

## Issues

| #    | Project                         | Tracker | Status   | Priority | Subject  | Assignee | Updated             | Related issues   |
|------|---------------------------------|---------|----------|----------|--|----------|---------------------|--|
| 4638 | Altair LTE Modems               | Feature | New      | Normal   | Mikrotik R11e-4G mtd dump  |          | 06/13/2021 10:15 AM |  |
| 4242 | BBS-Revival                     | Feature | New      | Low      | offer CCC event schedule (Fahrplan) as gopher service                              |          | 10/28/2019 09:22 AM |  |
| 4525 | Cellular Modem Information      | Feature | New      | Normal   | MTK  |          | 05/03/2020 03:57 PM | Is duplicate of #4525  |
| 3658 | Cellular Modem Information      | Feature | New      | Low      | Create a "osmocom-bb-host-latest" docker container                                 |          | 12/01/2019 09:07 AM | Related to #3658   |
| 6411 | Cellular Network Infrastructure | Bug     | Stalled  | Normal   | ttcn3: execute testsuites with a more realistic link performance                   |          | 04/03/2024 06:25 PM |  |
| 5985 | Cellular Network Infrastructure | Bug     | New      | Normal   | tests: not all Osmocom projects have @osmoappdesc.py@                              |          | 03/29/2023 08:09 PM |  |
| 5771 | Cellular Network Infrastructure | Feature | New      | Normal   | series of presentations about the individual CNI network elements                  |          | 11/14/2022 07:25 PM |  |
| 5764 | Cellular Network Infrastructure | Bug     | New      | Normal   | GCC does not check format strings in LOGPFISM macros                               |          | 11/11/2022 06:30 AM |  |
| 5750 | Cellular Network Infrastructure | Bug     | New      | Normal   | contrib/jenkins.sh: build with -Wunused-macros and -Wundef                         |          | 11/08/2022 08:07 PM |  |
| 5669 | Cellular Network Infrastructure | Bug     | New      | Normal   | Test .deb packages built by our OBS  |          | 09/21/2022 01:03 PM | Related to #5669,Related to #5669  |
| 5446 | Cellular Network Infrastructure | Feature | New      | Normal   | correlate git version to ttcn3 tests   |          | 02/07/2022 09:40 PM | Related to #5446   |
| 4376 | Cellular Network Infrastructure | Feature | New      | Normal   | Define distinct X timer numbers across all osmo programs                           |          | 01/23/2020 09:21 PM |  |
| 4333 | Cellular Network Infrastructure | Support | Feedback | Normal   | GSUP binary compatibility: add GSUP protocol version IE?                           |          | 12/16/2019 01:56 PM | Related to #4333,Related to #4333,Related to #4333                               |
| 4141 | Cellular Network Infrastructure | Bug     | New      | Normal   | No osmux specific code in place during codec negotiation                           |          | 08/05/2019 03:57 PM |  |
| 2558 | Cellular Network Infrastructure | Feature | Stalled  | Normal   | Scripts to manage thousands of "mobile" and hundreds of osmo-bts-virtual instances |          | 06/08/2020 07:07 PM | Related to #2557,Related to #2556,Related to #2555,Related to #2558,Blocks #2893 |
| 6243 | Cellular Network Infrastructure | Feature | New      | Low      | vty cfg: make changing startup defaults of applications backwards compatible       |          | 11/01/2023 07:06 PM |  |
| 5908 | Cellular Network Infrastructure | Feature | New      | Low      | Cleanup license information throughout the projects                                |          | 02/16/2023 11:02 AM |  |

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| 5819 | Cellular Network Infrastructure | Bug     | New      | Low      | Gerrit/gitiles: Parent links don't work  |          | 12/08/2022 01:28 PM |                  |
| 5722 | Cellular Network Infrastructure | Feature | New      | Low      | Migrate jenkins build slaves from docker to podman   |          | 10/21/2022 08:29 PM | Related to #5722 |
| 5692 | Cellular Network Infrastructure | Feature | New      | Low      | switch to C99 standard flexible arrays instad of gcc-specific zero-length arrays                   |          | 09/29/2022 05:59 AM |                  |
| 5013 | Cellular Network Infrastructure | Feature | New      | Low      | investigate "vtysh" for Osmocom  |          | 02/06/2021 02:14 PM | Related to #5013 |
| 4587 | Cellular Network Infrastructure | Feature | New      | Low      | Add port numbers to /etc/services during installation  |          | 06/08/2020 10:28 AM | Related to #5013 |
| 4277 | Cellular Network Infrastructure | Feature | New      | Low      | implement an SMSC to work with OsmoMSC   |          | 11/22/2019 02:45 PM |                  |
| 4108 | Cellular Network Infrastructure | Bug     | New      | Low      | osmo-ctrl2cgi, osmo-trap2cgi: missing default configs  |          | 07/16/2019 12:30 PM | Related to #4108 |
| 3779 | Cellular Network Infrastructure | Feature | New      | Low      | explore providing a VM image with all of osmocom CNI and related tools installed                   |          | 02/04/2019 09:52 AM |                  |
| 3694 | Cellular Network Infrastructure | Bug     | New      | Low      | Fix lintian warnings in .deb packages  |          | 07/18/2019 05:20 AM | Related to #3699 |
| 3670 | Cellular Network Infrastructure | Feature | New      | Low      | TTCN-3 tests for statsd exporter code  |          | 09/04/2019 09:03 AM |                  |
| 3229 | Cellular Network Infrastructure | Feature | New      | Low      | build-system: jenkins.sh: Improve debian package generation test coverage during gerrit submission |          | 05/08/2019 02:36 PM | Related to #3228 |
| 3142 | Cellular Network Infrastructure | Feature | New      | Low      | Further simplification of "NITB like" setups   |          | 04/05/2018 08:09 PM |                  |
| 2839 | Cellular Network Infrastructure | Bug     | New      | Low      | statistics split between 2G and 3G   |          | 07/18/2019 05:22 AM |                  |
| 2011 | Cellular Network Infrastructure | Feature | New      | Low      | clean-up / merge IPA (and IPA CCM) code of libosmocore, libosmo-abis, libosmo-netif, openbsc, etc. |          | 12/07/2022 04:11 PM | Related to #4841 |
| 1612 | Cellular Network Infrastructure | Bug     | New      | Low      | more configuration consistency checking  |          | 09/30/2018 11:48 AM |                  |
| 1598 | Cellular Network Infrastructure | Feature | New      | Low      | Scripting language interface   |          | 12/10/2017 08:04 PM |                  |
| 1596 | Cellular Network Infrastructure | Feature | New      | Low      | Generation of accounting/billing data  |          | 12/10/2017 08:03 PM |                  |
| 1590 | Cellular Network Infrastructure | Feature | New      | Low      | Extension of Control Interface / external SNMP agent   |          | 07/18/2019 05:22 AM |                  |
| 6242 | Core testing infrastructure     | Feature | New      | Normal   | Test eUPF against ttcn3-upf-test setup   |          | 12/18/2023 11:33 AM |                  |
| 6029 | Core testing infrastructure     | Bug     | New      | Normal   | Single TTCN3 BSC handover test fails   |          | 10/18/2023 05:31 PM |                  |
| 5858 | Core testing infrastructure     | Bug     | Feedback | Normal   | osmo-python-tests: Ignore, at least clean up 'tmp_dummy_sock'                                      |          | 02/22/2023 06:25 PM | Related to #5858 |

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| 5762 | Core testing infrastructure                  | Feature | New     | Normal   | Develop TTCN-3 test suite for PGW   |          | 11/10/2022 06:38 PM |                  |
| 5761 | Core testing infrastructure                  | Feature | New     | Normal   | Develop TTCN-3 test suite for SGW   |          | 11/09/2022 09:49 PM |                  |
| 5323 | Core testing infrastructure                  | Feature | New     | Normal   | Add docker image containing titan.core master   |          | 12/15/2021 04:43 PM | Related to #6187 |
| 5011 | Core testing infrastructure                  | Bug     | New     | Normal   | Warning about unrecognized escape sequence in Osmocom_CTRL_Types  |          | 02/05/2021 11:21 AM |                  |
| 5128 | Core testing infrastructure                  | Feature | New     | Low      | dec_RlcmacDlCtrlBlock: Get rid of annoying warning about remaining padding  |          | 12/09/2021 09:14 PM |                  |
| 4458 | Core testing infrastructure                  | Feature | New     | Low      | Set up a STF (Smartphone Testing Farm)  |          | 03/18/2020 02:44 PM |                  |
| 4308 | Distributed GSM                              | Support | New     | High     | thoughts about incorporating credit / billing in D-GSM  |          | 12/04/2019 04:08 PM |                  |
| 4705 | Distributed GSM                              | Bug     | New     | Normal   | osmo-hlr user manual: explain the mslookup domain suffix "mdns.osmocom.org", it has no mention in the user manual |          | 08/13/2020 12:54 AM |                  |
| 4737 | Distributed GSM                              | Support | New     | Low      | How to configure Queries gsup.hlr.123456789.imsi, sip.voice.123.msisdn, smpp.sms.123.msisdn                       |          | 08/31/2020 11:10 AM |                  |
| 4363 | Distributed GSM                              | Feature | New     | Low      | mslookup_client_mdns_test: add stubs, so it works without multicast   |          | 04/28/2020 02:55 PM | Related to #4363 |
| 4306 | Distributed GSM                              | Feature | Stalled | Low      | GSUP proxy cache: store data persistently   |          | 05/20/2020 09:18 PM | Precedes #4306   |
| 4305 | Distributed GSM                              | Feature | Stalled | Low      | GSUP proxy: cache auth tuples to re-use / fall back to simpler auth methods                                       |          | 04/28/2020 02:37 PM | Precedes #4306   |
| 6434 | E1/T1 Hardware Interface (including icE1usb) | Support | New     | Normal   | D-channel do not recover after underrun   |          | 04/07/2024 09:07 AM |                  |
| 6417 | E1/T1 Hardware Interface (including icE1usb) | Feature | New     | Normal   | CRC4 configuration  |          | 03/22/2024 09:02 PM |                  |
| 5402 | E1/T1 Hardware Interface (including icE1usb) | Bug     | New     | Normal   | no2e1 gateway improvements  |          | 01/13/2022 12:02 PM |                  |
| 5382 | E1/T1 Hardware Interface (including icE1usb) | Bug     | New     | Low      | icE1usb: detect all-1 pattern and report as BLUE alarm  |          | 01/02/2022 12:17 PM | Related to #5382 |
| 5307 | Ericsson RBS 6xxx                            | Feature | New     | Normal   | Support for Multiple Sectors at an RBS site.  |          | 11/13/2021 08:20 PM |                  |
| 2805 | FidoNet                                      | Bug     | New     | Low      | Create reproducible / semi-automatic way to create FidoNet node on Linux  |          | 07/18/2019 05:34 AM |                  |
| 3819 | gr-osmosdr                                   | Support | New     | Urgent   | OSMO SDR blocks for GNUradio  |          | 02/28/2019 06:00 PM |                  |
| 5731 | gr-osmosdr                                   | Bug     | New     | High     | Install gr-osmosdr on Ubuntu 20.04  |          | 10/27/2022 01:39 PM |                  |
| 5425 | gr-osmosdr                                   | Bug     | New     | High     | Problem receiving samples using dual receivers with BladeRF   |          | 01/29/2022 04:22 AM |                  |
| 3734 | gr-osmosdr                                   | Bug     | New     | High     | Cannot compile gr-osmocom   |          | 12/16/2018 12:22 AM |                  |
| 2824 | gr-osmosdr                                   | Bug     | New     | High     | Corrupted double-linked for Raspbian Stretch when running osmocom_fft (and any other program using osmosdr.source |          | 06/03/2018 12:08 PM |                  |
| 5808 | gr-osmosdr                                   | Feature | New     | Normal   | New option, for selecting an input channel of a soapy_source_c  |          | 12/05/2022 11:45 AM |                  |
| 5460 | gr-osmosdr                                   | Bug     | New     | Normal   | Please use double for ppm with fcdp/pp  |          | 02/17/2022 10:43 PM |                  |
| 5445 | gr-osmosdr                                   | Bug     | New     | Normal   | Please switch to the gr-funcube   |          | 02/15/2022 11:56 PM |                  |

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| 5352 | gr-osmosdr            | Bug     | New      | Normal   | ImportError: generic_type: type "sink" referenced unknown base type "gr::hier_block2"      |          | 12/11/2021 08:19 AM |                                   |
| 5298 | gr-osmosdr            | Bug     | New      | Normal   | object has no attribute 'pyqwidget' on arch linux  |          | 11/09/2021 01:25 AM |                                   |
| 5218 | gr-osmosdr            | Bug     | New      | Normal   | compilation fails: "no matching function for call to fcd_source_c::connect"                |          | 09/05/2021 10:58 PM |                                   |
| 5008 | gr-osmosdr            | Bug     | New      | Normal   | Quoted whitespace parsing problem in source_impl::source_impl                              |          | 02/04/2021 02:16 AM |                                   |
| 4950 | gr-osmosdr            | Bug     | New      | Normal   | gr-osmosdr doesn't find iqbalance during build   |          | 02/22/2021 02:46 AM |                                   |
| 4484 | gr-osmosdr            | Bug     | New      | Normal   | CMakeFiles.txt   |          | 04/06/2020 05:19 PM |                                   |
| 4359 | gr-osmosdr            | Bug     | New      | Normal   | Compiling from Git Bramcj gr3.8 fails  |          | 01/12/2020 05:08 PM |                                   |
| 4325 | gr-osmosdr            | Bug     | New      | Normal   | can't open hackrf_sink with device index   |          | 12/13/2019 09:18 AM |                                   |
| 3663 | gr-osmosdr            | Bug     | New      | Normal   | Can't compile gr-osmosdr on macOS Mojave   |          | 10/19/2018 02:37 PM |                                   |
| 3596 | gr-osmosdr            | Feature | New      | Normal   | TX Tags  |          | 09/25/2018 04:01 PM |                                   |
| 3595 | gr-osmosdr            | Feature | New      | Normal   | RX Tags  |          | 09/25/2018 04:01 PM |                                   |
| 3594 | gr-osmosdr            | Feature | New      | Normal   | Message Commands   |          | 09/25/2018 03:59 PM |                                   |
| 3240 | gr-osmosdr            | Bug     | New      | Normal   | Expose airspy gain setting in gr-osmosdr block   |          | 06/03/2018 12:08 PM |                                   |
| 2216 | gr-osmosdr            | Bug     | New      | Normal   | uhd: LO offset doesn't seem to work properly   |          | 06/03/2018 12:08 PM |                                   |
| 5448 | gr-osmosdr            | Bug     | New      | Low      | a bug related to gqrx using gr-osmosdr for sdrplay rsp1 through soapy(?)                   |          | 02/09/2022 02:56 AM |                                   |
| 4490 | IMSI Pseudonymization | Feature | New      | Normal   | Specification: how would IMSI-pseudo interact within a combined (2G-4G)+5G network?        |          | 04/16/2020 08:44 AM |                                   |
| 4489 | IMSI Pseudonymization | Feature | New      | Normal   | Specification: mark mandatory parts / implementation details as such                       |          | 04/16/2020 08:44 AM |                                   |
| 4486 | IMSI Pseudonymization | Feature | New      | Normal   | Applet: gracefully handle case where timer is set twice                                    |          | 04/16/2020 08:45 AM |                                   |
| 4480 | IMSI Pseudonymization | Bug     | New      | Normal   | Applet/OsmoMSC: fix or workaround for OsmoMSC only paging attached MS                      |          | 04/16/2020 08:45 AM | Related to #4480                  |
| 4479 | IMSI Pseudonymization | Feature | New      | Normal   | Applet: change IMSI after receiving SMS  |          | 04/16/2020 08:45 AM |                                   |
| 4478 | IMSI Pseudonymization | Feature | New      | Normal   | Applet: proper warning after too many LU with same IMSI                                    |          | 04/16/2020 08:45 AM | Related to #4478                  |
| 4477 | IMSI Pseudonymization | Feature | New      | Normal   | OsmoHLR: send next pseudo IMSI via SMS   |          | 04/16/2020 08:45 AM | Blocks #4477,Blocks #4477         |
| 4417 | IMSI Pseudonymization | Bug     | New      | Normal   | Applet: LU counter should only increase on successful location update                      |          | 04/16/2020 08:45 AM | Related to #4478                  |
| 4404 | IMSI Pseudonymization | Feature | Stalled  | Normal   | Research: Make sure that we can silently detach the IMSI                                   |          | 04/15/2020 10:06 AM | Related to #4404,Related to #4480 |
| 4403 | IMSI Pseudonymization | Feature | Feedback | Normal   | OsmoHLR: How to interface with SMS service?  |          | 04/16/2020 08:45 AM | Blocks #4477                      |
| 4481 | IMSI Pseudonymization | Feature | New      | Low      | Applet: test various REFRESH qualifiers to possibly shorten the time for changing the IMSI |          | 04/16/2020 08:45 AM |                                   |

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| 5756 | libosmo-abis                   | Bug     | New      | Normal   | io_uring support in libosmo-abis   |          | 03/20/2024 03:58 PM | Related to #5756,Related to #6357,Blocks #5896 |
| 5356 | libosmo-abis                   | Bug     | New      | Normal   | libosmo-abis: osmo_rtp_socket_connect() not calling connect() on sockets                     |          | 12/13/2021 12:50 PM |  |
| 5766 | libosmo-abis                   | Feature | New      | Low      | use Linux kernel KCM for IPA header?   |          | 11/13/2022 08:15 AM | Related to #5766                               |
| 4860 | libosmo-abis                   | Feature | New      | Low      | Implement separation of line/TEI/datalinks in E1 pcap  |          | 11/04/2021 06:31 PM |  |
| 2717 | libosmo-abis                   | Bug     | New      | Low      | libosmo-abis doesn't use ipa_ccm_make_id_resp()  |          | 12/06/2017 05:47 PM |  |
| 3812 | libosmo-netif                  | Bug     | Stalled  | Normal   | stream_test fails depending on where it is run   |          | 03/13/2019 04:15 PM |  |
| 2440 | libosmo-netif                  | Bug     | New      | Normal   | Osmux: Improve lost packet recreation mechanism  |          | 12/01/2019 10:11 AM | Blocks #2439                                   |
| 2439 | libosmo-netif                  | Bug     | New      | Normal   | Osmux: overwrite duplicated RTP packets instead of dropping them                             |          | 12/01/2019 10:11 AM | Blocks #2439                                   |
| 5368 | libosmo-netif                  | Bug     | Feedback | Low      | consider using SCTP_EVENT instead of SCTP_EVENTS   |          | 12/23/2021 09:09 AM | Related to #5368,Related to #5368              |
| 3006 | libosmo-netif                  | Bug     | New      | Low      | Osmux: improvements on lost/dropped RTP packets  |          | 09/30/2018 08:34 AM |  |
| 5648 | libosmo-pfcp                   | Feature | New      | Normal   | implement common PFCP CPF client VTY config  |          | 08/17/2022 03:29 PM | Related to #5648                               |
| 6239 | libosmo-sccp + libosmo-sigtran | Feature | New      | Normal   | finally deprecate libosmo-sccp (headers, static lib)   |          | 10/31/2023 07:31 PM |  |
| 4925 | libosmo-sccp + libosmo-sigtran | Bug     | New      | Normal   | SCTP multihoming / ABORT between osmo-msc and osmo-stp                                       |          | 01/04/2021 11:32 AM | Related to #4926                               |
| 4635 | libosmo-sccp + libosmo-sigtran | Feature | New      | Normal   | quirks when initializing SS7 ASP   |          | 06/25/2020 04:46 PM | Related to #4635                               |
| 4457 | libosmo-sccp + libosmo-sigtran | Bug     | New      | Normal   | editing the SCCP address book (global-title) on a running instance may crash the application |          | 03/17/2020 11:17 PM |  |
| 6241 | libosmo-sccp + libosmo-sigtran | Feature | New      | Low      | M3UA "Network Appearance" support  |          | 10/31/2023 03:00 PM | Related to #6241                               |
| 5561 | libosmo-sccp + libosmo-sigtran | Bug     | New      | Low      | pc=0=0.0.0 / RCOE-ERROR.ind not permitted  |          | 05/23/2023 06:20 AM |  |
| 2009 | libosmo-sccp + libosmo-sigtran | Feature | New      | Low      | Implement SCCP connection coupling ("proxy")   |          | 04/10/2017 12:09 PM |  |
| 2008 | libosmo-sccp + libosmo-sigtran | Feature | New      | Low      | Implement Global Title Translation   |          | 04/10/2017 12:05 PM |  |
| 2007 | libosmo-sccp + libosmo-sigtran | Feature | New      | Low      | Implement GT based routing   |          | 04/10/2017 12:04 PM |  |
| 2006 | libosmo-sccp + libosmo-sigtran | Feature | New      | Low      | Implement M2PA support   |          | 02/10/2024 01:17 PM | Related to #3603                               |
| 2003 | libosmo-sccp + libosmo-sigtran | Feature | New      | Low      | Implement M2UA support   |          | 04/10/2017 12:01 PM |  |

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| 2000 | libosmo-sccp + libosmo-sigtran | Feature | New      | Low      | use m3ua-testtool for the ASP-side verification                                   |          | 07/18/2019 05:42 AM |  |
| 1688 | libosmo-sccp + libosmo-sigtran | Feature | New      | Low      | SUA: support N-STATE indication primitives for connect and disconnect events      |          | 04/08/2018 07:59 AM |  |
| 6440 | libosmocore                    | Bug     | Feedback | Normal   | VTY: 'write file' breaks 'show startup-config'                                    |          | 04/22/2024 10:31 AM |  |
| 6438 | libosmocore                    | Bug     | New      | Normal   | write_config_file() calls blocking sync()   |          | 04/21/2024 10:26 AM |  |
| 6410 | libosmocore                    | Bug     | New      | Normal   | osmo_io poll backend doesn't work on file descriptors that are not sockets        |          | 03/19/2024 07:33 PM |  |
| 6388 | libosmocore                    | Feature | New      | Normal   | stats_reporter via osmo_io / io_uring?  |          | 03/02/2024 04:54 PM | Related to #6388                       |
| 6374 | libosmocore                    | Bug     | New      | Normal   | libosmocore --disable-libsctp not tested by jenkins                               |          | 02/23/2024 03:47 PM |  |
| 6360 | libosmocore                    | Bug     | New      | Normal   | libosmovty fails to parse commands like "test (foo bar [(one two three)])"        |          | 02/14/2024 09:25 PM |  |
| 6344 | libosmocore                    | Feature | New      | Normal   | New TS 24.008 Bearer Capability codec API   |          | 01/24/2024 11:19 PM | Related to #6344                       |
| 5864 | libosmocore                    | Bug     | New      | Normal   | Libosmocore: Fix order of config parsing output                                   |          | 02/04/2023 05:21 PM |  |
| 5818 | libosmocore                    | Bug     | New      | Normal   | multithreaded logging causes lock contention and needs a rework                   |          | 01/10/2024 09:05 AM |  |
| 5029 | libosmocore                    | Bug     | New      | Normal   | vty: optional cases with multiple arguments is undefined behaviour                |          | 02/18/2021 05:44 PM |  |
| 4908 | libosmocore                    | Bug     | New      | Normal   | Errors compiling with -std=c++14  |          | 03/01/2021 03:38 PM |  |
| 4885 | libosmocore                    | Bug     | New      | Normal   | configure doesn't check for python3   |          | 12/02/2020 03:36 AM |  |
| 4746 | libosmocore                    | Bug     | New      | Normal   | gb: NS2: implement a NSE based logfilter  |          | 11/14/2020 08:42 AM |  |
| 4591 | libosmocore                    | Feature | New      | Normal   | Export FSM states and statistics with counters                                    |          | 03/24/2021 12:34 PM |  |
| 4590 | libosmocore                    | Feature | New      | Normal   | Export talloc data as counters for better memory leakage monitoring in production |          | 09/12/2022 03:53 PM |  |
| 4443 | libosmocore                    | Bug     | New      | Normal   | CTRL interface blocks wildcard in rate_ctr  |          | 03/08/2020 01:06 PM | Related to #4443,Related to #4443      |
| 4265 | libosmocore                    | Bug     | New      | Normal   | --enable-embedded doesn't work as expected  |          | 11/12/2019 11:18 AM |  |
| 3983 | libosmocore                    | Bug     | New      | Normal   | osmo_fsm_inst_change_parent() forgets to talloc reparent                          |          | 03/24/2021 12:35 PM |  |
| 3909 | libosmocore                    | Bug     | New      | Normal   | osmo_get_rand_id() fails in containerised environment                             |          | 03/24/2021 12:34 PM | Related to #3909                       |
| 3309 | libosmocore                    | Feature | New      | Normal   | osmo_timer_* should use monotonic clock   |          | 05/31/2018 03:59 PM | Related to #3309                       |
| 2688 | libosmocore                    | Bug     | New      | Normal   | CTRL iface: make rate_ctr request parser more strict                              |          | 03/24/2021 12:37 PM | Related to #4443                       |
| 2677 | libosmocore                    | Support | New      | Normal   | Make stat_item available over ctrl interface                                      |          | 09/04/2019 09:21 AM | Related to #2676                       |
| 1987 | libosmocore                    | Feature | New      | Normal   | gcov code coverage test support   |          | 12/01/2019 01:42 PM | Related to #1987,Is duplicate of #1987 |
| 1716 | libosmocore                    | Feature | New      | Normal   | enhance unit test coverage  |          | 08/17/2016 03:57 PM | Related to #1987,Precedes #1717        |

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| 6402 | libosmcore | Feature | New         | Low      | consider using IORING_RECVSEND_POLL_FIRST for our socket-reads                                   |          | 03/14/2024 08:21 AM |                                   |
| 6401 | libosmcore | Feature | New         | Low      | benchmark batching io_uring operations   |          | 03/14/2024 08:10 AM |                                   |
| 6390 | libosmcore | Feature | New         | Low      | port CTRL over to osmo_io / io_uring   |          | 03/02/2024 06:45 PM | Related to #6390                  |
| 6389 | libosmcore | Feature | New         | Low      | port VTY over to osmo_io / io_uring  |          | 03/02/2024 04:55 PM | Related to #6389                  |
| 5829 | libosmcore | Feature | New         | Low      | log fallback for log_check_level(), log_parse_category()   |          | 12/13/2022 10:44 PM |                                   |
| 5035 | libosmcore | Bug     | New         | Low      | ns2: add a vty to drop a sns connection  |          | 03/29/2021 09:16 PM |                                   |
| 5015 | libosmcore | Bug     | New         | Low      | ns2: add consistency check for ns configuration as callback                                      |          | 03/29/2021 09:17 PM |                                   |
| 4783 | libosmcore | Bug     | New         | Low      | doxygen: duplicate 'ports.h' warning   |          | 10/07/2020 01:29 PM |                                   |
| 4304 | libosmcore | Bug     | New         | Low      | missing unit tests for many gsm48_{encode,decode} functions                                      |          | 12/04/2019 01:50 PM |                                   |
| 4103 | libosmcore | Feature | New         | Low      | TUAK support as per 3GPP TS 35.231   |          | 03/24/2021 12:33 PM |                                   |
| 4053 | libosmcore | Feature | New         | Low      | CTRL: Add CTRL cmd introspection to print documentation  |          | 01/08/2020 10:21 PM | Related to #4053,Related to #4443 |
| 3987 | libosmcore | Feature | New         | Low      | introduce libosmcore_init() to replace individual initialization calls                           |          | 05/08/2019 03:03 PM | Related to #3987                  |
| 3845 | libosmcore | Feature | New         | Low      | Unified logging in Gb NS / BSSGP code  |          | 03/16/2019 02:33 PM |                                   |
| 3693 | libosmcore | Bug     | In Progress | Low      | gsm_04_08.h: numerous packed structs with sub-byte ints lack the order-swap shims for big endian |          | 11/19/2018 02:05 PM |                                   |
| 2712 | libosmcore | Feature | New         | Low      | implement reproducible talloc context printout, i.e. without memory addresses                    |          | 01/08/2020 10:21 PM | Related to #2781                  |
| 2610 | libosmcore | Feature | New         | Low      | optimize GnuTLS fallback   |          | 05/01/2018 04:07 PM | Related to #2610,Related to #3909 |
| 2186 | libosmcore | Feature | New         | Low      | split libosmcrypto   |          | 10/05/2017 06:25 AM |                                   |
| 1872 | libosmcore | Feature | New         | Low      | high-performance remote logging  |          | 03/24/2021 12:36 PM |                                   |
| 2815 | linmodem   | Feature | New         | Normal   | modern ptmx / pty handling (UNIX 98)   |          | 01/01/2018 02:48 PM |                                   |
| 2801 | linmodem   | Feature | New         | Normal   | V.90 completion  |          | 01/01/2018 12:18 PM |                                   |
| 2800 | linmodem   | Feature | New         | Normal   | Interop testing with real modems   |          | 01/01/2018 12:16 PM |                                   |
| 2799 | linmodem   | Feature | New         | Normal   | SIP client support   |          | 01/01/2020 08:05 PM |                                   |
| 2798 | linmodem   | Feature | New         | Normal   | ALSA Soundcard Support   |          | 01/01/2018 12:02 PM |                                   |
| 2797 | linmodem   | Bug     | New         | Normal   | X11 support is 16bit plane only  |          | 05/07/2022 11:34 PM |                                   |
| 5489 | linmodem   | Feature | New         | Low      | linmodem mISDN integration   |          | 03/13/2022 09:35 PM |                                   |
| 2804 | linmodem   | Feature | New         | Low      | DAHDI interface  |          | 01/01/2018 12:27 PM |                                   |
| 2803 | linmodem   | Bug     | New         | Low      | return ERROR for unsupported AT commands   |          | 01/01/2018 12:19 PM |                                   |
| 2802 | linmodem   | Feature | New         | Low      | report the connected speed in "CONNECT" message  |          | 01/01/2018 12:18 PM |                                   |

| #    | Project                               | Tracker | Status   | Priority | Subject   | Assignee | Updated             | Related issues                    |
|------|---------------------------------------|---------|----------|----------|---|----------|---------------------|-----------------------------------|
| 6382 | Linux Kernel GTP-U                    | Bug     | Feedback | Normal   | "TC_pdp6_act_deact_gtpu_access" fails with kernel gtp-u                         |          | 03/05/2024 04:06 PM |                                   |
| 1832 | Linux Kernel GTP-U                    | Feature | New      | Normal   | OpenvSwitch GTP-u patch for 2.5   |          | 10/27/2016 08:56 AM |                                   |
| 5738 | Misc Hardware Projects                | Bug     | New      | Normal   | Sim 800L module Connectivity  |          | 11/02/2022 06:55 PM |                                   |
| 5672 | Misc Hardware Projects                | Bug     | New      | Normal   | sfp-experimenter / voltage swing of LVDS driver insufficient for SFP spec       |          | 09/02/2022 03:27 PM |                                   |
| 6129 | Miscellaneous Projects                | Bug     | New      | Normal   | Discourse: Setting a custom avatar via upload fails                             |          | 08/02/2023 06:07 PM |                                   |
| 1483 | Mobile (in)Security                   | Bug     | New      | High     | USSD state is not reset when switching cells                                    |          | 02/21/2016 04:34 PM |                                   |
| 1481 | Mobile (in)Security                   | Bug     | New      | High     | Random LAPDm MAC-block padding is not deployed yet                              |          | 02/21/2016 04:34 PM | Related to #5256,Related to #5257 |
| 1480 | Mobile (in)Security                   | Bug     | New      | High     | A5/3 is not deployed in GSM networks  |          | 02/21/2016 04:34 PM |                                   |
| 1478 | Mobile (in)Security                   | Bug     | New      | High     | IMSI DETACH DoS   |          | 09/02/2019 09:00 AM |                                   |
| 1477 | Mobile (in)Security                   | Bug     | New      | High     | RACH flood DoS  |          | 02/21/2016 04:34 PM |                                   |
| 1482 | Mobile (in)Security                   | Bug     | New      | Normal   | Sending the TMSI of the old/previous network                                    |          | 02/21/2016 04:35 PM |                                   |
| 1479 | Mobile (in)Security                   | Bug     | New      | Normal   | MTK stack unable to send MO-SMS on TCH/F  |          | 04/03/2019 09:01 AM |                                   |
| 3038 | multi-voltage USB UART                | Feature | New      | Normal   | Add mounting holes?   |          | 03/07/2018 02:12 AM |                                   |
| 6281 | OCTOI - Osmocom Community TDM over IP | Bug     | New      | Normal   | divf yate: calls to wave playback or loopback never connect                     |          | 12/04/2023 12:14 PM | Related to #6282                  |
| 5693 | OCTOI - Osmocom Community TDM over IP | Bug     | Stalled  | Normal   | no progress tones in yate   |          | 12/03/2023 11:10 AM |                                   |
| 5546 | OCTOI - Osmocom Community TDM over IP | Feature | New      | Normal   | build frame relay "hub" similar to ISDN "hub"                                   |          | 04/24/2022 03:03 PM |                                   |
| 5544 | OCTOI - Osmocom Community TDM over IP | Bug     | New      | Normal   | Strange HDLC frames in PPP when using mISDN/pppd/capiplugin against Portmaster3 |          | 04/23/2022 01:50 PM |                                   |
| 5443 | OCTOI - Osmocom Community TDM over IP | Feature | New      | Normal   | possibility to transmit frames from multiple lines in one packet                |          | 02/06/2022 08:15 AM |                                   |
| 5434 | OCTOI - Osmocom Community TDM over IP | Feature | Stalled  | Normal   | more statistics / counters  |          | 12/03/2023 11:17 AM |                                   |
| 5433 | OCTOI - Osmocom Community TDM over IP | Bug     | New      | Normal   | forwarding of TS0 / Alarms  |          | 01/30/2022 11:02 AM |                                   |
| 5526 | OCTOI - Osmocom Community TDM over IP | Feature | New      | Low      | ability to generate GSMTAP traces from osmo-e1d                                 |          | 07/29/2023 07:23 AM |                                   |
| 5519 | OCTOI - Osmocom Community TDM over IP | Feature | New      | Low      | reimplement overlapped.php based on yate python module                          |          | 12/03/2023 10:47 AM |                                   |
| 5435 | OCTOI - Osmocom Community TDM over IP | Feature | New      | Low      | use DNS to resolve the server   |          | 04/05/2022 08:20 PM |                                   |
| 5427 | OCTOI - Osmocom Community TDM over IP | Feature | New      | Low      | STUN/TURN/ICE for peer-to-peer connections                                      |          | 01/30/2022 10:43 AM |                                   |



| #    | Project                | Tracker | Status  | Priority | Subject   | Assignee | Updated             | Related issues   |
|------|------------------------|---------|---------|----------|---|----------|---------------------|------------------|
| 2175 | OP25                   | Feature | New     | High     | Update code for GNURadio 3.6 and later  |          | 04/22/2017 04:14 PM |                  |
| 2173 | OP25                   | Feature | New     | High     | Remove dependency on ET++   |          | 04/22/2017 04:14 PM |                  |
| 2172 | OP25                   | Bug     | New     | High     | HDU often missing in captures   |          | 04/22/2017 04:14 PM |                  |
| 2171 | OP25                   | Feature | New     | High     | Use libfftw3 for IFFT/FFT functions.  |          | 04/22/2017 04:14 PM |                  |
| 2170 | OP25                   | Bug     | New     | High     | Implement forward error-correction code, remove IT++ dependency                           |          | 04/22/2017 04:14 PM |                  |
| 2169 | OP25                   | Bug     | New     | High     | First-cut of trunking support   |          | 04/22/2017 04:15 PM |                  |
| 2168 | OP25                   | Bug     | New     | High     | Implement Forward error correction for LDU1/2   |          | 04/22/2017 04:15 PM |                  |
| 2167 | OP25                   | Feature | New     | High     | Implement Encryption/Decryption P25 blocks  |          | 04/22/2017 04:15 PM |                  |
| 2166 | OP25                   | Feature | New     | High     | Add support for Max's I/Q 455khz downconverter  |          | 04/22/2017 04:15 PM |                  |
| 2162 | OP25                   | Bug     | New     | High     | Fix bit-ordering in output for VC55.  |          | 04/22/2017 04:15 PM |                  |
| 2160 | OP25                   | Feature | New     | High     | Add "datascope" to usrp_p25_rx.py   |          | 04/22/2017 04:16 PM |                  |
| 2158 | OP25                   | Feature | New     | High     | Create a shared library for decoding for WireShark and the decoder.                       |          | 04/22/2017 04:16 PM |                  |
| 2157 | OP25                   | Feature | New     | High     | Fix "traffic" tab so it displays data for non-HDU data units                              |          | 04/22/2017 04:16 PM |                  |
| 2156 | OP25                   | Feature | New     | High     | Implement forward error correction for HDU.   |          | 04/22/2017 04:16 PM |                  |
| 2155 | OP25                   | Feature | New     | High     | Replace FSK4 demodulation with IQ demodulator stage.                                      |          | 04/22/2017 04:16 PM |                  |
| 6323 | OP25                   | Bug     | New     | Normal   | Install script is broken on Ubuntu 23.10  |          | 01/05/2024 07:54 PM |                  |
| 4455 | OP25                   | Feature | New     | Normal   | AMBE CODEC  |          | 03/28/2020 09:53 PM |                  |
| 4130 | OP25                   | Bug     | New     | Normal   | OP25 User Interface   |          | 07/26/2019 02:36 AM |                  |
| 3776 | OP25                   | Bug     | New     | Normal   | Build fail using gcc version 7.3.0 Ubuntu 18.04.1 LTS                                     |          | 07/05/2019 07:12 PM |                  |
| 3531 | OP25                   | Bug     | New     | Normal   | Unknown status of the p25 wireshark plugin  |          | 10/06/2022 05:52 AM |                  |
| 5484 | Open Source IMS Client | Feature | New     | Normal   | create setup for nested IPsec (doubango on top of StrongSWAN)                             |          | 03/07/2022 11:19 AM |                  |
| 5483 | Open Source IMS Client | Feature | New     | Normal   | SIM card interface for strongswan   |          | 03/07/2022 03:19 PM |                  |
| 5482 | Open Source IMS Client | Feature | New     | Normal   | VoWiFi client for creating [outer] IPsec tunnel to ePDG                                   |          | 03/07/2022 09:33 PM | Related to #5482 |
| 5380 | osmo-ccid-firmware     | Bug     | New     | Normal   | Incorrect answer to PC_to_RDR_SetParameters CCID command                                  |          | 01/16/2022 08:55 PM |                  |
| 5310 | osmo-ccid-firmware     | Bug     | New     | Normal   | sysmoOCTSIM does not re-enumerate after unplug/replug the USB cable when PSU is connected |          | 11/15/2021 05:13 PM |                  |
| 4822 | osmo-ccid-firmware     | Bug     | Stalled | Low      | sysmoOCTSIM with osmo-ccid-firmware sometimes fails to enumerate on USB                   |          | 11/05/2021 05:19 PM |                  |
| 4806 | osmo-ccid-firmware     | Feature | New     | Low      | Add support of T=1?   |          | 10/15/2020 03:40 PM |                  |
| 5735 | osmo-e1d               | Bug     | New     | Normal   | ctl client disconnect doesn't re-set timeslot state                                       |          | 05/23/2023 06:19 AM |                  |
| 5521 | osmo-e1d               | Bug     | New     | Low      | don't attempt OCTOI connection of no TDM data from driver (icE1usb)                       |          | 04/10/2022 05:28 PM |                  |
| 5520 | osmo-e1d               | Feature | New     | Low      | exponential back-off on octoi client reconnect attempts                                   |          | 07/29/2023 07:30 AM |                  |
| 5499 | osmo-e1d               | Bug     | New     | Low      | octoi client binds to specific IP even if 0.0.0.0 is specified                            |          | 05/23/2023 07:10 AM |                  |

| #    | Project  | Tracker | Status | Priority | Subject  | Assignee | Updated             | Related issues   |
|------|--|---------|--------|----------|--|----------|---------------------|------------------|
| 4915 | osmo-e1d                                       | Feature | New    | Low      | consider a one-thread-per-line architecture                                    |          | 07/29/2023 07:31 AM |                  |
| 6408 | osmo-ePDG - VoWifi Evolved Packet Data Gateway | Feature | New    | Normal   | osmo-epdg: Support check IMEI  |          | 03/15/2024 06:45 PM |                  |
| 6407 | osmo-ePDG - VoWifi Evolved Packet Data Gateway | Feature | New    | Normal   | osmo-epdg: Support Emergency services (no IMSI)                                |          | 03/15/2024 06:43 PM |                  |
| 6332 | osmo-ePDG - VoWifi Evolved Packet Data Gateway | Feature | New    | Normal   | osmo-epdg: Write User Manual   |          | 01/18/2024 04:15 PM | Related to #6332 |
| 6354 | osmo-ePDG - VoWifi Evolved Packet Data Gateway | Feature | New    | Low      | investigate UE behavior in terms of respecting ePDG configuration on USIM/ISIM |          | 02/07/2024 04:10 PM |                  |
| 6345 | osmo-ePDG - VoWifi Evolved Packet Data Gateway | Feature | New    | Low      | osmo-epdg: Implement SWm interface (Diameter) ePDG <-> AAA                     |          | 01/25/2024 05:22 PM |                  |
| 4174 | osmo-fl2k                                      | Bug     | New    | Normal   | After the latest commits, the fl2k tools do not exit on first SIGINT           |          | 08/25/2019 04:57 PM |                  |
| 4961 | osmo-gbproxy                                   | Feature | New    | Normal   | gbproxy support for "network sharing" via MOCN                                 |          | 01/20/2021 08:38 PM |                  |
| 4893 | osmo-gbproxy                                   | Feature | New    | Low      | gbproxy2: Make feature bitmap configurable                                     |          | 12/08/2020 07:55 AM | Related to #4893 |
| 5372 | osmo-lab-rack                                  | Feature | New    | Low      | AC power supply  |          | 12/23/2021 06:33 PM |                  |
| 5371 | osmo-lab-rack                                  | Feature | New    | Low      | component carrier USB-UART   |          | 12/23/2021 06:31 PM |                  |
| 5370 | osmo-lab-rack                                  | Feature | New    | Low      | component carrier USB hub  |          | 12/23/2021 06:30 PM |                  |
| 4317 | osmo-pcap                                      | Bug     | New    | Low      | external tests not enabled in jenkins.sh                                       |          | 12/10/2019 02:42 PM |                  |
| 2697 | osmo-qcdiag                                    | Feature | New    | Normal   | Create and add debian packages for osmo-qcdiag to osmocom debian repositories  |          | 11/30/2017 06:03 PM |                  |
| 1907 | osmo-qcdiag                                    | Bug     | New    | Normal   | osmo-qcdiag detects CRC errors relatively often                                |          | 01/23/2017 01:47 AM |                  |
| 1901 | osmo-qcdiag                                    | Feature | New    | Normal   | osmo-qcdiag: Ability to read/write NV data                                     |          | 01/11/2017 12:15 PM |                  |
| 1900 | osmo-qcdiag                                    | Feature | New    | Normal   | osmo-qcdiag: Add FUSE based access for EFS                                     |          | 01/11/2017 12:15 PM |                  |
| 1899 | osmo-qcdiag                                    | Bug     | New    | Normal   | osmo-qcdiag: DIAG based pcap tracing (DPL) not working                         |          | 01/11/2017 12:15 PM |                  |
| 5628 | osmo-remsim                                    | Bug     | New    | Low      | client-st2: error mesasges when mapping is removed                             |          | 07/24/2022 07:14 AM |                  |
| 5321 | osmo-remsim                                    | Feature | New    | Low      | support SAP of u-blox AT+USAPMODE  |          | 11/22/2021 10:37 AM |                  |
| 5320 | osmo-remsim                                    | Feature | New    | Low      | support SAP of Telit AT#RSEN   |          | 11/22/2021 10:38 AM |                  |
| 5462 | osmo-sip-connector                             | Bug     | New    | Normal   | Contact Header Missing - Way Forward?  |          | 02/21/2022 05:51 AM |                  |
| 4352 | osmo-sip-connector                             | Bug     | New    | Normal   | Need to handle 401 Unauthorized  |          | 01/09/2020 02:03 PM |                  |
| 4310 | osmo-sip-connector                             | Bug     | New    | Normal   | sends BYE to self  |          | 01/09/2020 09:21 AM |                  |
| 3763 | osmo-sip-connector                             | Bug     | New    | Normal   | Implement correct handling for call answered elsewhere                         |          | 01/22/2019 01:03 PM |                  |
| 3741 | osmo-sip-connector                             | Bug     | New    | Normal   | Unknow call parameters shown in vty  |          | 12/28/2018 02:01 PM |                  |

| #    | Project            | Tracker | Status      | Priority | Subject  | Assignee | Updated             | Related issues  |
|------|--------------------|---------|-------------|----------|--|----------|---------------------|---|
| 3724 | osmo-sip-connector | Bug     | New         | Normal   | Wrong media format used in SIP INVITE causes one-way audio   |          | 12/11/2018 02:57 PM | Related to #3724,Related to #5177                                   |
| 1686 | osmo-sip-connector | Feature | New         | Normal   | osmo-sip-connector: Implement call holding on SIP  |          | 10/20/2020 08:36 AM |   |
| 4762 | osmo-sip-connector | Feature | New         | Low      | Osmo Analog Support  |          | 09/25/2020 07:31 AM | Related to #4763  |
| 1687 | osmo-sip-connector | Feature | New         | Low      | osmo-sip-connector: Explore 3-way conference call  |          | 01/08/2020 10:56 PM |   |
| 2622 | OsmoBSC            | Support | Stalled     | High     | Prepare automatic interop testing of OsmoBSC against NG40 core simulator + osmo-bts-virtual + mobile |          | 09/04/2019 09:18 AM | Related to #2478,Related to #2558,Related to #2555                  |
| 6328 | OsmoBSC            | Bug     | New         | Normal   | Channel Mode Modify fails to modify the RTP payload type number                                      |          | 01/12/2024 06:24 AM | Related to #6328  |
| 6007 | OsmoBSC            | Bug     | New         | Normal   | network -> bts -> gprs nsvc will always create a nsvc node   |          | 04/17/2023 04:08 PM |   |
| 5843 | OsmoBSC            | Bug     | New         | Normal   | BTS features aren't reset after oml drop   |          | 12/22/2022 09:27 PM |   |
| 5842 | OsmoBSC            | Bug     | New         | Normal   | ipa: investigate NSVC local and remote port configuration difference with wireshark dissector        |          | 12/22/2022 07:18 PM |   |
| 5586 | OsmoBSC            | Feature | New         | Normal   | Ericsson RBS could recover Unlocked state without osmo-bsc restart                                   |          | 06/21/2022 10:23 PM | Related to #5983  |
| 5515 | OsmoBSC            | Bug     | New         | Normal   | BSC_Tests: re-establishment: RA during CHAN RQD should reflect re-establishment                      |          | 04/06/2022 08:02 PM |   |
| 4930 | OsmoBSC            | Bug     | New         | Normal   | bsc: cbc: vty: "no remote-ip" in cbc > client  |          | 12/31/2020 10:42 PM |   |
| 4884 | OsmoBSC            | Bug     | New         | Normal   | RLL_REL_IND is recieved after RF_CHAN_REL  |          | 12/02/2020 11:51 AM |   |
| 4858 | OsmoBSC            | Bug     | New         | Normal   | handover CHANnel ACTIVation: BSC sends timing advance for lchan activation in a different cell       |          | 11/10/2020 05:41 PM |   |
| 4767 | OsmoBSC            | Bug     | New         | Normal   | pcu interface: add suspend request support   |          | 09/29/2020 04:40 PM |   |
| 4766 | OsmoBSC            | Bug     | New         | Normal   | pcu interface: add app info request  |          | 09/26/2020 10:21 PM |   |
| 4589 | OsmoBSC            | Bug     | New         | Normal   | osmo-bsc crashes with "lchan allocation failed in state WAIT_RF_RELEASE_ACK: Timeout"                |          | 06/06/2020 10:40 PM |   |
| 4553 | OsmoBSC            | Bug     | New         | Normal   | OsmoBSC doesn't handle RESET IP RESOURCE BSSMAP message  |          | 05/16/2020 07:44 PM |   |
| 4541 | OsmoBSC            | Feature | New         | Normal   | add ttcn3 tests for situations of Abis latency spikes, where chan act/deact ACK messages arrive late |          | 11/20/2023 05:03 PM | Related to #4541,Related to #6375                                   |
| 4538 | OsmoBSC            | Bug     | New         | Normal   | timeslot_fsm.c: make the PDCH act/deact timeout configurable   |          | 05/09/2020 08:20 PM | Related to #4539  |
| 4537 | OsmoBSC            | Feature | In Progress | Normal   | OsmoBSC needs strategies to recover broken lchans (lchan state BORKEN)                               |          | 11/20/2023 05:03 PM | Related to #4537,Related to #4540,Related to #4541,Related to #5106 |
| 4536 | OsmoBSC            | Feature | New         | Normal   | Multi BTS support within a single physical device  |          | 06/21/2020 01:10 PM |   |

| #    | Project | Tracker | Status  | Priority | Subject   | Assignee | Updated             | Related issues   |
|------|---------|---------|---------|----------|---|----------|---------------------|--|
| 3865 | OsmoBSC | Bug     | New     | Normal   | nanoBTS: GPRS not working anymore, modems unable to attach in osmo-gsm-tester                   |          | 05/11/2023 01:00 PM | Is duplicate of #3865  |
| 3814 | OsmoBSC | Bug     | New     | Normal   | MS Power Control Problem with Osmo-BSC and nanoBTS  |          | 02/24/2019 01:15 AM |  |
| 3806 | OsmoBSC | Bug     | Stalled | Normal   | OsmoBSC accepts BSSAP with wrong length field   |          | 08/28/2020 08:15 PM | Related to #3806   |
| 3481 | OsmoBSC | Feature | New     | Normal   | handover from TCH/H to TCH/F to reduce load   |          | 06/08/2020 07:08 PM | Related to #3481,Related to #3481  |
| 3480 | OsmoBSC | Feature | New     | Normal   | handover from TCH/F to TCH/H to reduce load   |          | 06/08/2020 07:08 PM | Related to #3480,Related to #3481  |
| 3479 | OsmoBSC | Feature | New     | Normal   | test "every single failure" in osmo-bsc FSMs  |          | 08/20/2018 11:15 AM | Related to #3479   |
| 3330 | OsmoBSC | Feature | New     | Normal   | osmo-bsc: Implement IMMEDIATE ASSIGNMENT EXTENDED   |          | 06/08/2018 12:14 PM | Related to #3330   |
| 3243 | OsmoBSC | Bug     | New     | Normal   | there is MGW config for each separate 'msc', but the MGW settings are stored only once globally |          | 05/07/2018 03:10 PM |  |
| 3097 | OsmoBSC | Feature | New     | Normal   | ramping of "rxlev access min"   |          | 03/22/2018 11:51 AM | Related to #3097   |
| 3000 | OsmoBSC | Bug     | New     | Normal   | OsmoBSC issues "RSL Connect" command too early -> race conditions                               |          | 02/25/2018 12:32 PM | Related to #2470,Related to #4179  |
| 2382 | OsmoBSC | Bug     | New     | Normal   | T3105 not consistently communicated to all BTS models   |          | 03/05/2018 07:02 PM |  |
| 1858 | OsmoBSC | Feature | New     | Normal   | make BSC also generate ALERTs   |          | 12/10/2017 07:59 PM |  |
| 1857 | OsmoBSC | Feature | New     | Normal   | aggregate and report OML ALERT messages received from BTSs                                      |          | 12/10/2017 08:16 PM | Related to #1615,Related to #1605  |
| 1614 | OsmoBSC | Bug     | Stalled | Normal   | better identification of BTS model / capabilities to BSC  |          | 05/12/2020 12:11 PM | Related to #1614,Related to #2316,Related to #2317,Related to #3799,Related to #3938 |
| 34   | OsmoBSC | Bug     | New     | Normal   | ipaccess init code needs proper state machines  |          | 12/10/2017 08:16 PM | Related to #34   |
| 5547 | OsmoBSC | Feature | New     | Low      | upon emergency call, from the MSC-pool pick an MSC that allows emergency calling                |          | 04/25/2022 05:49 AM |  |
| 5190 | OsmoBSC | Bug     | New     | Low      | segfault with osmo-e1d  |          | 09/15/2021 09:34 AM |  |
| 5156 | OsmoBSC | Feature | New     | Low      | Support intraBSC handover between distinct BTS types  |          | 11/04/2021 06:27 PM |  |
| 4990 | OsmoBSC | Feature | New     | Low      | TTCN3 test for AMR MultiRate IEs in RR and RSL  |          | 07/02/2021 04:34 PM |  |
| 4981 | OsmoBSC | Feature | New     | Low      | Support for generating BSSMAP RESOURCE INDICATION   |          | 01/27/2021 03:02 PM | Related to #4982   |
| 4979 | OsmoBSC | Feature | New     | Low      | Support for parsing incoming BSSMAP LOAD INDICATION   |          | 01/27/2021 02:41 PM | Related to #4979,Related to #4980  |

| #    | Project | Tracker | Status  | Priority | Subject   | Assignee | Updated             | Related issues  |
|------|---------|---------|---------|----------|---|----------|---------------------|---|
| 4978 | OsmoBSC | Feature | New     | Low      | Support for generating BSSMAP LOAD INDICATION   |          | 01/27/2021 02:40 PM | Related to #4979,Related to #4980                           |
| 4682 | OsmoBSC | Feature | New     | Low      | OM2000 MCTR Support for Ericsson RBS6000 / DUG 20   |          | 07/30/2020 06:51 AM | Precedes #4682  |
| 4647 | OsmoBSC | Bug     | New     | Low      | Getting attributes from BTS0 type nokia_site is not supported.  |          | 07/04/2020 09:05 AM |   |
| 4640 | OsmoBSC | Feature | New     | Low      | SI2quater: support multiple EUTRAN Neighbor Cells List entries, not only multiple EUTRAN Cell Descriptions in the first Cells List entry  |          | 07/06/2020 03:03 PM |   |
| 4189 | OsmoBSC | Feature | New     | Low      | TTCN-3 tests for load-based hand-over in BSC  |          | 09/04/2019 09:10 AM | Related to #4189  |
| 3831 | OsmoBSC | Feature | New     | Low      | BSC support for "network sharing" via MOCN  |          | 01/20/2021 10:03 AM | Related to #4473  |
| 3787 | OsmoBSC | Bug     | New     | Low      | Assignment Request modifies conn->codec_list before the Assignment is successful  |          | 01/08/2020 10:25 PM | Related to #3833  |
| 3786 | OsmoBSC | Bug     | New     | Low      | Assignment Request modifies conn->lcls state before the Assignment is successful  |          | 01/08/2020 10:25 PM |   |
| 3737 | OsmoBSC | Bug     | New     | Low      | abort because unused lchan has non-null conn pointer, after AMR config error  |          | 05/08/2019 03:35 PM |   |
| 3642 | OsmoBSC | Bug     | New     | Low      | logging filter imsi leaks bsc_subscr references   |          | 10/09/2018 10:04 PM |   |
| 3638 | OsmoBSC | Feature | New     | Low      | handover decision 2: load balancing across BSS  |          | 10/16/2018 01:16 PM | Related to #3638,Related to #3638,Related to #3638          |
| 3486 | OsmoBSC | Feature | New     | Low      | handover decision: congestion: figure out the tradeoff: re-assign within same cell vs. handover to another cell                           |          | 10/16/2018 01:16 PM | Related to #3486,Related to #3638                           |
| 3485 | OsmoBSC | Feature | New     | Low      | handover to make room for a less capable subscriber   |          | 10/16/2018 01:16 PM | Related to #3485  |
| 3484 | OsmoBSC | Feature | New     | Low      | handover decision: if rxlev is ok but rxqual is bad, move to different timeslot with same TCH kind to avoid interference                  |          | 10/16/2018 01:30 PM |   |
| 3482 | OsmoBSC | Feature | New     | Low      | handover decision: if a new call causes congestion that would trigger immedate re-assignment, assigning the other TCH kind from the start |          | 10/16/2018 01:15 PM | Related to #3482  |
| 2918 | OsmoBSC | Feature | New     | Low      | Implement a function to properly test connection clearing in MSC_ConnectionHandler.ttcn (BSC-Tests)                                       |          | 01/08/2020 10:21 PM |   |
| 2893 | OsmoBSC | Feature | Stalled | Low      | automatic simulator for large LU load   |          | 09/04/2019 09:23 AM | Related to #2722,Related to #2591,Blocks #2893,Blocks #2893 |
| 2462 | OsmoBSC | Feature | New     | Low      | clarify lchan->encr.alg_id  |          | 08/24/2017 01:27 PM | Related to #2462  |
| 1946 | OsmoBSC | Feature | New     | Low      | Add checks to the BSC VTY to prevent configurations known to not work   |          | 10/20/2020 08:40 AM | Related to #1614  |
| 1659 | OsmoBSC | Feature | New     | Low      | Check encoding of SI at time parameters are entered from VTY, not just at generation time   |          | 12/10/2017 08:06 PM |   |

| #    | Project    | Tracker | Status   | Priority | Subject  | Assignee | Updated             | Related issues                                     |
|------|------------|---------|----------|----------|--|----------|---------------------|--|
| 1613 | OsmoBSC    | Feature | New      | Low      | make BTS/TRX configuration changes without having to drop BTS OML link                                     |          | 12/10/2017 08:06 PM |  |
| 1600 | OsmoBSC    | Feature | New      | Low      | BSC: Make SI / rest octests more configurable  |          | 12/10/2017 08:04 PM |  |
| 73   | OsmoBSC    | Bug     | New      | Low      | Kill the paging_init_if_needed method in paging.c  |          | 12/10/2017 07:53 PM |  |
| 69   | OsmoBSC    | Bug     | New      | Low      | No timers for various calls  |          | 12/10/2017 07:53 PM |  |
| 68   | OsmoBSC    | Bug     | New      | Low      | ipaccess-config should work with -u ID -o IP -r BTS_IP   |          | 12/10/2017 07:52 PM |  |
| 39   | OsmoBSC    | Feature | New      | Low      | Logging filter on bts/trx or such  |          | 06/08/2020 07:07 PM |  |
| 4124 | OsmoBSCNAT | Feature | New      | Normal   | OsmoBSCNAT : Write user manual   |          | 01/08/2020 10:56 PM | Related to #4124                                   |
| 5257 | OsmoBTS    | Bug     | New      | High     | support random padding in SACCH downlink messages  |          | 10/12/2021 11:18 AM | Related to #5257                                   |
| 5256 | OsmoBTS    | Feature | New      | High     | support for random padding in LAPDm downlink messages  |          | 10/12/2021 11:17 AM | Related to #5256                                   |
| 4008 | OsmoBTS    | Bug     | Feedback | High     | Channel Activation starts SACCH too early in Asynchronous Handover   |          | 03/11/2022 12:47 PM | Related to #4008,Related to #4010,Related to #4009 |
| 6036 | OsmoBTS    | Feature | New      | Normal   | Implement ternary SID classification for HR1 uplink  |          | 05/17/2023 09:48 PM | Related to #6036,Related to #6036                  |
| 5576 | OsmoBTS    | Bug     | New      | Normal   | osmo-bts not moving NM state "Enabled -> DisabledDependency" when Admin state becomes Locked               |          | 06/02/2022 10:38 AM |  |
| 5474 | OsmoBTS    | Bug     | New      | Normal   | osmo-bts-trx: DTXd support not implemented   |          | 03/02/2022 05:06 PM | Related to #5474,Related to #5474                  |
| 5338 | OsmoBTS    | Bug     | New      | Normal   | LMSDevice.cpp:261 Power parameters requested before Tx Frequency was set! Providing band 900 by default... |          | 12/09/2021 11:42 PM |  |
| 4985 | OsmoBTS    | Bug     | New      | Normal   | AMR RTP CMR of downlink frames not used to influence CMC   |          | 01/28/2021 01:35 PM |  |
| 4827 | OsmoBTS    | Bug     | New      | Normal   | OsmoBTS VTY is lacking various vital information   |          | 10/23/2020 07:14 PM |  |
| 4579 | OsmoBTS    | Bug     | New      | Normal   | add IPv6 support   |          | 02/12/2021 12:26 PM |  |
| 4082 | OsmoBTS    | Bug     | New      | Normal   | OML: Unknown/unhandled PCHAN type: 0 NONE  |          | 11/18/2019 10:09 AM |  |
| 4031 | OsmoBTS    | Bug     | New      | Normal   | OML part of BTS has no TTCN-3 tests  |          | 09/04/2019 09:04 AM | Related to #4031,Related to #4031                  |
| 4023 | OsmoBTS    | Bug     | Stalled  | Normal   | Missing coverage of PCU interface in osmo-bts  |          | 03/21/2023 01:07 PM | Related to #4023                                   |
| 4009 | OsmoBTS    | Bug     | New      | Normal   | Channel Activation starts SACCH too early in Synchronous Handover  |          | 03/11/2022 12:44 PM | Related to #4009,Related to #4010,Related to #4009 |
| 3863 | OsmoBTS    | Support | Stalled  | Normal   | setup testing of osmo-bts-oc2g on real hardware with ttcn3 and osmocon/osmocom-bb                          |          | 12/01/2019 10:52 AM |  |

| #    | Project | Tracker | Status      | Priority | Subject  | Assignee | Updated             | Related issues  |
|------|---------|---------|-------------|----------|--|----------|---------------------|---|
| 3751 | OsmoBTS | Support | New         | Normal   | Ensure BTS Tests.ttcn results of OC-2G resemble what we know/expect from osmo-bts-{sysmo,trx}  |          | 12/01/2019 10:52 AM |   |
| 3329 | OsmoBTS | Feature | New         | Normal   | osmo-bts: Implement IMMEDIATE ASSIGNMENT EXTENDED  |          | 06/08/2018 12:02 PM | Related to #3330  |
| 1577 | OsmoBTS | Bug     | New         | Normal   | mph_send_config_logchpar doesn't update encryption config                                      |          | 02/23/2016 03:39 PM |   |
| 6167 | OsmoBTS | Feature | New         | Low      | csd_v110: implement rate adaptation for TCH/F14.4  |          | 09/01/2023 11:58 AM | Related to #6167,Related to #6346                                   |
| 5995 | OsmoBTS | Bug     | New         | Low      | osmo-bts printing log line 'OC=GPRS-NSE(f0) INST=(00,ff,ff): Tx unknown 0xf6'                  |          | 10/18/2023 05:47 PM |   |
| 5895 | OsmoBTS | Bug     | New         | Low      | LC15: Audio Quality Problem sometime after cf7a7fceb625a14fd764355c3b96fa86c77458c             |          | 03/20/2023 11:37 PM |   |
| 4989 | OsmoBTS | Feature | New         | Low      | AMR RATSCCH support  |          | 01/28/2021 01:41 PM |   |
| 4988 | OsmoBTS | Feature | New         | Low      | No TTCN3 test for AMR TFO / DL CMR handling  |          | 01/28/2021 01:38 PM |   |
| 4987 | OsmoBTS | Feature | New         | Low      | No TTCN3 test for AMR DTX FSMs   |          | 01/28/2021 01:37 PM | Related to #5474  |
| 4986 | OsmoBTS | Feature | New         | Low      | No TTCN3 tests of AMR rate/link adaptation   |          | 01/28/2021 01:36 PM |   |
| 4630 | OsmoBTS | Bug     | New         | Low      | osmo-bts: GSMTAP DL (tx) messages use hardcoded signal level 0                                 |          | 10/05/2022 09:11 AM |   |
| 4474 | OsmoBTS | Bug     | In Progress | Low      | l1fwd (-remote) tried to read eeprom locally   |          | 11/04/2021 06:35 PM |   |
| 4473 | OsmoBTS | Feature | New         | Low      | Support for broadcast of MOCN related SI21/22/23   |          | 03/29/2020 07:39 PM | Related to #4473  |
| 4014 | OsmoBTS | Feature | New         | Low      | Allow multiple [virtual] BTS instances on same [SDR] hardware that supports multiple TRX       |          | 05/21/2019 12:07 PM |   |
| 3796 | OsmoBTS | Bug     | New         | Low      | OsmoBTS doesn't send proper cause values in NACK   |          | 07/18/2019 06:04 AM | Related to #3796  |
| 3782 | OsmoBTS | Bug     | New         | Low      | OML bringup fails for osmo-bts-oc2g on high latency links                                      |          | 01/08/2020 10:27 PM | Related to #3782,Related to #3782,Related to #3789,Related to #4031 |
| 3058 | OsmoBTS | Bug     | New         | Low      | RSL SACCH FILLING are per TRX, not BTS scope   |          | 03/11/2018 08:55 PM |   |
| 2974 | OsmoBTS | Bug     | New         | Low      | OsmoBTS doesn't use the "Diagnostics" part of the RSL Cause IE                                 |          | 07/18/2019 05:48 AM |   |
| 2942 | OsmoBTS | Bug     | New         | Low      | osmo-bts-virtual+virtphy+mobile paging for SMS delivery fails                                  |          | 02/13/2018 05:05 PM |   |
| 2827 | OsmoBTS | Feature | New         | Low      | would be nice if logging of the BTS number in osmo-bts matched the BTS number used in osmo-bsc |          | 06/23/2018 06:48 PM |   |
| 2366 | OsmoBTS | Feature | New         | Low      | OsmoBTS lacks EXTENDED BCCH support  |          | 07/15/2017 10:42 AM | Related to #1575,Related to #2014                                   |
| 2364 | OsmoBTS | Bug     | New         | Low      | OsmoBTS sends SI1 even if it is not specified/needed   |          | 07/15/2017 10:06 AM |   |
| 2355 | OsmoBTS | Bug     | New         | Low      | optimize log output of phy specific code   |          | 09/04/2019 09:26 AM | Related to #2355  |
| 1926 | OsmoBTS | Feature | New         | Low      | unify *_mgr code   |          | 07/18/2019 06:08 AM |   |

| #    | Project  | Tracker | Status   | Priority | Subject   | Assignee | Updated             | Related issues                    |
|------|--|---------|----------|----------|---|----------|---------------------|-----------------------------------|
| 1902 | OsmoBTS  | Feature | New      | Low      | unify/refactor dynamic timeslot code  |          | 01/08/2020 10:56 PM | Related to #1902,Related to #3099 |
| 1898 | OsmoBTS  | Bug     | Feedback | Low      | Wrong handover detection with l1sap on wrong ss=0/ts=0                                |          | 11/07/2017 09:54 PM |                                   |
| 1837 | OsmoBTS  | Feature | New      | Low      | autogenerate dtx_dl_amr_fsm.*   |          | 03/01/2018 11:17 PM |                                   |
| 1771 | OsmoBTS  | Feature | New      | Low      | osmo-bts-trx: clarify check_transceiver_availability()                                |          | 03/01/2018 11:17 PM | Related to #1770                  |
| 1755 | OsmoBTS  | Feature | New      | Low      | osmo-bts-sysmo L1: unify hLayer3 handling   |          | 02/02/2017 04:00 PM | Related to #1755                  |
| 1751 | OsmoBTS  | Bug     | New      | Low      | incompatibility between LCR and DTX   |          | 06/14/2016 04:39 PM |                                   |
| 1744 | OsmoBTS  | Bug     | New      | Low      | 1-way voice between sysmobts and nanobts if DTX is enabled                            |          | 07/18/2019 06:08 AM | Related to #1562                  |
| 1692 | OsmoBTS  | Feature | New      | Low      | clock source monitoring   |          | 04/13/2016 09:49 AM |                                   |
| 1674 | OsmoBTS  | Bug     | New      | Low      | Kill duplication between l1_if.c and sysmbots_ctrl.c                                  |          | 07/18/2019 06:08 AM |                                   |
| 1579 | OsmoBTS  | Feature | New      | Low      | Use epoll   |          | 01/15/2021 01:44 PM |                                   |
| 1576 | OsmoBTS  | Feature | New      | Low      | consider using hLayer2 as a pointer storage   |          | 02/02/2017 04:11 PM | Related to #1755                  |
| 1573 | OsmoBTS  | Feature | New      | Low      | ENHANCED MEASUREMENT REPORT   |          | 07/19/2021 04:13 PM |                                   |
| 1571 | OsmoBTS  | Feature | New      | Low      | Support RTP multiplexing instead of per-call RTP streams                              |          | 02/23/2016 03:32 PM |                                   |
| 1570 | OsmoBTS  | Feature | New      | Low      | Select RTP payload identifier based on requested speech mode                          |          | 02/23/2016 03:31 PM |                                   |
| 1561 | OsmoBTS  | Feature | New      | Low      | Multi-TRX support (one osmo-bts process per TRX)                                      |          | 02/23/2016 03:18 PM |                                   |
| 61   | OsmoBTS  | Feature | New      | Low      | osmo-bts: split TRAU/RTP frame handling into separate process                         |          | 06/13/2016 01:16 PM |                                   |
| 57   | OsmoBTS  | Bug     | New      | Low      | sysmobts L1 is not properly closed, DSP firmware reload is required                   |          | 03/01/2018 11:16 PM | Related to #57                    |
| 5721 | OsmoCBC  | Feature | New      | Normal   | CBC messages Geographical Scope and CBS Index   |          | 10/19/2022 07:23 AM |                                   |
| 5641 | OsmoCBC  | Feature | New      | Normal   | OsmoCBC doesn't yet support reloading cells becoming operational with active messages |          | 08/05/2022 05:10 PM |                                   |
| 5585 | OsmoCBC  | Bug     | New      | Low      | CBC should not send WRITE-REPLACE to cells that had sent FAILURE                      |          | 08/05/2022 04:58 PM |                                   |
| 5167 | Osmocom Analog   | Feature | New      | Low      | LimeNet Micro   |          | 04/02/2023 08:57 AM |                                   |
| 3201 | Osmocom Conferences (OsmoDevCon, OsmoCon, OsmoDevCall) | Bug     | New      | Normal   | OsmoDevCon: Add one more rectangular table  |          | 04/23/2018 07:00 PM |                                   |
| 3200 | Osmocom Conferences (OsmoDevCon, OsmoCon, OsmoDevCall) | Bug     | New      | Normal   | OsmoDevCon: Use loudspeakers even at IN-Berlin  |          | 04/23/2018 06:53 PM |                                   |
| 2292 | Osmocom Conferences (OsmoDevCon, OsmoCon, OsmoDevCall) | Bug     | New      | Normal   | Time with community users during OsmoCon  |          | 05/25/2017 03:03 PM |                                   |
| 2179 | Osmocom Conferences (OsmoDevCon, OsmoCon, OsmoDevCall) | Bug     | New      | Normal   | no sign about OsmoCon outside of venue  |          | 04/24/2017 07:10 PM |                                   |



| #    | Project           | Tracker | Status | Priority  | Subject   | Assignee | Updated             | Related issues                     |
|------|-------------------|---------|--------|-----------|---|----------|---------------------|------------------------------------|
| 5683 | Osmocom Libraries | Bug     | New    | Immediate | How to install osmocom in China   |          | 09/18/2022 10:18 AM |                                    |
| 5644 | Osmocom Libraries | Bug     | New    | Normal    | Check library pkg-config files for proper dependencies                                      |          | 08/10/2022 01:02 PM | Related to #5644                   |
| 6337 | OsmocomBB         | Bug     | New    | High      | bad fr audio with gapk/ms-sdr   |          | 01/22/2024 09:21 PM | Related to #6337                   |
| 1462 | OsmocomBB         | Bug     | New    | High      | ../src/utls.c:182:7: error: only weak aliases are supported in this configuration           |          | 02/21/2016 04:48 PM |                                    |
| 6348 | OsmocomBB         | Feature | New    | Normal    | virtphy: add Circuit Switched Data (CSD) support  |          | 01/26/2024 10:03 PM | Related to #6348                   |
| 6347 | OsmocomBB         | Feature | New    | Normal    | mobile: support data calls @ 300 bps and 1200/75 bps (TCH/[FH]2.4)                          |          | 01/26/2024 09:54 PM | Related to #6347                   |
| 6346 | OsmocomBB         | Feature | New    | Normal    | mobile: support data calls @ 14400 bps (TCH/F14.4)  |          | 01/26/2024 10:03 PM | Related to #6346, Related to #6346 |
| 6201 | OsmocomBB         | Bug     | New    | Normal    | modem: signal proper MS Radio Access Capability   |          | 10/04/2023 12:34 PM | Related to #6201                   |
| 5822 | OsmocomBB         | Bug     | New    | Normal    | SE K2x0i: missing RF and AFC params   |          | 12/15/2022 11:36 PM |                                    |
| 5505 | OsmocomBB         | Feature | New    | Normal    | GPRS mobility (cell change) support   |          | 07/01/2022 06:24 AM | Related to #5505                   |
| 5504 | OsmocomBB         | Feature | New    | Normal    | GSM/GPRS coordination (RR/GRR)  |          | 05/23/2023 12:31 PM | Related to #5504                   |
| 5305 | OsmocomBB         | Bug     | New    | Normal    | Burst capture   |          | 11/10/2021 06:38 PM |                                    |
| 5202 | OsmocomBB         | Bug     | New    | Normal    | [Assert failed rc >= 0 l1ctl.c:83] cell_log crashes (mostly) when monitoring specific ARFCN |          | 07/25/2021 01:38 PM |                                    |
| 4581 | OsmocomBB         | Support | New    | Normal    | compiler error assert.h no such file  |          | 06/05/2020 09:54 AM |                                    |
| 4471 | OsmocomBB         | Support | New    | Normal    | Received FTMT00L from phone, ramloader has aborted  |          | 03/29/2020 11:18 AM |                                    |
| 4418 | OsmocomBB         | Feature | New    | Normal    | test-sim: support all libosmocore algorithms (comp128 v1, v2, v3; MILENAGE)                 |          | 02/26/2020 11:41 PM |                                    |
| 3653 | OsmocomBB         | Bug     | New    | Normal    | FACCH/H sometimes not received by BTS with osmocomBB+motorolaCXX                            |          | 10/22/2018 02:37 PM | Related to #5518                   |
| 3652 | OsmocomBB         | Bug     | New    | Normal    | Incorrect IMEISV setting in mobile application  |          | 10/12/2018 08:20 PM |                                    |
| 3629 | OsmocomBB         | Bug     | New    | Normal    | mobile aborting after 'test re-selection 1' on vty  |          | 10/04/2018 02:58 PM |                                    |
| 3401 | OsmocomBB         | Bug     | New    | Normal    | target/firmware/l1ctl: both chan_nr and link_id are not set for L1CTL_DATA_CONF             |          | 07/16/2018 11:56 PM |                                    |
| 2995 | OsmocomBB         | Bug     | New    | Normal    | Wrong parsing of PAGING TYPE 3  |          | 02/24/2018 11:03 PM | Related to #2994                   |
| 2705 | OsmocomBB         | Bug     | New    | Normal    | GSM48_MMR_NREG_REQ followed by GSM48_MMR_REG_REQ don't attach to the network                |          | 12/03/2017 09:50 PM |                                    |
| 2694 | OsmocomBB         | Bug     | New    | Normal    | SIGSEGV in lapdm code   |          | 11/30/2017 08:45 AM | Related to #2694                   |
| 2690 | OsmocomBB         | Bug     | New    | Normal    | ASAN issue on shutdown/no shutdown SYSINFO access   |          | 11/29/2017 09:33 AM |                                    |
| 2379 | OsmocomBB         | Feature | New    | Normal    | package as .deb   |          | 02/27/2020 02:39 PM |                                    |
| 2378 | OsmocomBB         | Feature | New    | Normal    | Remove copy-pasted libosmocore ("git subtree") from osmocom-bb.git                          |          | 10/24/2018 02:13 PM |                                    |

| #    | Project                    | Tracker | Status      | Priority | Subject   | Assignee | Updated             | Related issues                    |
|------|----------------------------|---------|-------------|----------|---|----------|---------------------|-----------------------------------|
| 1954 | OsmocomBB                  | Bug     | In Progress | Normal   | Motorola C188 with Osmocombb firmwre(RAM version) can't scan out any base stations        |          | 07/10/2017 10:24 PM |                                   |
| 1916 | OsmocomBB                  | Bug     | New         | Normal   | building GNU ARM toolchain with gcc-4.8 fails on modern texinfo                           |          | 10/16/2017 02:14 PM |                                   |
| 5815 | OsmocomBB                  | Feature | New         | Low      | mobile: compose Bearer Capability IE depending on PHY capabilities and GAPK codec support |          | 12/06/2022 07:38 PM | Related to #5815,Related to #5815 |
| 5812 | OsmocomBB                  | Feature | New         | Low      | mobile: missing AMR support   |          | 12/06/2022 03:07 PM | Related to #5812                  |
| 3387 | OsmocomBB                  | Feature | New         | Low      | osmocon: Use libosmocore logging system   |          | 10/05/2018 04:21 PM |                                   |
| 3280 | OsmocomBB                  | Feature | New         | Low      | Multiparty SS support in OsmocomBB  |          | 05/22/2018 07:40 AM |                                   |
| 2913 | OsmocomBB                  | Feature | New         | Low      | Add a tool that decodes Cell Broadcasts (SMSCB)   |          | 09/29/2018 09:31 AM | Related to #3564                  |
| 1627 | OsmocomBB                  | Support | Stalled     | Low      | DCS_8BIT and DCS_UCS2 encoding support  |          | 07/16/2018 06:53 PM |                                   |
| 6372 | OsmocomBB SDR PHY          | Bug     | New         | Normal   | Cant connect to BS using cell_log and mobile  |          | 02/22/2024 07:13 AM |                                   |
| 3459 | OsmocomBB SDR PHY          | Bug     | Stalled     | Normal   | apps/grgsm_trx: AssertionError: packet_info.packet_count == (seq_to_ack & 0xffff)         |          | 07/09/2023 07:48 PM |                                   |
| 3458 | OsmocomBB SDR PHY          | Bug     | Stalled     | Normal   | apps/grgsm_trx: [ERROR] [STREAMER] recv packet demuxer unexpected sid 0xXX                |          | 07/09/2023 07:48 PM | Related to #3692                  |
| 3425 | OsmocomBB SDR PHY          | Bug     | Stalled     | Normal   | Receiver: missing AGC (Automatic Gain Control)  |          | 07/09/2023 07:44 PM |                                   |
| 3424 | OsmocomBB SDR PHY          | Feature | Stalled     | Normal   | Transceiver: implement automatic TX delay measurement                                     |          | 07/09/2023 07:46 PM |                                   |
| 3423 | OsmocomBB SDR PHY          | Feature | Stalled     | Normal   | Receiver: hard-coded GSM 05.02 channel configuration                                      |          | 07/09/2023 07:45 PM |                                   |
| 3422 | OsmocomBB SDR PHY          | Bug     | Stalled     | Normal   | Receiver: sample / burst buffering problem  |          | 07/09/2023 07:39 PM |                                   |
| 5396 | OsmocomDECT                | Bug     | New         | High     | TcpDump/WireShark will not build with libpcap(dect)                                       |          | 01/09/2022 12:57 PM |                                   |
| 5394 | OsmocomDECT                | Bug     | New         | High     | Kernel Oops when loading com_on_air_cs (unable to handle kernel NULL pointer dereference) |          | 01/09/2022 12:54 PM |                                   |
| 5393 | OsmocomDECT                | Bug     | New         | High     | tipc problems while building on Ubuntu  |          | 01/09/2022 12:48 PM |                                   |
| 5392 | OsmocomDECT                | Bug     | New         | High     | Sliding collision errors  |          | 01/09/2022 12:44 PM |                                   |
| 5395 | OsmocomDECT                | Feature | New         | Normal   | Support for LMX3161   |          | 01/09/2022 12:55 PM |                                   |
| 5389 | OsmocomDECT                | Bug     | New         | Low      | Namespace clashes between kernel and userspace  |          | 01/09/2022 12:30 PM |                                   |
| 5388 | OsmocomDECT                | Bug     | New         | Low      | {MM-INFO-SUGGEST} message not sent with ext bit set to 0                                  |          | 01/09/2022 12:28 PM |                                   |
| 4596 | OsmocomTETRA               | Feature | New         | Normal   | Port to GR3.8   |          | 01/08/2021 05:23 PM |                                   |
| 1897 | OsmocomTETRA               | Bug     | New         | Low      | Inefficient sequence search in tetra_find_train_seq                                       |          | 04/10/2017 01:04 AM |                                   |
| 6255 | OsmoDia2GSUP               | Bug     | New         | Normal   | Implement 3GPP Purge UE Request   |          | 11/10/2023 01:29 PM |                                   |
| 6298 | OsmoGGSN (former OpenGGSN) | Feature | New         | Normal   | osmo-ggsn not providing MTU of the GTP tunnel to the MS                                   |          | 02/15/2024 10:30 PM | Related to #6298                  |
| 6106 | OsmoGGSN (former OpenGGSN) | Bug     | New         | Normal   | OsmoGGSN attempts to use the same GTP-U socket for all APNs with gtpu-mode kernel-gtp     |          | 02/21/2024 10:31 AM | Related to #6106,Related to #6106 |

| #    | Project                    | Tracker | Status  | Priority | Subject   | Assignee | Updated             | Related issues   |
|------|----------------------------|---------|---------|----------|---|----------|---------------------|------------------|
| 5773 | OsmoGGSN (former OpenGGSN) | Bug     | New     | Normal   | OsmoGGSN sends Direct Tunnel packets to the wrong IP address  |          | 11/17/2022 04:17 AM |                  |
| 5357 | OsmoGGSN (former OpenGGSN) | Bug     | New     | Normal   | no more than PDP_MAX == 1024 PDP contexts possible in libgtp  |          | 12/14/2021 01:20 PM | Related to #5469 |
| 4749 | OsmoGGSN (former OpenGGSN) | Bug     | New     | Normal   | Unknown/Unimplemented PCO Protocol  |          | 02/09/2022 01:26 PM |                  |
| 4433 | OsmoGGSN (former OpenGGSN) | Feature | New     | Normal   | sgsnemu: Add support for IPv4v6 EUAs  |          | 03/04/2020 10:44 AM |                  |
| 4415 | OsmoGGSN (former OpenGGSN) | Feature | New     | Normal   | Document in OsmoGGSN User Manual the IPv6 allocation process over GTP                               |          | 02/25/2020 03:05 PM |                  |
| 4172 | OsmoGGSN (former OpenGGSN) | Bug     | New     | Normal   | osmoggsn crashes when stopping  |          | 08/29/2019 11:35 AM |                  |
| 4033 | OsmoGGSN (former OpenGGSN) | Feature | New     | Normal   | ttcn3-ggsn-test: Add tests to verify secondary pdp context management                               |          | 05/30/2019 03:19 PM |                  |
| 6420 | OsmoGGSN (former OpenGGSN) | Bug     | New     | Low      | osmo-ggsn + pre-configured tun device seems to be broken with kernel gtp-u                          |          | 03/26/2024 11:43 AM |                  |
| 6419 | OsmoGGSN (former OpenGGSN) | Bug     | New     | Low      | osmo-ggsn removes tun devices it did not create   |          | 03/26/2024 11:26 AM |                  |
| 5449 | OsmoGGSN (former OpenGGSN) | Bug     | New     | Low      | osmo-ggsn: Accept IPv4v6 EUA pdp creation in APv4/v6-only APNs by answering with changed PDP Type   |          | 04/04/2023 09:46 AM |                  |
| 2494 | OsmoGGSN (former OpenGGSN) | Feature | New     | Low      | IPv6 support on the outer (transport) layer   |          | 02/06/2021 12:09 PM |                  |
| 6126 | OsmoGSMTester              | Bug     | New     | Normal   | osmo-gsm-tester docker container uses debian 10   |          | 08/01/2023 09:49 AM | Related to #6126 |
| 5838 | OsmoGSMTester              | Feature | New     | Normal   | Implement power switching for all BTSs  |          | 12/20/2022 05:30 PM |                  |
| 4151 | OsmoGSMTester              | Bug     | Stalled | Normal   | osmo-gsm-tester: osmo-trx-lms process sometimes kept forever in zombie-alike state after killing it |          | 09/30/2020 08:08 PM | Related to #4151 |
| 3931 | OsmoGSMTester              | Support | New     | Normal   | Contact quectel to get info about modem updates (hopefully less crashes)                            |          | 01/08/2020 10:56 PM | Related to #3931 |
| 3917 | OsmoGSMTester              | Bug     | New     | Normal   | ofono: update debian packages to match our dependencies   |          | 04/06/2020 11:30 AM |                  |
| 3676 | OsmoGSMTester              | Bug     | New     | Normal   | ofono: org.ofono.ConnectionManager property Bearer returning "none"                                 |          | 06/09/2020 08:39 PM |                  |
| 3564 | OsmoGSMTester              | Feature | New     | Normal   | Investigate ofono and modems Cell Broadcast support   |          | 01/08/2020 10:42 PM | Related to #3564 |
| 3046 | OsmoGSMTester              | Bug     | New     | Normal   | ofono: SierraW modem fails to power on  |          | 01/08/2020 10:41 PM |                  |
| 2941 | OsmoGSMTester              | Bug     | New     | Normal   | ofono: SierraW sometimes crashing while deactivating a context.                                     |          | 01/08/2020 10:40 PM |                  |
| 2861 | OsmoGSMTester              | Feature | New     | Normal   | osmo-gsm-tester: Add 3g support for sysmocell-5k  |          | 12/02/2019 01:36 PM | Related to #2860 |
| 2713 | OsmoGSMTester              | Bug     | New     | Normal   | ofono: chosen pdp type (v4, v6, dual) not strictly followed in ofono qmi                            |          | 01/08/2020 10:40 PM | Related to #2713 |
| 2707 | OsmoGSMTester              | Feature | New     | Normal   | Add support for verifying content of log files after test is run                                    |          | 12/04/2017 05:05 PM |                  |

| #    | Project       | Tracker | Status      | Priority | Subject   | Assignee | Updated             | Related issues                          |
|------|---------------|---------|-------------|----------|---|----------|---------------------|---|
| 2646 | OsmoGSMTester | Feature | New         | Normal   | osmo-gsm-tester: Add osmo-sip-connector support                                       |          | 04/23/2018 10:40 AM |   |
| 2621 | OsmoGSMTester | Bug     | New         | Normal   | Gobi2000: might stopped working because all CID got assigned                          |          | 01/08/2020 10:40 PM |   |
| 2615 | OsmoGSMTester | Bug     | New         | Normal   | Add API to check GPS lock in BTS  |          | 11/03/2017 05:00 PM |   |
| 2504 | OsmoGSMTester | Support | New         | Normal   | check whether running osmo-* from docker images is feasible on osmo-gsm-tester        |          | 04/06/2020 11:28 AM |   |
| 2431 | OsmoGSMTester | Bug     | New         | Normal   | osmo-gsm-tester: add test case: MS sends SMS to ESME                                  |          | 08/10/2017 03:47 PM |   |
| 2399 | OsmoGSMTester | Feature | New         | Normal   | add tests for graceful restart of individual components                               |          | 07/25/2017 12:02 AM |   |
| 2374 | OsmoGSMTester | Feature | New         | Normal   | osmo-gsm-tester: add test case: sms between MS with delivery report                   |          | 08/10/2017 04:37 PM |   |
| 2318 | OsmoGSMTester | Feature | New         | Normal   | testing sysmobts: skip copying of binaries when the same are already installed        |          | 06/07/2017 03:55 PM |   |
| 2314 | OsmoGSMTester | Feature | New         | Normal   | osmo-gsm-tester: add test case: smpp: correct ESME routing                            |          | 05/31/2017 04:29 PM |   |
| 2313 | OsmoGSMTester | Feature | New         | Normal   | osmo-gsm-tester: add test case: smpp: imsi extension                                  |          | 05/31/2017 04:27 PM |   |
| 2311 | OsmoGSMTester | Feature | New         | Normal   | osmo-gsm-tester: add test case: smpp: smpp_first feature                              |          | 05/31/2017 04:21 PM |   |
| 2266 | OsmoGSMTester | Feature | New         | Normal   | in the gsm tester, use ipa.py from openbsc instead of the current CTRL implementation |          | 10/16/2017 12:36 PM |   |
| 2238 | OsmoGSMTester | Bug     | In Progress | Normal   | ofono: Gobi modem: cannot receive SMS   |          | 01/08/2020 10:42 PM | Related to #2238                        |
| 2230 | OsmoGSMTester | Feature | New         | Normal   | osmo-gsm-tester: arfcn as resource  |          | 12/14/2017 04:08 PM | Related to #2230                        |
| 2197 | OsmoGSMTester | Feature | Stalled     | Normal   | osmo-gsm-tester: use MNCC interface   |          | 11/30/2017 10:41 AM | Related to #2194, is duplicate of #2197 |
| 4900 | OsmoGSMTester | Feature | New         | Low      | hardware and wiring verification / selftest   |          | 12/08/2020 11:03 AM |   |
| 2612 | OsmoGSMTester | Feature | New         | Low      | Allow skipping pcaps by configuration if access to tcpdump is not wanted              |          | 04/06/2020 11:25 AM |   |
| 2468 | OsmoGSMTester | Feature | New         | Low      | ofono: gobi modem doesn't support ofono SupplementaryServices interface               |          | 01/08/2020 10:51 PM |   |
| 2432 | OsmoGSMTester | Feature | New         | Low      | ofono: Find out how to receive Status / Delivery report                               |          | 01/08/2020 10:51 PM |   |
| 2288 | OsmoGSMTester | Feature | New         | Low      | logging: print in a short way which resource is being reserved and used               |          | 05/23/2017 02:25 PM |   |
| 2287 | OsmoGSMTester | Feature | New         | Low      | processes launched by gsmtester: store command lines called next to stdout and stderr |          | 05/23/2017 12:11 PM |   |
| 2271 | OsmoGSMTester | Feature | New         | Low      | add test names to pick to the -s cmdline option                                       |          | 05/18/2017 12:32 PM |   |
| 2245 | OsmoGSMTester | Bug     | New         | Low      | osmo-bts cfg: fix band string   |          | 05/15/2017 12:58 PM | Related to #2230                        |
| 2236 | OsmoGSMTester | Bug     | New         | Low      | ofono: Fix valgrind issues  |          | 01/08/2020 10:51 PM |   |
| 2225 | OsmoGSMTester | Feature | New         | Low      | tester nitb: connect ctrl interface only once   |          | 05/15/2017 12:58 PM |   |
| 2209 | OsmoGSMTester | Feature | New         | Low      | osmo-gsm-tester: add test API to explicitly free a resource                           |          | 05/19/2017 11:01 AM | Related to #2208                        |

| #    | Project       | Tracker | Status | Priority | Subject  | Assignee | Updated             | Related issues                |
|------|---------------|---------|--------|----------|--|----------|---------------------|-------------------------------|
| 2208 | OsmoGSMTester | Feature | New    | Low      | osmo-gsm-tester: allow running binaries for a whole suite, or only for a single test   |          | 05/30/2017 01:07 PM | Related to #2208              |
| 2200 | OsmoGSMTester | Feature | New    | Low      | osmo-gsm-tester: allow collecting statistics / KPI of a test case  |          | 04/06/2020 04:57 PM | Related to #2201              |
| 2196 | OsmoGSMTester | Feature | New    | Low      | libmsc ctrl interface: add CTRL command to query a single subscriber's attached state  |          | 05/15/2017 12:58 PM |                               |
| 4312 | OsmoHLR       | Bug     | New    | High     | GSUP keepalives / connection loss detection  |          | 10/12/2020 02:42 PM |                               |
| 6312 | OsmoHLR       | Bug     | New    | Normal   | Querying HLR for MSISDN-to-IMSI mapping is too cumbersome and inefficient  |          | 12/21/2023 06:52 AM | Related to #6312              |
| 5865 | OsmoHLR       | Feature | New    | Low      | Automate selection of LU Reject Cause  |          | 02/16/2023 10:36 AM |                               |
| 5183 | OsmoHLR       | Feature | New    | Low      | EIR functionality  |          | 06/16/2021 06:22 AM | Related to #5183              |
| 4588 | OsmoHLR       | Feature | New    | Low      | OsmoHLR doesn't appear to have any statistics / counters   |          | 06/06/2020 09:44 AM |                               |
| 4491 | OsmoHLR       | Bug     | New    | Low      | Cancel in old VLR/SGSN, if new VLR/SGSN differs from old   |          | 04/15/2020 12:29 PM |                               |
| 4303 | OsmoHLR       | Bug     | New    | Low      | various minor issues about evaluation of rc = db_subscr_get_by_*)  |          | 12/03/2019 11:02 PM |                               |
| 3732 | OsmoHLR       | Feature | New    | Low      | Support tacdb query in HLR   |          | 07/18/2019 06:12 AM | Related to #3732              |
| 3649 | OsmoHLR       | Feature | New    | Low      | Investigate LMDB as HLR data storage   |          | 10/12/2018 11:35 AM | Related to #3649              |
| 3019 | OsmoHLR       | Feature | New    | Low      | add config for number of auth tuples returned  |          | 06/23/2018 06:58 PM |                               |
| 2567 | OsmoHLR       | Feature | New    | Low      | tell the MSC(s) when subscriber data has changed   |          | 10/11/2017 01:50 AM |                               |
| 1643 | OsmoHLR       | Feature | New    | Low      | programmatic access to new asynchronous external HLR   |          | 12/10/2017 08:06 PM | Related to #1643,Blocks #1643 |
| 6433 | OsmoHNBGW     | Bug     | New    | Normal   | DLGLOBAL ERROR counter group 'hnb' already exists for index 0, instead using index 1. This is a software bug that needs fixing. (rate_ctr.c:221) |          | 04/04/2024 11:11 PM |                               |
| 6380 | OsmoHNBGW     | Bug     | New    | Normal   | VTY transcript tests are broken [again]  |          | 02/28/2024 06:57 PM |                               |

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