

## Issues

| #    | Project                                      | Tracker | Status      | Priority | Subject  | Assignee   | Updated             | Related issues                                 |
|------|--|---------|-------------|----------|--|------------|---------------------|--|
| 2555 | OsmocomBB                                    | Feature | Stalled     | Normal   | script interface to OsmocomBB "mobile"   | zecke      | 06/08/2020 07:07 PM | Related to #2555,Related to #2555,Blocks #2893 |
| 1690 | OsmoSMSC                                     | Bug     | New         | Normal   | Insert: Generate message ID (e.g. UUID)  | zecke      | 04/06/2016 12:26 PM |  |
| 1689 | OsmoSMSC                                     | Feature | New         | Normal   | insert: Change destination number based on criteria similiar to route handling on output | zecke      | 04/06/2016 12:18 PM |  |
| 1623 | OsmoSMSC                                     | Feature | New         | Normal   | Configure delivery report for the SMPP delivery links                                    | zecke      | 02/24/2016 01:49 PM |  |
| 1533 | OsmoPCU                                      | Feature | Feedback    | Low      | Separate the window handling from the TBF more clearly                                   | zecke      | 07/21/2017 02:46 PM | Related to #1533                               |
| 1990 | OsmocomBB                                    | Bug     | Feedback    | Normal   | bb nand flash  | yangkkokk  | 07/10/2017 10:22 PM |  |
| 5463 | Retronetworking                              | Feature | In Progress | Low      | X.21 hardware interface  | vogelchr   | 03/04/2023 02:37 PM |  |
| 6181 | SIMtrace 2                                   | Bug     | Feedback    | Normal   | Unexpected INS code with simtrace2-sniff: 0x7f   | v.marinos  | 10/18/2023 09:41 PM |  |
| 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 |  |
| 1504 | UmTRX  | Feature | New         | Normal   | LMS6002 phase error increases when Rx is enabled and varies with temperature             | ttsou      | 02/19/2016 10:52 PM |  |
| 3847 | Miscellaneous Projects                       | Feature | New         | Normal   | Osmocom logo with/for black background   | tsaitgaist | 12/10/2019 11:53 AM |  |
| 1911 | SIMtrace 2                                   | Feature | New         | Normal   | check if we can have an enclosed version of simtrace v2                                  | tsaitgaist | 09/13/2018 12:40 PM |  |
| 5883 | OCTOI - Osmocom Community TDM over IP        | Bug     | New         | Normal   | GPS sync sometimes goes to hold over   | tnt        | 01/30/2023 02:18 PM | Related to #5885                               |
| 5710 | E1/T1 Hardware Interface (including icE1usb) | Feature | New         | Normal   | rs422: Merge as much of the gateware in master as possible                               | tnt        | 10/13/2022 06:53 PM | Related to #5710                               |
| 5709 | E1/T1 Hardware Interface (including icE1usb) | Feature | New         | Normal   | rs422: Merge as much of the firmware into master to avoid separate branch                | tnt        | 10/13/2022 06:49 PM | Related to #5709                               |
| 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                               |
| 5490 | E1/T1 Hardware Interface (including icE1usb) | Bug     | Feedback    | Normal   | ISO IN urb sometimes completes with less than full data / incomplete frame               | tnt        | 09/15/2022 12:34 PM |  |
| 3222 | OsmoTRX                                      | Bug     | Stalled     | Low      | include (tested) example config files for usrp1, uhd/b200 as well as umtrx               | tnt        | 10/20/2018 07:27 PM |  |

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| 3054 | OsmoTRX                         | Feature | Stalled     | Normal   | Extended (11-bit) RACH support in OsmoTRX   | tnt                           | 02/03/2019 11:45 AM | Related to #1854, Related to #3054, Related to #3054, Related to #4006 |
| 1458 | OsmocomBB                       | Bug     | New         | High     | AGC broken (strong cell cannot be synced  | tnt                           | 07/18/2019 06:10 AM | Related to #3582   |
| 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 |  |
| 5171 | OsmocomBB                       | Bug     | Feedback    | Normal   | ccch_scan failed  | thor123                       | 06/09/2021 12:06 AM |  |
| 6413 | rtl-sdr                         | Bug     | New         | Normal   | Incorrect Debian/Debian-like binary packages  | steve-m                       | 03/22/2024 05:09 PM |  |
| 6012 | rtl-sdr                         | Bug     | New         | Normal   | Update wiki for macos build   | steve-m                       | 05/01/2023 02:38 AM |  |
| 6005 | rtl-sdr                         | Bug     | New         | Normal   | rtl-test and rtl-sdr exit code=-5 when running on Windows 10 WSL and Ubuntu   | steve-m                       | 10/18/2023 05:45 PM |  |
| 5922 | rtl-sdr                         | Bug     | New         | Normal   | rtl_sdr bytes_to_read wraparound for n > 2**31  | steve-m                       | 03/20/2023 10:16 AM |  |
| 5918 | osmo-fl2k                       | Bug     | New         | Normal   | -fto broken in release  | steve-m                       | 12/20/2023 08:43 PM |  |
| 5831 | OsmocomBB                       | Bug     | New         | Normal   | SE K2x0i: built-in SIM reader is not working  | steve-m                       | 12/16/2022 12:03 AM |  |
| 5291 | rtl-sdr                         | Feature | New         | Normal   | Ship the udev rules upstream  | steve-m                       | 11/05/2021 11:04 AM |  |
| 5220 | rtl-sdr                         | Bug     | New         | Normal   | Undefined reference to libusb_dev_mem_free  | steve-m                       | 08/31/2021 09:21 AM |  |
| 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 |  |
| 4367 | rtl-sdr                         | Support | New         | Normal   | "Communications Toolbox Support Package for RTL-SDR Radio" from "Mathworks Matlab" appears to be with broken links?           | steve-m                       | 01/21/2020 08:52 PM |  |
| 3315 | rtl-sdr                         | Feature | New         | Normal   | review and possibly apply patches from debian package   | steve-m                       | 06/03/2018 01:17 PM |  |
| 3210 | osmo-fl2k                       | Feature | New         | Low      | man pages   | steve-m                       | 04/24/2018 08:55 PM |  |
| 1474 | SDR (Software Defined Radio)    | Bug     | New         | High     | USB Claim Interface Error   | steve-m                       | 02/20/2016 08:23 PM |  |
| 5850 | SDR (Software Defined Radio)    | Bug     | New         | Normal   | OBS mingw builds not updated since 2019   | roox                          | 01/04/2023 12:15 PM |  |
| 3474 | OsmoBSC                         | Bug     | Feedback    | Normal   | SDCCH not released if Radio Link Failure / Sending Connection Failure: cause = 0x001 Experienced in osmo-bsc and osmo-bts-trx | ron.menez@entropysolution.com | 10/05/2020 09:33 PM |  |
| 6231 | OsmoTRX                         | Feature | New         | Normal   | add support / calibration values for AntSDR E200  | roh                           | 10/21/2023 03:25 PM |  |
| 6198 | Cellular Network Infrastructure | Bug     | In Progress | Normal   | Patch releases for September 2023 Osmocom CNI releases  | roh                           | 12/19/2023 01:29 PM | Related to #6253   |
| 5276 | SIMtrace 2                      | Feature | Stalled     | Normal   | jenkins CI integration like for osmo-ccid-firmware  | roh                           | 11/14/2022 05:24 PM | Related to #5422   |
| 4534 | Ericsson RBS 6xxx               | Support | Stalled     | Normal   | Take pictures of RBS6k gear for documentation   | roh                           | 05/20/2020 03:19 PM |  |

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| 3227 | Cellular Network Infrastructure                | Feature | New         | Normal   | general idea: separate GSUP spec document  | roh       | 12/01/2019 09:26 AM | Is duplicate of #3227  |
| 1524 | OsmoPCU  | Bug     | Feedback    | Normal   | PACCH on the wrong timeslot  | roh       | 10/19/2021 11:50 AM | Related to #1524,Related to #1524,Related to #1524,Related to #2709,Related to #1524,Related to #1524,Related to #3014 |
| 4942 | gr-osmosdr                                     | Bug     | New         | Normal   | XTRX: Unable to compile due to error   | RFNOD     | 01/12/2021 08:29 PM |  |
| 6416 | E1/T1 Hardware Interface (including icE1 usb)  | Support | Feedback    | Normal   | Serial debug tty port speed  | pfassberg | 05/01/2024 07:13 AM |  |
| 6437 | libosmocore                                    | Bug     | Feedback    | Normal   | osmo_io_ops segmentation_cb missing parameter holding state                                  | pespin    | 04/19/2024 10:17 AM |  |
| 6377 | erlang/osmo_ss7                                | Bug     | Feedback    | Normal   | ipa: Failure decoding ipa frames split between several tcp packets                           | pespin    | 02/28/2024 03:00 PM |  |
| 6356 | libosmo-sccp + libosmo-sigtran                 | Bug     | New         | Normal   | DLGLOBAL ERROR Trying to dispatch event 17 to non-existent FSM instance! (osmo_ss7_as.c:118) | pespin    | 02/08/2024 10:27 PM |  |
| 6212 | Linux Kernel GTP-U                             | Bug     | In Progress | Normal   | GTP extension headers  | pespin    | 10/18/2023 03:03 PM | Related to #6223   |
| 6148 | OsmoDia2GSUP                                   | Bug     | New         | Normal   | config file not installed not used by systemd service in debian                              | pespin    | 10/18/2023 03:21 PM |  |
| 6127 | OsmoHNBGW                                      | Feature | Feedback    | Normal   | Submit RAB Modification Req towards HNB to update its peer luUP address if MGW changed it    | pespin    | 11/29/2023 06:45 PM |  |
| 6125 | OsmocomBB                                      | Bug     | New         | Normal   | LLC GIA/GEA (auth/encryption) not yet tested   | pespin    | 08/28/2023 10:32 PM |  |
| 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 |  |
| 6115 | OsmocomBB                                      | Feature | Feedback    | Normal   | modem: MTU not set properly on tun iface   | pespin    | 12/08/2023 05:48 PM | Related to #6115,Related to #6298  |
| 6045 | osmo-ePDG - VoWifi Evolved Packet Data Gateway | Bug     | Feedback    | Normal   | report erlang diameter problems to the diameter compiler repo.                               | pespin    | 03/07/2024 04:16 PM |  |
| 5839 | OsmoGSMTester                                  | Feature | New         | Normal   | Ability to switch off the osmo-trx machine   | pespin    | 12/20/2022 05:43 PM |  |
| 5827 | OsmoPCU  | Feature | New         | Normal   | osmo-pcu: Hardcoded limit of maximum number of 8 TRX per BTS                                 | pespin    | 12/16/2022 11:55 AM |  |
| 5503 | OsmocomBB                                      | Feature | Feedback    | Normal   | expose GPRS user plane via tun device  | pespin    | 08/28/2023 10:38 PM | Related to #6115   |
| 5502 | OsmocomBB                                      | Feature | Stalled     | Normal   | MS-side LLC implementation   | pespin    | 09/14/2023 03:59 PM | Related to #5502,Related to #5502  |

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| 5501 | OsmocomBB                       | Feature | Stalled | Normal   | MS-side GPRS Mobility Management (GMM) + Session Management (SM)                    | pespin   | 09/14/2023 04:03 PM | Related to #5501, Related to #5502, Related to #5504, Related to #5505 |
| 5398 | OsmoSGSN                        | Bug     | New     | Normal   | Null pointer access at "uctx" in ranap_iu_tx  | pespin   | 01/10/2022 01:14 PM |  |
| 5346 | libosmocore                     | Bug     | New     | Low      | osmo-release.sh doesn't work with %{sover} macro in spec.in                         | pespin   | 12/09/2021 12:03 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 |  |
| 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 |  |
| 5212 | OsmoPCU                         | Bug     | New     | Low      | apparently T3193 is by default not set to its defined default value                 | pespin   | 11/15/2021 07:13 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 |  |
| 5122 | OsmoPCU                         | Feature | New     | Normal   | Choose SBA allocation offset based on AGCH queue load in the BTS                    | pespin   | 04/20/2021 12:51 PM | Related to #5122   |
| 5045 | Cellular Network Infrastructure | Feature | New     | Normal   | write libversion "major" on build files automatically based on LIBVERSION           | pespin   | 02/24/2021 01:14 PM |  |
| 5044 | OsmoMGW                         | Bug     | New     | Low      | potential null pointer dereferences   | pespin   | 02/24/2021 11:48 AM |  |
| 5034 | libosmocore                     | Feature | Stalled | Low      | logging: Enable category name instead of hex val by default                         | pespin   | 06/12/2021 05:40 PM | Related to #6272   |
| 5012 | osmo-uecups                     | Feature | New     | Low      | use osmo-uecups from GGSN_Tests.ttcn  | pespin   | 02/06/2021 10:02 AM | Related to #5012   |
| 4947 | OsmoPCU                         | Bug     | Stalled | Normal   | osmo-pcu: Handling for Pkt Resource Req using Global TFI not implemented            | pespin   | 12/22/2022 01:04 PM |  |
| 4867 | OsmoPCU                         | Bug     | Stalled | Normal   | Cinterion BGS2T failing to attach (no Attach Complete ever sent)                    | pespin   | 11/30/2020 09:48 AM |  |
| 4840 | Core testing infrastructure     | Feature | New     | Low      | migrate osmo-gsm-tester docker images to registry.osmocom.org                       | pespin   | 11/02/2020 05:13 PM | Related to #4840   |
| 4808 | OsmoGSMTester                   | Feature | New     | Low      | osmo-gsm-tester: Add test setup to verify baseband frequency hopping                | pespin   | 03/31/2023 03:25 PM |  |
| 4542 | OsmoGSMTester                   | Bug     | Stalled | Normal   | ofono: crash in drivers/qmimodem/gprs.c:extract_ss_info()                           | pespin   | 07/30/2021 10:30 AM |  |
| 4502 | OsmoGSMTester                   | Feature | New     | Low      | osmo-gsm-tester: support gpio controlled step attenuators of the LTHW main unit     | pespin   | 03/31/2023 03:28 PM |  |
| 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   |

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| 4406 | OsmoGSMTester                   | Feature | New     | Low      | osmo-gsm-tester: Support setting auth_algo milenage or similar on osmocom software and filling HLR parameters like OPC | pespin   | 03/31/2023 03:26 PM | Related to #4407   |
| 4366 | OsmoTRX                         | Bug     | New     | Normal   | Create testsuite to test osmo-bts-trx+osmo-trx under high channel load (w/ RACH correlation)                           | pespin   | 01/15/2020 01:59 PM | Related to #4366   |
| 4364 | OsmoBTS                         | Bug     | New     | Normal   | osmo-bts-trx configured with 2 TRX and osmo-trx with 1 TRX -> bad behavior   | pespin   | 07/06/2020 07:16 PM |  |
| 4356 | libosmo-sccp + libosmo-sigtran  | Feature | New     | Low      | execute sccp_demo_user server+client against each other in some test suite   | pespin   | 01/10/2020 12:23 PM | Related to #4356   |
| 4275 | OsmoSTP                         | Feature | New     | Low      | Add TTCN3 STP_Tests_IPA.TC_tmt_broadcast   | pespin   | 12/01/2019 11:04 AM |  |
| 4161 | OsmoGGSN (former OpenGGSN)      | Bug     | New     | Normal   | Implement pdp idle timer   | pespin   | 08/20/2019 06:30 PM | Related to #4161   |
| 4092 | OsmoMGW                         | Feature | New     | Normal   | Osmux: Support dynamic allocation of osmux sockets   | pespin   | 08/10/2022 07:50 AM | Related to #4092   |
| 4091 | Cellular Network Infrastructure | Feature | New     | Normal   | Osmux: Make sure all handover types work fine if a call leg is using Osmux between BSC and MSC.                        | pespin   | 06/08/2020 07:08 PM |  |
| 4065 | OsmoMSC                         | Feature | New     | Normal   | osmo-msc: Support instructing MSC_MGW to use Osmux between 2 endp/call-leg of same voice call                          | pespin   | 06/19/2019 04:54 PM | Related to #4065   |
| 3929 | OsmoPCU                         | Bug     | New     | Normal   | Missing PCU_Tests.ttcn link adaptation tests   | pespin   | 06/17/2020 08:32 AM | Related to #3929   |
| 3928 | OsmoPCU                         | Bug     | Stalled | High     | Missing PCU_Tests.ttcn for various timers / time-outs  | pespin   | 11/15/2021 05:46 PM | Related to #5033   |
| 3926 | OsmoPCU                         | Bug     | Stalled | High     | Missing PCU_Tests.ttcn DL TBF tests  | pespin   | 03/01/2021 11:06 AM |  |
| 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 |  |
| 3622 | libosmo-abis                    | Bug     | New     | Normal   | Clear API mess in sign_link_up callback  | pespin   | 10/02/2018 07:34 PM |  |
| 3560 | OsmoGSMTester                   | Bug     | Stalled | Normal   | nanoBTS multiTRX tests in osmo-gsm-tester Prod setup failing   | pespin   | 09/04/2019 09:16 AM | Related to #3560,Related to #3560,Related to #3628,Is duplicate of #3475 |
| 3234 | OsmoGSMTester                   | Feature | New     | Low      | osmo-gsm-tester: poll the python-smpplib socket using non-busy approach  | pespin   | 03/31/2023 03:28 PM | Related to #2512   |
| 3155 | OsmoBTS                         | Feature | Stalled | High     | execute BTS_Tests.ttcn with real (C123) phone hardware in LTHW setup   | pespin   | 12/04/2020 07:30 PM | Related to #3353,Related to #3155  |
| 3068 | OsmoGSMTester                   | Bug     | New     | Low      | osmo-gsm-tester: resource objects leaked or destroyed too late   | pespin   | 03/31/2023 03:28 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  |
| 2946 | OsmoGGSN (former OpenGGSN)      | Feature | New     | Low      | Add test suite for sgsnemu   | pespin   | 11/21/2019 05:03 PM |  |

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| 2860 | OsmoGSMTester                   | Feature | New         | Low      | osmo-gsm-tester: Add 3g support with nano3G board   | pespin   | 03/31/2023 03:26 PM | Related to #2860  |
| 2692 | OsmoSGSN                        | Bug     | New         | Low      | HLR string in CDR and VTY is empty  | pespin   | 09/30/2018 11:39 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 |   |
| 2674 | OsmoBTS                         | Bug     | New         | Low      | osmo-bts-sysmo GPRS failing if running without "-M"   | pespin   | 07/18/2019 06:08 AM |   |
| 2554 | Cellular Network Infrastructure | Feature | New         | Low      | Reference/Demo setup + documentation for use of OsmoBSC+OsmoBSCNAT with OSMUX   | pespin   | 06/08/2020 07:07 PM | Related to #2553,Related to #2552,Related to #2551,Related to #2554 |
| 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  |
| 2433 | OsmoNITB                        | Bug     | New         | Low      | Drop MGCP_DUMMY_LOAD frames and use proper Osmux Dummy frames   | pespin   | 08/21/2017 02:23 PM |   |
| 1831 | OsmoPCU                         | Bug     | Stalled     | Low      | No handling for padding octets(LI 127) for EGPRS. row 3rd of Table 10.4.14a.1 TS 44.060 version 7.27.0 Release          | pespin   | 10/20/2020 08:39 AM |   |
| 1532 | OsmoPCU                         | Bug     | New         | Low      | Increased number of poll timeouts on shared PDCHs   | pespin   | 02/08/2021 05:22 PM | Related to #1524  |
| 1528 | OsmoPCU                         | Bug     | New         | Low      | Find a real fix for EGPRS_AckNack_w_len_t decoding  | pespin   | 02/06/2021 01:04 PM |   |
| 1527 | OsmoPCU                         | Feature | New         | Low      | Set correct values of the puncturing scheme and the retransmission flag   | pespin   | 02/08/2021 07:10 PM |   |
| 44   | OsmoSGSN                        | Bug     | New         | Normal   | TLLI clash possible   | pespin   | 02/06/2021 01:31 PM |   |
| 6103 | Linux Kernel GTP-U              | Feature | Feedback    | Normal   | move from 1:1 relationship of UDP socket and net-device to a N:M relationship   | pablo    | 10/06/2023 10:49 AM | Related to #6106  |
| 1952 | Linux Kernel GTP-U              | Bug     | In Progress | High     | IPv6 support for inner (user) IP layer missing  | pablo    | 03/05/2024 11:47 PM | Related to #6096,Related to #6123                                   |
| 6386 | Core testing infrastructure     | Bug     | In Progress | Normal   | eclipse-titan 9.0.0 not building in debian unstable   | osmith   | 03/04/2024 02:10 PM |   |
| 6352 | Cellular Network Infrastructure | Bug     | Stalled     | Low      | ttn3-bts-test[-latest] is broken since Feb 1st / docker and multicast   | osmith   | 03/06/2024 03:57 PM |   |
| 6327 | Cellular Network Infrastructure | Feature | New         | Low      | Osmocom-build-tags-against-master job builds very basic configurations  | osmith   | 01/11/2024 08:17 PM |   |
| 6324 | OsmoBSC                         | Bug     | New         | Normal   | Making a data call results in B0RKEN Ichans   | osmith   | 01/05/2024 09:04 PM |   |
| 6295 | OsmoSGSN                        | Bug     | New         | Normal   | TMSI realloc complete leads to SecurityModeReject   | osmith   | 12/07/2023 03:15 PM |   |
| 6232 | libosmocore                     | Bug     | New         | Normal   | jenkins should give all libosmocore config options a try  | osmith   | 10/22/2023 04:16 PM |   |
| 6225 | rtl-sdr                         | Bug     | New         | Normal   | rtl-sdr reelase tarballs missing from <a href="https://ftp.osmocom.org/releases/">https://ftp.osmocom.org/releases/</a> | osmith   | 10/19/2023 09:46 AM |   |

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| 6223 | OsmoGGSN (former OpenGGSN)      | Feature | In Progress | High     | TTCN3 unit test[s] for GTPv1U with extension headers   | osmith   | 01/31/2024 08:19 PM | Related to #6223  |
| 6188 | Cellular Network Infrastructure | Bug     | New         | Normal   | Osmocom manuals have "draft" in debian packages of released versions   | osmith   | 09/21/2023 04:37 PM |   |
| 6149 | OsmoGSMTester                   | Bug     | New         | Normal   | osmo-gsm-tester gerrit verifications currently broken, not running in docker   | osmith   | 08/25/2023 09:13 AM |   |
| 6122 | Cellular Network Infrastructure | Bug     | New         | Low      | remove big endian support  | osmith   | 10/18/2023 05:20 PM | Related to #6122  |
| 6096 | OsmoGGSN (former OpenGGSN)      | Feature | In Progress | Urgent   | add support for kernel-GTP IPv6  | osmith   | 03/25/2024 12:10 PM | Related to #6096,Related to #6106,Related to #6096,Blocks #6096 |
| 5919 | Core testing infrastructure     | Bug     | New         | Low      | osmo-python-tests: Update/fix README or setup process  | osmith   | 03/20/2023 10:17 AM |   |
| 5899 | libosmo-sccp + libosmo-sigtran  | Bug     | New         | Low      | ttn3-sccp-test-latest is actually running code from master, not latest   | osmith   | 03/20/2023 01:18 PM |   |
| 5887 | Cellular Network Infrastructure | Bug     | New         | Low      | coverity: build everything in docker container and add CI  | osmith   | 02/01/2023 10:25 AM |   |
| 5809 | Cellular Network Infrastructure | Bug     | Feedback    | Normal   | applications disrespect potentially VTY-configured tcp/telnet port   | osmith   | 10/31/2023 09:34 AM |   |
| 5685 | Cellular Network Infrastructure | Bug     | Feedback    | Normal   | Dropping debian 10 (buster)  | osmith   | 04/04/2023 10:10 AM | Related to #5685,Related to #5685                               |
| 5568 | OsmoMSC                         | Bug     | Stalled     | Low      | SMPP socket doesn't use TCP_NODELAY  | osmith   | 10/31/2023 09:36 AM |   |
| 5492 | OsmoBSCNAT                      | Bug     | New         | Normal   | Support MSC pooling  | osmith   | 04/11/2022 08:19 AM |   |
| 5301 | Core testing infrastructure     | Bug     | Stalled     | Normal   | Run TTCN3 docker tests with sanitizer enabled  | osmith   | 03/20/2024 09:28 AM | Related to #5302  |
| 5279 | OsmoMGW                         | Feature | New         | Normal   | systemd service / unit for multiple osmo-mgw on one machine  | osmith   | 10/25/2021 11:41 AM |   |
| 4834 | OsmocomBB                       | Bug     | New         | Normal   | package cp210x-program as part of network:osmocom:{nightly,latest}   | osmith   | 10/26/2020 06:01 PM |   |
| 4447 | OsmoMGW                         | Bug     | New         | Normal   | DSCP value should be a 6 bit field   | osmith   | 03/09/2020 04:50 PM | Related to #4447  |
| 4167 | OsmoMSC                         | Bug     | Feedback    | Normal   | Event VLR_ULA_E_ID_IMEISV not permitted  | osmith   | 09/04/2019 08:13 PM |   |
| 4163 | OsmoHLR                         | Bug     | New         | Normal   | Subscriber on demand: "Error while deleting subscriber data for IMSI" after changing network access mode from cs+ps back to none | osmith   | 08/22/2019 01:41 PM |   |
| 4131 | Cellular Network Infrastructure | Bug     | Stalled     | Low      | osmo-gsm-manuals: Use leveloffset attribute on common documents  | osmith   | 12/01/2019 09:48 AM | Related to #4140  |

| #    | Project                         | Tracker | Status      | Priority | Subject   | Assignee | Updated             | Related issues   |
|------|---------------------------------|---------|-------------|----------|---|----------|---------------------|--|
| 4109 | Cellular Network Infrastructure | Feature | New         | Low      | debian-repo-install-test: start a virtual MS and perform a LU   | osmith   | 11/29/2019 10:39 AM | Related to #4109   |
| 4107 | Cellular Network Infrastructure | Feature | In Progress | High     | Start systemd services as non-root user   | osmith   | 04/29/2024 08:12 AM | Related to #4107,Related to #4821,Related to #4107,Related to #5669,Related to #5685,Related to #5687,Related to #5722 |
| 4070 | OsmoBSC                         | Bug     | Stalled     | Normal   | Implement IPA PING/PONG mechanism on RSL and OML  | osmith   | 09/30/2020 08:13 PM | Related to #5785   |
| 4069 | Cellular Network Infrastructure | Bug     | New         | Low      | Implement IPA PING/PONG mechanism everywhere  | osmith   | 02/06/2021 02:27 PM | Related to #4072   |
| 3982 | Cellular Network Infrastructure | Feature | Feedback    | Low      | osmo-depcheck.py: set dependency hashes on command line   | osmith   | 05/15/2023 09:51 AM |  |
| 3872 | OsmoBSC                         | Feature | New         | Normal   | osmo_scu_prim.conn_id should be picked from a distinct number space for outgoing and incoming N-CONNECT | osmith   | 03/28/2019 08:06 PM | Blocks #3872   |
| 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 |  |
| 3636 | OsmoMSC                         | Feature | New         | Normal   | detailed call statistics (with rate counters)   | osmith   | 10/08/2018 11:14 AM | Related to #3636   |
| 3477 | Cellular Network Infrastructure | Feature | New         | Low      | add a wiki page explaining interconnection between components across several machines                   | osmith   | 12/01/2019 09:29 AM |  |
| 3420 | libosmo-ranap                   | Bug     | Stalled     | Normal   | ranap_transp_assoc_decode() decodes X.213 NSAP address headers as IP address                            | osmith   | 07/17/2021 10:14 AM |  |
| 3417 | Cellular Network Infrastructure | Bug     | New         | Normal   | show asciidoc counters does not show all the counters available   | osmith   | 12/01/2019 09:28 AM | Related to #3417,Related to #4848  |
| 3386 | Cellular Network Infrastructure | Feature | New         | Low      | Generate man pages at build time from adoc files  | osmith   | 05/11/2023 11:24 AM | Precedes #3386   |
| 3382 | Cellular Network Infrastructure | Bug     | New         | Low      | Investigate and fix lintian issues listed by Debian Lintian Report                                      | osmith   | 12/01/2019 09:27 AM |  |
| 3356 | OsmoSGSN                        | Bug     | In Progress | Normal   | OsmoSGSN doesn't provide unique IDTAG_SERNR in IPA CCM  | osmith   | 04/09/2019 11:22 AM | Related to #3356,Related to #3356,Related to #3644   |
| 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   |
| 3165 | OsmoMSC                         | Feature | New         | Low      | Verify LU Request's LAI   | osmith   | 07/18/2019 05:48 AM | Related to #3164   |



| #    | Project                         | Tracker | Status      | Priority | Subject  | Assignee | Updated             | Related issues                                       |
|------|---------------------------------|---------|-------------|----------|--|----------|---------------------|--|
| 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                   |
| 2959 | OsmoSGSN                        | Bug     | New         | Low      | OsmoSGSN puts bogus LAC/RAC in GTP Create PDP CTX ACT REQ                              | osmith   | 09/30/2018 11:41 AM |  |
| 2951 | OsmoSGSN                        | Bug     | Feedback    | Normal   | OsmoSGSN Accepts two MO L3 Messages with N(U) set to zero                              | osmith   | 09/11/2019 12:24 PM |  |
| 2899 | OsmoBSC                         | Bug     | New         | Low      | channel attributes are sent to BTS even for NONE channels                              | osmith   | 09/30/2018 10:42 AM |  |
| 2895 | OsmoMSC                         | Bug     | New         | Normal   | OsmoMSC excessively uses LU Reject Cause 22 (congestion)                               | osmith   | 07/18/2019 05:41 AM |  |
| 2877 | OsmoMSC                         | Bug     | New         | Normal   | OsmoMSC fails on bearer capability without octet 3a                                    | osmith   | 07/18/2019 05:45 AM |  |
| 2846 | OsmoMSC                         | Bug     | New         | Normal   | MSC doesn't close SCCP/BSSAP connection on CM SERV REQ tht cannot be parsed            | osmith   | 07/18/2019 05:44 AM |  |
| 2669 | OsmoMSC                         | Bug     | New         | Low      | osm-msc doesn't clean up BSC state   | osmith   | 09/30/2018 11:37 AM |  |
| 2571 | libosmo-abis                    | Bug     | New         | Low      | libosmo-abis API documentation missing (doxygen)                                       | osmith   | 02/06/2021 02:27 PM |  |
| 2545 | OsmoBSCNAT                      | Feature | Stalled     | Low      | OsmoBSCNAT misses 3GPP AoIP  | osmith   | 10/12/2022 01:15 PM | Related to #5152, Related to #5359, Related to #5574 |
| 2542 | OsmoHLR                         | Feature | Stalled     | Low      | have subscriber create-on-demand   | osmith   | 03/10/2022 03:40 PM | Related to #2541, Related to #5183                   |
| 2501 | OsmoSGSN                        | Bug     | In Progress | Normal   | suspected problem with unanswered neighbor solicitation                                | osmith   | 09/11/2019 12:58 PM |  |
| 2451 | Cellular Network Infrastructure | Feature | New         | Low      | Add static builds to jenkins jobs  | osmith   | 09/30/2018 08:18 AM |  |
| 2404 | OsmoPCU                         | Bug     | Feedback    | Low      | PAGING-PS doesn't use QoS parameters from BSSGP  | osmith   | 09/10/2019 11:54 AM |  |
| 2356 | OsmoBTS                         | Feature | New         | Low      | have per-SAPI logging in OsmoBTS DL1P / DL1C   | osmith   | 03/19/2020 08:06 PM | Related to #2355                                     |
| 1685 | osmo-sip-connector              | Feature | In Progress | Normal   | osmo-sip-connector: Review and define log statements and which info to include         | osmith   | 09/04/2019 09:31 AM |  |
| 1605 | OsmoBSC                         | Feature | In Progress | Low      | logging / ring buffer for ALERT messages from A-bis OML from the BTS side              | osmith   | 03/27/2020 09:40 AM | Related to #1605                                     |
| 1558 | OsmoPCU                         | Feature | New         | Low      | Generate BSSGP LLC Discarded messages on TBF/MS free                                   | osmith   | 02/13/2021 05:44 PM | Related to #4847                                     |
| 6431 | OsmoHNBGW                       | Bug     | New         | Normal   | (coverity) uninitialized asn.1 state / overwriting asn.1 state in HNBAP                | neels    | 04/04/2024 11:08 PM |  |
| 6424 | OsmoMGW                         | Bug     | In Progress | High     | TC_one_crcx_loopback_rtp_implicit consistently failing in master, but passes on latest | neels    | 03/27/2024 08:17 PM |  |
| 6319 | Osmo-CC                         | Feature | New         | Normal   | protocol version should have a defined end marker                                      | neels    | 01/10/2024 01:31 PM |  |

| #    | Project                         | Tracker | Status      | Priority | Subject  | Assignee | Updated             | Related issues                                     |
|------|---------------------------------|---------|-------------|----------|--|----------|---------------------|--|
| 6318 | OsmoBSC                         | Bug     | Feedback    | Normal   | Show lchan shows wrong number of channels for TCH  | neels    | 12/25/2023 01:01 AM |  |
| 6217 | OsmoMSC                         | Bug     | Feedback    | Normal   | Bearer Capability mismatch in MT SETUP   | neels    | 10/10/2023 10:17 PM |  |
| 6185 | Core testing infrastructure     | Bug     | New         | Normal   | Submit titan.ProtocolEmulations.SCCP patch upstream  | neels    | 09/20/2023 06:22 PM |  |
| 6151 | OsmoMSC                         | Feature | Feedback    | Normal   | osmo-msc: Ability to configure (VTY) the AMR(-WB) formats used in RAB-Assignment-Req       | neels    | 08/30/2023 08:16 PM |  |
| 6085 | OsmoHNBGW                       | Feature | New         | Low      | context_map_sccp.c parrots states/events that the SCCP-SCOC FSM already handles            | neels    | 10/18/2023 03:31 PM |  |
| 6051 | OsmoHNBGW                       | Feature | New         | Low      | misnomer in internal SCCP functions  | neels    | 07/06/2023 08:26 PM |  |
| 5982 | OsmoBSC                         | Bug     | Feedback    | Low      | conn->fi is NULL in gscon_bssmap_clear()   | neels    | 04/11/2023 02:25 PM |  |
| 5917 | libosmo-sccp + libosmo-sigtran  | Feature | Feedback    | Normal   | immediately detect SCTP SHUTDOWN in SCCP link / in SCCP user / in active SCCP connections  | neels    | 03/20/2023 10:23 AM |  |
| 5904 | OsmoHNBGW                       | Feature | New         | Normal   | HNBAP Register Request handling does checks that seem to make no sense                     | neels    | 09/01/2023 05:00 AM |  |
| 5876 | OsmoHNBGW                       | Bug     | New         | Normal   | on HNBAP HNB Register, clear previous UE state if any                                      | neels    | 03/20/2023 01:27 PM |  |
| 5679 | libosmo-sccp + libosmo-sigtran  | Feature | In Progress | Normal   | unsupported SCCP user primitive N-PCSTATE.indication                                       | neels    | 02/18/2023 01:46 AM |  |
| 5197 | OsmoMSC                         | Bug     | New         | Normal   | msc_i Unimplemented msg type: HANDOVER PERFORMED   | neels    | 08/23/2022 04:05 PM |  |
| 5196 | OsmoMSC                         | Bug     | New         | Normal   | Verify several "event not permitted" log lines in unit tests                               | neels    | 08/23/2022 04:08 PM |  |
| 5188 | Cellular Network Infrastructure | Bug     | New         | Normal   | BSSMAP Cell Identifier IE vs. Cell Identifier List IE: difference in allowed cell id types | neels    | 08/23/2022 04:24 PM |  |
| 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                  |
| 5153 | OsmoHNBGW                       | Feature | In Progress | Normal   | support hnbgw co-located GTP-U proxy (UPF)   | neels    | 11/15/2022 09:54 AM | Related to #5154,Related to #5153                  |
| 4940 | OsmoBSC                         | Feature | Stalled     | High     | VAMOS support in OsmoBSC   | neels    | 08/11/2021 02:47 PM | Related to #4941                                   |
| 4883 | Cellular Network Infrastructure | Bug     | New         | Normal   | update OsmoNITB migration guide  | neels    | 12/01/2020 08:32 AM |  |
| 4842 | libosmocore                     | Bug     | In Progress | Normal   | gsm0408 test fails on several architectures  | neels    | 08/23/2022 04:38 PM |  |
| 4832 | OsmoBSC                         | Bug     | Stalled     | Low      | osmo-bsc hard-releases lchan if no MSC is found  | neels    | 10/18/2022 09:41 PM | Related to #4832,Related to #4832,Related to #5337 |
| 4830 | OsmoMSC                         | Bug     | In Progress | High     | LU reject when no authentication data in HLR but "authentication optional"                 | neels    | 10/10/2022 02:03 PM |  |

| #    | Project                         | Tracker | Status      | Priority | Subject   | Assignee | Updated             | Related issues                    |
|------|---------------------------------|---------|-------------|----------|---|----------|---------------------|-----------------------------------|
| 4784 | OsmoMSC                         | Bug     | New         | Normal   | wrong cause code (resources unavailable) in MO-to-MT call without response  | neels    | 10/08/2020 02:35 PM |                                   |
| 4721 | OsmoMSC                         | Bug     | In Progress | Normal   | osmo-msc creates evil-twin entries in the VLR when an already attached IMSI does a LU by an unknown TMSI (was: MSC_Tests.TC_lu_by_tmsi_noauth_unknown fails sporadically locally) | neels    | 03/26/2024 03:02 AM | Related to #4721                  |
| 4716 | OsmoBSC                         | Feature | Stalled     | Normal   | support handover between different codec types, like TCH/F FR1 <--> TCH/H HR1   | neels    | 10/28/2020 08:22 PM | Related to #4717                  |
| 4700 | libosmocore                     | Bug     | Feedback    | Normal   | 'socket' C test fails when there is no IPv6   | neels    | 03/24/2021 12:33 PM |                                   |
| 4621 | OsmoBSC                         | Support | New         | Normal   | feedback: osmo-bsc modifies the LAI in LU Accept messages, and the MM info data   | neels    | 02/06/2021 09:50 AM |                                   |
| 4576 | Core testing infrastructure     | Bug     | Stalled     | High     | ttn3-hlr-tests need to route multicast traffic between ttn3-hlr-test and osmo-hlr-master containers   | neels    | 10/28/2020 09:48 PM |                                   |
| 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 |                                   |
| 4495 | IMSI Pseudonymization           | Feature | New         | Normal   | Specification: More references  | neels    | 05/27/2020 01:11 PM |                                   |
| 4494 | IMSI Pseudonymization           | Feature | New         | Normal   | Specification: Add bibliography   | neels    | 05/27/2020 01:11 PM |                                   |
| 4493 | IMSI Pseudonymization           | Feature | New         | Normal   | Specification: Cover 2G, 3G and 4G separately   | neels    | 05/27/2020 01:11 PM |                                   |
| 4476 | IMSI Pseudonymization           | Feature | Stalled     | Normal   | OsmoHLR: support IMSI pseudo in location update   | neels    | 05/27/2020 01:11 PM | Blocks #4477                      |
| 4268 | Distributed GSM                 | Bug     | In Progress | Normal   | duplicate SMS when SMPP handler sends back to the originating MSC   | neels    | 06/08/2020 03:11 PM |                                   |
| 4010 | OsmoBSC                         | Feature | New         | Low      | Test RSL CHAN ACT related details for different scenarios   | neels    | 02/06/2021 10:04 AM | Related to #4010,Related to #4010 |
| 4004 | OsmoMSC                         | Bug     | New         | Low      | lu_fsm_priv.rej_cause is never used   | neels    | 11/21/2023 02:37 AM |                                   |
| 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 |                                   |
| 3735 | OsmoMSC                         | Bug     | Stalled     | Normal   | call arriving during another call has no voice  | neels    | 06/18/2019 09:18 PM |                                   |
| 3714 | Cellular Network Infrastructure | Feature | New         | Low      | implement Internal Handover With MSC Support  | neels    | 02/06/2021 02:04 PM | Related to #3714                  |
| 3656 | OsmoBSC                         | Feature | New         | Normal   | inter-BSC handover outgoing: compose Cell Identifier List from several ARFCN+BSIC   | neels    | 06/08/2020 07:08 PM | Related to #3656                  |
| 3644 | OsmoHLR                         | Feature | New         | Normal   | allow arbitrary bytes in Global Title (GT), a.k.a. the VLR,SGSN's identification towards the HLR  | neels    | 12/01/2019 10:02 AM | Related to #3644,Related to #3644 |

| #    | Project | Tracker | Status   | Priority | Subject   | Assignee | Updated             | Related issues  |
|------|---------|---------|----------|----------|---|----------|---------------------|---|
| 3637 | OsmoBSC | Bug     | Feedback | Normal   | handover decision 2: properly check available codecs  | neels    | 10/09/2018 09:45 AM | Related to #3637,Related to #3637                                   |
| 3620 | OsmoMSC | Feature | Stalled  | Normal   | Implement TTCN-3 testsuite for Inter-MSC HO   | neels    | 09/04/2019 09:08 AM |   |
| 3586 | OsmoBSC | Feature | New      | Normal   | support LCLS for inter-BSC handover   | neels    | 01/17/2019 04:18 PM | Related to #3586,Related to #3659                                   |
| 3505 | OsmoBSC | Feature | New      | Normal   | ttn3: test inter-BSC HO with encryption enabled   | neels    | 08/28/2018 06:38 PM | Related to #3505  |
| 3483 | OsmoBSC | Feature | New      | Normal   | handover decision: if rxlev is ok but rxqual is bad, move from TCH/H to TCH/F   | neels    | 10/16/2018 01:53 PM | Related to #3483  |
| 3352 | OsmoMGW | Feature | Feedback | Low      | osmo-mgw does not allow multiple codecs in LCO  | neels    | 01/08/2020 10:25 PM |   |
| 3294 | OsmoMSC | Bug     | Stalled  | High     | transaction: refactor callref allocation  | neels    | 12/16/2019 02:37 PM | Related to #3294,Related to #3294,Related to #4333,Related to #4854 |
| 3164 | OsmoMSC | Bug     | Feedback | Low      | invalid LAI in level 3 complete: unify BSSMAP and RANAP verification  | neels    | 07/29/2019 01:34 PM | Related to #3162,Related to #3163,Related to #3164                  |
| 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                                   |
| 3110 | OsmoMSC | Bug     | New      | Normal   | Test and possibly fix ID Request after Auth failure   | neels    | 09/30/2018 11:36 AM |   |
| 3069 | OsmoMSC | Feature | New      | Normal   | investigate multiple CM Service Request on the same conn  | neels    | 10/28/2020 08:36 PM | Is duplicate of #3069   |
| 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                      |
| 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  |
| 2872 | OsmoMSC | Bug     | Feedback | Normal   | OsmoMSC doesn't check if CIPHER MODE COMPLETE contains cipher that matches REQUEST  | neels    | 07/29/2019 01:15 PM |   |
| 2840 | OsmoHLR | Feature | New      | Low      | HLR should allow 2g-only or 3g-only subscribers   | neels    | 10/28/2020 09:22 PM |   |
| 2795 | OsmoMSC | Feature | New      | Normal   | Handle UTRAN_CLSM_CHG in MSC  | neels    | 04/30/2018 12:06 PM | Related to #3043  |
| 2788 | OsmoMSC | Feature | New      | Normal   | OsmoMSC should handle CM Service Abort message  | neels    | 01/04/2018 10:37 AM |   |

| #    | Project                                  | Tracker | Status      | Priority | Subject  | Assignee | Updated             | Related issues  |
|------|--|---------|-------------|----------|--|----------|---------------------|---|
| 2781 | OsmoBSC                                  | Feature | Feedback    | Normal   | Extend OsmBSC TTCN-3 test coverage regarding resource leaks                      | neels    | 03/25/2022 05:56 AM | Related to #2781,Related to #2781,Related to #5355,Related to #5337                                   |
| 2623 | Cellular Network Infrastructure          | Feature | New         | High     | SCCP/M3UA: detect restart of osmo-msc and osmo-sgsn                              | neels    | 02/07/2021 12:55 PM | Related to #3403,Related to #4701   |
| 2584 | Cellular Network Infrastructure          | Feature | New         | Low      | Have "osmo-network-check" to verify "Network In The Box" setup                   | neels    | 10/05/2018 04:20 PM | Related to #2618  |
| 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  |
| 1683 | osmo-sip-connector                       | Bug     | Stalled     | Low      | osmo-sip-connector: Implement codec selection / move codec selection to osmo-msc | neels    | 09/23/2020 02:02 PM | Related to #1683,Related to #1683,Related to #1683,Related to #1683,Related to #3650,Related to #5177 |
| 5002 | M.2 (NGFF) WWAN modem USB breakout board | Feature | New         | Normal   | Ensure current return paths via M.2 connector are sufficient                     | mschramm | 03/23/2021 06:48 PM |   |
| 4857 | osmo-clock-gen                           | Bug     | Stalled     | Normal   | FLV9001IDBVR no longer in stock ag digikey                                       | mschramm | 04/10/2021 10:22 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  |
| 4810 | osmo-clock-conv                          | Feature | New         | Normal   | horizontal DC input on rear side of PCB  | mschramm | 10/15/2020 10:53 PM |   |
| 4678 | osmo-clock-gen                           | Feature | New         | Low      | Increase mounting hole size to support M3 screws                                 | mschramm | 07/25/2020 08:43 PM |   |
| 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   |
| 4030 | OsmocomBB                                | Feature | In Progress | Normal   | design breakout board for GTM900-B   | mschramm | 01/05/2024 08:00 AM | Related to #4575,Related to #4610   |
| 3711 | SIMtrace 2                               | Feature | New         | Normal   | Add screw holes for permanent installations                                      | mschramm | 11/01/2023 08:28 PM |   |
| 1912 | SIMtrace 2                               | Feature | Stalled     | Low      | do proper re-layout of the board   | mschramm | 10/20/2020 08:39 AM | Related to #4118  |
| 1706 | SIMtrace 2                               | Feature | In Progress | Low      | Hardware / Circuit board update for SAM3S based SIMtrace2 with 1.8V/5V support   | mschramm | 10/28/2023 11:25 AM | Related to #1706,Related to #5464,Related to #4118,Related to #5826                                   |
| 1457 | SIMtrace 2                               | Feature | New         | Low      | Spacing between JTAG and JP1/JP2   | mschramm | 09/13/2018 07:07 PM |   |

| #    | Project  | Tracker | Status      | Priority | Subject  | Assignee | Updated             | Related issues   |
|------|--|---------|-------------|----------|--|----------|---------------------|------------------|
| 6192 | OP25   | Bug     | New         | Normal   | Unable to host behind NGINX reverse proxy  | max      | 09/27/2023 01:56 AM |                  |
| 4593 | OP25   | Support | New         | Normal   | Link to samples on the wiki is dead  | matt     | 06/07/2020 06:53 PM |                  |
| 6282 | OCTOI - Osmocom Community TDM over IP          | Bug     | New         | Normal   | high BERT from laforge->divf->manawyrm   | manawyrm | 12/03/2023 04:03 PM | Related to #6282 |
| 6249 | libosmocore                                    | Bug     | In Progress | Low      | logging: ANSI color sequences should be reset after log message                            | manawyrm | 12/04/2023 07:00 AM | Related to #6284 |
| 5730 | OsmoMGW  | Feature | New         | Low      | Fax over GSM support   | manawyrm | 10/16/2023 08:53 PM | Precedes #5730   |
| 6435 | osmo-ePDG - VoWifi Evolved Packet Data Gateway | Bug     | In Progress | Normal   | epdg: fix inter-UE traffic   | lynxis   | 04/08/2024 06:55 PM |                  |
| 6396 | osmo-ePDG - VoWifi Evolved Packet Data Gateway | Bug     | Feedback    | Normal   | add support for auth failure with resync   | lynxis   | 03/11/2024 10:19 AM |                  |
| 6370 | osmo-ePDG - VoWifi Evolved Packet Data Gateway | Bug     | In Progress | Normal   | setup ims with kamilio   | lynxis   | 03/14/2024 09:01 PM |                  |
| 6366 | osmo-ePDG - VoWifi Evolved Packet Data Gateway | Bug     | New         | Normal   | strongswan: test if gsup_client will resend old requests on reconnect                      | lynxis   | 02/18/2024 09:16 PM | Related to #6366 |
| 6365 | osmo-ePDG - VoWifi Evolved Packet Data Gateway | Bug     | New         | Normal   | strongswan: get the PDP type out of the IKE_AUTH/CFG_REQUEST                               | lynxis   | 02/23/2024 03:29 AM |                  |
| 6364 | osmo-ePDG - VoWifi Evolved Packet Data Gateway | Bug     | In Progress | Normal   | strongswan: gsup: remove single request limitation   | lynxis   | 02/20/2024 05:59 PM | Related to #6366 |
| 6363 | osmo-ePDG - VoWifi Evolved Packet Data Gateway | Bug     | New         | Normal   | strongswan: Catch IKEv2 disconnects  | lynxis   | 02/17/2024 01:21 AM |                  |
| 6361 | osmo-ePDG - VoWifi Evolved Packet Data Gateway | Bug     | Feedback    | Normal   | open5gs-upfd: Fix open5gs package assigning 1st IP address of the UE pool to the ogstun    | lynxis   | 04/22/2024 05:29 PM | Related to #6361 |
| 6254 | OsmoDia2GSUP                                   | Bug     | In Progress | Normal   | Reconnects of the ttcn3 aren't handled   | lynxis   | 11/11/2023 05:13 PM |                  |
| 6215 | Cellular Network Infrastructure                | Bug     | New         | Normal   | Rebase open5gs pcrf_simple patches and submit upstream                                     | lynxis   | 10/18/2023 02:53 PM |                  |
| 6158 | OsmoHNBGW                                      | Bug     | New         | Normal   | IMSI not shown in "show ue all"  | lynxis   | 08/29/2023 03:11 PM |                  |
| 6155 | OsmoDia2GSUP                                   | Bug     | Feedback    | Normal   | osmo_dia2gsup not setting Origin-State-Id Diameter AVP during Device-Watchdog-{Req,Answer} | lynxis   | 11/11/2023 06:19 PM |                  |
| 6137 | OsmoHNBGW                                      | Feature | New         | Normal   | ip.access Nano3G   | lynxis   | 10/21/2023 07:24 PM |                  |

| #    | Project  | Tracker | Status      | Priority | Subject  | Assignee | Updated             | Related issues   |
|------|--|---------|-------------|----------|--|----------|---------------------|------------------|
| 6091 | osmo-ePDG - VoWifi Evolved Packet Data Gateway | Bug     | Feedback    | High     | osmo-epdg: Implement CEAL interface (GSUP) ePDG <> strongswan  | lynxis   | 03/14/2024 04:36 PM |                  |
| 5889 | OsmoHLR  | Bug     | In Progress | Normal   | subscriber data: send out correct PDP Info   | lynxis   | 09/01/2023 04:20 PM |                  |
| 5880 | OsmoSGSN                                       | Bug     | In Progress | High     | User Manual sections 11.1.1-2 document non-existing (removed?) VTY commands                            | lynxis   | 03/28/2023 02:45 PM |                  |
| 5861 | osmo-ePDG - VoWifi Evolved Packet Data Gateway | Feature | In Progress | Urgent   | extend charon with external authentication interface   | lynxis   | 02/07/2024 04:00 PM | Related to #5868 |
| 5758 | OsmoDia2GSUP                                   | Feature | New         | Normal   | bring osmo_dia2gsup to production quality  | lynxis   | 03/30/2023 08:13 PM |                  |
| 5757 | OsmoDia2GSUP                                   | Feature | Feedback    | Normal   | functional test suite for osmo_dia2gsup  | lynxis   | 09/06/2023 02:48 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 |                  |
| 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 |                  |
| 5657 | OsmoDia2GSUP                                   | Bug     | Feedback    | Normal   | dia2gsup not (re-)connecting to HLR if osmo-hlr is down  | lynxis   | 11/11/2023 06:20 PM |                  |
| 5632 | Core testing infrastructure                    | Bug     | In Progress | Normal   | better test result summary / notifications   | lynxis   | 08/31/2022 11:58 AM |                  |
| 5507 | libosmocore                                    | Feature | New         | Normal   | Optimize reset time after SGSN is restarted  | lynxis   | 03/31/2022 12:33 PM |                  |
| 5415 | SIMtrace 2                                     | Bug     | New         | Normal   | cardem: watchdog triggers firmware reset   | lynxis   | 02/15/2022 08:07 PM |                  |
| 5277 | libosmocore                                    | Bug     | New         | Normal   | ns2: Allow SNS-CONFIG PDUs from unknown endpoints during config procedure                              | lynxis   | 10/22/2021 02:28 PM |                  |
| 5241 | OsmoGGSN (former OpenGGSN)                     | Bug     | Feedback    | Low      | GTP: Malformed Packet pdp ctx response.  | lynxis   | 03/23/2022 05:31 PM |                  |
| 5230 | OsmoHNBGW                                      | Bug     | In Progress | Normal   | hnbgw fails to connect to the sgsn   | lynxis   | 10/14/2021 07:50 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 |                  |
| 5208 | libosmocore                                    | Bug     | Feedback    | Normal   | ns2: add testcase for SNS Size with invalid tlv  | lynxis   | 02/12/2023 08:37 PM |                  |
| 5180 | libosmocore                                    | Bug     | In Progress | Normal   | ns2: Document NS inspection/blocking commands  | lynxis   | 06/15/2021 01:10 PM |                  |
| 5179 | libosmocore                                    | Bug     | New         | Normal   | gprs_ns2: use refcounting for the NSE  | lynxis   | 06/13/2021 03:08 AM |                  |
| 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 |                  |
| 4845 | OsmoPCU  | Bug     | Feedback    | Normal   | only send content resolution if it's needed  | lynxis   | 07/28/2023 02:45 PM |                  |
| 4844 | OsmoPCU  | Bug     | Feedback    | Normal   | do not resent DL assignment on RACH  | lynxis   | 07/28/2023 02:44 PM |                  |
| 4768 | OsmoBSC  | Bug     | New         | Normal   | pcu interface: add missing field ts, trx on rach indication  | lynxis   | 09/30/2020 08:10 PM |                  |

| #    | Project  | Tracker | Status      | Priority | Subject   | Assignee | Updated             | Related issues   |
|------|--|---------|-------------|----------|---|----------|---------------------|--|
| 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   |
| 4604 | OsmoSGSN   | Bug     | New         | Normal   | Lots of "Unusual event"   | lynxis   | 06/13/2020 06:19 PM | Related to #4604, Related to #4604, Related to #4604, Related to #4604 |
| 4602 | OsmoSGSN   | Bug     | Feedback    | Normal   | SGSN crash with "Assert failed mm->gb.lme == NULL gprs_sgsn.c:358"                | lynxis   | 02/26/2021 07:34 PM | Related to #4604, Related to #4605, Related to #4602                   |
| 4601 | OsmoSGSN   | Bug     | Feedback    | Normal   | gmm_fsm{Registered.SUSPENDED}: Event E_GMM_COMMON_PROC_INIT_REQ not permitted     | lynxis   | 06/08/2020 06:11 PM | Related to #4604   |
| 4600 | OsmoSGSN   | Bug     | Feedback    | Normal   | gmm_fsm{CommonProcedureInitiated}: Event E_GMM_COMMON_PROC_INIT_REQ not permitted | lynxis   | 06/08/2020 06:08 PM | Related to #4604   |
| 4520 | osmo-gbproxy   | Feature | In Progress | Normal   | gbproxy: Redundancy between NS-VCs (BSS Side)                                     | lynxis   | 02/19/2021 04:50 PM | Related to #4520   |
| 3567 | Cellular Network Infrastructure                        | Bug     | New         | Low      | coverity: move the secret token out of \$HOME/osmo-ci/...                         | lynxis   | 07/18/2019 05:22 AM |  |
| 3403 | OsmoSGSN   | Bug     | New         | Normal   | osmo-sgsn doesn't connect properly with via SCCP when restarted                   | lynxis   | 02/07/2021 12:57 PM | Related to #3403   |
| 2955 | OsmoSGSN   | Bug     | New         | High     | No GMM ATTACH REJECT on GSUP UpdateLocation Error                                 | lynxis   | 09/10/2019 07:39 PM |  |
| 2237 | OsmoGSMTester  | Bug     | Feedback    | Normal   | ofono: Gobi modem: successful SMS delivery is evaluated as not successful         | lynxis   | 06/07/2018 02:08 PM | Related to #2237, Related to #2237, Blocks #2237                       |
| 2189 | OsmoGSMTester  | Bug     | New         | Normal   | ofono: EC20: cannot send SMS  | lynxis   | 11/28/2017 04:21 PM |  |
| 6415 | E1/T1 Hardware Interface (including icE1usb)           | Bug     | New         | Low      | osmo_panic after truncated packet   | laforge  | 03/22/2024 06:54 PM |  |
| 6392 | Osmocom Conferences (OsmoDevCon, OsmoCon, OsmoDevCall) | Feature | New         | Normal   | video recording / c3voc at OsmoDevCon 2024  | laforge  | 03/06/2024 12:08 PM |  |
| 6381 | Core testing infrastructure                            | Bug     | Feedback    | Low      | libosmocore changes take too long until they propagate through OBS master         | laforge  | 03/01/2024 10:10 AM |  |
| 6340 | pySim  | Bug     | New         | Low      | exception when using osmo-smdpp with python 3.9                                   | laforge  | 02/15/2024 09:29 PM |  |
| 6317 | pySim  | Bug     | Stalled     | Normal   | data driven tests for TLV decoders  | laforge  | 02/15/2024 09:21 PM |  |



| #    | Project  | Tracker | Status      | Priority | Subject   | Assignee | Updated             | Related issues |
|------|--|---------|-------------|----------|---|----------|---------------------|----------------|
| 6291 | Osmocom Conferences (OsmoDevCon, OsmoCon, OsmoDevCall) | Bug     | New         | Normal   | 2024 event bringing together FOSS projects related to mobile communications | laforge  | 12/13/2023 08:54 PM |                |
| 6290 | Osmocom Conferences (OsmoDevCon, OsmoCon, OsmoDevCall) | Feature | In Progress | High     | Organize OsmoDevCon 2024  | laforge  | 03/06/2024 12:06 PM |                |
| 6274 | OCTOI - Osmocom Community TDM over IP                  | Bug     | New         | Low      | yate is eating 260% CPU while doing nothing                                 | laforge  | 11/25/2023 02:31 PM |                |
| 6246 | OCTOI - Osmocom Community TDM over IP                  | Feature | New         | Low      | co-locate cisco 2811 for FrameRelay and X.25                                | laforge  | 11/06/2023 01:48 PM |                |
| 6245 | OCTOI - Osmocom Community TDM over IP                  | Feature | New         | Low      | co-locate cisco 2811 ITP/STP in data center                                 | laforge  | 11/06/2023 01:46 PM |                |
| 6244 | Retronetworking  | Feature | New         | Low      | scan more/all EWS(O) documentation laforge has                              | laforge  | 11/01/2023 09:50 PM |                |
| 6237 | Retronetworking  | Feature | New         | Low      | Design + Build PCBA for NE555 based fake fan rpm sensor                     | laforge  | 10/30/2023 01:38 AM |                |
| 6219 | Retronetworking  | Feature | New         | Normal   | Publish pics/videos for EWSD rescue/move                                    | laforge  | 10/17/2023 02:10 PM |                |
| 6218 | Retronetworking  | Feature | New         | Normal   | write article/report on EWSD rescue for IGHFT / Fernmeldemuseum Dresden     | laforge  | 10/17/2023 02:11 PM |                |
| 6195 | Retronetworking  | Feature | New         | Low      | Wiki page on Cisco *WIC-* line cards for 26xx/28xx series                   | laforge  | 10/08/2023 07:33 AM |                |
| 6194 | Retronetworking  | Feature | New         | Low      | wiki page on MultiTech MT5600-BL  | laforge  | 09/27/2023 12:46 PM |                |
| 6193 | Retronetworking  | Support | New         | Low      | Replace "event rack" PM3 power supply                                       | laforge  | 09/27/2023 12:19 PM |                |
| 6169 | osmo-e1d   | Bug     | New         | High     | Frame masking against network frame ordering, not frame numbers             | laforge  | 10/18/2023 03:19 PM |                |
| 6119 | pySim  | Bug     | In Progress | Normal   | aram_get_config runs into an exception on a sysmocomSJA2                    | laforge  | 12/05/2023 05:26 PM |                |
| 6089 | pySim  | Feature | Feedback    | Normal   | log the current file / operation during execution of a script               | laforge  | 11/27/2023 04:37 PM |                |
| 6086 | pySim  | Feature | New         | Low      | implement features of sysmo-{usim, isim}-tool                               | laforge  | 07/13/2023 04:09 AM |                |
| 6023 | Core testing infrastructure                            | Feature | Stalled     | Normal   | test rack/lab power management software with usage/reference counting       | laforge  | 10/18/2023 05:42 PM |                |
| 5947 | Retrocomputing   | Feature | New         | Low      | Assemble PC104-SVGA   | laforge  | 03/15/2023 09:29 AM |                |
| 5940 | Retrocomputing   | Feature | New         | Low      | Assemble LPT_Capture  | laforge  | 03/15/2023 09:06 AM |                |

| #    | Project                               | Tracker | Status      | Priority | Subject   | Assignee | Updated             | Related issues                                       |
|------|---------------------------------------|---------|-------------|----------|---|----------|---------------------|--|
| 5939 | Retrocomputing                        | Bug     | In Progress | Low      | Assemble GraphicGremlin / isavideo  | laforge  | 03/15/2023 09:06 AM |  |
| 5938 | Retrocomputing                        | Feature | In Progress | Normal   | assemble "fake parallel printer"  | laforge  | 09/13/2023 09:32 AM |  |
| 5936 | Retrocomputing                        | Feature | New         | Low      | Assemble netpi-ide  | laforge  | 03/02/2023 09:25 PM |  |
| 5934 | Retrocomputing                        | Feature | In Progress | Low      | Assemble Pico-GUS   | laforge  | 03/06/2023 04:25 PM |  |
| 5933 | Retrocomputing                        | Feature | In Progress | Low      | Assemble XT-CF-Lite v4.1  | laforge  | 03/20/2023 09:54 AM |  |
| 5932 | Retrocomputing                        | Feature | New         | Low      | assemble ISA-USB  | laforge  | 03/02/2023 09:25 PM |  |
| 5929 | Cellular Network Infrastructure       | Feature | In Progress | Normal   | document current (milestones of) nlnet funded projects; mention nlnet funding | laforge  | 04/04/2023 10:05 AM |  |
| 5921 | SIMtrace 2                            | Bug     | In Progress | High     | simtrace2 cardem vs. Linux kernel USB autosuspend                             | laforge  | 09/16/2023 10:47 PM | Related to #5921                                     |
| 5896 | libosmo-abis                          | Bug     | Feedback    | Normal   | libosmo-abis built without --enable-e1d in deb and rpm packages               | laforge  | 02/07/2023 11:40 AM | Blocks #5896   |
| 5892 | SDR (Software Defined Radio)          | Feature | Stalled     | Low      | design/build ext clock input board for PlutoSDR Rev.B                         | laforge  | 10/18/2023 05:23 PM |  |
| 5891 | osmo-remsim                           | Bug     | New         | Normal   | bankd: potential pthread deadlock reported by coverity                        | laforge  | 02/03/2023 07:35 PM |  |
| 5885 | OCTOI - Osmocom Community TDM over IP | Feature | New         | Low      | set up a second GPS03 + icE1usb setup   | laforge  | 01/31/2023 08:05 PM | Related to #5885                                     |
| 5855 | Retronetworking                       | Feature | New         | Normal   | Establishing a German non-profit for retronetworking                          | laforge  | 01/13/2023 11:59 AM |  |
| 5826 | SIMtrace 2                            | Feature | Stalled     | Normal   | SAM4S4BA support in firmware  | laforge  | 01/31/2023 08:06 PM | Related to #5826                                     |
| 5824 | osmo-e1d                              | Bug     | Feedback    | Normal   | Line dead message in the log after start                                      | laforge  | 12/25/2023 01:43 PM |  |
| 5745 | osmo-lab-rack                         | Feature | In Progress | Low      | component carrier Ethernet switch   | laforge  | 02/03/2023 11:29 AM |  |
| 5694 | OCTOI - Osmocom Community TDM over IP | Bug     | Stalled     | Normal   | BERT testing  | laforge  | 12/31/2022 08:24 PM |  |
| 5691 | libosmo-abis                          | Feature | Stalled     | Normal   | Expose DAHDI statistics to prometheus   | laforge  | 01/05/2023 06:06 PM |  |
| 5681 | Retronetworking                       | Bug     | New         | Normal   | Figure out suitable connectors for EKSOS                                      | laforge  | 07/31/2023 10:22 AM |  |
| 5633 | osmo-clock-gen                        | Feature | New         | Normal   | towards a first osmo-clock-gen production batch                               | laforge  | 07/26/2022 12:39 PM |  |
| 5630 | pySim                                 | Bug     | Stalled     | Normal   | pySim-trace doesn't support decoding classic SIM cards (TS 11.11 / TS 51.011) | laforge  | 07/24/2022 11:06 AM |  |
| 5614 | osmo-remsim                           | Feature | New         | Normal   | log also application-level errors   | laforge  | 07/11/2022 08:09 PM |  |
| 5578 | SIMtrace 2                            | Bug     | Stalled     | Low      | osmo-remsim-client-st2 hangs after usb-reset without power loss on qmod       | laforge  | 01/31/2023 08:25 PM | Related to #5921                                     |
| 5564 | OsmoMSC                               | Bug     | Stalled     | High     | blocking database I/O by SMS database   | laforge  | 05/16/2022 08:20 PM | Related to #5564, Related to #5566, Related to #5564 |

| #    | Project                               | Tracker | Status      | Priority | Subject   | Assignee | Updated             | Related issues                                       |
|------|---------------------------------------|---------|-------------|----------|---|----------|---------------------|--|
| 5563 | OsmoMSC                               | Bug     | Stalled     | High     | OsmoMSC sometimes stalls for dozens of seconds in a production deployment | laforge  | 08/04/2022 08:15 AM | Related to #5564, Related to #5563, Related to #5566 |
| 5559 | OsmoMSC                               | Bug     | Stalled     | Urgent   | OsmoMSC at 100% CPU and unresponsive for up to several minutes!           | laforge  | 08/04/2022 08:14 AM | Related to #5563                                     |
| 5527 | osmo-remsim                           | Bug     | Stalled     | High     | warn on duplicate client (id) connections                                 | laforge  | 07/13/2022 01:25 PM | Related to #5527                                     |
| 5488 | Retronetworking                       | Feature | In Progress | Low      | create DAHDI mirror sniffer   | laforge  | 11/07/2022 06:04 PM |  |
| 5481 | Open Source IMS Client                | Feature | New         | Urgent   | SIM card interface for doubango   | laforge  | 03/25/2022 11:00 AM | Related to #5482                                     |
| 5480 | Open Source IMS Client                | Feature | In Progress | High     | Linux kernel IPsec plugin for doubango                                    | laforge  | 03/25/2022 10:44 AM |  |
| 5466 | OsmocomBB                             | Feature | New         | Normal   | CP2102N evaluation for burst_ind baudrate                                 | laforge  | 02/22/2022 07:17 PM |  |
| 5464 | SIMtrace 2                            | Bug     | In Progress | Normal   | cardem firmware unable to attach to card                                  | laforge  | 11/18/2022 06:41 PM | Related to #5464                                     |
| 5442 | OCTOI - Osmocom Community TDM over IP | Feature | New         | Normal   | ensure sequence number covers longer duration than default PRI LOS timer  | laforge  | 02/06/2022 08:16 AM |  |
| 5437 | OCTOI - Osmocom Community TDM over IP | Feature | New         | Low      | brainstorm about making protocol even more efficient                      | laforge  | 01/30/2022 01:45 PM |  |
| 5436 | OCTOI - Osmocom Community TDM over IP | Feature | New         | Low      | BRI variant of OCTOI protocol   | laforge  | 01/30/2023 06:49 PM | Related to #5436                                     |
| 5429 | OCTOI - Osmocom Community TDM over IP | Feature | New         | Normal   | authentication in TDMoIP protocol   | laforge  | 11/07/2022 05:29 PM |  |
| 5422 | SIMtrace 2                            | Feature | In Progress | Normal   | "cardem" continuous testing setup   | laforge  | 01/27/2022 12:22 PM | Related to #5422                                     |
| 5419 | SIMtrace 2                            | Bug     | Stalled     | High     | cardem errors with higher baud rate                                       | laforge  | 11/07/2022 06:22 PM |  |
| 5417 | OCTOI - Osmocom Community TDM over IP | Feature | Stalled     | Low      | S/T (S0) ISDN BRI adapter with VCXO / GPS-DO                              | laforge  | 05/16/2023 08:06 AM | Related to #5436                                     |
| 5403 | OsmoMSC                               | Feature | New         | Normal   | Can't connect Call from 2G to 4G network                                  | laforge  | 01/14/2022 10:41 PM |  |
| 5386 | osmo-e1d                              | Bug     | New         | Low      | stop watchdog when LOS is present   | laforge  | 01/05/2022 08:38 PM |  |
| 5378 | erlang/osmo_ss7                       | Bug     | New         | Normal   | ipa: add support for client application                                   | laforge  | 01/05/2022 08:36 PM |  |
| 5268 | pySim                                 | Feature | New         | Normal   | pySim-shell: GlobalPlatform SCP02 support                                 | laforge  | 10/14/2021 07:12 PM | Related to #5268                                     |
| 5127 | pySim                                 | Feature | New         | Normal   | tool for "re-formatting" [sysmocom] cards in tester                       | laforge  | 10/14/2021 07:16 PM | Related to #5127                                     |
| 5124 | Cellular Network Infrastructure       | Feature | Feedback    | Normal   | network:osmocom:nightly feed with "-O0" builds                            | laforge  | 05/11/2023 11:11 AM |  |

| #    | Project                         | Tracker | Status      | Priority | Subject  | Assignee | Updated             | Related issues                     |
|------|---------------------------------|---------|-------------|----------|--|----------|---------------------|------------------------------------|
| 4944 | OsmoCBC                         | Feature | New         | Low      | 3G SABP support in OsmoCBC   | laforge  | 01/13/2021 09:13 AM | Related to #4944, Related to #4944 |
| 4916 | osmo-e1d                        | Bug     | Stalled     | High     | USB unplug / replugin renders e1d unusable   | laforge  | 12/04/2023 12:34 PM | Related to #5983                   |
| 4829 | OsmocomBB                       | Bug     | Stalled     | High     | OsmocomBB Rx bit errors in dedicated mode  | laforge  | 02/06/2021 09:11 AM | Related to #4832                   |
| 4809 | osmo-clock-conv                 | Feature | New         | Low      | alignment of DC barrel with face plate   | laforge  | 10/16/2020 05:29 PM | Related to #4814                   |
| 4727 | libosmocore                     | Feature | Feedback    | Normal   | Add more distro/platform/archs to jenkins CI   | laforge  | 05/15/2023 09:48 AM | Is duplicate of #4789              |
| 4692 | Core testing infrastructure     | Feature | Stalled     | Normal   | finally implement testing of the actual voice audio path   | laforge  | 04/19/2021 06:27 PM |                                    |
| 4683 | OsmoBSC                         | Bug     | New         | Normal   | properly report OM2000 bring-up problems   | laforge  | 07/30/2020 06:50 AM | Related to #4683, Related to #6378 |
| 4650 | OsmoBSC                         | Feature | New         | Normal   | Add BIG FAT error message in case OM2000 BTS fail to start up  | laforge  | 07/04/2020 07:30 PM |                                    |
| 4649 | OsmoBSC                         | Bug     | New         | Low      | OM2K SI5ter: abis_rsl.c:1237 (bts=0,trx=0) ERROR REPORT (cause=Service or Option not available [ 3f ]) | laforge  | 07/04/2020 07:13 PM |                                    |
| 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 |                                    |
| 4614 | OsmoBSC                         | Bug     | Stalled     | Low      | "bogus channel load sample" when using BS-11, Nokia or Ericsson BTS                                    | laforge  | 02/13/2021 05:34 PM |                                    |
| 4608 | libosmo-sccp + libosmo-sigtran  | Feature | New         | Low      | "action" commands to interactively shutdown/re-enable/restart sigtran connections                      | laforge  | 06/10/2020 01:12 PM |                                    |
| 4578 | Cellular Network Infrastructure | Bug     | New         | High     | Updated slides / presentations / videos on setting up Osmocom CNI                                      | laforge  | 02/13/2021 05:35 PM |                                    |
| 4535 | OsmoMGW                         | Feature | In Progress | Low      | Develop "E1/Abis generator"  | laforge  | 01/02/2022 01:57 PM | Precedes #2547                     |
| 4521 | osmo-gbproxy                    | Feature | New         | Normal   | gbproxy: Redundancy between NS-VCs (SGSN Side)   | laforge  | 01/19/2021 05:24 PM | Related to #4959                   |
| 4498 | osmo-uecups                     | Feature | New         | Normal   | IPv6 neighbor discovery  | laforge  | 04/17/2020 08:33 AM |                                    |
| 4496 | osmo-uecups                     | Feature | New         | Low      | implement filters for sharing as single tun device between multiple bearers                            | laforge  | 04/17/2020 08:31 AM |                                    |
| 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 |                                    |
| 4464 | libosmo-abis                    | Bug     | In Progress | Normal   | "osmo_rtp_socket_poll(): ERROR!" messages during normal osmo-bts usage                                 | laforge  | 02/06/2021 02:27 PM | Related to #4467                   |
| 4440 | OsmoBTS                         | Bug     | New         | Normal   | osmo_bts_virtual doesn't detect if mobile/virtphy is gone  | laforge  | 03/07/2020 03:44 PM |                                    |
| 4431 | osmo-clock-gen                  | Bug     | In Progress | Normal   | TC1 (TC2050) pin 4 should connect to VDD network, not VDD_3V3  | laforge  | 07/20/2020 10:42 PM |                                    |

| #    | Project                         | Tracker | Status   | Priority | Subject  | Assignee | Updated             | Related issues  |
|------|---------------------------------|---------|----------|----------|--|----------|---------------------|---|
| 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 |   |
| 4354 | OsmocomBB                       | Bug     | New      | Low      | update wiki about GTM-900B compatibility   | laforge  | 09/30/2020 11:38 PM |   |
| 4341 | BBS-Revival                     | Feature | New      | Normal   | setup for telnet access to legacy BBS software which doesn't have telnet/tcp support   | laforge  | 10/03/2022 12:09 PM |   |
| 4249 | osmo-remsim                     | Feature | New      | Normal   | ability to explicitly provision an "empty SIM card slot" to a modem  | laforge  | 09/08/2021 07:48 PM | Related to #5216  |
| 4149 | libosmocore                     | Bug     | New      | Normal   | osmo_fsm allows event names to have spaces in them   | laforge  | 01/25/2022 09:53 AM |   |
| 4105 | libosmocore                     | Feature | New      | Normal   | Support for LTE key derivation functions   | laforge  | 07/13/2019 02:07 AM | Related to #4105  |
| 4104 | libosmocore                     | Bug     | New      | Normal   | support for KASME generation   | laforge  | 07/12/2019 10:15 AM | Related to #4105  |
| 4041 | SIMtrace 2                      | Bug     | New      | Normal   | implement SIMTRACE_CMD_BD_BOARD_INFO   | laforge  | 12/06/2019 01:38 PM | Related to #4041  |
| 3977 | OsmoCBC                         | Feature | New      | High     | SABP stream delineation routines   | laforge  | 09/23/2019 04:49 AM | Related to #3979,Related to #4944                               |
| 3887 | osmo-remsim                     | Feature | New      | Low      | remsim-client: allow for local handling of APDUs   | laforge  | 12/03/2019 12:20 AM |   |
| 3886 | osmo-remsim                     | Feature | New      | Normal   | expose ICCID or even IMSI of all cards on remsim-server  | laforge  | 05/08/2019 03:31 PM | Precedes #3886  |
| 3885 | osmo-remsim                     | Feature | New      | Normal   | remsim-server should expose status information   | laforge  | 04/01/2019 07:23 PM | Precedes #3885  |
| 3884 | osmo-remsim                     | Feature | New      | Normal   | redesign bankd thread architecture   | laforge  | 05/08/2019 03:31 PM | Related to #5527,Precedes #3885,Precedes #3886                  |
| 3871 | libosmo-sccp + libosmo-sigtran  | Bug     | Feedback | Low      | osmo_scu_prim conn_id should be scoped per-user and direction, and should not correlate with the local-reference spoken on the SCCP wire | laforge  | 04/02/2023 09:01 AM | Related to #3871,Related to #3871,Related to #5579,Blocks #3872 |
| 3712 | SIMtrace 2                      | Bug     | New      | Low      | TRACE_FATAL not printing   | laforge  | 04/06/2021 01:28 AM |   |
| 3569 | OsmoBTS                         | Bug     | Stalled  | Normal   | Some phones don't receive SMS CB   | laforge  | 01/14/2019 03:32 PM |   |
| 3568 | OsmoBTS                         | Bug     | Stalled  | High     | CBCH on SDCCH/8 not working for osmo-bts-sysmo   | laforge  | 01/14/2019 03:29 PM |   |
| 3566 | Misc Hardware Projects          | Feature | Stalled  | Normal   | power supply / battery / charge for our GSM-R OPS 940  | laforge  | 04/02/2023 09:05 AM |   |
| 3379 | SIMtrace 2                      | Bug     | Stalled  | High     | documentation on how to use SIMtrace2  | laforge  | 11/14/2022 05:31 PM | Related to #3379  |
| 3371 | SIMtrace 2                      | Feature | New      | Normal   | migrate to use arm-none-eabi build of libosmocore.git  | laforge  | 08/09/2018 12:14 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                               |
| 3020 | OsmoBSC                         | Bug     | New      | Normal   | OsmoBSC PCU socket interface not yet tested by BSC_Tests.tcn   | laforge  | 05/21/2019 06:29 PM |   |

| #    | Project                         | Tracker | Status      | Priority | Subject   | Assignee | Updated             | Related issues  |
|------|---------------------------------|---------|-------------|----------|---|----------|---------------------|---|
| 2979 | OsmoBTS                         | Bug     | Stalled     | Low      | osmo-bts-virtual reports bogus measurement values                             | laforge  | 07/18/2019 06:06 AM |   |
| 2807 | Z-Netz                          | Bug     | Stalled     | Normal   | Obtain ZERBERUS software build[s] and manual[s]                               | laforge  | 01/01/2020 01:51 PM |   |
| 2724 | OsmoBSC                         | Feature | New         | Normal   | Improve default timers  | laforge  | 01/04/2018 11:06 AM | Related to #2724  |
| 2604 | Cellular Network Infrastructure | Feature | Stalled     | High     | GSUP-to-DIAMETER converter / IWF  | laforge  | 02/29/2020 11:27 AM | Related to #5646  |
| 2601 | libosmo-sccp + libosmo-sigtran  | Feature | New         | Low      | osmo-msc still needs libosmo-sccp-dev for SCCP CAUSE definitions              | laforge  | 02/13/2021 06:07 PM |   |
| 2394 | OsmoHNBGW                       | Feature | New         | Low      | Implement SABP (Service Area Broadcast Protocol)                              | laforge  | 12/30/2020 01:19 AM | Related to #2392,Related to #3979                                   |
| 2383 | OsmoPCU                         | Bug     | New         | Normal   | incompatibility with some SGSNs during P-TMSI allocation                      | laforge  | 07/04/2018 12:50 PM |   |
| 2259 | libosmo-sccp + libosmo-sigtran  | Bug     | New         | Normal   | problem with local reference  | laforge  | 07/19/2017 04:25 PM |   |
| 1975 | Cellular Network Infrastructure | Feature | New         | Low      | Redesigned configuration management / MIB                                     | laforge  | 02/16/2021 05:59 PM |   |
| 1908 | osmo-qcdiag                     | Feature | New         | Normal   | add VTY interface to osmo-qcdiag  | laforge  | 01/12/2017 01:15 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 |
| 1705 | SIMtrace 2                      | Bug     | Stalled     | High     | re-integrate tracing + card reader modes into SIMtrace2 firmware (SAM3S)      | laforge  | 04/06/2021 01:19 AM | Related to #1705,Related to #3379                                   |
| 1463 | SIMtrace 2                      | Feature | New         | Low      | Add VCC current sensing circuit for SPA & DPA attacks                         | laforge  | 08/27/2018 07:05 AM | Related to #1706  |
| 1460 | SIMtrace 2                      | Feature | New         | Normal   | include some version information / negotiation in the USB protocol            | laforge  | 12/06/2019 01:39 PM | Related to #1461,Related to #4041                                   |
| 6153 | OsmoHNodeB                      | Support | Feedback    | Normal   | List of supported FemtoCell   | Kira     | 08/28/2023 02:24 PM |   |
| 6436 | OsmoPCU                         | Bug     | New         | High     | high cpu usage, entire BTS unresponsive after some hours                      | keith    | 04/13/2024 04:32 PM |   |
| 6378 | OsmoBSC                         | Bug     | New         | Low      | Ericsson DUG 20 rejects SI2quater   | keith    | 03/10/2024 06:38 PM | Related to #6378  |
| 5986 | OsmoBSC                         | Bug     | New         | Normal   | PAGING impossible until CCCH LOAD IND is received from the BTS                | keith    | 03/31/2023 09:13 AM |   |
| 5944 | OsmoBTS                         | Bug     | In Progress | Low      | DTXu + AMR on TCH/H appears to be not usable on osmo-bts-sysmo                | keith    | 03/28/2023 03:56 PM |   |
| 5833 | OsmoPCU                         | Feature | New         | Low      | A "meas-feed" for osmo-pcu  | keith    | 12/18/2022 06:42 PM |   |
| 5740 | OsmoBSC                         | Feature | New         | Low      | Disallow unworkable AMR modes.  | keith    | 11/08/2022 05:15 PM |   |

| #    | Project        | Tracker | Status      | Priority | Subject  | Assignee | Updated             | Related issues   |
|------|----------------|---------|-------------|----------|--|----------|---------------------|--|
| 5491 | OsmoMSC        | Bug     | New         | Low      | MT CSFB calls fail (only) first time after Airplane mode toggle (probably on first attach to EUTRAN too) | keith    | 03/19/2022 09:37 PM |  |
| 5246 | OsmoBSC        | Bug     | New         | Low      | sigsegv in bts_count_free_ts()   | keith    | 10/03/2021 08:08 PM | Related to #5324   |
| 5106 | OsmoBSC        | Feature | Feedback    | Urgent   | Watchdog that would try to un-BORKE BORKen timeslots   | keith    | 02/07/2023 06:25 PM | Related to #5106,Related to #5785,Related to #5786,Related to #5106  |
| 4922 | OsmoBSC        | Feature | In Progress | Normal   | Implement MS Power Control   | keith    | 11/04/2021 06:37 PM |  |
| 4856 | OsmoPCU        | Bug     | Feedback    | Normal   | PCU is running but has no NS connection and does not retry.  | keith    | 10/18/2021 10:02 AM |  |
| 2487 | OsmoMSC        | Feature | Stalled     | Normal   | MSC side of LCLS (local call local switching) as per the 3GPP specs                                      | keith    | 10/17/2022 04:31 AM | Related to #1602,Related to #3659,Related to #3691,Related to #3618,Related to #3294,Related to #5712,Blocks #2487 |
| 5770 | SIMtrace 2     | Bug     | Feedback    | Normal   | simtrace2 firmware ignores any but the first USB message sent by simtrace2-list after a reset            | jtavares | 11/23/2022 04:01 AM |  |
| 6152 | OsmoMSC        | Bug     | In Progress | Normal   | built-in MNCC: forward the @Low layer compatibility I@ IE to the called subscriber                       | jolly    | 12/20/2023 12:52 PM | Related to #6152   |
| 6136 | OsmoMGW        | Feature | Stalled     | Normal   | libosmo-mgcp-client should ignore unknown codecs in SDP  | jolly    | 12/07/2023 06:27 AM | Related to #6136,Related to #6177,Blocks #6136   |
| 6060 | OsmoMGW        | Bug     | New         | Low      | osmo-mgw: Implement MGCP RestartInProgress (RSIP)  | jolly    | 10/18/2023 04:59 PM |  |
| 5991 | OsmoBSC        | Bug     | New         | Normal   | Forward TSNS-PROV bsc->[bts->]pcu  | jolly    | 12/17/2023 12:59 PM | Related to #5991   |
| 5957 | OsmoBTS        | Bug     | New         | Low      | not all osmo-bts variants respond to abisip-find   | jolly    | 03/22/2023 09:20 AM |  |
| 5915 | libosmocore    | Bug     | New         | Low      | gprs: ns2: convert timers into osmo-timers   | jolly    | 12/17/2023 12:59 PM | Related to #5915   |
| 5774 | OsmoBTS        | Bug     | Feedback    | Normal   | Drop pcu_sock conn if queue length grows up to a given threshold   | jolly    | 12/17/2023 12:59 PM |  |
| 5755 | OsmoBSC        | Feature | In Progress | High     | io_uring support in osmo-bsc   | jolly    | 03/02/2024 08:06 PM | Related to #5755,Related to #6357  |
| 5335 | OsmoBSC        | Bug     | In Progress | Normal   | osmo-bsc: Add VTY commands to configure T3.. and N3.. timers counters for gprs                           | jolly    | 12/17/2023 12:59 PM | Related to #5915,Related to #5991  |
| 5247 | Osmocom Analog | Bug     | New         | Normal   | AMPS Segmentation fault  | jolly    | 10/04/2021 11:48 PM |  |
| 5143 | Osmocom Analog | Feature | New         | Low      | Using ADALM PLUTO SDR with osmocom-analog  | jolly    | 05/05/2021 05:01 PM |  |

| #    | Project        | Tracker | Status      | Priority | Subject  | Assignee      | Updated             | Related issues                 |
|------|----------------|---------|-------------|----------|--|---------------|---------------------|--------------------------------|
| 4971 | Osmocom Analog | Feature | New         | Low      | OsmoCC Socket Documentation  | jolly         | 10/18/2023 02:49 PM |                                |
| 3672 | Osmocom Analog | Feature | New         | Normal   | Custom announcement and tones  | jolly         | 02/01/2021 10:25 AM |                                |
| 5805 | SIMtrace 2     | Feature | New         | Normal   | SIM Trace 2 Build for Windows  | jelson_simEng | 04/02/2023 09:56 AM |                                |
| 3747 | UmTRX          | Feature | New         | Normal   | LMS6002D RX Gain Control   | ipse          | 01/08/2019 09:46 AM |                                |
| 1510 | UmTRX          | Feature | New         | High     | Complete UHD integration   | ipse          | 02/21/2016 04:47 PM |                                |
| 1509 | UmTRX          | Feature | New         | Normal   | Store calibration values in EEPROM   | ipse          | 02/21/2016 04:47 PM |                                |
| 1508 | UmTRX          | Feature | New         | High     | Implement UmSEL diversity switch control   | ipse          | 02/21/2016 04:47 PM |                                |
| 1507 | UmTRX          | Feature | New         | High     | Implement UmSEL tuner control  | ipse          | 02/21/2016 04:47 PM |                                |
| 1506 | UmTRX          | Feature | New         | Normal   | Move to the latest stable UHD  | ipse          | 02/21/2016 04:47 PM |                                |
| 6443 | gr-osmosdr     | Bug     | New         | Normal   | RF gain: erroneously using 14  | horiz0n       | 04/27/2024 06:21 PM |                                |
| 5144 | gr-osmosdr     | Bug     | New         | High     | Support multiple Airspy devices  | horiz0n       | 10/21/2023 07:22 PM |                                |
| 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 |                                |
| 3882 | gr-osmosdr     | Bug     | New         | Normal   | Cannot compile gr-osmosdr!   | horiz0n       | 07/18/2019 05:35 AM |                                |
| 3855 | gr-osmosdr     | Bug     | New         | Normal   | Cannot build gr-osmosdr with Gnuradio 3.8  | horiz0n       | 07/13/2020 10:05 PM |                                |
| 3802 | gr-osmosdr     | Feature | New         | Normal   | New release  | horiz0n       | 02/15/2019 07:22 AM |                                |
| 3597 | gr-osmosdr     | Feature | New         | Low      | rtl: send final samples when device is lost  | 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 |                                |
| 3592 | gr-osmosdr     | Bug     | New         | Normal   | rtl: Race Conditions   | horiz0n       | 07/18/2019 05:35 AM |                                |
| 3512 | gr-osmosdr     | Support | New         | Normal   | Bug #3462 on Arch Linux; gr-osmosdr install fails  | horiz0n       | 01/26/2019 06:10 PM |                                |
| 3462 | gr-osmosdr     | Bug     | New         | Normal   | gr-osmosdr installation bladerf conversion errors  | horiz0n       | 07/18/2019 05:35 AM |                                |
| 3414 | gr-osmosdr     | Feature | New         | Normal   | Include Airspy serial number in connection string.   | horiz0n       | 07/24/2018 04:52 AM |                                |
| 6342 | OsmocomBB      | Bug     | Feedback    | Normal   | ms-sdr gprs performance  | Hoernchen     | 02/05/2024 05:00 PM | Related to #6342               |
| 6338 | OsmocomBB      | Bug     | Feedback    | Normal   | ms-sdr gprs startup issues   | Hoernchen     | 01/24/2024 03:58 PM |                                |
| 6233 | libosmocore    | Bug     | Feedback    | Normal   | --enable-embedded build fails if pkg-config can't find some of the (disabled) dependencies | Hoernchen     | 11/24/2023 04:15 PM |                                |
| 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 |
| 6162 | libosmocore    | Bug     | Feedback    | Normal   | master build failure with clang-16   | Hoernchen     | 11/18/2023 09:17 AM |                                |
| 6021 | libosmocore    | Bug     | New         | Low      | map file breaks recent lld builds  | Hoernchen     | 05/04/2023 05:49 AM |                                |
| 5859 | OsmoTRX        | Feature | New         | Normal   | remove non-neon and non-sse support  | Hoernchen     | 01/16/2023 10:17 PM |                                |
| 5574 | OsmoBSCNAT     | Bug     | New         | Urgent   | OsmoBSCNAT testsuite running in jenkins  | Hoernchen     | 10/06/2022 11:46 AM | Related to #5574               |
| 5516 | OsmoTRX        | Feature | In Progress | High     | BladeRF 2.0 Support  | Hoernchen     | 02/14/2023 02:59 PM | Is duplicate of #2430          |



| #    | Project                         | Tracker | Status      | Priority | Subject  | Assignee  | Updated             | Related issues                                     |
|------|---------------------------------|---------|-------------|----------|--|-----------|---------------------|--|
| 5228 | OsmoTRX                         | Feature | New         | Low      | osmo-trx: Missing unit tests for computeCl() and computeEdgeCl()   | Hoernchen | 11/07/2022 06:23 PM |  |
| 5214 | OsmoMGW                         | Feature | In Progress | Normal   | osmo-mgw multithreading  | Hoernchen | 08/31/2021 09:20 AM |  |
| 5178 | OsmoTRX                         | Bug     | New         | Normal   | LimeNET Micro clock error  | Hoernchen | 09/15/2021 09:42 AM |  |
| 5057 | OsmoMSC                         | Bug     | New         | High     | Can only send a maximum of 15 SMPP messages?   | Hoernchen | 09/15/2021 09:53 AM |  |
| 4781 | osmo-qcdiag                     | Bug     | New         | High     | get hoernchen/gsmmap branch merged   | Hoernchen | 10/06/2020 03:18 PM |  |
| 4777 | osmo-ccid-firmware              | Bug     | New         | Normal   | Reader does not answer to GET DATA RATES command   | Hoernchen | 10/14/2020 02:36 PM |  |
| 4776 | osmo-ccid-firmware              | Bug     | New         | Normal   | Reader does not answer to GET CLOCK FREQUENCIES command  | Hoernchen | 10/03/2020 07:31 PM |  |
| 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 |  |
| 4468 | OsmoTRX                         | Bug     | Feedback    | Normal   | "RSSI offset" default of 0 is not useful   | Hoernchen | 10/14/2020 02:40 PM | Related to #4468,Related to #4468,Related to #4583 |
| 4409 | osmo-remsim                     | Bug     | Stalled     | Low      | osmo-remsim-client-st2 (or firmware?) gets stuck on PTS  | Hoernchen | 02/06/2021 08:55 AM |  |
| 4073 | Cellular Network Infrastructure | Feature | Stalled     | Low      | try to get counter and vty reference information at compile time   | Hoernchen | 02/06/2021 02:17 PM | Related to #4073,Related to #4848                  |
| 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                                   |
| 3815 | SIMtrace 2                      | Bug     | New         | Normal   | simtrace2 fails USB-IF CH9 test  | Hoernchen | 05/12/2020 07:24 PM |  |
| 3699 | Cellular Network Infrastructure | Feature | Stalled     | Low      | merge Debian patches   | Hoernchen | 01/08/2020 10:24 PM | Related to #3699,Related to #3753                  |
| 3342 | OsmoTRX                         | Bug     | Stalled     | Normal   | osmo-trx-lms: low tx output power level  | Hoernchen | 04/06/2022 09:25 AM | Related to #3342,Blocks #3342                      |
| 1906 | osmo-qcdiag                     | Bug     | Feedback    | Normal   | wireshark: fix decoding of (E)GPRS RLC/MAC frames  | Hoernchen | 02/08/2021 08:07 PM |  |
| 5639 | SIMtrace 2                      | Bug     | Feedback    | Normal   | No packet captured but only "Card state change:"   | g1bbs     | 09/20/2023 01:29 PM |  |
| 6426 | OsmoMSC                         | Bug     | Feedback    | Normal   | ttcn3-msc-test: TC_mm_id_resp_no_identity fails sporadically   | fixeria   | 04/03/2024 06:49 PM | Related to #6426,Related to #6427                  |
| 6422 | OsmoBSC                         | Bug     | Feedback    | Normal   | latest: BSC_Tests.TC_ctrl_location started fo fail on March 15th   | fixeria   | 04/02/2024 06:56 PM |  |

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