

## Issues

| #    | Project                      | Tracker | Status | Priority | Subject   | Assignee | Updated             | Related issues                    |
|------|------------------------------|---------|--------|----------|---|----------|---------------------|-----------------------------------|
| 21   | OsmoNITB                     | Bug     | New    | Low      | we don't see CHANnel ReQireD from motorola EZX phones at call setup                                     |          | 03/05/2018 07:36 PM |                                   |
| 28   | OsmoNITB                     | Bug     | New    | Low      | Old siemens phones cannot make voice calls (04.08 channel mode)   |          | 03/05/2018 07:36 PM |                                   |
| 34   | OsmoBSC                      | Bug     | New    | Normal   | ipaccess init code needs proper state machines  |          | 12/10/2017 08:16 PM | Related to #34                    |
| 37   | OsmoNITB                     | Bug     | New    | Normal   | RTP Proxy dealing with SSRC change and sequence numbers   |          | 03/05/2018 07:34 PM |                                   |
| 38   | OsmoNITB                     | Bug     | New    | Normal   | subscr_update should sync database before dispatching the signal  |          | 03/05/2018 07:34 PM |                                   |
| 41   | OsmoMSC                      | Bug     | New    | Normal   | Numbering Plan in OsmoMSC   |          | 06/23/2018 07:37 PM |                                   |
| 44   | OsmoSGSN                     | Bug     | New    | Normal   | TLLI clash possible   | pespin   | 02/06/2021 01:31 PM |                                   |
| 48   | OsmoNITB                     | Bug     | New    | Normal   | Periodic timer and paging   |          | 03/05/2018 07:34 PM |                                   |
| 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 |                                   |
| 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                    |
| 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 |                                   |
| 68   | OsmoBSC                      | Bug     | New    | Low      | ipaccess-config should work with -u ID -o IP -r BTS_IP  |          | 12/10/2017 07:52 PM |                                   |
| 69   | OsmoBSC                      | Bug     | New    | Low      | No timers for various calls   |          | 12/10/2017 07:53 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 |                                   |
| 72   | OsmoNITB                     | Bug     | New    | Low      | struct gsm_call can leak..  |          | 05/09/2016 07:37 PM |                                   |
| 73   | OsmoBSC                      | Bug     | New    | Low      | Kill the paging_init_if_needed method in paging.c   |          | 12/10/2017 07:53 PM |                                   |
| 1458 | OsmocomBB                    | Bug     | New    | High     | AGC broken (strong cell cannot be synced)   | tnt      | 07/18/2019 06:10 AM | Related to #3582                  |
| 1462 | OsmocomBB                    | Bug     | New    | High     | ../src/utlis.c:182:7: error: only weak aliases are supported in this configuration                      |          | 02/21/2016 04:48 PM |                                   |
| 1474 | SDR (Software Defined Radio) | Bug     | New    | High     | USB Claim Interface Error   | steve-m  | 02/20/2016 08:23 PM |                                   |
| 1477 | Mobile (in)Security          | Bug     | New    | High     | RACH flood DoS  |          | 02/21/2016 04:34 PM |                                   |
| 1478 | Mobile (in)Security          | Bug     | New    | High     | IMSI DETACH DoS   |          | 09/02/2019 09:00 AM |                                   |
| 1479 | Mobile (in)Security          | Bug     | New    | Normal   | MTK stack unable to send MO-SMS on TCH/F  |          | 04/03/2019 09:01 AM |                                   |
| 1480 | Mobile (in)Security          | Bug     | New    | High     | A5/3 is not deployed in GSM networks  |          | 02/21/2016 04:34 PM |                                   |
| 1481 | Mobile (in)Security          | Bug     | New    | High     | Random LAPDm MAC-block padding is not deployed yet  |          | 02/21/2016 04:34 PM | Related to #5256,Related to #5257 |
| 1482 | Mobile (in)Security          | Bug     | New    | Normal   | Sending the TMSI of the old/previous network  |          | 02/21/2016 04:35 PM |                                   |
| 1483 | Mobile (in)Security          | Bug     | New    | High     | USSD state is not reset when switching cells  |          | 02/21/2016 04:34 PM |                                   |
| 1505 | UmTRX                        | Bug     | New    | High     | OHM4 footprint incorrect  |          | 02/19/2016 10:52 PM |                                   |
| 1528 | OsmoPCU                      | Bug     | New    | Low      | Find a real fix for EGPRS_AckNack_w_len_t decoding  | pespin   | 02/06/2021 01:04 PM |                                   |

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|------|---------------------------------------|---------|--------|----------|---|----------|---------------------|---|
| 1532 | OsmoPCU                               | Bug     | New    | Low      | Increased number of poll timeouts on shared PDCHs                             | pespin   | 02/08/2021 05:22 PM | Related to #1524  |
| 1550 | OsmoPCU                               | Bug     | New    | Normal   | Cell reselection under network control  |          | 02/23/2016 03:06 PM |   |
| 1577 | OsmoBTS                               | Bug     | New    | Normal   | mph_send_config_logchpar doesn't update encryption config                     |          | 02/23/2016 03:39 PM |   |
| 1612 | Cellular Network Infrastructure       | Bug     | New    | Low      | more configuration consistency checking                                       |          | 09/30/2018 11:48 AM |   |
| 1624 | OsmoPCU                               | Bug     | New    | Normal   | add CRBB support to write_packet_ack_nack_desc_egprs                          |          | 10/20/2020 08:37 AM |   |
| 1674 | OsmoBTS                               | Bug     | New    | Low      | Kill duplication between l1_if.c and sysmbots_ctrl.c                          |          | 07/18/2019 06:08 AM |   |
| 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 |   |
| 1690 | OsmoSMSC                              | Bug     | New    | Normal   | Insert: Generate message ID (e.g. UUID)                                       | zecke    | 04/06/2016 12:26 PM |   |
| 1744 | OsmoBTS                               | Bug     | New    | Low      | 1-way voice between sysmobts and nanobts if DTX is enabled                    |          | 07/18/2019 06:08 AM | Related to #1562  |
| 1751 | OsmoBTS                               | Bug     | New    | Low      | incompatibility between LCR and DTX   |          | 06/14/2016 04:39 PM |   |
| 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 |
| 1813 | Qualcomm Linux Modems by Quectel & Co | Bug     | New    | Normal   | cat /dev/snd/* causes kernel oops   |          | 09/30/2016 04:00 PM |   |
| 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                  |
| 1829 | OsmoNITB                              | Bug     | New    | Normal   | Fix warnings introduced by ctrl constify                                      |          | 03/05/2018 07:34 PM |   |
| 1897 | OsmocomTETRA                          | Bug     | New    | Low      | Inefficient sequence search in tetra_find_train_seq                           |          | 04/10/2017 01:04 AM |   |
| 1899 | osmo-qcdiag                           | Bug     | New    | Normal   | osmo-qcdiag: DIAG based pcap tracing (DPL) not working                        |          | 01/11/2017 12:15 PM |   |
| 1904 | OsmoNITB                              | Bug     | New    | Normal   | get rid of deprecated functions   |          | 03/05/2018 07:33 PM |   |
| 1907 | osmo-qcdiag                           | Bug     | New    | Normal   | osmo-qcdiag detects CRC errors relatively often                               |          | 01/23/2017 01:47 AM |   |
| 1916 | OsmocomBB                             | Bug     | New    | Normal   | building GNU ARM toolchain with gcc-4.8 fails on modern texinfo               |          | 10/16/2017 02:14 PM |   |
| 1919 | pySim                                 | Bug     | New    | Low      | issue with grcardsim from Greencard (grcard.cn)                               |          | 08/17/2017 06:45 AM |   |
| 1925 | OsmoPCU                               | Bug     | New    | High     | Fix padding for MCS8 transition   |          | 01/08/2020 10:31 PM |   |
| 1955 | OsmoNITB                              | Bug     | New    | Normal   | Investigate "Bad signalling message" error                                    |          | 03/05/2018 07:33 PM |   |
| 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                  |
| 2162 | OP25                                  | Bug     | New    | High     | Fix bit-ordering in output for VC55.  |          | 04/22/2017 04:15 PM |   |

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|------|--|---------|--------|----------|--|----------|---------------------|--|
| 2168 | OP25   | Bug     | New    | High     | Implement Forward error correction for LDU1/2  |          | 04/22/2017 04:15 PM |  |
| 2169 | OP25   | Bug     | New    | High     | First-cut of trunking support  |          | 04/22/2017 04:15 PM |  |
| 2170 | OP25   | Bug     | New    | High     | Implement forward error-correction code, remove IT++ dependency                                    |          | 04/22/2017 04:14 PM |  |
| 2172 | OP25   | Bug     | New    | High     | HDU often missing in captures  |          | 04/22/2017 04:14 PM |  |
| 2179 | Osmocom Conferences (OsmoDevCon, OsmoCon, OsmoDevCall) | Bug     | New    | Normal   | no sign about OsmoCon outside of venue   |          | 04/24/2017 07:10 PM |  |
| 2189 | OsmoGSMTester  | Bug     | New    | Normal   | ofono: EC20: cannot send SMS   | lynxis   | 11/28/2017 04:21 PM |  |
| 2216 | gr-osmosdr   | Bug     | New    | Normal   | uhd: LO offset doesn't seem to work properly   |          | 06/03/2018 12:08 PM |  |
| 2236 | OsmoGSMTester  | Bug     | New    | Low      | ofono: Fix valgrind issues   |          | 01/08/2020 10:51 PM |  |
| 2245 | OsmoGSMTester  | Bug     | New    | Low      | osmo-bts cfg: fix band string  |          | 05/15/2017 12:58 PM | Related to #2230                                     |
| 2259 | libosmo-sccp + libosmo-sigtran                         | Bug     | New    | Normal   | problem with local reference   | laforge  | 07/19/2017 04:25 PM |  |
| 2292 | Osmocom Conferences (OsmoDevCon, OsmoCon, OsmoDevCall) | Bug     | New    | Normal   | Time with community users during OsmoCon   |          | 05/25/2017 03:03 PM |  |
| 2305 | OsmoSGSN   | Bug     | New    | Normal   | review 'laforge/santos' branch and check if there are pending fixes                                |          | 01/08/2020 10:56 PM |  |
| 2355 | OsmoBTS  | Bug     | New    | Low      | optimize log output of phy specific code   |          | 09/04/2019 09:26 AM | Related to #2355                                     |
| 2364 | OsmoBTS  | Bug     | New    | Low      | OsmoBTS sends SI1 even if it is not specified/needed   |          | 07/15/2017 10:06 AM |  |
| 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 |  |
| 2382 | OsmoBSC  | Bug     | New    | Normal   | T3105 not consistently communicated to all BTS models  |          | 03/05/2018 07:02 PM |  |
| 2383 | OsmoPCU  | Bug     | New    | Normal   | incompatibility with some SGSNs during P-TMSI allocation   | laforge  | 07/04/2018 12:50 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                   |
| 2431 | OsmoGSMTester  | Bug     | New    | Normal   | osmo-gsm-tester: add test case: MS sends SMS to ESME   |          | 08/10/2017 03:47 PM |  |
| 2433 | OsmoNITB   | Bug     | New    | Low      | Drop MGCP_DUMMY_LOAD frames and use proper Osmux Dummy frames                                      | pespin   | 08/21/2017 02:23 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 |
| 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 |

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| 2438 | OsmoNITB                        | Bug     | New    | Normal   | MS not registered from osmocom PoV, but registered from ofono PoV   |          | 08/14/2017 09:36 AM |                  |
| 2439 | libosmo-netif                   | Bug     | New    | Normal   | Osmux: overwrite duplicated RTP packets instead of dropping them  |          | 12/01/2019 10:11 AM | Blocks #2439     |
| 2440 | libosmo-netif                   | Bug     | New    | Normal   | Osmux: Improve lost packet recreation mechanism   |          | 12/01/2019 10:11 AM | Blocks #2439     |
| 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 |
| 2571 | libosmo-abis                    | Bug     | New    | Low      | libosmo-abis API documentation missing (doxygen)  | osmith   | 02/06/2021 02:27 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 |
| 2607 | rtl-sdr                         | Bug     | New    | Normal   | rtl-sdr gnuradio cfile is outdated  |          | 06/03/2018 12:23 PM |                  |
| 2615 | OsmoGSMTester                   | Bug     | New    | Normal   | Add API to check GPS lock in BTS  |          | 11/03/2017 05:00 PM |                  |
| 2621 | OsmoGSMTester                   | Bug     | New    | Normal   | Gobi2000: might stopped working because all CID got assigned  |          | 01/08/2020 10:40 PM |                  |
| 2650 | OsmoMGW                         | Bug     | New    | Normal   | how can osmo-mgw send a dummy RTP packet before CRCX ACK?   |          | 06/08/2020 07:08 PM | Related to #4005 |
| 2669 | OsmoMSC                         | Bug     | New    | Low      | osm-msc doesn't clean up BSC state  | osmith   | 09/30/2018 11:37 AM |                  |
| 2674 | OsmoBTS                         | Bug     | New    | Low      | osmo-bts-sysmo GPRS failing if running without "-M"   | pespin   | 07/18/2019 06:08 AM |                  |
| 2675 | OsmoBTS                         | Bug     | New    | Low      | /usr/bin/lc15bts-mgr can't find GPS 3D fix to for calibration   | pespin   | 02/13/2018 03:34 PM |                  |
| 2688 | libosmocore                     | Bug     | New    | Normal   | CTRL iface: make rate_ctr request parser more strict  |          | 03/24/2021 12:37 PM | Related to #4443 |
| 2690 | OsmocomBB                       | Bug     | New    | Normal   | ASAN issue on shutdown/no shutdown SYSINFO access   |          | 11/29/2017 09:33 AM |                  |
| 2692 | OsmoSGSN                        | Bug     | New    | Low      | HLR string in CDR and VTY is empty  | pespin   | 09/30/2018 11:39 AM |                  |
| 2694 | OsmocomBB                       | Bug     | New    | Normal   | SIGSEGV in lapdm code   |          | 11/30/2017 08:45 AM | Related to #2694 |
| 2698 | OsmoMSC                         | Bug     | New    | Low      | Add more tests to jenkins job testing osmo-msc against NG40tester   |          | 01/08/2020 10:17 PM | Related to #2477 |
| 2705 | OsmocomBB                       | Bug     | New    | Normal   | GSM48_MMR_NREG_REQ followed by GSM48_MMR_REG_REQ don't attach to the network                                      |          | 12/03/2017 09:50 PM |                  |
| 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 |
| 2717 | libosmo-abis                    | Bug     | New    | Low      | libosmo-abis doesn't use ipa_ccm_make_id_resp()   |          | 12/06/2017 05:47 PM |                  |
| 2797 | linmodem                        | Bug     | New    | Normal   | X11 support is 16bit plane only   |          | 05/07/2022 11:34 PM |                  |
| 2803 | linmodem                        | Bug     | New    | Low      | return ERROR for unsupported AT commands  |          | 01/01/2018 12:19 PM |                  |
| 2805 | FidoNet                         | Bug     | New    | Low      | Create reproducible / semi-automatic way to create FidoNet node on Linux  |          | 07/18/2019 05:34 AM |                  |
| 2808 | Z-Netz                          | Bug     | New    | Normal   | Create + Document VM/emulation setup for running ZERBERUS   |          | 01/01/2018 01:09 PM |                  |
| 2809 | Z-Netz                          | Bug     | New    | Normal   | Build ZConnect <-> UseNet gateway   |          | 01/01/2018 01:33 PM |                  |
| 2824 | gr-osmosdr                      | Bug     | New    | High     | Corrupted double-linked for Raspbian Stretch when running osmocom_fft (and any other program using osmosdr.source |          | 06/03/2018 12:08 PM |                  |
| 2839 | Cellular Network Infrastructure | Bug     | New    | Low      | statistics split between 2G and 3G  |          | 07/18/2019 05:22 AM |                  |
| 2846 | OsmoMSC                         | Bug     | New    | Normal   | MSC doesn't close SCCP/BSSAP connection on CM SERV REQ tht cannot be parsed                                       | osmith   | 07/18/2019 05:44 AM |                  |

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| 2877 | OsmoMSC       | Bug     | New    | Normal   | OsmoMSC fails on bearer capability without octet 3a   | osmith   | 07/18/2019 05:45 AM |  |
| 2883 | OsmoMSC       | Bug     | New    | Normal   | GSUP encoding of MSISDN is wrong  |          | 10/20/2020 08:41 AM | Related to #4324,Related to #4333              |
| 2884 | OsmoMSC       | Bug     | New    | Low      | Call Control timers are very long and not configurable  |          | 01/08/2020 10:56 PM |  |
| 2895 | OsmoMSC       | Bug     | New    | Normal   | OsmoMSC excessively uses LU Reject Cause 22 (congestion)  | osmith   | 07/18/2019 05:41 AM |  |
| 2899 | OsmoBSC       | Bug     | New    | Low      | channel attributes are sent to BTS even for NONE channels   | osmith   | 09/30/2018 10:42 AM |  |
| 2916 | OsmoMSC       | Bug     | New    | Normal   | asan failure on debian unstable in msc_vlr_test_gsm_ciph  |          | 02/09/2018 04:20 PM |  |
| 2928 | OsmoMSC       | Bug     | New    | Normal   | OsmoMSC doesn't do BSSMAP ASSIGNMENT if no MNCC_RTP_CREATE is received  |          | 02/11/2018 05:38 PM |  |
| 2933 | OsmoMSC       | Bug     | New    | Low      | change of trans->bearer_cap (e.g. via MNCC) will not trigger BSSMAP ASSIGNMENT  |          | 02/12/2018 11:36 AM | Related to #2854                               |
| 2941 | OsmoGSMTester | Bug     | New    | Normal   | ofono: SierraW sometimes crashing while deactivating a context.   |          | 01/08/2020 10:40 PM |  |
| 2942 | OsmoBTS       | Bug     | New    | Low      | osmo-bts-virtual+virtphy+mobile paging for SMS delivery fails   |          | 02/13/2018 05:05 PM |  |
| 2943 | OsmoMSC       | Bug     | New    | Normal   | Errors in MGCP do not propagate back to MNCC gsm_subscriber_conn state machine  |          | 09/04/2019 09:21 AM |  |
| 2953 | OsmoSGSN      | Bug     | New    | Normal   | No timeout waiting for UpdateLocation Response on GSUP  |          | 01/08/2020 10:47 PM | Related to #2952                               |
| 2955 | OsmoSGSN      | Bug     | New    | High     | No GMM ATTACH REJECT on GSUP UpdateLocation Error   | lynxis   | 09/10/2019 07:39 PM |  |
| 2957 | OsmoSGSN      | Bug     | New    | Normal   | No timeout during GSUP PURGE MS to HLR  |          | 01/08/2020 10:47 PM |  |
| 2959 | OsmoSGSN      | Bug     | New    | Low      | OsmoSGSN puts bogus LAC/RAC in GTP Create PDP CTX ACT REQ   | osmith   | 09/30/2018 11:41 AM |  |
| 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 |  |
| 2962 | OsmoSGSN      | Bug     | New    | Normal   | Missing TTCN-3 test cases   |          | 01/08/2020 10:47 PM |  |
| 2964 | OsmoBSC       | Bug     | New    | Low      | handover_decision_2: measurement report number compared to lchan->meas_rep_last_seen_nr often overflows to zero (255 range) and hence an old report may be seen as new every once per 255 cycle | neels    | 12/16/2019 03:02 PM | Related to #1606                               |
| 2974 | OsmoBTS       | Bug     | New    | Low      | OsmoBTS doesn't use the "Diagnostics" part of the RSL Cause IE  |          | 07/18/2019 05:48 AM |  |
| 2995 | OsmocomBB     | Bug     | New    | Normal   | Wrong parsing of PAGING TYPE 3  |          | 02/24/2018 11:03 PM | Related to #2994                               |
| 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              |
| 3002 | OsmoBSC       | Bug     | New    | Normal   | HO2: handover decision for dynamic timeslots  | neels    | 10/28/2020 08:46 PM | Related to #1606,Related to #1608,Blocks #3002 |
| 3006 | libosmo-netif | Bug     | New    | Low      | Osmux: improvements on lost/dropped RTP packets   |          | 09/30/2018 08:34 AM |  |
| 3020 | OsmoBSC       | Bug     | New    | Normal   | OsmoBSC PCU socket interface not yet tested by BSC_Tests.ttcn   | laforge  | 05/21/2019 06:29 PM |  |
| 3046 | OsmoGSMTester | Bug     | New    | Normal   | ofono: SierraW modem fails to power on  |          | 01/08/2020 10:41 PM |  |

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| 3058 | OsmoBTS  | Bug     | New    | Low      | RSL SACCH FILLING are per TRX, not BTS scope  |          | 03/11/2018 08:55 PM |                                   |
| 3061 | OsmoTRX  | Bug     | New    | Normal   | OsmoTRX ARM chroot build jobs failing due to proot bug  | pespin   | 12/02/2019 04:54 PM | Related to #3766,Related to #4301 |
| 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 |                                   |
| 3068 | OsmoGSMTester  | Bug     | New    | Low      | osmo-gsm-tester: resource objects leaked or destroyed too late                                  | pespin   | 03/31/2023 03:28 PM |                                   |
| 3110 | OsmoMSC  | Bug     | New    | Normal   | Test and possibly fix ID Request after Auth failure   | neels    | 09/30/2018 11:36 AM |                                   |
| 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 |
| 3126 | SDR (Software Defined Radio)                           | Bug     | New    | Low      | Windows 10 Pro 1709: crash of rtl_test.exe  |          | 03/30/2018 02:16 PM |                                   |
| 3141 | OsmoTRX  | Bug     | New    | Normal   | Refactor / clean up TRX CTRL / DATA interfaces implementation                                   |          | 04/05/2018 05:46 PM |                                   |
| 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 |
| 3167 | Cellular Network Infrastructure                        | Bug     | New    | Low      | Build osmo-* master docker containers with address sanitizer                                    | osmith   | 07/18/2019 05:22 AM | Related to #3167                  |
| 3169 | OsmoMSC  | Bug     | New    | Low      | OsmoMSC rejects SMPP messages with empty SMS  |          | 01/08/2020 10:56 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 |
| 3200 | Osmocom Conferences (OsmoDevCon, OsmoCon, OsmoDevCall) | Bug     | New    | Normal   | OsmoDevCon: Use loudspeakers even at IN-Berlin  |          | 04/23/2018 06:53 PM |                                   |
| 3201 | Osmocom Conferences (OsmoDevCon, OsmoCon, OsmoDevCall) | Bug     | New    | Normal   | OsmoDevCon: Add one more rectangular table  |          | 04/23/2018 07:00 PM |                                   |
| 3224 | OsmoSGSN   | Bug     | New    | Normal   | verify ciphering after UMTS AKA   |          | 01/08/2020 10:48 PM | Related to #3193,Related to #3224 |
| 3240 | gr-osmosdr   | Bug     | New    | Normal   | Expose airspy gain setting in gr-osmosdr block  |          | 06/03/2018 12:08 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 |                                   |
| 3284 | OsmoPCU  | Bug     | New    | Normal   | GPRS cell re-selection appears sticky in packet transfer / packet idle mode                     |          | 01/08/2020 10:45 PM | Related to #2400,Related to #3284 |
| 3382 | Cellular Network Infrastructure                        | Bug     | New    | Low      | Investigate and fix lintian issues listed by Debian Lintian Report                              | osmith   | 12/01/2019 09:27 AM |                                   |

| #    | Project                         | Tracker | Status | Priority | Subject   | Assignee | Updated             | Related issues                    |
|------|---------------------------------|---------|--------|----------|---|----------|---------------------|-----------------------------------|
| 3398 | GSM Audio Pocket Knife          | Bug     | New    | Low      | build: configure fails if (optional) libalsa wasn't found                       | fixeria  | 12/01/2019 10:08 AM |                                   |
| 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 |                                   |
| 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                  |
| 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 |
| 3442 | OsmoMGW                         | Bug     | New    | Normal   | fix int mgcp_codec_decide() in mgcp_codec.c                                     |          | 09/04/2019 09:26 AM |                                   |
| 3443 | OsmoMGW                         | Bug     | New    | Low      | Check audio-payload options in osmo-mgw VTY                                     |          | 03/15/2020 08:43 AM |                                   |
| 3462 | gr-osmosdr                      | Bug     | New    | Normal   | gr-osmosdr installation bladerf conversion errors                               | horiz0n  | 07/18/2019 05:35 AM |                                   |
| 3531 | OP25                            | Bug     | New    | Normal   | Unknown status of the p25 wireshark plugin                                      |          | 10/06/2022 05:52 AM |                                   |
| 3557 | OsmocomBB                       | Bug     | New    | Normal   | trxcon: decoding errors after applying a new TCH mode                           | fixeria  | 06/21/2019 11:56 AM |                                   |
| 3567 | Cellular Network Infrastructure | Bug     | New    | Low      | coverity: move the secret token out of \$HOME/osmo-ci/.../                      | lynxis   | 07/18/2019 05:22 AM |                                   |
| 3588 | rtl-sdr                         | Bug     | New    | Normal   | Error Values Inconsistent   |          | 09/25/2018 12:47 PM |                                   |
| 3589 | rtl-sdr                         | Bug     | New    | Normal   | Zerocopy Buffers Unusable Outside Callback Without memcpy()                     |          | 09/25/2018 12:58 PM |                                   |
| 3590 | rtl-sdr                         | Bug     | New    | Normal   | Key Functions Missing Documentation   |          | 09/25/2018 01:04 PM |                                   |
| 3591 | rtl-sdr                         | Bug     | New    | Normal   | No Way To Detect Occasional Failed Bulk Transfers                               |          | 09/25/2018 01:29 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 |                                   |
| 3622 | libosmo-abis                    | Bug     | New    | Normal   | Clear API mess in sign_link_up callback   | pespin   | 10/02/2018 07:34 PM |                                   |
| 3629 | OsmocomBB                       | Bug     | New    | Normal   | mobile aborting after 'test re-selection 1' on vty                              |          | 10/04/2018 02:58 PM |                                   |
| 3642 | OsmoBSC                         | Bug     | New    | Low      | logging filter imsi leaks bsc_subscr references                                 |          | 10/09/2018 10:04 PM |                                   |
| 3652 | OsmocomBB                       | Bug     | New    | Normal   | Incorrect IMEISV setting in mobile application                                  |          | 10/12/2018 08:20 PM |                                   |
| 3653 | OsmocomBB                       | Bug     | New    | Normal   | FACCH/H sometimes not received by BTS with osmocomBB+motorolaCXX                |          | 10/22/2018 02:37 PM | Related to #5518                  |
| 3663 | gr-osmosdr                      | Bug     | New    | Normal   | Can't compile gr-osmosdr on macOS Mojave  |          | 10/19/2018 02:37 PM |                                   |
| 3676 | OsmoGSMTester                   | Bug     | New    | Normal   | ofono: org.ofono.ConnectionManager property Bearer returning "none"             |          | 06/09/2020 08:39 PM |                                   |
| 3689 | OsmoSGSN                        | Bug     | New    | Normal   | Support Cisco GGSN (Cisco 7200 with IOS 12.4.x)                                 |          | 04/09/2019 11:21 AM |                                   |
| 3694 | Cellular Network Infrastructure | Bug     | New    | Low      | Fix lintian warnings in .deb packages   |          | 07/18/2019 05:20 AM | Related to #3699                  |
| 3696 | OsmoSGSN                        | Bug     | New    | Normal   | Intermittent Connection Drop  |          | 01/08/2020 10:48 PM |                                   |
| 3712 | SIMtrace 2                      | Bug     | New    | Low      | TRACE_FATAL not printing  | laforge  | 04/06/2021 01:28 AM |                                   |

| #    | Project                      | Tracker | Status | Priority | Subject   | Assignee  | Updated             | Related issues  |
|------|------------------------------|---------|--------|----------|---|-----------|---------------------|---|
| 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                                   |
| 3731 | OsmoMGW                      | Bug     | New    | Normal   | TTCN3 TC_rtpem_selftest randomly fails  |           | 01/08/2020 10:18 PM |   |
| 3734 | gr-osmosdr                   | Bug     | New    | High     | Cannot compile gr-osmocom   |           | 12/16/2018 12:22 AM |   |
| 3737 | OsmoBSC                      | Bug     | New    | Low      | abort because unused lchan has non-null conn pointer, after AMR config error  |           | 05/08/2019 03:35 PM |   |
| 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 |   |
| 3741 | osmo-sip-connector           | Bug     | New    | Normal   | Unknow call parameters shown in vty   |           | 12/28/2018 02:01 PM |   |
| 3763 | osmo-sip-connector           | Bug     | New    | Normal   | Implement correct handling for call answered elsewhere  |           | 01/22/2019 01:03 PM |   |
| 3776 | OP25                         | Bug     | New    | Normal   | Build fail using gcc version 7.3.0 Ubuntu 18.04.1 LTS   |           | 07/05/2019 07:12 PM |   |
| 3780 | OsmoBTS                      | Bug     | New    | Low      | existing test suite doesn't catch wrong measurement processing  | dexter    | 10/26/2020 09:56 PM |   |
| 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 |
| 3786 | OsmoBSC                      | Bug     | New    | Low      | Assignment Request modifies conn->lcls state before the Assignment is successful  |           | 01/08/2020 10:25 PM |   |
| 3787 | OsmoBSC                      | Bug     | New    | Low      | Assignment Request modifies conn->codec_list before the Assignment is successful  |           | 01/08/2020 10:25 PM | Related to #3833  |
| 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 |   |
| 3796 | OsmoBTS                      | Bug     | New    | Low      | OsmoBTS doesn't send proper cause values in NACK  |           | 07/18/2019 06:04 AM | Related to #3796  |
| 3797 | rtl-sdr                      | Bug     | New    | Normal   | Exits with "Bus error"  |           | 02/12/2019 02:28 PM |   |
| 3814 | OsmoBSC                      | Bug     | New    | Normal   | MS Power Control Problem with Osmo-BSC and nanoBTS  |           | 02/24/2019 01:15 AM |   |
| 3815 | SIMtrace 2                   | Bug     | New    | Normal   | simtrace2 fails USB-IF CH9 test   | Hoernchen | 05/12/2020 07:24 PM |   |
| 3817 | SDR (Software Defined Radio) | Bug     | New    | Normal   | Unable to use fosphor display on Ubuntu 18.10   |           | 02/26/2019 06:56 PM |   |
| 3820 | OsmoHNBGW                    | Bug     | New    | Normal   | osmo-hnbgw does not properly do RANAP RESET and RESET ACK on the link towards MSC and SGSN  |           | 05/13/2021 12:01 PM | Related to #3944  |
| 3822 | OsmoMGW                      | Bug     | New    | Low      | conn mode "sendonly" behaves identically to "sendrecv"  |           | 03/04/2019 09:34 PM |   |
| 3829 | OsmoMSC                      | Bug     | New    | Normal   | osmo-msc expects aoip TLV in Assignment Complete messages from BSC  |           | 03/07/2019 08:30 PM |   |
| 3841 | OsmoBSC                      | Bug     | New    | Low      | cosmetic: tearing down the old lchan after inter-BSC handover always goes through RELEASE_AFTER_ERROR (instead of normal release) | neels     | 05/08/2019 05:43 PM |   |
| 3849 | OsmoMGW                      | Bug     | New    | Normal   | race condition problem in rtp flow tests of the ttcn3 testsuite   |           | 09/04/2019 09:26 AM |   |



| #    | Project       | Tracker | Status | Priority | Subject   | Assignee | Updated             | Related issues                                     |
|------|---------------|---------|--------|----------|---|----------|---------------------|--|
| 3855 | gr-osmosdr    | Bug     | New    | Normal   | Cannot build gr-osmosdr with Gnuradio 3.8                                     | horiz0n  | 07/13/2020 10:05 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                              |
| 3880 | OsmoMSC       | Bug     | New    | Normal   | GSUP MT-ForwardSM Message Reference - wrong value in a response               |          | 04/01/2019 07:47 AM |  |
| 3882 | gr-osmosdr    | Bug     | New    | Normal   | Cannot compile gr-osmosdr!  | horiz0n  | 07/18/2019 05:35 AM |  |
| 3909 | libosmocore   | Bug     | New    | Normal   | osmo_get_rand_id() fails in containerised environment                         |          | 03/24/2021 12:34 PM | Related to #3909                                   |
| 3917 | OsmoGSMTester | Bug     | New    | Normal   | ofono: update debian packages to match our dependencies                       |          | 04/06/2020 11:30 AM |  |
| 3923 | OsmoSGSN      | Bug     | New    | Normal   | lu: Respond to SecurityCommandReject messages                                 |          | 04/24/2019 08:26 AM | Related to #3923                                   |
| 3929 | OsmoPCU       | Bug     | New    | Normal   | Missing PCU_Tests.ttcn link adaptation tests                                  | pespin   | 06/17/2020 08:32 AM | Related to #3929                                   |
| 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                                   |
| 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 |  |
| 3949 | OsmoTRX       | Bug     | New    | Normal   | osmo-trx-lms: improve runtime gain setting (missing calibration)              |          | 09/30/2020 08:08 PM | Related to #4468                                   |
| 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 |
| 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                              |
| 3980 | OsmoMGW       | Bug     | New    | Normal   | Clear Command before CRCX OK may leak MGW endpoint                            |          | 05/06/2019 10:11 PM |  |
| 3981 | OsmoTRX       | Bug     | New    | Normal   | osmo-trx-lms: Overruns appear from time to time                               |          | 09/30/2020 08:08 PM | Related to #3981                                   |
| 3983 | libosmocore   | Bug     | New    | Normal   | osmo_fsm_inst_change_parent() forgets to talloc reparent                      |          | 03/24/2021 12:35 PM |  |
| 3992 | OsmoMSC       | Bug     | New    | Normal   | inter-MSC handover for signalling-only?                                       |          | 05/09/2019 11:39 AM |  |
| 4004 | OsmoMSC       | Bug     | New    | Low      | lu_fsm_priv.rej_cause is never used   | neels    | 11/21/2023 02:37 AM |  |
| 4009 | OsmoBTS       | Bug     | New    | Normal   | Channel Activation starts SACCH too early in Synchronous Handover             |          | 03/11/2022 12:44 PM | Related to #4009,Related to #4010,Related to #4009 |
| 4017 | OsmoMSC       | Bug     | New    | Normal   | MSC fails to handle calls   |          | 05/29/2019 04:56 PM |  |
| 4018 | OsmoPCU       | Bug     | New    | Normal   | investigate ordering of includes paths  |          | 05/23/2019 10:59 AM |  |
| 4019 | OsmoPCU       | Bug     | New    | Normal   | implement a command to show all informations from the bts                     |          | 11/25/2020 07:33 PM |  |
| 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                  |
| 4041 | SIMtrace 2    | Bug     | New    | Normal   | implement SIMTRACE_CMD_BD_BOARD_INFO  | laforge  | 12/06/2019 01:38 PM | Related to #4041                                   |

| #    | Project                         | Tracker | Status | Priority | Subject  | Assignee  | Updated             | Related issues                    |
|------|---------------------------------|---------|--------|----------|--|-----------|---------------------|-----------------------------------|
| 4069 | Cellular Network Infrastructure | Bug     | New    | Low      | Implement IPA PING/PONG mechanism everywhere   | osmith    | 02/06/2021 02:27 PM | Related to #4072                  |
| 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                  |
| 4082 | OsmoBTS                         | Bug     | New    | Normal   | OML: Unknown/unhandled PCHAN type: 0 NONE  |           | 11/18/2019 10:09 AM |                                   |
| 4098 | gr-osmosdr                      | Bug     | New    | Normal   | [BladeRF micro] Arguments set in osmocom Sink and Source are not passed to libbladerf  | horiz0n   | 07/18/2019 05:35 AM |                                   |
| 4104 | libosmocore                     | Bug     | New    | Normal   | support for KASME generation   | laforge   | 07/12/2019 10:15 AM | Related to #4105                  |
| 4108 | Cellular Network Infrastructure | Bug     | New    | Low      | osmo-ctrl2cgi, osmo-trap2cgi: missing default configs  |           | 07/16/2019 12:30 PM | Related to #4108                  |
| 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 |
| 4130 | OP25                            | Bug     | New    | Normal   | OP25 User Interface  |           | 07/26/2019 02:36 AM |                                   |
| 4141 | Cellular Network Infrastructure | Bug     | New    | Normal   | No osmux specific code in place during codec negotiation   |           | 08/05/2019 03:57 PM |                                   |
| 4149 | libosmocore                     | Bug     | New    | Normal   | osmo_fsm allows event names to have spaces in them   | laforge   | 01/25/2022 09:53 AM |                                   |
| 4153 | OsmoMGW                         | Bug     | New    | Normal   | 3G voice broken with ALu 9361 femto  |           | 04/25/2022 05:43 PM |                                   |
| 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                  |
| 4161 | OsmoGGSN (former OpenGGSN)      | Bug     | New    | Normal   | Implement pdp idle timer   | pespin    | 08/20/2019 06:30 PM | Related to #4161                  |
| 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 |                                   |
| 4172 | OsmoGGSN (former OpenGGSN)      | Bug     | New    | Normal   | osmoggsn crashes when stopping   |           | 08/29/2019 11:35 AM |                                   |
| 4174 | osmo-fl2k                       | Bug     | New    | Normal   | After the latest commits, the fl2k tools do not exit on first SIGINT   |           | 08/25/2019 04:57 PM |                                   |
| 4222 | OsmoSGSN                        | Bug     | New    | High     | Implement PS Paging for the Routing Areas  |           | 10/03/2020 02:20 PM | Related to #4222                  |
| 4265 | libosmocore                     | Bug     | New    | Normal   | --enable-embedded doesn't work as expected   |           | 11/12/2019 11:18 AM |                                   |
| 4274 | OsmoSTP                         | Bug     | New    | Normal   | AS Name isn't displayed  |           | 03/14/2024 10:33 AM |                                   |
| 4303 | OsmoHLR                         | Bug     | New    | Low      | various minor issues about evaluation of rc = db_subscr_get_by_*(())   |           | 12/03/2019 11:02 PM |                                   |
| 4304 | libosmocore                     | Bug     | New    | Low      | missing unit tests for many gsm48_{encode,decode} functions  |           | 12/04/2019 01:50 PM |                                   |
| 4310 | osmo-sip-connector              | Bug     | New    | Normal   | sends BYE to self  |           | 01/09/2020 09:21 AM |                                   |
| 4312 | OsmoHLR                         | Bug     | New    | High     | GSUP keepalives / connection loss detection  |           | 10/12/2020 02:42 PM |                                   |
| 4317 | osmo-pcap                       | Bug     | New    | Low      | external tests not enabled in jenkins.sh   |           | 12/10/2019 02:42 PM |                                   |
| 4325 | gr-osmosdr                      | Bug     | New    | Normal   | can't open hackrf_sink with device index   |           | 12/13/2019 09:18 AM |                                   |

| #    | Project                        | Tracker | Status | Priority | Subject  | Assignee | Updated             | Related issues                    |
|------|--------------------------------|---------|--------|----------|--|----------|---------------------|-----------------------------------|
| 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                  |
| 4352 | osmo-sip-connector             | Bug     | New    | Normal   | Need to handle 401 Unauthorized  |          | 01/09/2020 02:03 PM |                                   |
| 4354 | OsmocomBB                      | Bug     | New    | Low      | update wiki about GTM-900B compatibility   | laforge  | 09/30/2020 11:38 PM |                                   |
| 4359 | gr-osmosdr                     | Bug     | New    | Normal   | Compiling from Git Bramcj gr3.8 fails  |          | 01/12/2020 05:08 PM |                                   |
| 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 |                                   |
| 4366 | OsmoTRX                        | Bug     | New    | Normal   | Create testsuite to test osmo-bts-trx+osmo-trx under high channel load (w/ RACH correlation)       | pespin   | 01/15/2020 01:59 PM | Related to #4366                  |
| 4417 | IMSI Pseudonymization          | Bug     | New    | Normal   | Applet: LU counter should only increase on successful location update                              |          | 04/16/2020 08:45 AM | Related to #4478                  |
| 4427 | rtl-sdr                        | Bug     | New    | Normal   | docker + rtl_sdr issue   |          | 02/29/2020 01:16 PM |                                   |
| 4430 | SIMtrace 2                     | Bug     | New    | Normal   | firmware can get in endless out-of-memory loop on OUT EP flood                                     | laforge  | 11/14/2022 11:46 PM |                                   |
| 4432 | OsmoMGW                        | Bug     | New    | Normal   | for 'domain **', mgw should echo the domain of the MGCP client                                     |          | 03/04/2020 12:39 AM |                                   |
| 4440 | OsmoBTS                        | Bug     | New    | Normal   | osmo_bts_virtual doesn't detect if mobile/virtphy is gone  | laforge  | 03/07/2020 03:44 PM |                                   |
| 4443 | libosmocore                    | Bug     | New    | Normal   | CTRL interface blocks wildcard in rate_ctr   |          | 03/08/2020 01:06 PM | Related to #4443,Related to #4443 |
| 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                  |
| 4447 | OsmoMGW                        | Bug     | New    | Normal   | DSCP value should be a 6 bit field   | osmith   | 03/09/2020 04:50 PM | Related to #4447                  |
| 4451 | OsmoMSC                        | Bug     | New    | Normal   | vty 'show stats level': different stats levels yield identical results                             |          | 03/09/2020 10:10 PM |                                   |
| 4457 | libosmo-sccp + libosmo-sigtran | Bug     | New    | Normal   | editing the SCCP address book (global-title) on a running instance may crash the application       |          | 03/17/2020 11:17 PM |                                   |
| 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 |                                   |
| 4480 | IMSI Pseudonymization          | Bug     | New    | Normal   | Applet/OsmoMSC: fix or workaround for OsmoMSC only paging attached MS                              |          | 04/16/2020 08:45 AM | Related to #4480                  |
| 4484 | gr-osmosdr                     | Bug     | New    | Normal   | CMakeFiles.txt   |          | 04/06/2020 05:19 PM |                                   |
| 4491 | OsmoHLR                        | Bug     | New    | Low      | Cancel in old VLR/SGSN, if new VLR/SGSN differs from old   |          | 04/15/2020 12:29 PM |                                   |
| 4513 | rtl-sdr                        | Bug     | New    | Normal   | PKG information broken   |          | 04/26/2020 03:21 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                  |
| 4552 | OsmoMGW                        | Bug     | New    | Normal   | ip-probing issue with BTS connection - no rebinding to a correct IP address                        |          | 05/14/2020 11:18 PM |                                   |
| 4553 | OsmoBSC                        | Bug     | New    | Normal   | OsmoBSC doesn't handle RESET IP RESOURCE BSSMAP message  |          | 05/16/2020 07:44 PM |                                   |
| 4554 | OsmoMGW                        | Bug     | New    | Normal   | Clean up stale endpoints after OsmoBSC crash   |          | 05/16/2020 08:52 PM |                                   |
| 4557 | OsmoMSC                        | Bug     | New    | Normal   | normal BSSMAP Clear Command from MSC contains cause == 0 meaning "Radio interface message failure" |          | 05/20/2020 07:17 PM |                                   |

| #    | Project                         | Tracker | Status | Priority | Subject  | Assignee  | Updated             | Related issues  |
|------|---------------------------------|---------|--------|----------|--|-----------|---------------------|---|
| 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 |   |
| 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 |   |
| 4578 | Cellular Network Infrastructure | Bug     | New    | High     | Updated slides / presentations / videos on setting up Osmocom CNI  | laforge   | 02/13/2021 05:35 PM |   |
| 4579 | OsmoBTS                         | Bug     | New    | Normal   | add IPv6 support   |           | 02/12/2021 12:26 PM |   |
| 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 |   |
| 4599 | OsmoSGSN                        | Bug     | New    | Normal   | counter group sgsn:pdpcx already exists for index X, instead using Y                                       |           | 09/09/2020 10:05 AM | Related to #4604  |
| 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 |
| 4605 | OsmoSGSN                        | Bug     | New    | High     | GMM_ATTACH_REQ_FSM: Event E_AUTH_RESP_RECV_SUCCESS not permitted   | lynxis    | 06/13/2020 06:16 PM | Related to #4605  |
| 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 |   |
| 4630 | OsmoBTS                         | Bug     | New    | Low      | osmo-bts: GSMTAP DL (tx) messages use hardcoded signal level 0   |           | 10/05/2022 09:11 AM |   |
| 4631 | OsmoSGSN                        | Bug     | New    | Low      | packet/byte counters don't work for 3G   |           | 06/24/2020 06:58 AM |   |
| 4637 | OsmoTRX                         | Bug     | New    | Normal   | limesdr usb gain setting changes break gsm phasenoise constraints  |           | 06/29/2020 04:43 PM |   |
| 4642 | OsmoNITB                        | Bug     | New    | Low      | Attempting to set illegal id for FSM instance of type 'OM2000-MO'  |           | 07/03/2020 06:40 PM |   |
| 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 |   |
| 4647 | OsmoBSC                         | Bug     | New    | Low      | Getting attributes from BTS0 type nokia_site is not supported.   |           | 07/04/2020 09:05 AM |   |
| 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 |   |
| 4653 | SDR (Software Defined Radio)    | Bug     | New    | Normal   | cannot import name 'fosphor'   |           | 07/07/2020 02:39 AM |   |
| 4660 | OsmoMSC                         | Bug     | New    | Normal   | GSM AUTH failure: mismatching sres - with module TRM-5 ext   |           | 07/12/2020 08:01 PM |   |
| 4677 | SDR (Software Defined Radio)    | Bug     | New    | Normal   | fopher crash on OSX with Qt  |           | 07/27/2020 03:27 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                                   |
| 4685 | SDR (Software Defined Radio)    | Bug     | New    | Normal   | Can't compile libusrp  |           | 08/04/2020 08:52 AM |   |
| 4691 | OsmoMSC                         | Bug     | New    | Low      | setfault in osmo_sockaddr_str_is_set() via call_leg_ensure_ci()  |           | 02/06/2021 09:47 AM |   |

| #    | Project                         | Tracker | Status | Priority | Subject   | Assignee  | Updated             | Related issues   |
|------|---------------------------------|---------|--------|----------|---|-----------|---------------------|------------------|
| 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 |                  |
| 4720 | rtl-sdr                         | Bug     | New    | Normal   | rtl_power reports invalid values  |           | 08/19/2020 02:47 PM |                  |
| 4745 | OsmoMGW                         | Bug     | New    | Low      | osmo-mgw: Wrong IP address returned in SDP "o=" section   |           | 10/05/2022 11:00 AM |                  |
| 4746 | libosmocore                     | Bug     | New    | Normal   | gb: NS2: implement a NSE based logfilter  |           | 11/14/2020 08:42 AM |                  |
| 4749 | OsmoGGSN (former OpenGGSN)      | Bug     | New    | Normal   | Unknown/Unimplemented PCO Protocol  |           | 02/09/2022 01:26 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 |                  |
| 4764 | OsmoMSC                         | Bug     | New    | Normal   | make sure Assignment times out, always  |           | 09/23/2020 02:08 PM |                  |
| 4766 | OsmoBSC                         | Bug     | New    | Normal   | pcu interface: add app info request   |           | 09/26/2020 10:21 PM |                  |
| 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 |                  |
| 4776 | osmo-ccid-firmware              | Bug     | New    | Normal   | Reader does not answer to GET CLOCK FREQUENCIES command   | Hoernchen | 10/03/2020 07:31 PM |                  |
| 4777 | osmo-ccid-firmware              | Bug     | New    | Normal   | Reader does not answer to GET DATA RATES command  | Hoernchen | 10/14/2020 02:36 PM |                  |
| 4781 | osmo-qcdiag                     | Bug     | New    | High     | get hoernchen/gsmtap branch merged  | Hoernchen | 10/06/2020 03:18 PM |                  |
| 4783 | libosmocore                     | Bug     | New    | Low      | doxygen: duplicate 'ports.h' warning  |           | 10/07/2020 01:29 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 |                  |
| 4814 | osmo-clock-gen                  | Bug     | New    | Low      | alignment of DC barrel with face plate  | mschramm  | 10/16/2020 05:30 PM | Related to #4814 |
| 4825 | OsmoSGSN                        | Bug     | New    | Normal   | security command is missing sometimes   |           | 10/22/2020 02:40 AM |                  |
| 4827 | OsmoBTS                         | Bug     | New    | Normal   | OsmoBTS VTY is lacking various vital information  |           | 10/23/2020 07:14 PM |                  |
| 4834 | OsmocomBB                       | Bug     | New    | Normal   | package cp210x-program as part of network:osmocom:{nightly,latest}  | osmith    | 10/26/2020 06:01 PM |                  |
| 4847 | OsmoPCU                         | Bug     | New    | Normal   | fix LLC-DISCARD behaviour   |           | 11/04/2020 02:37 AM | Related to #4847 |
| 4858 | OsmoBSC                         | Bug     | New    | Normal   | handover CHANnel ACTIVation: BSC sends timing advance for lchan activation in a different cell                    |           | 11/10/2020 05:41 PM |                  |
| 4863 | OsmoMSC                         | Bug     | New    | Low      | T3212 is unclear in config/vty  |           | 11/19/2020 06:10 PM |                  |
| 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 |
| 4883 | Cellular Network Infrastructure | Bug     | New    | Normal   | update OsmoNITB migration guide   | neels     | 12/01/2020 08:32 AM |                  |
| 4884 | OsmoBSC                         | Bug     | New    | Normal   | RLL_REL_IND is recieved after RF_CHAN_REL   |           | 12/02/2020 11:51 AM |                  |
| 4885 | libosmocore                     | Bug     | New    | Normal   | configure doesn't check for python3   |           | 12/02/2020 03:36 AM |                  |
| 4886 | OsmoSGSN                        | Bug     | New    | Normal   | UE does not connect data when moving from 2G->3G  |           | 12/04/2020 01:29 AM |                  |

| #    | Project                        | Tracker | Status | Priority | Subject  | Assignee  | Updated             | Related issues                                     |
|------|--------------------------------|---------|--------|----------|--|-----------|---------------------|--|
| 4897 | osmo-gbproxy                   | Bug     | New    | Normal   | gbproxy2: Re-introduce handling of NS_AFF_CAUSE_FAILURE  | daniel    | 03/10/2021 02:49 PM | Related to #4897,Related to #4952,Related to #5040 |
| 4908 | libosmocore                    | Bug     | New    | Normal   | Errors compiling with -std=c++14   |           | 03/01/2021 03:38 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                                   |
| 4926 | OsmoHNBGW                      | Bug     | New    | Normal   | nano3G disconnect / reconnect cycle with SCTP multi-homing   |           | 01/04/2021 11:38 AM | Related to #4926                                   |
| 4930 | OsmoBSC                        | Bug     | New    | Normal   | bsc: cbc: vty: "no remote-ip" in cbc > client  |           | 12/31/2020 10:42 PM |  |
| 4933 | OsmoHNBGW                      | Bug     | New    | Low      | Femtocell choice in U.K 2021/01  |           | 03/09/2024 07:09 PM |  |
| 4942 | gr-osmosdr                     | Bug     | New    | Normal   | XTRX: Unable to compile due to error   | RFNOD     | 01/12/2021 08:29 PM |  |
| 4950 | gr-osmosdr                     | Bug     | New    | Normal   | gr-osmosdr doesn't find iqbalance during build   |           | 02/22/2021 02:46 AM |  |
| 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                                   |
| 4972 | OsmoMSC                        | Bug     | New    | Normal   | manual: the MNCC protocol is outdated (RTP)  |           | 01/24/2021 05:58 PM |  |
| 4985 | OsmoBTS                        | Bug     | New    | Normal   | AMR RTP CMR of downlink frames not used to influence CMC   |           | 01/28/2021 01:35 PM |  |
| 4993 | libosmocore                    | Bug     | New    | Low      | gsm_septets2octets: warning: use of NULL 'rdata' where non-null expected [CWE-690] [-Wanalyzer-null-argument]            | fixeria   | 01/29/2021 08:49 PM |  |
| 5008 | gr-osmosdr                     | Bug     | New    | Normal   | Quoted whitespace parsing problem in source_impl::source_impl  |           | 02/04/2021 02:16 AM |  |
| 5011 | Core testing infrastructure    | Bug     | New    | Normal   | Warning about unrecognized escape sequence in Osmocom_CTRL_Types   |           | 02/05/2021 11:21 AM |  |
| 5015 | libosmocore                    | Bug     | New    | Low      | ns2: add consistency check for ns configuration as callback  |           | 03/29/2021 09:17 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 |  |
| 5029 | libosmocore                    | Bug     | New    | Normal   | vty: optional cases with multiple arguments is undefined behaviour   |           | 02/18/2021 05:44 PM |  |
| 5031 | OsmoSDR                        | Bug     | New    | Normal   | Please switch to gr-funcube  |           | 06/17/2021 09:23 AM |  |
| 5035 | libosmocore                    | Bug     | New    | Low      | ns2: add a vty to drop a sns connection  |           | 03/29/2021 09:16 PM |  |
| 5044 | OsmoMGW                        | Bug     | New    | Low      | potential null pointer dereferences  | pespin    | 02/24/2021 11:48 AM |  |
| 5050 | OsmoTRX                        | Bug     | New    | Normal   | How can I solve limesdr mini clock problem with osmocom ?  |           | 02/27/2021 01:55 PM |  |
| 5057 | OsmoMSC                        | Bug     | New    | High     | Can only send a maximum of 15 SMPP messages?   | Hoernchen | 09/15/2021 09:53 AM |  |
| 5117 | OsmoSDR                        | Bug     | New    | Normal   | Error building gr-osmosdr with libhackrf   |           | 04/15/2021 07:56 AM |  |
| 5120 | rtl-sdr                        | Bug     | New    | Normal   | rtlsdr_demod_write_reg failed with -9  |           | 04/18/2021 08:55 PM |  |
| 5144 | gr-osmosdr                     | Bug     | New    | High     | Support multiple Airspy devices  | horiz0n   | 10/21/2023 07:22 PM |  |
| 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 |  |
| 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                                   |

| #    | Project                         | Tracker | Status | Priority | Subject  | Assignee  | Updated             | Related issues                    |
|------|---------------------------------|---------|--------|----------|--|-----------|---------------------|-----------------------------------|
| 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 |
| 5178 | OsmoTRX                         | Bug     | New    | Normal   | LimeNET Micro clock error  | Hoernchen | 09/15/2021 09:42 AM |                                   |
| 5179 | libosmocore                     | Bug     | New    | Normal   | gprs_ns2: use refcounting for the NSE  | lynxis    | 06/13/2021 03:08 AM |                                   |
| 5188 | Cellular Network Infrastructure | Bug     | New    | Normal   | BSSMAP Cell Identifier IE vs. Cell Identifier List IE: difference in allowed cell id types                 | neels     | 08/23/2022 04:24 PM |                                   |
| 5190 | OsmoBSC                         | Bug     | New    | Low      | segfault with osmo-e1d   |           | 09/15/2021 09:34 AM |                                   |
| 5196 | OsmoMSC                         | Bug     | New    | Normal   | Verify several "event not permitted" log lines in unit tests   | neels     | 08/23/2022 04:08 PM |                                   |
| 5197 | OsmoMSC                         | Bug     | New    | Normal   | msc_i Unimplemented msg type: HANDOVER PERFORMED   | neels     | 08/23/2022 04:05 PM |                                   |
| 5202 | OsmocomBB                       | Bug     | New    | Normal   | [Assert failed rc >= 0 l1ctl.c:83] cell_log crashes (mostly) when monitoring specific ARFCN                |           | 07/25/2021 01:38 PM |                                   |
| 5212 | OsmoPCU                         | Bug     | New    | Low      | apparently T3193 is by default not set to its defined default value  | pespin    | 11/15/2021 07:13 PM |                                   |
| 5218 | gr-osmosdr                      | Bug     | New    | Normal   | compilation fails: "no matching function for call to fcd_source_c::connect"                                |           | 09/05/2021 10:58 PM |                                   |
| 5220 | rtl-sdr                         | Bug     | New    | Normal   | Undefined reference to libusb_dev_mem_free   | steve-m   | 08/31/2021 09:21 AM |                                   |
| 5227 | OsmoPCU                         | Bug     | New    | Normal   | osmo-pcu: Attempt recovery of TBF when one of its assigned PDCH TS becomes disabled                        | pespin    | 10/18/2021 10:12 AM |                                   |
| 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 |                                   |
| 5246 | OsmoBSC                         | Bug     | New    | Low      | sigsegv in bts_count_free_ts()   | keith     | 10/03/2021 08:08 PM | Related to #5324                  |
| 5247 | Osmocom Analog                  | Bug     | New    | Normal   | AMPS Segmentation fault  | jolly     | 10/04/2021 11:48 PM |                                   |
| 5257 | OsmoBTS                         | Bug     | New    | High     | support random padding in SACCH downlink messages  |           | 10/12/2021 11:18 AM | Related to #5257                  |
| 5277 | libosmocore                     | Bug     | New    | Normal   | ns2: Allow SNS-CONFIG PDUs from unknown endpoints during config procedure                                  | lynxis    | 10/22/2021 02:28 PM |                                   |
| 5298 | gr-osmosdr                      | Bug     | New    | Normal   | object has no attribute 'pyqwidget' on arch linux  |           | 11/09/2021 01:25 AM |                                   |
| 5300 | OsmoPCU                         | Bug     | New    | Normal   | osmo-pcu: SUSPEND-NACK not implemented   |           | 03/31/2022 02:59 PM |                                   |
| 5304 | OsmoHNBGW                       | Bug     | New    | Low      | Verizon CDMA femtocell   |           | 03/09/2024 07:09 PM |                                   |
| 5305 | OsmocomBB                       | Bug     | New    | Normal   | Burst capture  |           | 11/10/2021 06:38 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 |                                   |
| 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 |                                   |
| 5313 | OsmoMGW                         | Bug     | New    | Normal   | libosmo-mgcp-client-dbg specific package not generated for debian  |           | 11/16/2021 03:57 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 |                                   |
| 5340 | OsmoMSC                         | Bug     | New    | Normal   | ttcn3-msc-test: more memory leaks  | fixeria   | 05/15/2022 04:47 PM |                                   |

| #    | Project                                      | Tracker | Status | Priority | Subject   | Assignee | Updated             | Related issues                     |
|------|--|---------|--------|----------|---|----------|---------------------|------------------------------------|
| 5346 | libosmocore                                  | Bug     | New    | Low      | osmo-release.sh doesn't work with %{sover} macro in spec.in                                       | pespin   | 12/09/2021 12:03 PM |                                    |
| 5352 | gr-osmosdr                                   | Bug     | New    | Normal   | ImportError: generic_type: type "sink" referenced unknown base type "gr::hier_block2"             |          | 12/11/2021 08:19 AM |                                    |
| 5356 | libosmo-abis                                 | Bug     | New    | Normal   | libosmo-abis: osmo_rtp_socket_connect() not calling connect() on sockets                          |          | 12/13/2021 12:50 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                   |
| 5378 | erlang/osmo_ss7                              | Bug     | New    | Normal   | ipa: add support for client application   | laforge  | 01/05/2022 08:36 PM |                                    |
| 5380 | osmo-ccid-firmware                           | Bug     | New    | Normal   | Incorrect answer to PC_to_RDR_SetParameters CCID command  |          | 01/16/2022 08:55 PM |                                    |
| 5381 | E1/T1 Hardware Interface (including icE1usb) | Bug     | New    | Low      | icE1usb DAHDI driver: generate YELLOW alarm towards peer  | laforge  | 01/02/2022 12:16 PM | Related to #5381, Related to #5381 |
| 5382 | E1/T1 Hardware Interface (including icE1usb) | Bug     | New    | Low      | icE1usb: detect all-1 pattern and report as BLUE alarm  |          | 01/02/2022 12:17 PM | Related to #5382                   |
| 5386 | osmo-e1d                                     | Bug     | New    | Low      | stop watchdog when LOS is present   | laforge  | 01/05/2022 08:38 PM |                                    |
| 5388 | OsmocomDECT                                  | Bug     | New    | Low      | {MM-INFO-SUGGEST} message not sent with ext bit set to 0  |          | 01/09/2022 12:28 PM |                                    |
| 5389 | OsmocomDECT                                  | Bug     | New    | Low      | Namespace clashes between kernel and userspace  |          | 01/09/2022 12:30 PM |                                    |
| 5392 | OsmocomDECT                                  | Bug     | New    | High     | Sliding collision errors  |          | 01/09/2022 12:44 PM |                                    |
| 5393 | OsmocomDECT                                  | Bug     | New    | High     | tipc problems while building on Ubuntu  |          | 01/09/2022 12:48 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 |                                    |
| 5396 | OsmocomDECT                                  | Bug     | New    | High     | TcpDump/WireShark will not build with libpcap(dect)   |          | 01/09/2022 12:57 PM |                                    |
| 5398 | OsmoSGSN                                     | Bug     | New    | Normal   | Null pointer access at "uctx" in ranap_iu_tx  | pespin   | 01/10/2022 01:14 PM |                                    |
| 5402 | E1/T1 Hardware Interface (including icE1usb) | Bug     | New    | Normal   | no2e1 gateway improvements  |          | 01/13/2022 12:02 PM |                                    |
| 5415 | SIMtrace 2                                   | Bug     | New    | Normal   | cardem: watchdog triggers firmware reset  | lynxis   | 02/15/2022 08:07 PM |                                    |
| 5423 | SIMtrace 2                                   | Bug     | New    | Low      | "trace" firmware continuous test setup  |          | 01/27/2022 12:24 PM |                                    |
| 5425 | gr-osmosdr                                   | Bug     | New    | High     | Problem receiving samples using dual receivers with BladeRF                                       |          | 01/29/2022 04:22 AM |                                    |
| 5433 | OCTOI - Osmocom Community TDM over IP        | Bug     | New    | Normal   | forwarding of TS0 / Alarms  |          | 01/30/2022 11:02 AM |                                    |
| 5445 | gr-osmosdr                                   | Bug     | New    | Normal   | Please switch to the gr-funcube   |          | 02/15/2022 11:56 PM |                                    |
| 5448 | gr-osmosdr                                   | Bug     | New    | Low      | a bug related to gqrx using gr-osmosdr for sdrplay rsp1 through soapy(?)                          |          | 02/09/2022 02:56 AM |                                    |
| 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 |                                    |
| 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                    |
|------|---------------------------------------|---------|--------|-----------|--|-----------|---------------------|-----------------------------------|
| 5462 | osmo-sip-connector                    | Bug     | New    | Normal    | Contact Header Missing - Way Forward?  |           | 02/21/2022 05:51 AM |                                   |
| 5474 | OsmoBTS                               | Bug     | New    | Normal    | osmo-bts-trx: DTxd support not implemented   |           | 03/02/2022 05:06 PM | Related to #5474,Related to #5474 |
| 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 |                                   |
| 5492 | OsmoBSCNAT                            | Bug     | New    | Normal    | Support MSC pooling  | osmith    | 04/11/2022 08:19 AM |                                   |
| 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 |                                   |
| 5509 | OsmoSGSN                              | Bug     | New    | Normal    | llc/pdu lifetime: add vty config option to define default lifetime                                       |           | 03/31/2022 04:11 PM |                                   |
| 5512 | Retronetworking                       | Bug     | New    | Low       | Idea: L1OIP driver for DAHDI   |           | 04/03/2022 11:46 AM |                                   |
| 5515 | OsmoBSC                               | Bug     | New    | Normal    | BSC_Tests: re-establishment: RA during CHAN RQD should reflect re-establishment                          |           | 04/06/2022 08:02 PM |                                   |
| 5517 | OsmoBTS                               | Bug     | New    | Normal    | ttcn3-bts-test: new sporadic test case failures  | fixeria   | 03/20/2023 11:45 PM |                                   |
| 5521 | osmo-e1d                              | Bug     | New    | Low       | don't attempt OCTOI connection of no TDM data from driver (icE1usb)                                      |           | 04/10/2022 05:28 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 |                                   |
| 5550 | pySim                                 | Bug     | New    | Normal    | EF.ARR file decoding would need to be context dependent  | chrysn    | 06/24/2022 08:50 AM |                                   |
| 5561 | libosmo-sccp + libosmo-sigtran        | Bug     | New    | Low       | pc=0=0.0.0 / RCOC-ERROR.ind not permitted  |           | 05/23/2023 06:20 AM |                                   |
| 5570 | libosmocore                           | Bug     | New    | Normal    | coding: decode in-band data in AMR's special DTX frames (SID_FIRST, SID_UPDATE, SID_ONSET)               | fixeria   | 05/24/2022 08:34 AM | Related to #5570                  |
| 5571 | Ericsson RBS 6xxx                     | Bug     | New    | High      | DUG can come up, but with Avail: "Power Off"   | dexter    | 11/08/2022 05:10 PM |                                   |
| 5573 | OsmoHNBGW                             | Bug     | New    | Normal    | osmo-hnbgw: RANAP LocationReportingControl not implemented   |           | 05/30/2022 02:05 PM |                                   |
| 5574 | OsmoBSCNAT                            | Bug     | New    | Urgent    | OsmoBSCNAT testsuite running in jenkins  | Hoernchen | 10/06/2022 11:46 AM | Related to #5574                  |
| 5576 | OsmoBTS                               | Bug     | New    | Normal    | osmo-bts not moving NM state "Enabled -> DisabledDependency" when Admin state becomes Locked             |           | 06/02/2022 10:38 AM |                                   |
| 5585 | OsmoCBC                               | Bug     | New    | Low       | CBC should not send WRITE-REPLACE to cells that had sent FAILURE   |           | 08/05/2022 04:58 PM |                                   |
| 5628 | osmo-remsim                           | Bug     | New    | Low       | client-st2: error messages when mapping is removed   |           | 07/24/2022 07:14 AM |                                   |
| 5644 | Osmocom Libraries                     | Bug     | New    | Normal    | Check library pkg-config files for proper dependencies   |           | 08/10/2022 01:02 PM | Related to #5644                  |
| 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 |
| 5672 | Misc Hardware Projects                | Bug     | New    | Normal    | sfp-experimenter / voltage swing of LVDS driver insufficient for SFP spec                                |           | 09/02/2022 03:27 PM |                                   |
| 5681 | Retronetworking                       | Bug     | New    | Normal    | Figure out suitable connectors for EKSOS   | laforge   | 07/31/2023 10:22 AM |                                   |
| 5683 | Osmocom Libraries                     | Bug     | New    | Immediate | How to install osmocom in China  |           | 09/18/2022 10:18 AM |                                   |
| 5699 | OsmoMSC                               | Bug     | New    | Normal    | MNCC_RTP_CREATE is not sent in a call waiting scenario   |           | 10/10/2022 06:46 PM |                                   |

| #    | Project                                      | Tracker | Status | Priority | Subject   | Assignee | Updated             | Related issues                                 |
|------|--|---------|--------|----------|---|----------|---------------------|--|
| 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                               |
| 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                               |
| 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 |  |
| 5726 | OsmoMGW                                      | Bug     | New    | Normal   | AMR octet-align in SDP: lack of 'octet-align' fmtp should imply octet-align=0, and the presence or absence of this fmtp should not have an effect |          | 12/12/2023 01:51 AM | Is duplicate of #5726                          |
| 5731 | gr-osmosdr                                   | Bug     | New    | High     | Install gr-osmosdr on Ubuntu 20.04  |          | 10/27/2022 01:39 PM |  |
| 5735 | osmo-e1d                                     | Bug     | New    | Normal   | ctl client disconnect doesn't re-set timeslot state   |          | 05/23/2023 06:19 AM |  |
| 5738 | Misc Hardware Projects                       | Bug     | New    | Normal   | Sim 800L module Connectivity  |          | 11/02/2022 06:55 PM |  |
| 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 |  |
| 5749 | Cellular Network Infrastructure              | Bug     | New    | Normal   | configure.ac: default CFLAGS, LT_INIT adds "-g -O2"   | fixeria  | 01/31/2023 08:12 PM |  |
| 5750 | Cellular Network Infrastructure              | Bug     | New    | Normal   | contrib/jenkins.sh: build with -Wunused-macros and -Wundef  |          | 11/08/2022 08:07 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 |
| 5764 | Cellular Network Infrastructure              | Bug     | New    | Normal   | GCC does not check format strings in LOGPFSM macros   |          | 11/11/2022 06:30 AM |  |
| 5773 | OsmoGGSN (former OpenGGSN)                   | Bug     | New    | Normal   | OsmoGGSN sends Direct Tunnel packets to the wrong IP address  |          | 11/17/2022 04:17 AM |  |
| 5818 | libosmocore                                  | Bug     | New    | Normal   | multithreaded logging causes lock contention and needs a rework   |          | 01/10/2024 09:05 AM |  |
| 5819 | Cellular Network Infrastructure              | Bug     | New    | Low      | Gerrit/gitiles: Parent links don't work   |          | 12/08/2022 01:28 PM |  |
| 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 |  |
| 5837 | OsmoHNBGW                                    | Bug     | New    | Normal   | osmo-juh: UE-REGISTER-REQ with uE_Identity type IMEI not implemented.   |          | 12/20/2022 03:43 PM |  |
| 5842 | OsmoBSC                                      | Bug     | New    | Normal   | ipa: investigate NSVC local and remote port configuration difference with wireshark dissector   |          | 12/22/2022 07:18 PM |  |
| 5843 | OsmoBSC                                      | Bug     | New    | Normal   | BTS features aren't reset after oml drop  |          | 12/22/2022 09:27 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 |  |
| 5850 | SDR (Software Defined Radio)                 | Bug     | New    | Normal   | OBS mingw builds not updated since 2019   | roox     | 01/04/2023 12:15 PM |  |

| #    | Project                               | Tracker | Status | Priority | Subject   | Assignee | Updated             | Related issues   |
|------|---------------------------------------|---------|--------|----------|---|----------|---------------------|------------------|
| 5851 | OsmoSGSN                              | Bug     | New    | Normal   | check if rate ctr GMM_CTR_PKTS_UDATA_IN is correct increased in sgsn_gtp_data_req() func            |          | 01/10/2023 06:40 PM |                  |
| 5852 | OsmoSGSN                              | Bug     | New    | Normal   | osmo-sgsn: Keep TLLI<->NSEI+BVCI relation knowledge in BSSGP layer                                  |          | 01/11/2023 03:08 PM |                  |
| 5864 | libosmocore                           | Bug     | New    | Normal   | Libosmocore: Fix order of config parsing output   |          | 02/04/2023 05:21 PM |                  |
| 5869 | OsmoHNBGW                             | Bug     | New    | Normal   | osmo-hnbgw ignores HNBAP HNB De-Register  |          | 01/21/2023 01:52 AM |                  |
| 5876 | OsmoHNBGW                             | Bug     | New    | Normal   | on HNBAP HNB Register, clear previous UE state if any   | neels    | 03/20/2023 01:27 PM |                  |
| 5878 | pySim                                 | Bug     | New    | Normal   | pySim shell: version fails with DistributionNotFound  | fixeria  | 10/06/2023 09:03 AM |                  |
| 5883 | OCTOI - Osmocom Community TDM over IP | Bug     | New    | Normal   | GPS sync sometimes goes to hold over  | tnt      | 01/30/2023 02:18 PM | Related to #5885 |
| 5887 | Cellular Network Infrastructure       | Bug     | New    | Low      | coverity: build everything in docker container and add CI   | osmith   | 02/01/2023 10:25 AM |                  |
| 5891 | osmo-remsim                           | Bug     | New    | Normal   | bankd: potential pthread deadlock reported by coverity  | laforge  | 02/03/2023 07:35 PM |                  |
| 5895 | OsmoBTS                               | Bug     | New    | Low      | LC15: Audio Quality Problem sometime after cf7a7fceb625a14fd764355c3b96fa86c77458c                  |          | 03/20/2023 11:37 PM |                  |
| 5899 | libosmo-sccp + libosmo-sigtran        | Bug     | New    | Low      | ttcn3-sccp-test-latest is actually running code from master, not latest                             | osmith   | 03/20/2023 01:18 PM |                  |
| 5915 | libosmocore                           | Bug     | New    | Low      | gprs: ns2: convert timers into osmo-timers  | jolly    | 12/17/2023 12:59 PM | Related to #5915 |
| 5918 | osmo-fl2k                             | Bug     | New    | Normal   | -flto broken in release   | steve-m  | 12/20/2023 08:43 PM |                  |
| 5919 | Core testing infrastructure           | Bug     | New    | Low      | osmo-python-tests: Update/fix README or setup process   | osmith   | 03/20/2023 10:17 AM |                  |
| 5922 | rtl-sdr                               | Bug     | New    | Normal   | rtl_sdr bytes_to_read wraparound for n > 2**31  | steve-m  | 03/20/2023 10:16 AM |                  |
| 5931 | libosmo-netif                         | Bug     | New    | High     | heap-use-after-free when osmo_stream_srv_destroy() is called inside read_cb()                       | daniel   | 03/02/2023 11:03 AM |                  |
| 5952 | OsmoBTS                               | Bug     | New    | Normal   | ttcn3-bts-test: TC_ho_physical_info fails   | fixeria  | 11/15/2023 08:23 AM |                  |
| 5957 | OsmoBTS                               | Bug     | New    | Low      | not all osmo-bts variants respond to abisip-find  | jolly    | 03/22/2023 09:20 AM |                  |
| 5985 | Cellular Network Infrastructure       | Bug     | New    | Normal   | tests: not all Osmocom projects have @osmoappdesc.py@   |          | 03/29/2023 08:09 PM |                  |
| 5986 | OsmoBSC                               | Bug     | New    | Normal   | PAGING impossible until CCCH LOAD IND is received from the BTS                                      | keith    | 03/31/2023 09:13 AM |                  |
| 5991 | OsmoBSC                               | Bug     | New    | Normal   | Forward TSNS-PROV bsc->[bts->]pcu   | jolly    | 12/17/2023 12:59 PM | Related to #5991 |
| 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 |                  |
| 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 |                  |
| 6007 | OsmoBSC                               | Bug     | New    | Normal   | network -> bts -> gprs nsvc will always create a nsvc node  |          | 04/17/2023 04:08 PM |                  |
| 6009 | OsmoMSC                               | Bug     | New    | Normal   | omo-msc: lots of tlv_parse() calls in src/libmsc/gsm_04_08.c have no return code checked for errors |          | 04/19/2023 03:19 PM |                  |

| #    | Project                         | Tracker | Status | Priority | Subject   | Assignee  | Updated             | Related issues                    |
|------|---------------------------------|---------|--------|----------|---|-----------|---------------------|-----------------------------------|
| 6012 | rtl-sdr                         | Bug     | New    | Normal   | Update wiki for macos build   | steve-m   | 05/01/2023 02:38 AM |                                   |
| 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 |                                   |
| 6019 | OsmoBSC                         | Bug     | New    | Normal   | "PCU version PCU socket has LOST connection connected"                                | fixeria   | 10/18/2023 05:42 PM |                                   |
| 6021 | libosmocore                     | Bug     | New    | Low      | map file breaks recent lld builds   | Hoernchen | 05/04/2023 05:49 AM |                                   |
| 6029 | Core testing infrastructure     | Bug     | New    | Normal   | Single TTCN3 BSC handover test fails  |           | 10/18/2023 05:31 PM |                                   |
| 6032 | rtl-sdr                         | Bug     | New    | Normal   | Poor APRS demodulation using RTL_FM on RaspberryPI or on old PC                       |           | 05/15/2023 12:14 PM |                                   |
| 6059 | OsmoBSC                         | Bug     | New    | Normal   | negotiate GSM-HR RTP packet format explicitly   | dexter    | 06/13/2023 10:38 AM |                                   |
| 6060 | OsmoMGW                         | Bug     | New    | Low      | osmo-mgw: Implement MGCP RestartInProgress (RSIP)                                     | jolly     | 10/18/2023 04:59 PM |                                   |
| 6106 | OsmoGGSN (former OpenGGSN)      | Bug     | New    | Normal   | OsmoGGSN attempts to use the same GTP-U socket for all APNs with gtpu-mode kernel-gtp |           | 02/21/2024 10:31 AM | Related to #6106,Related to #6106 |
| 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 |                                   |
| 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                  |
| 6122 | Cellular Network Infrastructure | Bug     | New    | Low      | remove big endian support   | osmith    | 10/18/2023 05:20 PM | Related to #6122                  |
| 6125 | OsmocomBB                       | Bug     | New    | Normal   | LLC GIA/GEA (auth/encryption) not yet tested  | pespin    | 08/28/2023 10:32 PM |                                   |
| 6126 | OsmoGSMTester                   | Bug     | New    | Normal   | osmo-gsm-tester docker container uses debian 10                                       |           | 08/01/2023 09:49 AM | Related to #6126                  |
| 6129 | Miscellaneous Projects          | Bug     | New    | Normal   | Discourse: Setting a custom avatar via upload fails                                   |           | 08/02/2023 06:07 PM |                                   |
| 6148 | OsmoDia2GSUP                    | Bug     | New    | Normal   | config file not installed not used by systemd service in debian                       | pespin    | 10/18/2023 03:21 PM |                                   |
| 6149 | OsmoGSMTester                   | Bug     | New    | Normal   | osmo-gsm-tester Gerrit verifications currently broken, not running in docker          | osmith    | 08/25/2023 09:13 AM |                                   |
| 6158 | OsmoHNBGW                       | Bug     | New    | Normal   | IMSI not shown in "show ue all"   | lynxis    | 08/29/2023 03:11 PM |                                   |
| 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 |                                   |
| 6169 | osmo-e1d                        | Bug     | New    | High     | Frame masking against network frame ordering, not frame numbers                       | laforge   | 10/18/2023 03:19 PM |                                   |
| 6176 | OsmoSGSN                        | Bug     | New    | Low      | build failure (dependency / concurrency issue)  |           | 09/13/2023 03:14 PM |                                   |
| 6185 | Core testing infrastructure     | Bug     | New    | Normal   | Submit titan.ProtocolEmulations.SCCP patch upstream                                   | neels     | 09/20/2023 06:22 PM |                                   |
| 6188 | Cellular Network Infrastructure | Bug     | New    | Normal   | Osmocom manuals have "draft" in debian packages of released versions                  | osmith    | 09/21/2023 04:37 PM |                                   |
| 6192 | OP25                            | Bug     | New    | Normal   | Unable to host behind NGINX reverse proxy   | max       | 09/27/2023 01:56 AM |                                   |
| 6196 | OsmoMGW                         | Bug     | New    | Normal   | Codec negotiation failure false positives   | dexter    | 12/07/2023 06:25 AM | Related to #6293                  |
| 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     |

| #    | Project   | Tracker | Status | Priority | Subject   | Assignee | Updated             | Related issues   |
|------|-----------|---------|--------|----------|---|----------|---------------------|------------------|
| 6201 | OsmocomBB | Bug     | New    | Normal   | modem: signal proper MS Radio Access Capability |          | 10/04/2023 12:34 PM | Related to #6201 |

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