/2024 09:28 AM | Related to #5302                                   |
| 37   | OsmoNITB                                       | Bug     | New         | Normal   | RTP Proxy dealing with SSRC change and sequence numbers   |                               | 03/05/2018 07:34 PM |  |
| 5120 | rtl-sdr  | Bug     | New         | Normal   | rtlsdr_demod_write_reg failed with -9   |                               | 04/18/2021 08:55 PM |  |
| 3592 | gr-osmosdr                                     | Bug     | New         | Normal   | rtl: Race Conditions  | horiz0n                       | 07/18/2019 05:35 AM |  |
| 3593 | gr-osmosdr                                     | Bug     | New         | Low      | rtl: 'len' argument ignored in librtlsdr callback   | horiz0n                       | 07/18/2019 05:35 AM |  |
| 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 |  |
| 6225 | rtl-sdr  | Bug     | New         | Normal   | rtl-sdr reelase tarballs missing from <a href="https://ftp.osmocom.org/releases/">https://ftp.osmocom.org/releases/</a>       | osmith                        | 10/19/2023 09:46 AM |  |
| 2607 | rtl-sdr  | Bug     | New         | Normal   | rtl-sdr gnuradio cfile is outdated  |                               | 06/03/2018 12:23 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 |  |

| #    | Project  | Tracker | Status      | Priority | Subject   | Assignee | Updated             | Related issues  |
|------|--|---------|-------------|----------|---|----------|---------------------|---|
| 6329 | rtl-sdr  | Bug     | New         | Normal   | rtl_sdr does not have correct rpath set on OSX build                          |          | 01/12/2024 09:57 PM |   |
| 5922 | rtl-sdr  | Bug     | New         | Normal   | rtl_sdr bytes_to_read wraparound for n > 2**31                                | steve-m  | 03/20/2023 10:16 AM |   |
| 4720 | rtl-sdr  | Bug     | New         | Normal   | rtl_power reports invalid values  |          | 08/19/2020 02:47 PM |   |
| 3058 | OsmoBTS  | Bug     | New         | Low      | RSL SACCH FILLING are per TRX, not BTS scope                                  |          | 03/11/2018 08:55 PM |   |
| 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  |
| 4884 | OsmoBSC  | Bug     | New         | Normal   | RLL_REL_IND is recieved after RF_CHAN_REL                                     |          | 12/02/2020 11:51 AM |   |
| 5696 | OsmoPCU  | Bug     | Stalled     | Normal   | RLC/MAC: poll timeout when assigning a multi-slot DL TBF                      | fixeria  | 10/05/2022 11:01 AM |   |
| 6443 | gr-osmosdr                                     | Bug     | New         | Normal   | RF gain: erroneously using 14   | horiz0n  | 04/27/2024 06:21 PM |   |
| 2603 | OsmoPCU  | Bug     | New         | Low      | Review the various incomplete and never merged changes in radisys branch      |          | 01/08/2020 10:44 PM | Related to #1775  |
| 1762 | libosmocore                                    | Bug     | New         | Normal   | Review LAPD code for race conditions regarding state, particularly in RELEASE | laforge  | 03/24/2021 12:37 PM | Related to #1760,Related to #1761,Related to #1982,Related to #2694 |
| 2305 | OsmoSGSN                                       | Bug     | New         | Normal   | review 'laforge/santos' branch and check if there are pending fixes           |          | 01/08/2020 10:56 PM |   |
| 2803 | linmodem                                       | Bug     | New         | Low      | return ERROR for unsupported AT commands                                      |          | 01/01/2018 12:19 PM |   |
| 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                                   |
| 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 |   |
| 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 |   |
| 6122 | Cellular Network Infrastructure                | Bug     | New         | Low      | remove big endian support   | osmith   | 10/18/2023 05:20 PM | Related to #6122  |
| 3141 | OsmoTRX  | Bug     | New         | Normal   | Refactor / clean up TRX CTRL / DATA interfaces implementation                 |          | 04/05/2018 05:46 PM |   |
| 6254 | OsmoDia2GSUP                                   | Bug     | In Progress | Normal   | Reconnects of the ttcn3 aren't handled  | lynxis   | 11/11/2023 05:13 PM |   |
| 3422 | OsmocomBB SDR PHY                              | Bug     | Stalled     | Normal   | Receiver: sample / burst buffering problem                                    |          | 07/09/2023 07:39 PM |   |
| 3425 | OsmocomBB SDR PHY                              | Bug     | Stalled     | Normal   | Receiver: missing AGC (Automatic Gain Control)                                |          | 07/09/2023 07:44 PM |   |
| 6215 | Cellular Network Infrastructure                | Bug     | New         | Normal   | Rebase open5gs pcrf_simple patches and submit upstream                        | lynxis   | 10/18/2023 02:53 PM |   |



| #    | Project                        | Tracker | Status  | Priority | Subject  | Assignee  | Updated             | Related issues                         |
|------|--------------------------------|---------|---------|----------|--|-----------|---------------------|--|
| 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 |  |
| 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      |
| 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      |
| 3163 | OsmoMSC                        | Bug     | New     | Low      | RANAP: reject Level 3 Complete from cells with invalid LAI                             | osmith    | 07/18/2019 05:47 AM | Related to #3162,Related to #3163      |
| 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 |  |
| 1477 | Mobile (in)Security            | Bug     | New     | High     | RACH flood DoS   |           | 02/21/2016 04:34 PM |  |
| 3849 | OsmoMGW                        | Bug     | New     | Normal   | race condition problem in rtp flow tests of the ttcn3 testsuite                        |           | 09/04/2019 09:26 AM |  |
| 5008 | gr-osmosdr                     | Bug     | New     | Normal   | Quoted whitespace parsing problem in source_impl::source_impl                          |           | 02/04/2021 02:16 AM |  |
| 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                       |
| 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 |  |
| 6314 | pySim                          | Bug     | New     | Low      | pySim-trace doesn't support ARA-M  |           | 12/23/2023 09:36 AM |  |
| 5878 | pySim                          | Bug     | New     | Normal   | pySim shell: version fails with DistributionNotFound                                   | fixeria   | 10/06/2023 09:03 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      |
| 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 |
| 2259 | libosmo-sccp + libosmo-sigtran | Bug     | New     | Normal   | problem with local reference   | laforge   | 07/19/2017 04:25 PM |  |
| 5425 | gr-osmosdr                     | Bug     | New     | High     | Problem receiving samples using dual receivers with BladeRF                            |           | 01/29/2022 04:22 AM |  |
| 5044 | OsmoMGW                        | Bug     | New     | Low      | potential null pointer dereferences  | pespin    | 02/24/2021 11:48 AM |  |
| 6032 | rtl-sdr                        | Bug     | New     | Normal   | Poor APRS demodulation using RTL_FM on RaspberryPI or on old PC                        |           | 05/15/2023 12:14 PM |  |
| 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 |  |
| 5031 | OsmoSDR                         | Bug     | New         | Normal   | Please switch to gr-funcube  |          | 06/17/2021 09:23 AM |  |
| 4513 | rtl-sdr                         | Bug     | New         | Normal   | PKG information broken   |          | 04/26/2020 03:21 PM |  |
| 48   | OsmoNITB                        | Bug     | New         | Normal   | Periodic timer and paging  |          | 03/05/2018 07:34 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 |  |
| 4856 | OsmoPCU                         | Bug     | Feedback    | Normal   | PCU is running but has no NS connection and does not retry.        | keith    | 10/18/2021 10:02 AM |  |
| 4767 | OsmoBSC                         | Bug     | New         | Normal   | pcu interface: add suspend request support                         |          | 09/29/2020 04:40 PM |  |
| 4768 | OsmoBSC                         | Bug     | New         | Normal   | pcu interface: add missing field ts, trx on rach indication        | lynxis   | 09/30/2020 08:10 PM |  |
| 4766 | OsmoBSC                         | Bug     | New         | Normal   | pcu interface: add app info request                                |          | 09/26/2020 10:21 PM |  |
| 5561 | libosmo-sccp + libosmo-sigtran  | Bug     | New         | Low      | pc=0=0.0.0 / RCOC-ERROR.ind not permitted                          |          | 05/23/2023 06:20 AM |  |
| 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   |
| 2404 | OsmoPCU                         | Bug     | Feedback    | Low      | PAGING-PS doesn't use QoS parameters from BSSGP                    | osmith   | 09/10/2019 11:54 AM |  |
| 5986 | OsmoBSC                         | Bug     | New         | Normal   | PAGING impossible until CCCH LOAD IND is received from the BTS     | keith    | 03/31/2023 09:13 AM |  |
| 4631 | OsmoSGSN                        | Bug     | New         | Low      | packet/byte counters don't work for 3G                             |          | 06/24/2020 06:58 AM |  |
| 4834 | OsmocomBB                       | Bug     | New         | Normal   | package cp210x-program as part of network:osmocom:{nightly,latest} | osmith   | 10/26/2020 06:01 PM |  |
| 1524 | OsmoPCU                         | Bug     | Feedback    | Normal   | PACCH on the wrong timeslot  | roh      | 10/19/2021 11:50 AM | Related to #1524,Related to #1524,Related to #1524,Related to #2709,Related to #1524,Related to #1524,Related to #3014 |
| 2439 | libosmo-netif                   | Bug     | New         | Normal   | Osmux: overwrite duplicated RTP packets instead of dropping them   |          | 12/01/2019 10:11 AM | Blocks #2439   |
| 3006 | libosmo-netif                   | Bug     | New         | Low      | Osmux: improvements on lost/dropped RTP packets                    |          | 09/30/2018 08:34 AM |  |
| 2440 | libosmo-netif                   | Bug     | New         | Normal   | Osmux: Improve lost packet recreation mechanism                    |          | 12/01/2019 10:11 AM | Blocks #2439   |
| 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  |
| 2959 | OsmoSGSN                        | Bug     | New         | Low      | OsmoSGSN puts bogus LAC/RAC in GTP Create PDP CTX ACT REQ          | osmith   | 09/30/2018 11:41 AM |  |

| #    | Project  | Tracker | Status      | Priority | Subject   | Assignee | Updated             | Related issues                                     |
|------|--|---------|-------------|----------|---|----------|---------------------|--|
| 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                                   |
| 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 |
| 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                  |
| 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 |  |
| 2951 | OsmoSGSN   | Bug     | Feedback    | Normal   | OsmoSGSN Accepts two MO L3 Messages with N(U) set to zero                             | osmith   | 09/11/2019 12:24 PM |  |
| 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 |
| 3169 | OsmoMSC  | Bug     | New         | Low      | OsmoMSC rejects SMPP messages with empty SMS  |          | 01/08/2020 10:56 PM |  |
| 2877 | OsmoMSC  | Bug     | New         | Normal   | OsmoMSC fails on bearer capability without octet 3a                                   | osmith   | 07/18/2019 05:45 AM |  |
| 2895 | OsmoMSC  | Bug     | New         | Normal   | OsmoMSC excessively uses LU Reject Cause 22 (congestion)                              | osmith   | 07/18/2019 05:41 AM |  |
| 2928 | OsmoMSC  | Bug     | New         | Normal   | OsmoMSC doesn't do BSSMAP ASSIGNMENT if no MNCC_RTP_CREATE is received                |          | 02/11/2018 05:38 PM |  |
| 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 |  |
| 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                                   |
| 5773 | OsmoGGSN (former OpenGGSN)                             | Bug     | New         | Normal   | OsmoGGSN sends Direct Tunnel packets to the wrong IP address                          |          | 11/17/2022 04:17 AM |  |
| 4172 | OsmoGGSN (former OpenGGSN)                             | Bug     | New         | Normal   | osmoggsn crashes when stopping  |          | 08/29/2019 11:35 AM |  |
| 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                  |
| 3200 | Osmocom Conferences (OsmoDevCon, OsmoCon, OsmoDevCall) | Bug     | New         | Normal   | OsmoDevCon: Use loudspeakers even at IN-Berlin  |          | 04/23/2018 06:53 PM |  |

| #    | Project  | Tracker | Status  | Priority | Subject   | Assignee  | Updated             | Related issues                                     |
|------|--|---------|---------|----------|---|-----------|---------------------|--|
| 3201 | Osmocom Conferences (OsmoDevCon, OsmoCon, OsmoDevCall) | Bug     | New     | Normal   | OsmoDevCon: Add one more rectangular table  |           | 04/23/2018 07:00 PM |  |
| 4829 | OsmocomBB  | Bug     | Stalled | High     | OsmocomBB Rx bit errors in dedicated mode   | laforge   | 02/06/2021 09:11 AM | Related to #4832                                   |
| 6188 | Cellular Network Infrastructure                        | Bug     | New     | Normal   | Osmocom manuals have "draft" in debian packages of released versions              | osmith    | 09/21/2023 04:37 PM |  |
| 2435 | OsmoHNBGW  | Bug     | New     | Low      | Osmocom asn1c/libasn1c is based on old fork                                       |           | 12/21/2022 01:54 PM | Related to #2435,Related to #2435,Related to #3862 |
| 4827 | OsmoBTS  | Bug     | New     | Normal   | OsmoBTS VTY is lacking various vital information                                  |           | 10/23/2020 07:14 PM |  |
| 2364 | OsmoBTS  | Bug     | New     | Low      | OsmoBTS sends SI1 even if it is not specified/needed                              |           | 07/15/2017 10:06 AM |  |
| 2974 | OsmoBTS  | Bug     | New     | Low      | OsmoBTS doesn't use the "Diagnostics" part of the RSL Cause IE                    |           | 07/18/2019 05:48 AM |  |
| 3796 | OsmoBTS  | Bug     | New     | Low      | OsmoBTS doesn't send proper cause values in NACK                                  |           | 07/18/2019 06:04 AM | Related to #3796                                   |
| 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 |  |
| 5574 | OsmoBSCNAT   | Bug     | New     | Urgent   | OsmoBSCNAT testsuite running in jenkins   | Hoernchen | 10/06/2022 11:46 AM | Related to #5574                                   |
| 3020 | OsmoBSC  | Bug     | New     | Normal   | OsmoBSC PCU socket interface not yet tested by BSC_Tests.tcn                      | laforge   | 05/21/2019 06:29 PM |  |
| 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                  |
| 4553 | OsmoBSC  | Bug     | New     | Normal   | OsmoBSC doesn't handle RESET IP RESOURCE BSSMAP message                           |           | 05/16/2020 07:44 PM |  |
| 3806 | OsmoBSC  | Bug     | Stalled | Normal   | OsmoBSC accepts BSSAP with wrong length field                                     |           | 08/28/2020 08:15 PM | Related to #3806                                   |
| 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 |  |
| 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                      |
| 3981 | OsmoTRX  | Bug     | New     | Normal   | osmo-trx-lms: Overruns appear from time to time                                   |           | 09/30/2020 08:08 PM | Related to #3981                                   |
| 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                      |
| 3949 | OsmoTRX  | Bug     | New     | Normal   | osmo-trx-lms: improve runtime gain setting (missing calibration)                  |           | 09/30/2020 08:08 PM | Related to #4468                                   |

| #    | Project                     | Tracker | Status   | Priority | Subject  | Assignee  | Updated             | Related issues   |
|------|-----------------------------|---------|----------|----------|--|-----------|---------------------|--|
| 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                                       |
| 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 |  |
| 6418 | pySim                       | Bug     | New      | Normal   | osmo-smdpp docs  |           | 03/25/2024 05:54 PM |  |
| 1683 | osmo-sip-connector          | Bug     | Stalled  | Low      | osmo-sip-connector: Implement codec selection / move codec selection to osmo-msc   | neels     | 09/23/2020 02:02 PM | Related to #1683,Related to #1683,Related to #1683,Related to #3650,Related to #5177 |
| 5852 | OsmoSGSN                    | Bug     | New      | Normal   | osmo-sgsn: Keep TLLI<->NSEI+BVCI relation knowledge in BSSGP layer   |           | 01/11/2023 03:08 PM |  |
| 3403 | OsmoSGSN                    | Bug     | New      | Normal   | osmo-sgsn doesn not connect properly with via SCCP when restarted  | lynxis    | 02/07/2021 12:57 PM | Related to #3403   |
| 5578 | SIMtrace 2                  | Bug     | Stalled  | Low      | osmo-remsim-client-st2 hangs after usb-reset without power loss on qmod  | laforge   | 01/31/2023 08:25 PM | Related to #5921   |
| 4409 | osmo-remsim                 | Bug     | Stalled  | Low      | osmo-remsim-client-st2 (or firmware?) gets stuck on PTS  | Hoernchen | 02/06/2021 08:55 AM |  |
| 5346 | libosmocore                 | Bug     | New      | Low      | osmo-release.sh doesn't work with %{sover} macro in spec.in  | pespin    | 12/09/2021 12:03 PM |  |
| 1899 | osmo-qcdiag                 | Bug     | New      | Normal   | osmo-qcdiag: DIAG based pcap tracing (DPL) not working   |           | 01/11/2017 12:15 PM |  |
| 1907 | osmo-qcdiag                 | Bug     | New      | Normal   | osmo-qcdiag detects CRC errors relatively often  |           | 01/23/2017 01:47 AM |  |
| 5919 | Core testing infrastructure | Bug     | New      | Low      | osmo-python-tests: Update/fix README or setup process  | osmith    | 03/20/2023 10:17 AM |  |
| 5858 | Core testing infrastructure | Bug     | Feedback | Normal   | osmo-python-tests: Ignore, at least clean up 'tmp_dummy_socket'  |           | 02/22/2023 06:25 PM | Related to #5858   |
| 5300 | OsmoPCU                     | Bug     | New      | Normal   | osmo-pcu: SUSPEND-NACK not implemented   |           | 03/31/2022 02:59 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 |  |
| 4947 | OsmoPCU                     | Bug     | Stalled  | Normal   | osmo-pcu: Handling for Pkt Resource Req using Global TFI not implemented   | pespin    | 12/22/2022 01:04 PM |  |
| 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   |
| 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 |  |
| 5149 | OsmoPCU                     | Bug     | New      | Low      | osmo-pcu fails to allocate all DL-TBF possible slots under specific scenario   | pespin    | 09/15/2021 09:49 AM |  |

| #    | Project         | Tracker | Status      | Priority | Subject   | Assignee | Updated             | Related issues                                   |
|------|-----------------|---------|-------------|----------|---|----------|---------------------|--|
| 6118 | OsmoPCU         | Bug     | New         | Normal   | osmo-pcu assigns multi-slot TBFs over PACCH to MS with unknown ms_class   | pespin   | 09/22/2023 02:33 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 |  |
| 54   | OsmoNITB        | Bug     | New         | Normal   | osmo-nitb keeps rtp-proxy socket open in case no DLCX_IND is sent   |          | 03/05/2018 07:34 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                                 |
| 3829 | OsmoMSC         | Bug     | New         | Normal   | osmo-msc expects aoip TLV in Assignment Complete messages from BSC  |          | 03/07/2019 08:30 PM |  |
| 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                                 |
| 4745 | OsmoMGW         | Bug     | New         | Low      | osmo-mgw: Wrong IP address returned in SDP "o=" section   |          | 10/05/2022 11:00 AM |  |
| 6060 | OsmoMGW         | Bug     | New         | Low      | osmo-mgw: Implement MGCP RestartInProgress (RSIP)   | jolly    | 10/18/2023 04:59 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 |
| 5837 | OsmoHNBGW       | Bug     | New         | Normal   | osmo-ih: UE-REGISTER-REQ with uE_Identity type IMEI not implemented.  |          | 12/20/2022 03:43 PM |  |
| 5573 | OsmoHNBGW       | Bug     | New         | Normal   | osmo-hnbgw: RANAP LocationReportingControl not implemented  |          | 05/30/2022 02:05 PM |  |
| 5869 | OsmoHNBGW       | Bug     | New         | Normal   | osmo-hnbgw ignores HNBAP HNB De-Register  |          | 01/21/2023 01:52 AM |  |
| 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                                 |
| 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 |  |
| 3068 | OsmoGSMTester   | Bug     | New         | Low      | osmo-gsm-tester: resource objects leaked or destroyed too late  | pespin   | 03/31/2023 03:28 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                                 |
| 3740 | OsmoGSMTester   | Bug     | New         | Low      | osmo-gsm-tester: Figure out best fix for iperf3m4.py where some MS fails to register  | pespin   | 03/31/2023 03:28 PM |  |
| 2452 | OsmoGSMTester   | Bug     | New         | Low      | osmo-gsm-tester: ESME should send submit_sm as a response to deliver_sm   | pespin   | 10/29/2017 06:33 PM | Related to #2429                                 |
| 2431 | OsmoGSMTester   | Bug     | New         | Normal   | osmo-gsm-tester: add test case: MS sends SMS to ESME  |          | 08/10/2017 03:47 PM |  |

| #    | Project  | Tracker | Status      | Priority | Subject   | Assignee | Updated             | Related issues                                     |
|------|--|---------|-------------|----------|---|----------|---------------------|--|
| 6149 | OsmoGSMTester                                  | Bug     | New         | Normal   | osmo-gsm-tester gerrit verifications currently broken, not running in docker                      | osmith   | 08/25/2023 09:13 AM |  |
| 6126 | OsmoGSMTester                                  | Bug     | New         | Normal   | osmo-gsm-tester docker container uses debian 10   |          | 08/01/2023 09:49 AM | Related to #6126                                   |
| 4131 | Cellular Network Infrastructure                | Bug     | Stalled     | Low      | osmo-gsm-manuals: Use leveloffset attribute on common documents                                   | osmith   | 12/01/2019 09:48 AM | Related to #4140                                   |
| 5449 | OsmoGGSN (former OpenGGSN)                     | Bug     | New         | Low      | osmo-ggsn: Accept IPv4v6 EUA pdp creation in APv4/v6-only APNs by answering with changed PDP Type |          | 04/04/2023 09:46 AM |  |
| 6419 | OsmoGGSN (former OpenGGSN)                     | Bug     | New         | Low      | osmo-ggsn removes tun devices it did not create   |          | 03/26/2024 11:26 AM |  |
| 6420 | OsmoGGSN (former OpenGGSN)                     | Bug     | New         | Low      | osmo-ggsn + pre-configured tun device seems to be broken with kernel gtp-u                        |          | 03/26/2024 11:43 AM |  |
| 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 |  |
| 4108 | Cellular Network Infrastructure                | Bug     | New         | Low      | osmo-ctrl2cgi, osmo-trap2cgi: missing default configs   |          | 07/16/2019 12:30 PM | Related to #4108                                   |
| 4630 | OsmoBTS  | Bug     | New         | Low      | osmo-bts: GSMTAP DL (tx) messages use hardcoded signal level 0                                    |          | 10/05/2022 09:11 AM |  |
| 2942 | OsmoBTS  | Bug     | New         | Low      | osmo-bts-virtual+virtphy+mobile paging for SMS delivery fails                                     |          | 02/13/2018 05:05 PM |  |
| 2979 | OsmoBTS  | Bug     | Stalled     | Low      | osmo-bts-virtual reports bogus measurement values   | laforge  | 07/18/2019 06:06 AM |  |
| 4592 | OsmoBTS  | Bug     | Stalled     | Low      | osmo-bts-trx: make sure that handover detection works   | fixeria  | 06/21/2020 03:10 PM | Related to #4592                                   |
| 5474 | OsmoBTS  | Bug     | New         | Normal   | osmo-bts-trx: DTXd support not implemented  |          | 03/02/2022 05:06 PM | Related to #5474,Related to #5474                  |
| 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 |  |
| 2674 | OsmoBTS  | Bug     | New         | Low      | osmo-bts-sysmo GPRS failing if running without "-M"   | pespin   | 07/18/2019 06:08 AM |  |
| 64   | Miscellaneous Projects                         | Bug     | New         | Normal   | osmo-bts-amp: 2.2uF capacitors next to PA need to be 0603, not 0805                               | tnt      | 02/21/2016 04:48 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 |
| 6270 | OsmoBTS  | Bug     | In Progress | Normal   | osmo-bts sends version report every 5s to BSC?  | dexter   | 02/19/2024 03:06 PM |  |
| 5995 | OsmoBTS  | Bug     | New         | Low      | osmo-bts printing log line 'OC=GPRS-NSE(f0) INST=(00,ff,ff): Tx unknown 0xf6'                     |          | 10/18/2023 05:47 PM |  |

| #    | Project                                      | Tracker | Status      | Priority | Subject  | Assignee | Updated             | Related issues  |
|------|--|---------|-------------|----------|--|----------|---------------------|---|
| 5576 | OsmoBTS                                      | Bug     | New         | Normal   | osmo-bts not moving NM state "Enabled -> DisabledDependency" when Admin state becomes Locked   |          | 06/02/2022 10:38 AM |   |
| 4446 | OsmoBTS                                      | Bug     | New         | Low      | osmo-bts doesn't actually ever connect() its RTP/UDP sockets   | pespin   | 02/13/2021 05:37 PM | Related to #4446  |
| 2245 | OsmoGSMTester                                | Bug     | New         | Low      | osmo-bts cfg: fix band string  |          | 05/15/2017 12:58 PM | Related to #2230  |
| 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                               |
| 4881 | OsmoBSC                                      | Bug     | Feedback    | Normal   | osmo-bsc with unixsocket to osmo-el2tpd fails to bring up rbs6k (dug20+russ12)   | firs     | 01/01/2021 10:10 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                               |
| 4832 | OsmoBSC                                      | Bug     | Stalled     | Low      | osmo-bsc hard-releases lchan if no MSC is found  | neels    | 10/18/2022 09:41 PM | Related to #4832,Related to #4832,Related to #5337              |
| 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 |   |
| 3871 | libosmo-sccp + libosmo-sigtran               | Bug     | Feedback    | Low      | osmo_scu_prim conn_id should be scoped per-user and direction, and should not correlate with the local-reference spoken on the SCCP wire | laforge  | 04/02/2023 09:01 AM | Related to #3871,Related to #3871,Related to #5579,Blocks #3872 |
| 6415 | E1/T1 Hardware Interface (including icE1usb) | Bug     | New         | Low      | osmo_panic after truncated packet  | laforge  | 03/22/2024 06:54 PM |   |
| 6437 | libosmocore                                  | Bug     | Feedback    | Normal   | osmo_io_ops segmentation_cb missing parameter holding state  | pespin   | 04/19/2024 10:17 AM |   |
| 6410 | libosmocore                                  | Bug     | New         | Normal   | osmo_io poll backend doesn't work on file descriptors that are not sockets   |          | 03/19/2024 07:33 PM |   |
| 6393 | libosmocore                                  | Bug     | New         | Normal   | osmo_io conflating osmo_iofd_unregister vs osmo_iofd_close   | daniel   | 03/07/2024 09:47 AM |   |
| 3909 | libosmocore                                  | Bug     | New         | Normal   | osmo_get_rand_id() fails in containerised environment  |          | 03/24/2021 12:34 PM | Related to #3909  |
| 3983 | libosmocore                                  | Bug     | New         | Normal   | osmo_fsm_inst_change_parent() forgets to talloc reparent   |          | 03/24/2021 12:35 PM |   |
| 4149 | libosmocore                                  | Bug     | New         | Normal   | osmo_fsm allows event names to have spaces in them   | laforge  | 01/25/2022 09:53 AM |   |
| 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 |   |
| 4440 | OsmoBTS                                      | Bug     | New         | Normal   | osmo_bts_virtual doesn't detect if mobile/virtphy is gone  | laforge  | 03/07/2020 03:44 PM |   |
| 2669 | OsmoMSC                                      | Bug     | New         | Low      | osm-msc doesn't clean up BSC state   | osmith   | 09/30/2018 11:37 AM |   |



| #    | Project  | Tracker | Status      | Priority | Subject  | Assignee | Updated             | Related issues  |
|------|--|---------|-------------|----------|--|----------|---------------------|---|
| 2355 | OsmoBTS  | Bug     | New         | Low      | optimize log output of phy specific code   |          | 09/04/2019 09:26 AM | Related to #2355  |
| 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  |
| 4130 | OP25   | Bug     | New         | Normal   | OP25 User Interface  |          | 07/26/2019 02:36 AM |   |
| 4845 | OsmoPCU  | Bug     | Feedback    | Normal   | only send content resolution if it's needed  | lynxis   | 07/28/2023 02:45 PM |   |
| 5876 | OsmoHNBGW                                      | Bug     | New         | Normal   | on HNBAP HNB Register, clear previous UE state if any  | neels    | 03/20/2023 01:27 PM |   |
| 6009 | OsmoMSC  | Bug     | New         | Normal   | omo-msc: lots of tl_v_parse() calls in src/libmsc/gsm_04_08.c have no return code checked for errors   |          | 04/19/2023 03:19 PM |   |
| 4082 | OsmoBTS  | Bug     | New         | Normal   | OML: Unknown/unhandled PCHAN type: 0 NONE  |          | 11/18/2019 10:09 AM |   |
| 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                                   |
| 3782 | OsmoBTS  | Bug     | New         | Low      | OML bringup fails for osmo-bts-oc2g on high latency links  |          | 01/08/2020 10:27 PM | Related to #3782,Related to #3782,Related to #3789,Related to #4031 |
| 4645 | OsmoBSC  | Bug     | New         | Normal   | OM2K: "Sequence Error" due to too early initialization of RSL during BTS start                         | laforge  | 07/04/2020 07:24 PM |   |
| 4649 | OsmoBSC  | Bug     | New         | Low      | OM2K SI5ter: abis_rsl.c:1237 (bts=0,trx=0) ERROR REPORT (cause=Service or Option not available [ 3f ]) | laforge  | 07/04/2020 07:13 PM |   |
| 2691 | OsmoNITB                                       | Bug     | Feedback    | Normal   | Old TMSI paged after LU  |          | 05/17/2018 11:47 AM |   |
| 28   | OsmoNITB                                       | Bug     | New         | Low      | Old siemens phones cannot make voice calls (04.08 channel mode)  |          | 03/05/2018 07:36 PM |   |
| 1505 | UmTRX  | Bug     | New         | High     | OHM4 footprint incorrect   |          | 02/19/2016 10:52 PM |   |
| 3917 | OsmoGSMTester                                  | Bug     | New         | Normal   | ofono: update debian packages to match our dependencies  |          | 04/06/2020 11:30 AM |   |
| 2941 | OsmoGSMTester                                  | Bug     | New         | Normal   | ofono: SierraW sometimes crashing while deactivating a context.  |          | 01/08/2020 10:40 PM |   |
| 3046 | OsmoGSMTester                                  | Bug     | New         | Normal   | ofono: SierraW modem fails to power on   |          | 01/08/2020 10:41 PM |   |
| 3676 | OsmoGSMTester                                  | Bug     | New         | Normal   | ofono: org.ofono.ConnectionManager property Bearer returning "none"                                    |          | 06/09/2020 08:39 PM |   |
| 2237 | OsmoGSMTester                                  | Bug     | Feedback    | Normal   | ofono: Gobi modem: successful SMS delivery is evaluated as not successful                              | lynxis   | 06/07/2018 02:08 PM | Related to #2237,Related to #2237,Blocks #2237                      |
| 2238 | OsmoGSMTester                                  | Bug     | In Progress | Normal   | ofono: Gobi modem: cannot receive SMS  |          | 01/08/2020 10:42 PM | Related to #2238  |
| 2236 | OsmoGSMTester                                  | Bug     | New         | Low      | ofono: Fix valgrind issues   |          | 01/08/2020 10:51 PM |   |

| #    | Project                                      | Tracker | Status      | Priority | Subject   | Assignee | Updated             | Related issues                                     |
|------|--|---------|-------------|----------|---|----------|---------------------|--|
| 2189 | OsmoGSMTester                                | Bug     | New         | Normal   | ofono: EC20: cannot send SMS  | lynxis   | 11/28/2017 04:21 PM |  |
| 4542 | OsmoGSMTester                                | Bug     | Stalled     | Normal   | ofono: crash in drivers/qmimodem/gprs.c:extract_ss_info()   | pespin   | 07/30/2021 10:30 AM |  |
| 2713 | OsmoGSMTester                                | Bug     | New         | Normal   | ofono: chosen pdp type (v4, v6, dual) not strictly followed in ofono qmi  |          | 01/08/2020 10:40 PM | Related to #2713                                   |
| 5499 | osmo-e1d                                     | Bug     | New         | Low      | octoi client binds to specific IP even if 0.0.0.0 is specified  |          | 05/23/2023 07:10 AM |  |
| 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                              |
| 2807 | Z-Netz                                       | Bug     | Stalled     | Normal   | Obtain ZERBERUS software build[s] and manual[s]   | laforge  | 01/01/2020 01:51 PM |  |
| 5850 | SDR (Software Defined Radio)                 | Bug     | New         | Normal   | OBS mingw builds not updated since 2019   | roox     | 01/04/2023 12:15 PM |  |
| 5298 | gr-osmosdr                                   | Bug     | New         | Normal   | object has no attribute 'pyqwidget' on arch linux   |          | 11/09/2021 01:25 AM |  |
| 2013 | libosmo-sccp + libosmo-sigtran               | Bug     | New         | Low      | OAP (Osmo Auth Protocol) missing from IPA support in libosmo-sigtran  | neels    | 09/16/2018 10:35 AM | Related to #1843,Related to #2013,Related to #2554 |
| 41   | OsmoMSC                                      | Bug     | New         | Normal   | Numbering Plan in OsmoMSC   |          | 06/23/2018 07:37 PM |  |
| 5398 | OsmoSGSN                                     | Bug     | New         | Normal   | Null pointer access at "uctx" in ranap_iu_tx  | pespin   | 01/10/2022 01:14 PM |  |
| 5016 | libosmocore                                  | Bug     | New         | Low      | ns2: what happens when a dynamic NSE is present, but the user tries to configure it via vty                       | lynxis   | 03/29/2021 09:17 PM |  |
| 5180 | libosmocore                                  | Bug     | In Progress | Normal   | ns2: Document NS inspection/blocking commands   | lynxis   | 06/15/2021 01:10 PM |  |
| 5277 | libosmocore                                  | Bug     | New         | Normal   | ns2: Allow SNS-CONFIG PDUs from unknown endpoints during config procedure   | lynxis   | 10/22/2021 02:28 PM |  |
| 5208 | libosmocore                                  | Bug     | Feedback    | Normal   | ns2: add testcase for SNS Size with invalid tlv   | lynxis   | 02/12/2023 08:37 PM |  |
| 5015 | libosmocore                                  | Bug     | New         | Low      | ns2: add consistency check for ns configuration as callback   |          | 03/29/2021 09:17 PM |  |
| 5035 | libosmocore                                  | Bug     | New         | Low      | ns2: add a vty to drop a sns connection   |          | 03/29/2021 09:16 PM |  |
| 5957 | OsmoBTS                                      | Bug     | New         | Low      | not all osmo-bts variants respond to abisip-find  | jolly    | 03/22/2023 09:20 AM |  |
| 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 |  |
| 1838 | OsmoPCU                                      | Bug     | Stalled     | Normal   | Nokia E52 doest reply to PUAN message properly  |          | 10/29/2017 06:47 PM |  |
| 5402 | E1/T1 Hardware Interface (including icE1usb) | Bug     | New         | Normal   | no2e1 gateway improvements  |          | 01/13/2022 12:02 PM |  |
| 3591 | rtl-sdr                                      | Bug     | New         | Normal   | No Way To Detect Occasional Failed Bulk Transfers   |          | 09/25/2018 01:29 PM |  |
| 69   | OsmoBSC                                      | Bug     | New         | Low      | No timers for various calls   |          | 12/10/2017 07:53 PM |  |
| 2953 | OsmoSGSN                                     | Bug     | New         | Normal   | No timeout waiting for UpdateLocation Response on GSUP  |          | 01/08/2020 10:47 PM | Related to #2952                                   |

| #    | Project  | Tracker | Status   | Priority | Subject  | Assignee | Updated             | Related issues   |
|------|--|---------|----------|----------|--|----------|---------------------|--|
| 2957 | OsmoSGSN   | Bug     | New      | Normal   | No timeout during GSUP PURGE MS to HLR   |          | 01/08/2020 10:47 PM |  |
| 2179 | Osmocom Conferences (OsmoDevCon, OsmoCon, OsmoDevCall) | Bug     | New      | Normal   | no sign about OsmoCon outside of venue   |          | 04/24/2017 07:10 PM |  |
| 5693 | OCTOI - Osmocom Community TDM over IP                  | Bug     | Stalled  | Normal   | no progress tones in yate  |          | 12/03/2023 11:10 AM |  |
| 5639 | SIMtrace 2   | Bug     | Feedback | Normal   | No packet captured but only "Card state change:"   | g1bbs    | 09/20/2023 01:29 PM |  |
| 4141 | Cellular Network Infrastructure                        | Bug     | New      | Normal   | No osmux specific code in place during codec negotiation   |          | 08/05/2019 03:57 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   |
| 1831 | OsmoPCU  | Bug     | Stalled  | Low      | No handling for padding octets(LI 127) for EGPRS. row 3rd of Table 10.4.14a.1 TS 44.060 version 7.27.0 Release | pespin   | 10/20/2020 08:39 AM |  |
| 2955 | OsmoSGSN   | Bug     | New      | High     | No GMM ATTACH REJECT on GSUP UpdateLocation Error  | lynxis   | 09/10/2019 07:39 PM |  |
| 70   | OsmoNITB   | Bug     | New      | Low      | nitb crashes in the rtp_proxy when a phone on a MT-call sends a 'CONNECT' before the CRCX ACK came back        |          | 05/09/2016 07:37 PM |  |
| 6007 | OsmoBSC  | Bug     | New      | Normal   | network -> bts -> gprs nsvc will always create a nsvc node   |          | 04/17/2023 04:08 PM |  |
| 6059 | OsmoBSC  | Bug     | New      | Normal   | negotiate GSM-HR RTP packet format explicitly  | dexter   | 06/13/2023 10:38 AM |  |
| 4352 | osmo-sip-connector                                     | Bug     | New      | Normal   | Need to handle 401 Unauthorized  |          | 01/09/2020 02:03 PM |  |
| 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  |
| 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,Related to #3628,Is duplicate of #3475 |
| 4926 | OsmoHNBGW  | Bug     | New      | Normal   | nano3G disconnect / reconnect cycle with SCTP multi-homing   |          | 01/04/2021 11:38 AM | Related to #4926   |
| 5389 | OsmocomDECT  | Bug     | New      | Low      | Namespace clashes between kernel and userspace   |          | 01/09/2022 12:30 PM |  |
| 5818 | libosmocore  | Bug     | New      | Normal   | multithreaded logging causes lock contention and needs a rework  |          | 01/10/2024 09:05 AM |  |
| 4968 | osmo-gbproxy   | Bug     | Feedback | Normal   | Multiple TTCN3 tests only expect one SGSN  | daniel   | 12/09/2021 09:17 PM | Related to #4968   |
| 1479 | Mobile (in)Security                                    | Bug     | New      | Normal   | MTK stack unable to send MO-SMS on TCH/F   |          | 04/03/2019 09:01 AM |  |

| #    | Project                         | Tracker | Status      | Priority | Subject  | Assignee  | Updated             | Related issues                    |
|------|---------------------------------|---------|-------------|----------|--|-----------|---------------------|-----------------------------------|
| 5491 | OsmoMSC                         | Bug     | New         | Low      | MT CSFB calls fail (only) first time after Airplane mode toggle (probably on first attach to EUTRAN too) | keith     | 03/19/2022 09:37 PM |                                   |
| 5197 | OsmoMSC                         | Bug     | New         | Normal   | m_sc_i Unimplemented msg type: HANDOVER PERFORMED  | neels     | 08/23/2022 04:05 PM |                                   |
| 4017 | OsmoMSC                         | Bug     | New         | Normal   | MSC fails to handle calls  |           | 05/29/2019 04:56 PM |                                   |
| 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 |                                   |
| 6338 | OsmocomBB                       | Bug     | Feedback    | Normal   | ms-sdr gprs startup issues   | Hoernchen | 01/24/2024 03:58 PM |                                   |
| 6342 | OsmocomBB                       | Bug     | Feedback    | Normal   | ms-sdr gprs performance  | Hoernchen | 02/05/2024 05:00 PM | Related to #6342                  |
| 3814 | OsmoBSC                         | Bug     | New         | Normal   | MS Power Control Problem with Osmo-BSC and nanoBTS   |           | 02/24/2019 01:15 AM |                                   |
| 2438 | OsmoNITB                        | Bug     | New         | Normal   | MS not registered from osmocom PoV, but registered from ofono PoV  |           | 08/14/2017 09:36 AM |                                   |
| 1577 | OsmoBTS                         | Bug     | New         | Normal   | m_ph_send_config_logchpar doesn't update encryption config   |           | 02/23/2016 03:39 PM |                                   |
| 1954 | OsmocomBB                       | Bug     | In Progress | Normal   | Motorola C188 with Osmocombb firmwre(RAM version) can't scan out any base stations                       |           | 07/10/2017 10:24 PM |                                   |
| 1612 | Cellular Network Infrastructure | Bug     | New         | Low      | more configuration consistency checking  |           | 09/30/2018 11:48 AM |                                   |
| 6201 | OsmocomBB                       | Bug     | New         | Normal   | modem: signal proper MS Radio Access Capability  |           | 10/04/2023 12:34 PM | Related to #6201                  |
| 3629 | OsmocomBB                       | Bug     | New         | Normal   | mobile aborting after 'test re-selection 1' on vty   |           | 10/04/2018 02:58 PM |                                   |
| 5699 | OsmoMSC                         | Bug     | New         | Normal   | MNCC RTP_CREATE is not sent in a call waiting scenario   |           | 10/10/2022 06:46 PM |                                   |
| 4304 | libosmocore                     | Bug     | New         | Low      | missing unit tests for many gsm48_{encode,decode} functions  |           | 12/04/2019 01:50 PM |                                   |
| 2962 | OsmoSGSN                        | Bug     | New         | Normal   | Missing TTCN-3 test cases  |           | 01/08/2020 10:47 PM |                                   |
| 1640 | OsmoPCU                         | Bug     | Feedback    | Low      | Missing release field/length in MS RA capability container   |           | 10/20/2020 09:19 AM |                                   |
| 3929 | OsmoPCU                         | Bug     | New         | Normal   | Missing PCU_Tests.ttcn link adaptation tests   | pespin    | 06/17/2020 08:32 AM | Related to #3929                  |
| 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 |                                   |
| 4023 | OsmoBTS                         | Bug     | Stalled     | Normal   | Missing coverage of PCU interface in osmo-bts  |           | 03/21/2023 01:07 PM | Related to #4023                  |
| 5349 | OsmoSGSN                        | Bug     | In Progress | High     | Message for non-existing SNDCP Entity  |           | 07/17/2023 04:42 PM |                                   |
| 3192 | Cellular Network Infrastructure | Bug     | New         | Low      | meas_vis: use the lchan identity as primary key, not the IMSI  | laforge   | 12/01/2019 09:20 AM | Related to #3192,Related to #3192 |
| 6162 | libosmocore                     | Bug     | Feedback    | Normal   | master build failure with clang-16   | Hoernchen | 11/18/2023 09:17 AM |                                   |
| 6021 | libosmocore                     | Bug     | New         | Low      | map file breaks recent lld builds  | Hoernchen | 05/04/2023 05:49 AM |                                   |

| #    | Project                        | Tracker | Status      | Priority | Subject  | Assignee  | Updated             | Related issues  |
|------|--------------------------------|---------|-------------|----------|--|-----------|---------------------|---|
| 4972 | OsmoMSC                        | Bug     | New         | Normal   | manual: the MNCC protocol is outdated (RTP)  |           | 01/24/2021 05:58 PM |   |
| 4452 | OsmoPCU                        | Bug     | Stalled     | Normal   | manual testing of osmo-pcu   |           | 07/28/2023 02:48 PM |   |
| 6324 | OsmoBSC                        | Bug     | New         | Normal   | Making a data call results in B0RKEN Ichans  | osmith    | 01/05/2024 09:04 PM |   |
| 4764 | OsmoMSC                        | Bug     | New         | Normal   | make sure Assignment times out, always   |           | 09/23/2020 02:08 PM |   |
| 4004 | OsmoMSC                        | Bug     | New         | Low      | lu_fsm_priv.rej_cause is never used  | neels     | 11/21/2023 02:37 AM |   |
| 4830 | OsmoMSC                        | Bug     | In Progress | High     | LU reject when no authentication data in HLR but "authentication optional"                                 | neels     | 10/10/2022 02:03 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 |
| 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 |   |
| 6249 | libosmocore                    | Bug     | In Progress | Low      | logging: ANSI color sequences should be reset after log message  | manawyrm  | 12/04/2023 07:00 AM | Related to #6284  |
| 3642 | OsmoBSC                        | Bug     | New         | Low      | logging filter imsi leaks bsc_subscr references  |           | 10/09/2018 10:04 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 |   |
| 5509 | OsmoSGSN                       | Bug     | New         | Normal   | llc/pdu lifetime: add vty config option to define default lifetime   |           | 03/31/2022 04:11 PM |   |
| 6125 | OsmocomBB                      | Bug     | New         | Normal   | LLC GIA/GEA (auth/encryption) not yet tested   | pespin    | 08/28/2023 10:32 PM |   |
| 5824 | osmo-e1d                       | Bug     | Feedback    | Normal   | Line dead message in the log after start   | laforge   | 12/25/2023 01:43 PM |   |
| 4637 | OsmoTRX                        | Bug     | New         | Normal   | limesdr usb gain setting changes break gsm phasenoise constraints  |           | 06/29/2020 04:43 PM |   |
| 5178 | OsmoTRX                        | Bug     | New         | Normal   | LimeNET Micro clock error  | Hoernchen | 09/15/2021 09:42 AM |   |
| 3970 | OsmoTRX                        | Bug     | New         | Low      | libusrp fails to compile 1/4 of times in jenkins with PARALLEL_MAKE set                                    |           | 01/08/2020 10:56 PM | Is duplicate of #3970   |
| 6360 | libosmocore                    | Bug     | New         | Normal   | libosmovty fails to parse commands like "test (foo bar [(one two three)])"                                 |           | 02/14/2024 09:25 PM |   |
| 5864 | libosmocore                    | Bug     | New         | Normal   | Libosmocore: Fix order of config parsing output  |           | 02/04/2023 05:21 PM |   |
| 6381 | Core testing infrastructure    | Bug     | Feedback    | Low      | libosmocore changes take too long until they propagate through OBS master                                  | laforge   | 03/01/2024 10:10 AM |   |
| 6374 | libosmocore                    | Bug     | New         | Normal   | libosmocore --disable-libsctp not tested by jenkins  |           | 02/23/2024 03:47 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  |
| 5313 | OsmoMGW                        | Bug     | New         | Normal   | libosmo-mgcp-client-dbg specific package not generated for debian  |           | 11/16/2021 03:57 PM |   |

| #    | Project      | Tracker | Status      | Priority | Subject   | Assignee | Updated             | Related issues                                     |
|------|--------------|---------|-------------|----------|---|----------|---------------------|--|
| 5356 | libosmo-abis | Bug     | New         | Normal   | libosmo-abis: osmo_rtp_socket_connect() not calling connect() on sockets                  |          | 12/13/2021 12:50 PM |  |
| 2717 | libosmo-abis | Bug     | New         | Low      | libosmo-abis doesn't use ipa_ccm_make_id_resp()   |          | 12/06/2017 05:47 PM |  |
| 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                                       |
| 2571 | libosmo-abis | Bug     | New         | Low      | libosmo-abis API documentation missing (doxygen)  | osmith   | 02/06/2021 02:27 PM |  |
| 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                                   |
| 5895 | OsmoBTS      | Bug     | New         | Low      | LC15: Audio Quality Problem sometime after cf7a7fceb625a14fd764355c3b96fa86c77458c        |          | 03/20/2023 11:37 PM |  |
| 6422 | OsmoBSC      | Bug     | Feedback    | Normal   | latest: BSC_Tests.TC_ctrl_location started to fail on March 15th                          | fixeria  | 04/02/2024 06:56 PM |  |
| 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                  |
| 4474 | OsmoBTS      | Bug     | In Progress | Low      | l1fwd (-remote) tried to read eeprom locally  |          | 11/04/2021 06:35 PM |  |
| 1766 | OsmoPCU      | Bug     | In Progress | High     | KPIs for OsmoPCU: EGPRS   |          | 01/22/2020 02:06 PM | Related to #1766,Related to #1766                  |
| 73   | OsmoBSC      | Bug     | New         | Low      | Kill the paging_init_if_needed method in paging.c   |          | 12/10/2017 07:53 PM |  |
| 1674 | OsmoBTS      | Bug     | New         | Low      | Kill duplication between l1_if.c and sysmbots_ctrl.c                                      |          | 07/18/2019 06:08 AM |  |
| 3590 | rtl-sdr      | Bug     | New         | Normal   | Key Functions Missing Documentation   |          | 09/25/2018 01:04 PM |  |
| 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 |  |
| 6232 | libosmocore  | Bug     | New         | Normal   | jenkins should give all libosmocore config options a try                                  | osmith   | 10/22/2023 04:16 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                  |
| 1818 | OsmoSGSN     | Bug     | New         | Normal   | luPS: CN should lu Release in certain situations  |          | 01/08/2020 10:47 PM | Related to #1818,Related to #3302,Related to #3908 |
| 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                                   |
| 3923 | OsmoSGSN     | Bug     | New         | Normal   | lu: Respond to SecurityCommandReject messages   |          | 04/24/2019 08:26 AM | Related to #3923                                   |
| 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                                   |
| 1919 | pySim        | Bug     | New         | Low      | issue with gcardsim from Greencard (gcard.cn)   |          | 08/17/2017 06:45 AM |  |

| #    | Project                                      | Tracker | Status      | Priority | Subject   | Assignee | Updated             | Related issues                                     |
|------|--|---------|-------------|----------|---|----------|---------------------|--|
| 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 |  |
| 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                  |
| 1725 | OsmoNITB                                     | Bug     | Stalled     | Low      | iPhone6 network selection issue with GSM1900  |          | 03/05/2018 07:35 PM |  |
| 68   | OsmoBSC                                      | Bug     | New         | Low      | ipaccess-config should work with -u ID -o IP -r BTS_IP  |          | 12/10/2017 07:52 PM |  |
| 34   | OsmoBSC                                      | Bug     | New         | Normal   | ipaccess init code needs proper state machines  |          | 12/10/2017 08:16 PM | Related to #34                                     |
| 5842 | OsmoBSC                                      | Bug     | New         | Normal   | ipa: investigate NSVC local and remote port configuration difference with wireshark dissector |          | 12/22/2022 07:18 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 |  |
| 5378 | erlang/osmo_ss7                              | Bug     | New         | Normal   | ipa: add support for client application   | laforge  | 01/05/2022 08:36 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 |  |
| 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     |
| 4018 | OsmoPCU                                      | Bug     | New         | Normal   | investigate ordering of includes paths  |          | 05/23/2019 10:59 AM |  |
| 3382 | Cellular Network Infrastructure              | Bug     | New         | Low      | Investigate and fix lintian issues listed by Debian Lintian Report                            | osmith   | 12/01/2019 09:27 AM |  |
| 1955 | OsmoNITB                                     | Bug     | New         | Normal   | Investigate "Bad signalling message" error  |          | 03/05/2018 07:33 PM |  |
| 3164 | OsmoMSC                                      | Bug     | Feedback    | Low      | invalid LAI in level 3 complete: unify BSSMAP and RANAP verification                          | neels    | 07/29/2019 01:34 PM | Related to #3162,Related to #3163,Related to #3164 |
| 3696 | OsmoSGSN                                     | Bug     | New         | Normal   | Intermittent Connection Drop  |          | 01/08/2020 10:48 PM |  |
| 3992 | OsmoMSC                                      | Bug     | New         | Normal   | inter-MSC handover for signalling-only?   |          | 05/09/2019 11:39 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 |  |
| 6323 | OP25   | Bug     | New         | Normal   | Install script is broken on Ubuntu 23.10  |          | 01/05/2024 07:54 PM |  |
| 5731 | gr-osmosdr                                   | Bug     | New         | High     | Install gr-osmosdr on Ubuntu 20.04  |          | 10/27/2022 01:39 PM |  |
| 1690 | OsmoSMSC                                     | Bug     | New         | Normal   | Insert: Generate message ID (e.g. UUID)   | zecke    | 04/06/2016 12:26 PM |  |
| 1897 | OsmocomTETRA                                 | Bug     | New         | Low      | Inefficient sequence search in tetra_find_train_seq   |          | 04/10/2017 01:04 AM |  |
| 1532 | OsmoPCU                                      | Bug     | New         | Low      | Increased number of poll timeouts on shared PDCHs   | pespin   | 02/08/2021 05:22 PM | Related to #1524                                   |
| 3652 | OsmocomBB                                    | Bug     | New         | Normal   | Incorrect IMEISV setting in mobile application  |          | 10/12/2018 08:20 PM |  |

| #    | Project                         | Tracker | Status      | Priority | Subject   | Assignee  | Updated             | Related issues   |
|------|---------------------------------|---------|-------------|----------|---|-----------|---------------------|------------------|
| 6330 | OsmoMSC                         | Bug     | New         | Normal   | Incorrect handling of V.120 data calls  |           | 01/18/2024 03:02 PM | Related to #6344 |
| 6413 | rtl-sdr                         | Bug     | New         | Normal   | Incorrect Debian/Debian-like binary packages  | steve-m   | 03/22/2024 05:09 PM |                  |
| 5380 | osmo-ccid-firmware              | Bug     | New         | Normal   | Incorrect answer to PC_to_RDR_SetParameters CCID command                              |           | 01/16/2022 08:55 PM |                  |
| 2383 | OsmoPCU                         | Bug     | New         | Normal   | incompatibility with some SGSNs during P-TMSI allocation                              | laforge   | 07/04/2018 12:50 PM |                  |
| 1751 | OsmoBTS                         | Bug     | New         | Low      | incompatibility between LCR and DTX   |           | 06/14/2016 04:39 PM |                  |
| 3222 | OsmoTRX                         | Bug     | Stalled     | Low      | include (tested) example config files for usrp1, uhd/b200 as well as umtrx            | tnt       | 10/20/2018 07:27 PM |                  |
| 6158 | OsmoHNBGW                       | Bug     | New         | Normal   | IMSI not shown in "show ue all"   | lynxis    | 08/29/2023 03:11 PM |                  |
| 1478 | Mobile (in)Security             | Bug     | New         | High     | IMSI DETACH DoS   |           | 09/02/2019 09:00 AM |                  |
| 6263 | libosmocore                     | Bug     | In Progress | Low      | impossible to detect wrong callbacks being registered / osmo_io_ops union             | daniel    | 11/21/2023 09:21 AM |                  |
| 5352 | gr-osmosdr                      | Bug     | New         | Normal   | ImportError: generic_type: type "sink" referenced unknown base type "gr::hier_block2" |           | 12/11/2021 08:19 AM |                  |
| 4041 | SIMtrace 2                      | Bug     | New         | Normal   | implement SIMTRACE_CMD_BD_BOARD_INFO  | laforge   | 12/06/2019 01:38 PM | Related to #4041 |
| 4222 | OsmoSGSN                        | Bug     | New         | High     | Implement PS Paging for the Routing Areas   |           | 10/03/2020 02:20 PM | Related to #4222 |
| 4161 | OsmoGGSN (former OpenGGSN)      | Bug     | New         | Normal   | Implement pdp idle timer  | pespin    | 08/20/2019 06:30 PM | Related to #4161 |
| 4070 | OsmoBSC                         | Bug     | Stalled     | Normal   | Implement IPA PING/PONG mechanism on RSL and OML                                      | osmith    | 09/30/2020 08:13 PM | Related to #5785 |
| 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 |
| 4069 | Cellular Network Infrastructure | Bug     | New         | Low      | Implement IPA PING/PONG mechanism everywhere  | osmith    | 02/06/2021 02:27 PM | Related to #4072 |
| 2170 | OP25                            | Bug     | New         | High     | Implement forward error-correction code, remove IT++ dependency                       |           | 04/22/2017 04:14 PM |                  |
| 2168 | OP25                            | Bug     | New         | High     | Implement Forward error correction for LDU1/2   |           | 04/22/2017 04:15 PM |                  |
| 3763 | osmo-sip-connector              | Bug     | New         | Normal   | Implement correct handling for call answered elsewhere                                |           | 01/22/2019 01:03 PM |                  |

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