

## Issues

| #    | Project                         | Tracker | Status   | Priority | Subject  | Assignee | Updated             | Related issues   |
|------|---------------------------------|---------|----------|----------|--|----------|---------------------|------------------|
| 6450 | OsmoDia2GSUP                    | Bug     | New      | Low      | osmo_dia2gsup service has two timestamps for each log line in journalctl   |          | 05/10/2024 12:55 PM |                  |
| 6449 | libosmocore                     | Bug     | New      | Normal   | possible API problem in osmo_it_q: talloc_free() of llist_head *   |          | 05/09/2024 12:25 AM |                  |
| 6441 | OsmoSGSN                        | Bug     | New      | Normal   | use-after-free on RAU with invalid Old RAI   |          | 04/22/2024 01:23 PM | Related to #6441 |
| 6440 | libosmocore                     | Bug     | Feedback | Normal   | VTY: 'write file' breaks 'show startup-config'   |          | 04/26/2024 04:23 AM |                  |
| 6438 | libosmocore                     | Bug     | New      | Normal   | write_config_file() calls blocking sync()  |          | 04/26/2024 09:15 AM |                  |
| 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 |                  |
| 6427 | OsmoMSC                         | Bug     | New      | Normal   | ttn3-msc-test: TC_mo_ussd_for_unknown_trans fails sporadically   |          | 04/02/2024 03:01 PM | Related to #6427 |
| 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 |                  |
| 6418 | pySim                           | Bug     | New      | Normal   | osmo-smdpp docs  |          | 03/25/2024 05:54 PM |                  |
| 6411 | Cellular Network Infrastructure | Bug     | Stalled  | Normal   | ttn3: execute testsuites with a more realistic link performance  |          | 04/03/2024 06:25 PM |                  |
| 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 |                  |
| 6398 | pySim                           | Bug     | New      | Normal   | Add helper for SwMatchError  |          | 03/09/2024 09:34 PM |                  |
| 6382 | Linux Kernel GTP-U              | Bug     | Feedback | Normal   | "TC_pdp6_act_deact_gtpu_access" fails with kernel gtp-u  |          | 03/05/2024 04:06 PM |                  |
| 6380 | OsmoHNBGW                       | Bug     | New      | Normal   | VTY transcript tests are broken [again]  |          | 02/28/2024 06:57 PM |                  |
| 6374 | libosmocore                     | Bug     | New      | Normal   | libosmocore --disable-libsctp not tested by jenkins  |          | 02/23/2024 03:47 PM |                  |
| 6372 | OsmocomBB SDR PHY               | Bug     | New      | Normal   | Cant connect to BS using cell_log and mobile   |          | 02/22/2024 07:13 AM |                  |
| 6360 | libosmocore                     | Bug     | New      | Normal   | libosmovty fails to parse commands like "test (foo bar) [(one two three)]"   |          | 02/14/2024 09:25 PM |                  |
| 6337 | OsmocomBB                       | Bug     | New      | High     | bad fr audio with gapk/ms-sdr  |          | 01/22/2024 09:21 PM | Related to #6337 |
| 6330 | OsmoMSC                         | Bug     | New      | Normal   | Incorrect handling of V.120 data calls   |          | 01/18/2024 03:02 PM | Related to #6344 |
| 6329 | rtl-sdr                         | Bug     | New      | Normal   | rtl_sdr does not have correct rpath set on OSX build   |          | 01/12/2024 09:57 PM |                  |
| 6328 | OsmoBSC                         | Bug     | New      | Normal   | Channel Mode Modify fails to modify the RTP payload type number  |          | 01/12/2024 06:24 AM | Related to #6328 |
| 6323 | OP25                            | Bug     | New      | Normal   | Install script is broken on Ubuntu 23.10   |          | 01/05/2024 07:54 PM |                  |
| 6322 | pySim                           | Bug     | New      | Low      | ATR type annotation  |          | 01/03/2024 09:55 PM |                  |
| 6321 | OsmoMSC                         | Bug     | New      | Low      | SMS not delivered from corrupted SMS database  |          | 01/02/2024 01:07 PM |                  |
| 6314 | pySim                           | Bug     | New      | Low      | pySim-trace doesn't support ARA-M  |          | 12/23/2023 09:36 AM |                  |

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|------|---------------------------------------|---------|----------|----------|---|----------|---------------------|--|
| 6312 | OsmoHLR                               | Bug     | New      | Normal   | Querying HLR for MSISDN-to-IMSI mapping is too cumbersome and inefficient   |          | 12/21/2023 06:52 AM | Related to #6312                               |
| 6297 | OsmoMGW                               | Bug     | New      | Normal   | octet-align=0 is the RFC 6871 specified default to use when omitted; but osmo-mgw assumes don't-care when omitted                       |          | 12/12/2023 02:12 AM | Is duplicate of #5726                          |
| 6293 | OsmoMGW                               | Bug     | New      | Normal   | osmo-mgw "decides" for a codec during MGCP handling; instead it should handle all configured payload type numbers as they arrive in RTP |          | 12/07/2023 05:52 AM | Related to #6293,Related to #6293,Blocks #6136 |
| 6283 | OsmoHNBGW                             | Bug     | New      | Normal   | cnpool: hnbgw fails to extract Mobile Identity from some GMM Attach Request messages  |          | 12/04/2023 01:48 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                               |
| 6255 | OsmoDia2GSUP                          | Bug     | New      | Normal   | Implement 3GPP Purge UE Request   |          | 11/10/2023 01:29 PM |  |
| 6201 | OsmocomBB                             | Bug     | New      | Normal   | modem: signal proper MS Radio Access Capability   |          | 10/04/2023 12:34 PM | Related to #6201                               |
| 6176 | OsmoSGSN                              | Bug     | New      | Low      | build failure (dependency / concurrency issue)  |          | 09/13/2023 03:14 PM |  |
| 6129 | Miscellaneous Projects                | Bug     | New      | Normal   | Discourse: Setting a custom avatar via upload fails   |          | 08/02/2023 06:07 PM |  |
| 6126 | OsmoGSMTester                         | Bug     | New      | Normal   | osmo-gsm-tester docker container uses debian 10   |          | 08/01/2023 09:49 AM | Related to #6126                               |
| 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              |
| 6032 | rtl-sdr                               | Bug     | New      | Normal   | Poor APRS demodulation using RTL_FM on RaspberryPI or on old PC   |          | 05/15/2023 12:14 PM |  |
| 6029 | Core testing infrastructure           | Bug     | New      | Normal   | Single TTCN3 BSC handover test fails  |          | 10/18/2023 05:31 PM |  |
| 6009 | OsmoMSC                               | Bug     | New      | Normal   | omo-msc: lots of tlv_parse() calls in src/libmsc/gsm_04_08.c have no return code checked for errors                                     |          | 04/19/2023 03:19 PM |  |
| 6007 | OsmoBSC                               | Bug     | New      | Normal   | network -> bts -> gprs nsvc will always create a nsvc node  |          | 04/17/2023 04:08 PM |  |
| 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 |  |
| 5985 | Cellular Network Infrastructure       | Bug     | New      | Normal   | tests: not all Osmocom projects have @osmoappdesc.py@   |          | 03/29/2023 08:09 PM |  |
| 5895 | OsmoBTS                               | Bug     | New      | Low      | LC15: Audio Quality Problem sometime after cf7a7fceb625a14fd764355c3b96fa86c77458c  |          | 03/20/2023 11:37 PM |  |
| 5869 | OsmoHNBGW                             | Bug     | New      | Normal   | osmo-hnbgw ignores HNBAP HNB De-Register  |          | 01/21/2023 01:52 AM |  |
| 5864 | libosmocore                           | Bug     | New      | Normal   | Libosmocore: Fix order of config parsing output   |          | 02/04/2023 05:21 PM |  |
| 5858 | Core testing infrastructure           | Bug     | Feedback | Normal   | osmo-python-tests: Ignore, at least clean up 'tmp_dummy_sock'   |          | 02/22/2023 06:25 PM | Related to #5858                               |
| 5852 | OsmoSGSN                              | Bug     | New      | Normal   | osmo-sgsn: Keep TLLI->NSEI+BVCI relation knowledge in BSSGP layer   |          | 01/11/2023 03:08 PM |  |

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| 5851 | OsmoSGSN                              | Bug     | New     | Normal    | check if rate ctr GMM_CTR_PKTS_UDATA_IN is correct increased in sgsn_gtp_data_req() func  |          | 01/10/2023 06:40 PM |  |
| 5844 | OsmoPCU                               | Bug     | New     | Normal    | pcu: ns: ip-sns: 2 local binds with a single remote is invalid  |          | 12/22/2022 09:59 PM |  |
| 5843 | OsmoBSC                               | Bug     | New     | Normal    | BTS features aren't reset after oml drop  |          | 12/22/2022 09:27 PM |  |
| 5842 | OsmoBSC                               | Bug     | New     | Normal    | ipa: investigate NSVC local and remote port configuration difference with wireshark dissector   |          | 12/22/2022 07:18 PM |  |
| 5837 | OsmoHNBGW                             | Bug     | New     | Normal    | osmo-juh: UE-REGISTER-REQ with uE_Identity type IMEI not implemented.   |          | 12/20/2022 03:43 PM |  |
| 5822 | OsmocomBB                             | Bug     | New     | Normal    | SE K2x0i: missing RF and AFC params   |          | 12/15/2022 11:36 PM |  |
| 5819 | Cellular Network Infrastructure       | Bug     | New     | Low       | Gerrit/gitiles: Parent links don't work   |          | 12/08/2022 01:28 PM |  |
| 5773 | OsmoGGSN (former OpenGGSN)            | Bug     | New     | Normal    | OsmoGGSN sends Direct Tunnel packets to the wrong IP address  |          | 11/17/2022 04:17 AM |  |
| 5764 | Cellular Network Infrastructure       | Bug     | New     | Normal    | GCC does not check format strings in LOGPFSM macros   |          | 11/11/2022 06:30 AM |  |
| 5756 | libosmo-abis                          | Bug     | New     | Normal    | io_uring support in libosmo-abis  |          | 03/20/2024 03:58 PM | Related to #5756,Related to #6357,Blocks #5896 |
| 5750 | Cellular Network Infrastructure       | Bug     | New     | Normal    | contrib/jenkins.sh: build with -Wunused-macros and -Wundef  |          | 11/08/2022 08:07 PM |  |
| 5738 | Misc Hardware Projects                | Bug     | New     | Normal    | Sim 800L module Connectivity  |          | 11/02/2022 06:55 PM |  |
| 5735 | osmo-e1d                              | Bug     | New     | Normal    | ctl client disconnect doesn't re-set timeslot state   |          | 05/23/2023 06:19 AM |  |
| 5731 | gr-osmosdr                            | Bug     | New     | High      | Install gr-osmosdr on Ubuntu 20.04  |          | 10/27/2022 01:39 PM |  |
| 5726 | OsmoMGW                               | Bug     | New     | Normal    | AMR octet-align in SDP: lack of 'octet-align' fmp should imply octet-align=0, and the presence or absence of this fmp should not have an effect |          | 12/12/2023 01:51 AM | Is duplicate of #5726                          |
| 5699 | OsmoMSC                               | Bug     | New     | Normal    | MNCC RTP_CREATE is not sent in a call waiting scenario  |          | 10/10/2022 06:46 PM |  |
| 5693 | OCTOI - Osmocom Community TDM over IP | Bug     | Stalled | Normal    | no progress tones in yate   |          | 12/03/2023 11:10 AM |  |
| 5683 | Osmocom Libraries                     | Bug     | New     | Immediate | How to install osmocom in China   |          | 09/18/2022 10:18 AM |  |
| 5672 | Misc Hardware Projects                | Bug     | New     | Normal    | sfp-experimenter / voltage swing of LVDS driver insufficient for SFP spec   |          | 09/02/2022 03:27 PM |  |
| 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              |
| 5644 | Osmocom Libraries                     | Bug     | New     | Normal    | Check library pkg-config files for proper dependencies  |          | 08/10/2022 01:02 PM | Related to #5644                               |
| 5628 | osmo-remsim                           | Bug     | New     | Low       | client-st2: error mesasges when mapping is removed  |          | 07/24/2022 07:14 AM |  |
| 5585 | OsmoCBC                               | Bug     | New     | Low       | CBC should not send WRITE-REPLACE to cells that had sent FAILURE  |          | 08/05/2022 04:58 PM |  |

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| 5576 | OsmoBTS                               | Bug     | New    | Normal   | osmo-bts not moving NM state "Enabled -> DisabledDependency" when Admin state becomes Locked      |          | 06/02/2022 10:38 AM |                                   |
| 5573 | OsmoHNBGW                             | Bug     | New    | Normal   | osmo-hnbgw: RANAP LocationReportingControl not implemented  |          | 05/30/2022 02:05 PM |                                   |
| 5561 | libosmo-sccp + libosmo-sigtran        | Bug     | New    | Low      | pc=0=0.0.0 / RCOC-ERROR.ind not permitted   |          | 05/23/2023 06:20 AM |                                   |
| 5544 | OCTOI - Osmocom Community TDM over IP | Bug     | New    | Normal   | Strange HDLC frames in PPP when using mISDN/pppd/capiplugin against Portmaster3                   |          | 04/23/2022 01:50 PM |                                   |
| 5521 | osmo-e1d                              | Bug     | New    | Low      | don't attempt OCTOI connection of no TDM data from driver (icE1usb)                               |          | 04/10/2022 05:28 PM |                                   |
| 5515 | OsmoBSC                               | Bug     | New    | Normal   | BSC_Tests: re-establishment: RA during CHAN RQD should reflect re-establishment                   |          | 04/06/2022 08:02 PM |                                   |
| 5512 | Retronetworking                       | Bug     | New    | Low      | Idea: L1OIP driver for DAHDI  |          | 04/03/2022 11:46 AM |                                   |
| 5509 | OsmoSGSN                              | Bug     | New    | Normal   | llc/pdu lifetime: add vty config option to define default lifetime                                |          | 03/31/2022 04:11 PM |                                   |
| 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 |                                   |
| 5474 | OsmoBTS                               | Bug     | New    | Normal   | osmo-bts-trx: DTXd support not implemented  |          | 03/02/2022 05:06 PM | Related to #5474,Related to #5474 |
| 5462 | osmo-sip-connector                    | Bug     | New    | Normal   | Contact Header Missing - Way Forward?   |          | 02/21/2022 05:51 AM |                                   |
| 5460 | gr-osmosdr                            | Bug     | New    | Normal   | Please use double for ppm with fcdp/pp  |          | 02/17/2022 10:43 PM |                                   |
| 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 |                                   |
| 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 |                                   |
| 5445 | gr-osmosdr                            | Bug     | New    | Normal   | Please switch to the gr-funcube   |          | 02/15/2022 11:56 PM |                                   |
| 5433 | OCTOI - Osmocom Community TDM over IP | Bug     | New    | Normal   | forwarding of TS0 / Alarms  |          | 01/30/2022 11:02 AM |                                   |
| 5425 | gr-osmosdr                            | Bug     | New    | High     | Problem receiving samples using dual receivers with BladeRF                                       |          | 01/29/2022 04:22 AM |                                   |
| 5423 | SIMtrace 2                            | Bug     | New    | Low      | "trace" firmware continuous test setup  |          | 01/27/2022 12:24 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 |                                   |
| 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 |                                   |
| 5380 | osmo-ccid-firmware                    | Bug     | New    | Normal   | Incorrect answer to PC_to_RDR_SetParameters CCID command  |          | 01/16/2022 08:55 PM |                                   |

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| 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 |
| 5357 | OsmoGGSN (former OpenGGSN)  | Bug     | New         | Normal   | no more than PDP_MAX == 1024 PDP contexts possible in libgtp   |          | 12/14/2021 01:20 PM | Related to #5469                  |
| 5356 | libosmo-abis                | Bug     | New         | Normal   | libosmo-abis: osmo_rtp_socket_connect() not calling connect() on sockets                                   |          | 12/13/2021 12:50 PM |                                   |
| 5352 | gr-osmosdr                  | Bug     | New         | Normal   | ImportError: generic_type: type "sink" referenced unknown base type "gr::hier_block2"                      |          | 12/11/2021 08:19 AM |                                   |
| 5349 | OsmoSGSN                    | Bug     | In Progress | High     | Message for non-existing SNDPCP Entity   |          | 07/17/2023 04:42 PM |                                   |
| 5338 | OsmoBTS                     | Bug     | New         | Normal   | LMSDevice.cpp:261 Power parameters requested before Tx Frequency was set! Providing band 900 by default... |          | 12/09/2021 11:42 PM |                                   |
| 5313 | OsmoMGW                     | Bug     | New         | Normal   | libosmo-mgcp-client-dbg specific package not generated for debian  |          | 11/16/2021 03:57 PM |                                   |
| 5310 | osmo-ccid-firmware          | Bug     | New         | Normal   | sysmoOCTSIM does not re-enumerate after unplug/replug the USB cable when PSU is connected                  |          | 11/15/2021 05:13 PM |                                   |
| 5305 | OsmocomBB                   | Bug     | New         | Normal   | Burst capture  |          | 11/10/2021 06:38 PM |                                   |
| 5304 | OsmoHNBGW                   | Bug     | New         | Low      | Verizon CDMA femtocell   |          | 03/09/2024 07:09 PM |                                   |
| 5300 | OsmoPCU                     | Bug     | New         | Normal   | osmo-pcu: SUSPEND-NACK not implemented   |          | 03/31/2022 02:59 PM |                                   |
| 5298 | gr-osmosdr                  | Bug     | New         | Normal   | object has no attribute 'pyqwidget' on arch linux  |          | 11/09/2021 01:25 AM |                                   |
| 5257 | OsmoBTS                     | Bug     | New         | High     | support random padding in SACCH downlink messages  |          | 10/12/2021 11:18 AM | Related to #5257                  |
| 5218 | gr-osmosdr                  | Bug     | New         | Normal   | compilation fails: "no matching function for call to fcd_source_c::connect"                                |          | 09/05/2021 10:58 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 |                                   |
| 5190 | OsmoBSC                     | Bug     | New         | Low      | segfault with osmo-e1d   |          | 09/15/2021 09:34 AM |                                   |
| 5154 | OsmoSGSN                    | Bug     | New         | Normal   | OsmoSGSN doesn't trigger 3G paging if downlink GTP traffic arrives after long break                        |          | 05/13/2021 12:28 PM | Related to #5154                  |
| 5120 | rtl-sdr                     | Bug     | New         | Normal   | rtlsdr_demod_write_reg failed with -9  |          | 04/18/2021 08:55 PM |                                   |
| 5117 | OsmoSDR                     | Bug     | New         | Normal   | Error building gr-osmosdr with libhackrf   |          | 04/15/2021 07:56 AM |                                   |
| 5050 | OsmoTRX                     | Bug     | New         | Normal   | How can I solve limesdr mini clock problem with osmocom ?  |          | 02/27/2021 01:55 PM |                                   |
| 5035 | libosmocore                 | Bug     | New         | Low      | ns2: add a vty to drop a sns connection  |          | 03/29/2021 09:16 PM |                                   |
| 5031 | OsmoSDR                     | Bug     | New         | Normal   | Please switch to gr-funcube  |          | 06/17/2021 09:23 AM |                                   |
| 5029 | libosmocore                 | Bug     | New         | Normal   | vty: optional cases with multiple arguments is undefined behaviour   |          | 02/18/2021 05:44 PM |                                   |
| 5015 | libosmocore                 | Bug     | New         | Low      | ns2: add consistency check for ns configuration as callback  |          | 03/29/2021 09:17 PM |                                   |
| 5011 | Core testing infrastructure | Bug     | New         | Normal   | Warning about unrecognized escape sequence in Osmocom_CTRL_Types   |          | 02/05/2021 11:21 AM |                                   |
| 5008 | gr-osmosdr                  | Bug     | New         | Normal   | Quoted whitespace parsing problem in source_impl::source_impl  |          | 02/04/2021 02:16 AM |                                   |

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| 4985 | OsmoBTS                        | Bug     | New     | Normal   | AMR RTP CMR of downlink frames not used to influence CMC   |          | 01/28/2021 01:35 PM |                  |
| 4972 | OsmoMSC                        | Bug     | New     | Normal   | manual: the MNCC protocol is outdated (RTP)  |          | 01/24/2021 05:58 PM |                  |
| 4966 | OsmoPCU                        | Bug     | New     | Normal   | osmo-pcu: gprs+egprs multiplex: Allow selecting original 8-PSK dl block during retransmission for GMSK-required DL block |          | 01/26/2021 01:07 PM | Related to #4966 |
| 4950 | gr-osmosdr                     | Bug     | New     | Normal   | gr-osmosdr doesn't find iqbalance during build   |          | 02/22/2021 02:46 AM |                  |
| 4933 | OsmoHNBGW                      | Bug     | New     | Low      | Femtocell choice in U.K 2021/01  |          | 03/09/2024 07:09 PM |                  |
| 4930 | OsmoBSC                        | Bug     | New     | Normal   | bsc: cbc: vty: "no remote-ip" in cbc > client  |          | 12/31/2020 10:42 PM |                  |
| 4926 | OsmoHNBGW                      | Bug     | New     | Normal   | nano3G disconnect / reconnect cycle with SCTP multi-homing   |          | 01/04/2021 11:38 AM | Related to #4926 |
| 4925 | libosmo-sccp + libosmo-sigtran | Bug     | New     | Normal   | SCTP multihoming / ABORT between osmo-msc and osmo-stp   |          | 01/04/2021 11:32 AM | Related to #4926 |
| 4908 | libosmocore                    | Bug     | New     | Normal   | Errors compiling with -std=c++14   |          | 03/01/2021 03:38 PM |                  |
| 4886 | OsmoSGSN                       | Bug     | New     | Normal   | UE does not connect data when moving from 2G->3G   |          | 12/04/2020 01:29 AM |                  |
| 4885 | libosmocore                    | Bug     | New     | Normal   | configure doesn't check for python3  |          | 12/02/2020 03:36 AM |                  |
| 4884 | OsmoBSC                        | Bug     | New     | Normal   | RLL_REL_IND is recieved after RF_CHAN_REL  |          | 12/02/2020 11:51 AM |                  |
| 4869 | OsmoPCU                        | Bug     | New     | Normal   | wireshark: Support dissecting LLC frames on top of RLCMAC (E)GPRS data blocks  |          | 06/26/2023 11:03 AM | Related to #5367 |
| 4863 | OsmoMSC                        | Bug     | New     | Low      | T3212 is unclear in config/vty   |          | 11/19/2020 06:10 PM |                  |
| 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 |                  |
| 4847 | OsmoPCU                        | Bug     | New     | Normal   | fix LLC-DISCARD behaviour  |          | 11/04/2020 02:37 AM | Related to #4847 |
| 4827 | OsmoBTS                        | Bug     | New     | Normal   | OsmoBTS VTY is lacking various vital information   |          | 10/23/2020 07:14 PM |                  |
| 4825 | OsmoSGSN                       | Bug     | New     | Normal   | security command is missing sometimes  |          | 10/22/2020 02:40 AM |                  |
| 4822 | osmo-ccid-firmware             | Bug     | Stalled | Low      | sysmoOCTSIM with osmo-ccid-firmware sometimes fails to enumerate on USB  |          | 11/05/2021 05:19 PM |                  |
| 4783 | libosmocore                    | Bug     | New     | Low      | doxygen: duplicate 'ports.h' warning   |          | 10/07/2020 01:29 PM |                  |
| 4767 | OsmoBSC                        | Bug     | New     | Normal   | pcu interface: add suspend request support   |          | 09/29/2020 04:40 PM |                  |
| 4766 | OsmoBSC                        | Bug     | New     | Normal   | pcu interface: add app info request  |          | 09/26/2020 10:21 PM |                  |
| 4764 | OsmoMSC                        | Bug     | New     | Normal   | make sure Assignment times out, always   |          | 09/23/2020 02:08 PM |                  |
| 4749 | OsmoGGSN (former OpenGGSN)     | Bug     | New     | Normal   | Unknown/Unimplemented PCO Protocol   |          | 02/09/2022 01:26 PM |                  |
| 4746 | libosmocore                    | Bug     | New     | Normal   | gb: NS2: implement a NSE based logfilter   |          | 11/14/2020 08:42 AM |                  |
| 4745 | OsmoMGW                        | Bug     | New     | Low      | osmo-mgw: Wrong IP address returned in SDP "o=" section  |          | 10/05/2022 11:00 AM |                  |
| 4720 | rtl-sdr                        | Bug     | New     | Normal   | rtl_power reports invalid values   |          | 08/19/2020 02:47 PM |                  |
| 4705 | Distributed GSM                | Bug     | New     | Normal   | osmo-hlr user manual: explain the mslookup domain suffix "mdns.osmocom.org", it has no mention in the user manual        |          | 08/13/2020 12:54 AM |                  |

| #    | Project                        | Tracker | Status      | Priority | Subject  | Assignee | Updated             | Related issues   |
|------|--------------------------------|---------|-------------|----------|--|----------|---------------------|------------------|
| 4691 | OsmoMSC                        | Bug     | New         | Low      | setfault in osmo_sockaddr_str_is_set() via call_leg_ensure_ci()                                    |          | 02/06/2021 09:47 AM |                  |
| 4685 | SDR (Software Defined Radio)   | Bug     | New         | Normal   | Can't compile libusrp  |          | 08/04/2020 08:52 AM |                  |
| 4677 | SDR (Software Defined Radio)   | Bug     | New         | Normal   | fopher crash on OSX with Qt  |          | 07/27/2020 03:27 AM |                  |
| 4660 | OsmoMSC                        | Bug     | New         | Normal   | GSM AUTH failure: mismatching sres - with module TRM-5 ext   |          | 07/12/2020 08:01 PM |                  |
| 4653 | SDR (Software Defined Radio)   | Bug     | New         | Normal   | cannot import name 'fosphor'   |          | 07/07/2020 02:39 AM |                  |
| 4647 | OsmoBSC                        | Bug     | New         | Low      | Getting attributes from BTS0 type nokia_site is not supported.                                     |          | 07/04/2020 09:05 AM |                  |
| 4642 | OsmoNITB                       | Bug     | New         | Low      | Attempting to set illegal id for FSM instance of type 'OM2000-MO'                                  |          | 07/03/2020 06:40 PM |                  |
| 4637 | OsmoTRX                        | Bug     | New         | Normal   | limesdr usb gain setting changes break gsm phasenoise constraints                                  |          | 06/29/2020 04:43 PM |                  |
| 4631 | OsmoSGSN                       | Bug     | New         | Low      | packet/byte counters don't work for 3G   |          | 06/24/2020 06:58 AM |                  |
| 4630 | OsmoBTS                        | Bug     | New         | Low      | osmo-bts: GSMTAP DL (tx) messages use hardcoded signal level 0                                     |          | 10/05/2022 09:11 AM |                  |
| 4599 | OsmoSGSN                       | Bug     | New         | Normal   | counter group sgsn:pdpctx already exists for index X, instead using Y                              |          | 09/09/2020 10:05 AM | Related to #4604 |
| 4589 | OsmoBSC                        | Bug     | New         | Normal   | osmo-bsc crashes with "lchan allocation failed in state WAIT_RF_RELEASE_ACK: Timeout"              |          | 06/06/2020 10:40 PM |                  |
| 4579 | OsmoBTS                        | Bug     | New         | Normal   | add IPv6 support   |          | 02/12/2021 12:26 PM |                  |
| 4557 | OsmoMSC                        | Bug     | New         | Normal   | normal BSSMAP Clear Command from MSC contains cause == 0 meaning "Radio interface message failure" |          | 05/20/2020 07:17 PM |                  |
| 4554 | OsmoMGW                        | Bug     | New         | Normal   | Clean up stale endpoints after OsmoBSC crash   |          | 05/16/2020 08:52 PM |                  |
| 4553 | OsmoBSC                        | Bug     | New         | Normal   | OsmoBSC doesn't handle RESET IP RESOURCE BSSMAP message  |          | 05/16/2020 07:44 PM |                  |
| 4552 | OsmoMGW                        | Bug     | New         | Normal   | ip-probing issue with BTS connection - no rebinding to a correct IP address                        |          | 05/14/2020 11:18 PM |                  |
| 4538 | OsmoBSC                        | Bug     | New         | Normal   | timeslot_fsm.c: make the PDCH act/deact timeout configurable                                       |          | 05/09/2020 08:20 PM | Related to #4539 |
| 4513 | rtl-sdr                        | Bug     | New         | Normal   | PKG information broken   |          | 04/26/2020 03:21 PM |                  |
| 4491 | OsmoHLR                        | Bug     | New         | Low      | Cancel in old VLR/SGSN, if new VLR/SGSN differs from old   |          | 04/15/2020 12:29 PM |                  |
| 4484 | gr-osmosdr                     | Bug     | New         | Normal   | CMakeFiles.txt   |          | 04/06/2020 05:19 PM |                  |
| 4480 | IMSI Pseudonymization          | Bug     | New         | Normal   | Applet/OsmoMSC: fix or workaround for OsmoMSC only paging attached MS                              |          | 04/16/2020 08:45 AM | Related to #4480 |
| 4474 | OsmoBTS                        | Bug     | In Progress | Low      | l1fwd (-remote) tried to read eeprom locally   |          | 11/04/2021 06:35 PM |                  |
| 4457 | libosmo-sccp + libosmo-sigtran | Bug     | New         | Normal   | editing the SCCP address book (global-title) on a running instance may crash the application       |          | 03/17/2020 11:17 PM |                  |
| 4452 | OsmoPCU                        | Bug     | Stalled     | Normal   | manual testing of osmo-pcu   |          | 07/28/2023 02:48 PM |                  |
| 4451 | OsmoMSC                        | Bug     | New         | Normal   | vty 'show stats level': different stats levels yield identical results                             |          | 03/09/2020 10:10 PM |                  |

| #    | Project                         | Tracker | Status      | Priority | Subject   | Assignee | Updated             | Related issues                    |
|------|---------------------------------|---------|-------------|----------|---|----------|---------------------|-----------------------------------|
| 4443 | libosmocore                     | Bug     | New         | Normal   | CTRL interface blocks wildcard in rate_ctr  |          | 03/08/2020 01:06 PM | Related to #4443,Related to #4443 |
| 4432 | OsmoMGW                         | Bug     | New         | Normal   | for 'domain *', mgw should echo the domain of the MGCP client                                       |          | 03/04/2020 12:39 AM |                                   |
| 4427 | rtl-sdr                         | Bug     | New         | Normal   | docker + rtl_sdr issue  |          | 02/29/2020 01:16 PM |                                   |
| 4417 | IMSI Pseudonymization           | Bug     | New         | Normal   | Applet: LU counter should only increase on successful location update                               |          | 04/16/2020 08:45 AM | Related to #4478                  |
| 4359 | gr-osmosdr                      | Bug     | New         | Normal   | Compiling from Git Bramcj gr3.8 fails   |          | 01/12/2020 05:08 PM |                                   |
| 4352 | osmo-sip-connector              | Bug     | New         | Normal   | Need to handle 401 Unauthorized   |          | 01/09/2020 02:03 PM |                                   |
| 4337 | OsmoMSC                         | Bug     | New         | Normal   | osmo-msc: Don't send LU-Reject after LU-Accept if no TMSI Realloc Complete is received              |          | 01/07/2021 06:22 PM | Related to #4337                  |
| 4325 | gr-osmosdr                      | Bug     | New         | Normal   | can't open hackrf_sink with device index  |          | 12/13/2019 09:18 AM |                                   |
| 4317 | osmo-pcap                       | Bug     | New         | Low      | external tests not enabled in jenkins.sh  |          | 12/10/2019 02:42 PM |                                   |
| 4312 | OsmoHLR                         | Bug     | New         | High     | GSUP keepalives / connection loss detection   |          | 10/12/2020 02:42 PM |                                   |
| 4310 | osmo-sip-connector              | Bug     | New         | Normal   | sends BYE to self   |          | 01/09/2020 09:21 AM |                                   |
| 4304 | libosmocore                     | Bug     | New         | Low      | missing unit tests for many gsm48_{encode,decode} functions   |          | 12/04/2019 01:50 PM |                                   |
| 4303 | OsmoHLR                         | Bug     | New         | Low      | various minor issues about evaluation of rc = db_subscr_get_by_*( )                                 |          | 12/03/2019 11:02 PM |                                   |
| 4274 | OsmoSTP                         | Bug     | New         | Normal   | AS Name isn't displayed   |          | 03/14/2024 10:33 AM |                                   |
| 4265 | libosmocore                     | Bug     | New         | Normal   | --enable-embedded doesn't work as expected  |          | 11/12/2019 11:18 AM |                                   |
| 4240 | OsmoMSC                         | Bug     | In Progress | Normal   | test: incoming call when already Paging   |          | 11/27/2019 11:09 PM |                                   |
| 4222 | OsmoSGSN                        | Bug     | New         | High     | Implement PS Paging for the Routing Areas   |          | 10/03/2020 02:20 PM | Related to #4222                  |
| 4174 | osmo-fl2k                       | Bug     | New         | Normal   | After the latest commits, the fl2k tools do not exit on first SIGINT                                |          | 08/25/2019 04:57 PM |                                   |
| 4172 | OsmoGGSN (former OpenGGSN)      | Bug     | New         | Normal   | osmoggsn crashes when stopping  |          | 08/29/2019 11:35 AM |                                   |
| 4158 | OsmoHNBGW                       | Bug     | New         | Normal   | segfault when paging, in a situation with duplicate CID in hnb register requests                    |          | 05/13/2021 12:01 PM | Related to #4162                  |
| 4153 | OsmoMGW                         | Bug     | New         | Normal   | 3G voice broken with ALu 9361 femto   |          | 04/25/2022 05:43 PM |                                   |
| 4151 | OsmoGSMTester                   | Bug     | Stalled     | Normal   | osmo-gsm-tester: osmo-trx-lms process sometimes kept forever in zombie-alike state after killing it |          | 09/30/2020 08:08 PM | Related to #4151                  |
| 4141 | Cellular Network Infrastructure | Bug     | New         | Normal   | No osmux specific code in place during codec negotiation  |          | 08/05/2019 03:57 PM |                                   |
| 4130 | OP25                            | Bug     | New         | Normal   | OP25 User Interface   |          | 07/26/2019 02:36 AM |                                   |
| 4108 | Cellular Network Infrastructure | Bug     | New         | Low      | osmo-ctrl2cgi, osmo-trap2cgi: missing default configs   |          | 07/16/2019 12:30 PM | Related to #4108                  |
| 4082 | OsmoBTS                         | Bug     | New         | Normal   | OML: Unknown/unhandled PCHAN type: 0 NONE   |          | 11/18/2019 10:09 AM |                                   |



| #    | Project       | Tracker | Status      | Priority | Subject   | Assignee | Updated             | Related issues                                     |
|------|---------------|---------|-------------|----------|---|----------|---------------------|--|
| 4031 | OsmoBTS       | Bug     | New         | Normal   | OML part of BTS has no TTCN-3 tests   |          | 09/04/2019 09:04 AM | Related to #4031,Related to #4031                  |
| 4023 | OsmoBTS       | Bug     | Stalled     | Normal   | Missing coverage of PCU interface in osmo-bts                                 |          | 03/21/2023 01:07 PM | Related to #4023                                   |
| 4019 | OsmoPCU       | Bug     | New         | Normal   | implement a command to show all informations from the bts                     |          | 11/25/2020 07:33 PM |  |
| 4018 | OsmoPCU       | Bug     | New         | Normal   | investigate ordering of includes paths  |          | 05/23/2019 10:59 AM |  |
| 4017 | OsmoMSC       | Bug     | New         | Normal   | MSC fails to handle calls   |          | 05/29/2019 04:56 PM |  |
| 4009 | OsmoBTS       | Bug     | New         | Normal   | Channel Activation starts SACCH too early in Synchronous Handover             |          | 03/11/2022 12:44 PM | Related to #4009,Related to #4010,Related to #4009 |
| 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 |
| 3992 | OsmoMSC       | Bug     | New         | Normal   | inter-MSC handover for signalling-only?                                       |          | 05/09/2019 11:39 AM |  |
| 3983 | libosmocore   | Bug     | New         | Normal   | osmo_fsm_inst_change_parent() forgets to talloc reparent                      |          | 03/24/2021 12:35 PM |  |
| 3981 | OsmoTRX       | Bug     | New         | Normal   | osmo-trx-lms: Overruns appear from time to time                               |          | 09/30/2020 08:08 PM | Related to #3981                                   |
| 3980 | OsmoMGW       | Bug     | New         | Normal   | Clear Command before CRCX OK may leak MGW endpoint                            |          | 05/06/2019 10:11 PM |  |
| 3970 | OsmoTRX       | Bug     | New         | Low      | libusrp fails to compile 1/4 of times in jenkins with PARALLEL_MAKE set       |          | 01/08/2020 10:56 PM | Is duplicate of #3970                              |
| 3964 | OsmoSGSN      | Bug     | New         | Normal   | SIGSEGV in sndcp_sm_deactivate_ind()  |          | 10/10/2019 07:11 PM | Related to #3964,Related to #4221,Related to #4602 |
| 3949 | OsmoTRX       | Bug     | New         | Normal   | osmo-trx-lms: improve runtime gain setting (missing calibration)              |          | 09/30/2020 08:08 PM | Related to #4468                                   |
| 3940 | OsmoSGSN      | Bug     | New         | Normal   | TTCN-3: lu: test UMTS Auth  |          | 04/24/2019 08:24 AM |  |
| 3939 | OsmoSGSN      | Bug     | New         | Normal   | TTCN: do a GMM Attach Request when in GMM Connected and have a PDP Request    |          | 04/24/2019 08:25 AM |  |
| 3937 | OsmoSGSN      | Bug     | In Progress | Normal   | lu: verify handling of GMM Service Request (data)when no PDP Context present. |          | 05/21/2019 10:28 AM | Related to #3937                                   |
| 3936 | OsmoSGSN      | Bug     | New         | Normal   | lu: first GMM Service Request does not find a MM ctx                          |          | 05/07/2019 01:37 PM | Related to #3936                                   |
| 3923 | OsmoSGSN      | Bug     | New         | Normal   | lu: Respond to SecurityCommandReject messages                                 |          | 04/24/2019 08:26 AM | Related to #3923                                   |
| 3917 | OsmoGSMTester | Bug     | New         | Normal   | ofono: update debian packages to match our dependencies                       |          | 04/06/2020 11:30 AM |  |
| 3909 | libosmocore   | Bug     | New         | Normal   | osmo_get_rand_id() fails in containerised environment                         |          | 03/24/2021 12:34 PM | Related to #3909                                   |
| 3880 | OsmoMSC       | Bug     | New         | Normal   | GSUP MT-ForwardSM Message Reference - wrong value in a response               |          | 04/01/2019 07:47 AM |  |
| 3865 | OsmoBSC       | Bug     | New         | Normal   | nanoBTS: GPRS not working anymore, modems unable to attach in osmo-gsm-tester |          | 05/11/2023 01:00 PM | Is duplicate of #3865                              |

| #    | Project                         | Tracker | Status  | Priority | Subject  | Assignee | Updated             | Related issues  |
|------|---------------------------------|---------|---------|----------|--|----------|---------------------|---|
| 3849 | OsmoMGW                         | Bug     | New     | Normal   | race condition problem in rtp flow tests of the ttcn3 testsuite                            |          | 09/04/2019 09:26 AM |   |
| 3829 | OsmoMSC                         | Bug     | New     | Normal   | osmo-msc expects aoip TLV in Assignment Complete messages from BSC                         |          | 03/07/2019 08:30 PM |   |
| 3822 | OsmoMGW                         | Bug     | New     | Low      | conn mode "sendonly" behaves identically to "sendrecv"                                     |          | 03/04/2019 09:34 PM |   |
| 3820 | OsmoHNBGW                       | Bug     | New     | Normal   | osmo-hnbgw does not properly do RANAP RESET and RESET ACK on the link towards MSC and SGSN |          | 05/13/2021 12:01 PM | Related to #3944  |
| 3817 | SDR (Software Defined Radio)    | Bug     | New     | Normal   | Unable to use fospor display on Ubuntu 18.10   |          | 02/26/2019 06:56 PM |   |
| 3814 | OsmoBSC                         | Bug     | New     | Normal   | MS Power Control Problem with Osmo-BSC and nanoBTS   |          | 02/24/2019 01:15 AM |   |
| 3812 | libosmo-netif                   | Bug     | Stalled | Normal   | stream_test fails depending on where it is run   |          | 03/13/2019 04:15 PM |   |
| 3806 | OsmoBSC                         | Bug     | Stalled | Normal   | OsmoBSC accepts BSSAP with wrong length field  |          | 08/28/2020 08:15 PM | Related to #3806  |
| 3797 | rtl-sdr                         | Bug     | New     | Normal   | Exits with "Bus error"   |          | 02/12/2019 02:28 PM |   |
| 3796 | OsmoBTS                         | Bug     | New     | Low      | OsmoBTS doesn't send proper cause values in NACK   |          | 07/18/2019 06:04 AM | Related to #3796  |
| 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 |   |
| 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 |
| 3776 | OP25                            | Bug     | New     | Normal   | Build fail using gcc version 7.3.0 Ubuntu 18.04.1 LTS                                      |          | 07/05/2019 07:12 PM |   |
| 3775 | OsmoTRX                         | Bug     | Stalled | Normal   | properly debug limesdr usb and limesdr mini clocking requirements and osmo-trx support     |          | 09/30/2020 08:09 PM | Blocks #3341,Blocks #3342,Blocks #3775                              |
| 3763 | osmo-sip-connector              | Bug     | New     | Normal   | Implement correct handling for call answered elsewhere                                     |          | 01/22/2019 01:03 PM |   |
| 3741 | osmo-sip-connector              | Bug     | New     | Normal   | Unknow call parameters shown in vty  |          | 12/28/2018 02:01 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 |   |
| 3734 | gr-osmosdr                      | Bug     | New     | High     | Cannot compile gr-osmocom  |          | 12/16/2018 12:22 AM |   |
| 3731 | OsmoMGW                         | Bug     | New     | Normal   | TTCN3 TC_rtpem_selftest randomly fails   |          | 01/08/2020 10:18 PM |   |
| 3724 | osmo-sip-connector              | Bug     | New     | Normal   | Wrong media format used in SIP INVITE causes one-way audio                                 |          | 12/11/2018 02:57 PM | Related to #3724,Related to #5177                                   |
| 3696 | OsmoSGSN                        | Bug     | New     | Normal   | Intermittent Connection Drop   |          | 01/08/2020 10:48 PM |   |
| 3694 | Cellular Network Infrastructure | Bug     | New     | Low      | Fix lintian warnings in .deb packages  |          | 07/18/2019 05:20 AM | Related to #3699  |

| #    | Project           | Tracker | Status      | Priority | Subject  | Assignee | Updated             | Related issues                                 |
|------|-------------------|---------|-------------|----------|--|----------|---------------------|--|
| 3693 | libosmocore       | 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 |  |
| 3689 | OsmoSGSN          | Bug     | New         | Normal   | Support Cisco GGSN (Cisco 7200 with IOS 12.4.x)  |          | 04/09/2019 11:21 AM |  |
| 3676 | OsmoGSMTester     | Bug     | New         | Normal   | ofono: org.ofono.ConnectionManager property Bearer returning "none"                              |          | 06/09/2020 08:39 PM |  |
| 3663 | gr-osmosdr        | Bug     | New         | Normal   | Can't compile gr-osmosdr on macOS Mojave   |          | 10/19/2018 02:37 PM |  |
| 3653 | OsmocomBB         | Bug     | New         | Normal   | FACCH/H sometimes not received by BTS with osmocomBB+motorolaCXX                                 |          | 10/22/2018 02:37 PM | Related to #5518                               |
| 3652 | OsmocomBB         | Bug     | New         | Normal   | Incorrect IMEISV setting in mobile application   |          | 10/12/2018 08:20 PM |  |
| 3642 | OsmoBSC           | Bug     | New         | Low      | logging filter imsi leaks bsc_subscr references  |          | 10/09/2018 10:04 PM |  |
| 3629 | OsmocomBB         | Bug     | New         | Normal   | mobile aborting after 'test re-selection 1' on vty   |          | 10/04/2018 02:58 PM |  |
| 3591 | rtl-sdr           | Bug     | New         | Normal   | No Way To Detect Occasional Failed Bulk Transfers  |          | 09/25/2018 01:29 PM |  |
| 3590 | rtl-sdr           | Bug     | New         | Normal   | Key Functions Missing Documentation  |          | 09/25/2018 01:04 PM |  |
| 3589 | rtl-sdr           | Bug     | New         | Normal   | Zerocopy Buffers Unusable Outside Callback Without memcpy()                                      |          | 09/25/2018 12:58 PM |  |
| 3588 | rtl-sdr           | Bug     | New         | Normal   | Error Values Inconsistent  |          | 09/25/2018 12:47 PM |  |
| 3531 | OP25              | Bug     | New         | Normal   | Unknown status of the p25 wireshark plugin   |          | 10/06/2022 05:52 AM |  |
| 3459 | OsmocomBB SDR PHY | Bug     | Stalled     | Normal   | apps/grgsm_trx: AssertionError: packe t_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                               |
| 3443 | OsmoMGW           | Bug     | New         | Low      | Check audio-payload options in osmo-mgw VTY  |          | 03/15/2020 08:43 AM |  |
| 3442 | OsmoMGW           | Bug     | New         | Normal   | fix int mgcp_codec_decide() in mgcp_codec.c  |          | 09/04/2019 09:26 AM |  |
| 3425 | OsmocomBB SDR PHY | Bug     | Stalled     | Normal   | Receiver: missing AGC (Automatic Gain Control)   |          | 07/09/2023 07:44 PM |  |
| 3422 | OsmocomBB SDR PHY | Bug     | Stalled     | Normal   | Receiver: sample / burst buffering problem   |          | 07/09/2023 07:39 PM |  |
| 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 |  |
| 3341 | OsmoTRX           | Bug     | Stalled     | High     | osmo-trx-lms RF Envelope FAIL on LimeSDR, but not on LimeSDR-mini                                |          | 09/30/2020 08:08 PM | Related to #3341,Related to #3861,Blocks #3341 |
| 3284 | OsmoPCU           | Bug     | New         | Normal   | GPRS cell re-selection appears sticky in packet transfer / packet idle mode                      |          | 01/08/2020 10:45 PM | Related to #2400,Related to #3284              |
| 3243 | OsmoBSC           | Bug     | New         | Normal   | there is MGW config for each separate 'msc', but the MGW settings are stored only once globally  |          | 05/07/2018 03:10 PM |  |
| 3240 | gr-osmosdr        | Bug     | New         | Normal   | Expose airspy gain setting in gr-osmosdr block   |          | 06/03/2018 12:08 PM |  |
| 3224 | OsmoSGSN          | Bug     | New         | Normal   | verify ciphering after UMTS AKA  |          | 01/08/2020 10:48 PM | Related to #3193,Related to #3224              |

| #    | Project  | Tracker | Status  | Priority | Subject  | Assignee | Updated             | Related issues                    |
|------|--|---------|---------|----------|--|----------|---------------------|-----------------------------------|
| 3200 | Osmocom Conferences (OsmoDevCon, OsmoCon, OsmoDevCall) | Bug     | New     | Normal   | OsmoDevCon: Use loudspeakers even at IN-Berlin                                 |          | 05/07/2024 11:49 AM |                                   |
| 3169 | OsmoMSC  | Bug     | New     | Low      | OsmoMSC rejects SMPP messages with empty SMS                                   |          | 01/08/2020 10:56 PM |                                   |
| 3141 | OsmoTRX  | Bug     | New     | Normal   | Refactor / clean up TRX CTRL / DATA interfaces implementation                  |          | 04/05/2018 05:46 PM |                                   |
| 3126 | SDR (Software Defined Radio)                           | Bug     | New     | Low      | Windows 10 Pro 1709: crash of rtl_test.exe                                     |          | 03/30/2018 02:16 PM |                                   |
| 3058 | OsmoBTS  | Bug     | New     | Low      | RSL SACCH FILLING are per TRX, not BTS scope                                   |          | 03/11/2018 08:55 PM |                                   |
| 3046 | OsmoGSMTester  | Bug     | New     | Normal   | ofono: SierraW modem fails to power on   |          | 01/08/2020 10:41 PM |                                   |
| 3006 | libosmo-netif  | Bug     | New     | Low      | Osmux: improvements on lost/dropped RTP packets                                |          | 09/30/2018 08:34 AM |                                   |
| 3000 | OsmoBSC  | Bug     | New     | Normal   | OsmoBSC issues "RSL Connect" command too early -> race conditions              |          | 02/25/2018 12:32 PM | Related to #2470,Related to #4179 |
| 2995 | OsmocomBB  | Bug     | New     | Normal   | Wrong parsing of PAGING TYPE 3   |          | 02/24/2018 11:03 PM | Related to #2994                  |
| 2974 | OsmoBTS  | Bug     | New     | Low      | OsmoBTS doesn't use the "Diagnostics" part of the RSL Cause IE                 |          | 07/18/2019 05:48 AM |                                   |
| 2962 | OsmoSGSN   | Bug     | New     | Normal   | Missing TTCN-3 test cases  |          | 01/08/2020 10:47 PM |                                   |
| 2960 | OsmoSGSN   | Bug     | New     | Normal   | OsmoSGSN confirms PDP CTX ACT to MS/Gb despite missing conditional IEs on GTP  |          | 01/08/2020 10:48 PM |                                   |
| 2958 | OsmoSGSN   | Bug     | Stalled | Normal   | OsmoSGSN doesn't authenticate on second/further ATTACH REQUEST                 |          | 01/08/2020 10:49 PM | Related to #2958,Related to #4221 |
| 2957 | OsmoSGSN   | Bug     | New     | Normal   | No timeout during GSUP PURGE MS to HLR   |          | 01/08/2020 10:47 PM |                                   |
| 2953 | OsmoSGSN   | Bug     | New     | Normal   | No timeout waiting for UpdateLocation Response on GSUP                         |          | 01/08/2020 10:47 PM | Related to #2952                  |
| 2943 | OsmoMSC  | Bug     | New     | Normal   | Errors in MGCP do not propagate back to MNCC gsm_subscriber_conn state machine |          | 09/04/2019 09:21 AM |                                   |
| 2942 | OsmoBTS  | Bug     | New     | Low      | osmo-bts-virtual+virtphy+mobile paging for SMS delivery fails                  |          | 02/13/2018 05:05 PM |                                   |
| 2941 | OsmoGSMTester  | Bug     | New     | Normal   | ofono: SierraW sometimes crashing while deactivating a context.                |          | 01/08/2020 10:40 PM |                                   |
| 2933 | OsmoMSC  | Bug     | New     | Low      | change of trans->bearer_cap (e.g. via MNCC) will not trigger BSSMAP ASSIGNMENT |          | 02/12/2018 11:36 AM | Related to #2854                  |
| 2928 | OsmoMSC  | Bug     | New     | Normal   | OsmoMSC doesn't do BSSMAP ASSIGNMENT if no MNCC_RTP_CREATE is received         |          | 02/11/2018 05:38 PM |                                   |
| 2916 | OsmoMSC  | Bug     | New     | Normal   | asan failure on debian unstable in msc_vlr_test_gsm_ciph                       |          | 02/09/2018 04:20 PM |                                   |
| 2884 | OsmoMSC  | Bug     | New     | Low      | Call Control timers are very long and not configurable                         |          | 01/08/2020 10:56 PM |                                   |
| 2883 | OsmoMSC  | Bug     | New     | Normal   | GSUP encoding of MSISDN is wrong   |          | 10/20/2020 08:41 AM | Related to #4324,Related to #4333 |
| 2851 | OsmoMSC  | Bug     | Stalled | Normal   | a_iface.c:534 Unhandled SIGTRAN primitive: 3:2                                 |          | 07/18/2019 05:45 AM |                                   |

| #    | Project                         | Tracker | Status   | Priority | Subject  | Assignee | Updated             | Related issues                                       |
|------|---------------------------------|---------|----------|----------|--|----------|---------------------|--|
| 2839 | Cellular Network Infrastructure | Bug     | New      | Low      | statistics split between 2G and 3G   |          | 07/18/2019 05:22 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 |  |
| 2809 | Z-Netz                          | Bug     | New      | Normal   | Build ZConnect <-> UseNet gateway  |          | 01/01/2018 01:33 PM |  |
| 2808 | Z-Netz                          | Bug     | New      | Normal   | Create + Document VM/emulation setup for running ZERBERUS  |          | 01/01/2018 01:09 PM |  |
| 2805 | FidoNet                         | Bug     | New      | Low      | Create reproducible / semi-automatic way to create FidoNet node on Linux   |          | 07/18/2019 05:34 AM |  |
| 2803 | linmodem                        | Bug     | New      | Low      | return ERROR for unsupported AT commands   |          | 01/01/2018 12:19 PM |  |
| 2797 | linmodem                        | Bug     | New      | Normal   | X11 support is 16bit plane only  |          | 05/07/2022 11:34 PM |  |
| 2717 | libosmo-abis                    | Bug     | New      | Low      | libosmo-abis doesn't use ipa_ccm_make_id_resp()  |          | 12/06/2017 05:47 PM |  |
| 2713 | OsmoGSMTester                   | Bug     | New      | Normal   | ofono: chosen pdp type (v4, v6, dual) not strictly followed in ofono qmi   |          | 01/08/2020 10:40 PM | Related to #2713                                     |
| 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 |  |
| 2698 | OsmoMSC                         | Bug     | New      | Low      | Add more tests to jenkins job testing osmo-msc against NG40tester  |          | 01/08/2020 10:17 PM | Related to #2477                                     |
| 2694 | OsmocomBB                       | Bug     | New      | Normal   | SIGSEGV in lapdm code  |          | 11/30/2017 08:45 AM | Related to #2694                                     |
| 2691 | OsmoNITB                        | Bug     | Feedback | Normal   | Old TMSI paged after LU  |          | 05/17/2018 11:47 AM |  |
| 2690 | OsmocomBB                       | Bug     | New      | Normal   | ASAN issue on shutdown/no shutdown SYSINFO access  |          | 11/29/2017 09:33 AM |  |
| 2688 | libosmocore                     | Bug     | New      | Normal   | CTRL iface: make rate_ctr request parser more strict   |          | 03/24/2021 12:37 PM | Related to #4443                                     |
| 2650 | OsmoMGW                         | Bug     | New      | Normal   | how can osmo-mgw send a dummy RTP packet before CRCX ACK?  |          | 06/08/2020 07:08 PM | Related to #4005                                     |
| 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 |  |
| 2607 | rtl-sdr                         | Bug     | New      | Normal   | rtl-sdr gnuradio cfile is outdated   |          | 06/03/2018 12:23 PM |  |
| 2603 | OsmoPCU                         | Bug     | New      | Low      | Review the various incomplete and never merged changes in radisys branch   |          | 01/08/2020 10:44 PM | Related to #1775                                     |
| 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   |
| 2438 | OsmoNITB                        | Bug     | New      | Normal   | MS not registered from osmocom PoV, but registered from ofono PoV  |          | 08/14/2017 09:36 AM |  |
| 2437 | OsmoHNBGW                       | Bug     | New      | Low      | synchronize different asn1c APER forks   |          | 01/08/2020 10:56 PM | Related to #2435, Related to #2436, Related to #3862 |
| 2435 | OsmoHNBGW                       | Bug     | New      | Low      | Osmocom asn1c/libasn1c is based on old fork  |          | 12/21/2022 01:54 PM | Related to #2435, Related to #2435, Related to #3862 |
| 2431 | OsmoGSMTester                   | Bug     | New      | Normal   | osmo-gsm-tester: add test case: MS sends SMS to ESME   |          | 08/10/2017 03:47 PM |  |

| #    | Project  | Tracker | Status      | Priority | Subject  | Assignee | Updated             | Related issues                    |
|------|--|---------|-------------|----------|--|----------|---------------------|-----------------------------------|
| 2414 | OsmoNITB   | Bug     | New         | Normal   | SMSC: deliverSM message with no user_message_reference   |          | 08/15/2017 05:53 PM | Related to #2413,Related to #2414 |
| 2382 | OsmoBSC  | Bug     | New         | Normal   | T3105 not consistently communicated to all BTS models  |          | 03/05/2018 07:02 PM |                                   |
| 2373 | OsmoMSC  | Bug     | New         | Low      | SMS sent to old Nokia 1100: "message 0x332/1" causes CP-ERROR, and SMS is received 5 or more times |          | 08/03/2018 05:22 PM |                                   |
| 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                  |
| 2305 | OsmoSGSN   | Bug     | New         | Normal   | review 'laforge/santos' branch and check if there are pending fixes                                |          | 01/08/2020 10:56 PM |                                   |
| 2292 | Osmocom Conferences (OsmoDevCon, OsmoCon, OsmoDevCall) | Bug     | New         | Normal   | Time with community users during OsmoCon   |          | 05/25/2017 03:03 PM |                                   |
| 2245 | OsmoGSMTester  | Bug     | New         | Low      | osmo-bts cfg: fix band string  |          | 05/15/2017 12:58 PM | Related to #2230                  |
| 2238 | OsmoGSMTester  | Bug     | In Progress | Normal   | ofono: Gobi modem: cannot receive SMS  |          | 01/08/2020 10:42 PM | Related to #2238                  |
| 2236 | OsmoGSMTester  | Bug     | New         | Low      | ofono: Fix valgrind issues   |          | 01/08/2020 10:51 PM |                                   |
| 2216 | gr-osmosdr   | Bug     | New         | Normal   | uhd: LO offset doesn't seem to work properly   |          | 06/03/2018 12:08 PM |                                   |
| 2179 | Osmocom Conferences (OsmoDevCon, OsmoCon, OsmoDevCall) | Bug     | New         | Normal   | no sign about OsmoCon outside of venue   |          | 04/24/2017 07:10 PM |                                   |
| 2172 | OP25   | Bug     | New         | High     | HDU often missing in captures  |          | 04/22/2017 04:14 PM |                                   |
| 2170 | OP25   | Bug     | New         | High     | Implement forward error-correction code, remove IT++ dependency                                    |          | 04/22/2017 04:14 PM |                                   |
| 2169 | OP25   | Bug     | New         | High     | First-cut of trunking support  |          | 04/22/2017 04:15 PM |                                   |
| 2168 | OP25   | Bug     | New         | High     | Implement Forward error correction for LDU1/2  |          | 04/22/2017 04:15 PM |                                   |
| 2162 | OP25   | Bug     | New         | High     | Fix bit-ordering in output for VC55.   |          | 04/22/2017 04:15 PM |                                   |
| 1955 | OsmoNITB   | Bug     | New         | Normal   | Investigate "Bad signalling message" error   |          | 03/05/2018 07:33 PM |                                   |
| 1954 | OsmocomBB  | Bug     | In Progress | Normal   | Motorola C188 with Osmocombb firmwre(RAM version) can't scan out any base stations                 |          | 07/10/2017 10:24 PM |                                   |
| 1942 | OsmoSGSN   | Bug     | Feedback    | Normal   | Gb: implement paging in case of MM state == STANDBY && rx DL PDU                                   |          | 01/08/2020 10:48 PM | Related to #1942,Related to #4222 |
| 1925 | OsmoPCU  | Bug     | New         | High     | Fix padding for MCS8 transition  |          | 01/08/2020 10:31 PM |                                   |
| 1919 | pySim  | Bug     | New         | Low      | issue with grcardsim from Greencard (grcard.cn)  |          | 08/17/2017 06:45 AM |                                   |
| 1916 | OsmocomBB  | Bug     | New         | Normal   | building GNU ARM toolchain with gcc-4.8 fails on modern texinfo                                    |          | 10/16/2017 02:14 PM |                                   |
| 1907 | osmo-qcdiag  | Bug     | New         | Normal   | osmo-qcdiag detects CRC errors relatively often  |          | 01/23/2017 01:47 AM |                                   |
| 1904 | OsmoNITB   | Bug     | New         | Normal   | get rid of deprecated functions  |          | 03/05/2018 07:33 PM |                                   |

| #    | Project                               | Tracker | Status      | Priority | Subject  | Assignee | Updated             | Related issues   |
|------|---------------------------------------|---------|-------------|----------|--|----------|---------------------|--|
| 1899 | osmo-qcdiag                           | Bug     | New         | Normal   | osmo-qcdiag: DIAG based pcap tracing (DPL) not working                               |          | 01/11/2017 12:15 PM |  |
| 1898 | OsmoBTS                               | Bug     | Feedback    | Low      | Wrong handover detection with l1sap on wrong ss=0/ts=0                               |          | 11/07/2017 09:54 PM |  |
| 1897 | OsmocomTETRA                          | Bug     | New         | Low      | Inefficient sequence search in tetra_find_train_seq                                  |          | 04/10/2017 01:04 AM |  |
| 1881 | OsmoSGSN                              | Bug     | In Progress | Normal   | don't send PDP CTX DEACT ACK to MS when destroying PDP ctx indepent from MS requests |          | 01/08/2020 10:49 PM |  |
| 1838 | OsmoPCU                               | Bug     | Stalled     | Normal   | Nokia E52 doest reply to PUAN message properly                                       |          | 10/29/2017 06:47 PM |  |
| 1829 | OsmoNITB                              | Bug     | New         | Normal   | Fix warnings introduced by ctrl constify   |          | 03/05/2018 07:34 PM |  |
| 1818 | OsmoSGSN                              | Bug     | New         | Normal   | luPS: CN should lu Release in certain situations                                     |          | 01/08/2020 10:47 PM | Related to #1818,Related to #3302,Related to #3908                           |
| 1813 | Qualcomm Linux Modems by Quectel & Co | Bug     | New         | Normal   | cat /dev/snd/* causes kernel oops  |          | 09/30/2016 04:00 PM |  |
| 1794 | OsmoSGSN                              | Bug     | Stalled     | Normal   | support random IV for GEA (via XID)  |          | 03/01/2018 11:17 PM | Related to #1910,Related to #1672,Related to #2843,Blocks #1794,Blocks #1582 |
| 1768 | OsmoSGSN                              | Bug     | Stalled     | Low      | VTY show llc displays State TLLI Unassigned permanently                              |          | 01/08/2020 10:52 PM |  |
| 1766 | OsmoPCU                               | Bug     | In Progress | High     | KPIs for OsmoPCU: EGPRS  |          | 01/22/2020 02:06 PM | Related to #1766,Related to #1766  |
| 1759 | OsmoPCU                               | Bug     | Stalled     | High     | Wrong calculation of DL window size for DL assignment                                |          | 01/22/2020 04:01 PM | Related to #1533,Related to #1524  |
| 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   |
| 1725 | OsmoNITB                              | Bug     | Stalled     | Low      | iPhone6 network selection issue with GSM1900   |          | 03/05/2018 07:35 PM |  |
| 1678 | SDR (Software Defined Radio)          | Bug     | New         | Normal   | Use -undefined dynamic_lookup when using Python and building on Mac OS X             |          | 03/30/2016 11:25 PM |  |
| 1674 | OsmoBTS                               | Bug     | New         | Low      | Kill duplication between l1_if.c and sysmbots_ctrl.c                                 |          | 07/18/2019 06:08 AM |  |
| 1671 | OsmoNITB                              | Bug     | Stalled     | Low      | Combined 850/1800 NITB not seen by Option Icon2 stick                                |          | 03/05/2018 07:35 PM |  |
| 1640 | OsmoPCU                               | Bug     | Feedback    | Low      | Missing release field/length in MS RA capability container                           |          | 10/20/2020 09:19 AM |  |
| 1624 | OsmoPCU                               | Bug     | New         | Normal   | add CRBB support to write_packet_ack_nack_desc_egprs                                 |          | 10/20/2020 08:37 AM |  |

| #    | Project                         | Tracker | Status  | Priority | Subject   | Assignee | Updated             | Related issues   |
|------|---------------------------------|---------|---------|----------|---|----------|---------------------|--|
| 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 |
| 1612 | Cellular Network Infrastructure | Bug     | New     | Low      | more configuration consistency checking   |          | 09/30/2018 11:48 AM |  |
| 1577 | OsmoBTS                         | Bug     | New     | Normal   | mph_send_config_logchpar doesn't update encryption config   |          | 02/23/2016 03:39 PM |  |
| 1550 | OsmoPCU                         | Bug     | New     | Normal   | Cell reselection under network control  |          | 02/23/2016 03:06 PM |  |
| 1505 | UmTRX                           | Bug     | New     | High     | OHM4 footprint incorrect  |          | 02/19/2016 10:52 PM |  |
| 1483 | Mobile (in)Security             | Bug     | New     | High     | USSD state is not reset when switching cells  |          | 02/21/2016 04:34 PM |  |
| 1482 | Mobile (in)Security             | Bug     | New     | Normal   | Sending the TMSI of the old/previous network  |          | 02/21/2016 04:35 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 |  |
| 1479 | Mobile (in)Security             | Bug     | New     | Normal   | MTK stack unable to send MO-SMS on TCH/F  |          | 04/03/2019 09:01 AM |  |
| 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 |  |
| 1462 | OsmocomBB                       | Bug     | New     | High     | ../src/utlis.c:182:7: error: only weak aliases are supported in this configuration                      |          | 02/21/2016 04:48 PM |  |
| 73   | OsmoBSC                         | Bug     | New     | Low      | Kill the paging_init_if_needed method in paging.c   |          | 12/10/2017 07:53 PM |  |
| 72   | OsmoNITB                        | Bug     | New     | Low      | struct gsm_call can leak..  |          | 05/09/2016 07:37 PM |  |
| 70   | OsmoNITB                        | Bug     | New     | Low      | nitb crashes in the rtp_proxy when a phone on a MT-call sends a 'CONNECT' before the CRCX ACK came back |          | 05/09/2016 07:37 PM |  |
| 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 |  |
| 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   |
| 54   | OsmoNITB                        | Bug     | New     | Normal   | osmo-nitb keeps rtp-proxy socket open in case no DLCX_IND is sent                                       |          | 03/05/2018 07:34 PM |  |
| 48   | OsmoNITB                        | Bug     | New     | Normal   | Periodic timer and paging   |          | 03/05/2018 07:34 PM |  |
| 41   | OsmoMSC                         | Bug     | New     | Normal   | Numbering Plan in OsmoMSC   |          | 06/23/2018 07:37 PM |  |
| 38   | OsmoNITB                        | Bug     | New     | Normal   | subscr_update should sync database before dispatching the signal  |          | 03/05/2018 07:34 PM |  |
| 37   | OsmoNITB                        | Bug     | New     | Normal   | RTP Proxy dealing with SSRC change and sequence numbers   |          | 03/05/2018 07:34 PM |  |
| 34   | OsmoBSC                         | Bug     | New     | Normal   | ipaccess init code needs proper state machines  |          | 12/10/2017 08:16 PM | Related to #34   |
| 28   | OsmoNITB                        | Bug     | New     | Low      | Old siemens phones cannot make voice calls (04.08 channel mode)   |          | 03/05/2018 07:36 PM |  |



| #    | Project  | Tracker | Status  | Priority | Subject  | Assignee | Updated             | Related issues                     |
|------|--|---------|---------|----------|--|----------|---------------------|------------------------------------|
| 21   | OsmoNITB   | Bug     | New     | Low      | we don't see CHANnel ReQireD from motorola EZX phones at call setup            |          | 03/05/2018 07:36 PM |                                    |
| 6447 | Osmocom Conferences (OsmoDevCon, OsmoCon, OsmoDevCall) | Feature | New     | Normal   | have more time slots without a takl  |          | 05/07/2024 11:48 AM |                                    |
| 6445 | libosmocore  | Feature | New     | Normal   | GSMTAP version 3   |          | 05/04/2024 02:13 PM |                                    |
| 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 |                                    |
| 6402 | libosmocore  | Feature | New     | Low      | consider using IORING_RECVSEND_POLL_FIRST for our socket-reads                 |          | 03/14/2024 08:21 AM |                                    |
| 6401 | libosmocore  | Feature | New     | Low      | benchmark batching io_uring operations   |          | 03/14/2024 08:10 AM |                                    |
| 6395 | OsmoHNBGW  | Feature | New     | Low      | PCFP URR support in osmo-hnbgw   |          | 03/22/2024 08:08 AM | Related to #6395                   |
| 6394 | OsmoUPF  | Feature | Stalled | Low      | Basic URR (Usage Reporting Rule) support for tunnel mapping                    |          | 03/22/2024 08:08 AM | Related to #6395                   |
| 6390 | libosmocore  | Feature | New     | Low      | port CTRL over to osmo_io / io_uring   |          | 03/02/2024 06:45 PM | Related to #6390                   |
| 6389 | libosmocore  | Feature | New     | Low      | port VTY over to osmo_io / io_uring  |          | 03/02/2024 04:55 PM | Related to #6389                   |
| 6388 | libosmocore  | Feature | New     | Normal   | stats_reporter via osmo_io / io_uring?   |          | 03/02/2024 04:54 PM | Related to #6388                   |
| 6367 | pySim  | Feature | New     | Normal   | PC/SC <-> Android OMAPI bridge for pySim and others                            |          | 02/17/2024 01:34 PM |                                    |
| 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 |                                    |
| 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 |
| 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 |                                    |
| 6344 | libosmocore  | Feature | New     | Normal   | New TS 24.008 Bearer Capability codec API                                      |          | 01/24/2024 11:19 PM | Related to #6344                   |
| 6316 | pySim  | Feature | New     | Normal   | include test data in user manual   |          | 12/23/2023 03:10 PM |                                    |
| 6315 | pySim  | Feature | New     | Low      | have test data for all supported files   |          | 12/23/2023 09:36 AM |                                    |
| 6303 | OsmoPCU  | Feature | New     | Low      | Convert pcuif to TLV to make backwards compatibility more feasible             |          | 02/15/2024 09:23 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                   |

| #    | Project                         | Tracker | Status      | Priority | Subject   | Assignee | Updated             | Related issues                    |
|------|---------------------------------|---------|-------------|----------|---|----------|---------------------|-----------------------------------|
| 6285 | OsmoHNBGW                       | Feature | New         | Low      | IUFP needs not CRCX in loopback mode  |          | 12/04/2023 03:58 AM |                                   |
| 6258 | OsmoMSC                         | Feature | In Progress | Normal   | if MT call leg does not support the assigned codec, re-assign to a compatible codec       |          | 01/12/2024 06:26 AM | Related to #6328                  |
| 6243 | Cellular Network Infrastructure | Feature | New         | Low      | vty cfg: make changing startup defaults of applications backwards compatible              |          | 11/01/2023 07:06 PM |                                   |
| 6242 | Core testing infrastructure     | Feature | New         | Normal   | Test eUPF against ttcn3-upf-test setup  |          | 12/18/2023 11:33 AM |                                   |
| 6241 | libosmo-sccp + libosmo-sigtran  | Feature | New         | Low      | M3UA "Network Appearance" support   |          | 10/31/2023 03:00 PM | Related to #6241                  |
| 6239 | libosmo-sccp + libosmo-sigtran  | Feature | New         | Normal   | finally deprecate libosmo-sccp (headers, static lib)                                      |          | 10/31/2023 07:31 PM |                                   |
| 6224 | Retronetworking                 | Feature | Feedback    | Normal   | how to document the rescued EWSD  |          | 10/18/2023 04:51 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 |
| 6104 | pySim                           | Feature | New         | Low      | reduce number of python dependencies  |          | 07/20/2023 04:28 PM |                                   |
| 6036 | OsmoBTS                         | Feature | New         | Normal   | Implement ternary SID classification for HR1 uplink                                       |          | 05/17/2023 09:48 PM | Related to #6036,Related to #6036 |
| 6000 | OsmoMSC                         | Feature | New         | Normal   | Allow emergency calls without IMSI (using IMEI as MI)                                     |          | 04/12/2023 11:03 AM | Related to #6000                  |
| 5930 | OsmoPCU                         | Feature | New         | Low      | handle multiple BTSs with one PCU   |          | 03/03/2023 10:47 AM |                                   |
| 5908 | Cellular Network Infrastructure | Feature | New         | Low      | Cleanup license information throughout the projects                                       |          | 02/16/2023 11:02 AM |                                   |
| 5900 | OsmoUPF                         | Feature | In Progress | Normal   | make sure chain ids used in the tunmap nft ruleset are unused                             |          | 02/09/2023 05:34 PM |                                   |
| 5867 | OsmoHNBGW                       | Feature | New         | Normal   | HNBGW_Tests.ttcn should do HNBAP UE Register and De-Register tests                        |          | 01/21/2023 02:30 AM |                                   |
| 5865 | OsmoHLR                         | Feature | New         | Low      | Automate selection of LU Reject Cause   |          | 02/16/2023 10:36 AM |                                   |
| 5853 | OsmoSGSN                        | Feature | New         | Normal   | osmo-sgsn: Rework to use libosmo-gprs   |          | 01/11/2023 03:14 PM |                                   |
| 5838 | OsmoGSMTester                   | Feature | New         | Normal   | Implement power switching for all BTSs  |          | 12/20/2022 05:30 PM |                                   |
| 5834 | OsmoPCU                         | Feature | New         | Normal   | VTY option "two-phase-access" is misleading   |          | 12/19/2022 06:55 PM |                                   |
| 5829 | libosmocore                     | Feature | New         | Low      | log fallback for log_check_level(), log_parse_category()                                  |          | 12/13/2022 10:44 PM |                                   |
| 5816 | OsmoHNBGW                       | Feature | New         | Low      | Picocells available in R.U  |          | 03/09/2024 07:09 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 |
| 5814 | OsmoUPF                         | Feature | New         | Normal   | tunmap: more concisely match on GTP-U packets   |          | 12/06/2022 07:30 PM |                                   |
| 5813 | OsmoHNBGW                       | Feature | New         | Low      | Alcatel-Lucent femtocells available in Europe   |          | 03/09/2024 07:09 PM |                                   |
| 5812 | OsmocomBB                       | Feature | New         | Low      | mobile: missing AMR support   |          | 12/06/2022 03:07 PM | Related to #5812                  |

| #    | Project                               | Tracker | Status | Priority | Subject   | Assignee | Updated             | Related issues                    |
|------|---------------------------------------|---------|--------|----------|---|----------|---------------------|-----------------------------------|
| 5808 | gr-osmosdr                            | Feature | New    | Normal   | New option, for selecting an input channel of a soapy_source_c                        |          | 12/05/2022 11:45 AM |                                   |
| 5780 | OsmoMSC                               | Feature | New    | Normal   | Implement/Support UUS1  |          | 01/24/2023 10:48 AM |                                   |
| 5771 | Cellular Network Infrastructure       | Feature | New    | Normal   | series of presentations about the individual CNI network elements                     |          | 11/14/2022 07:25 PM |                                   |
| 5768 | Retronetworking                       | Feature | New    | Normal   | retronetworking logo / artwork  |          | 04/07/2024 10:40 PM |                                   |
| 5766 | libosmo-abis                          | Feature | New    | Low      | use Linux kernel KCM for IPA header?  |          | 11/13/2022 08:15 AM | Related to #5766                  |
| 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 |                                   |
| 5746 | Retronetworking                       | Feature | New    | Low      | Create H.221 decoder  |          | 11/07/2022 10:55 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                  |
| 5721 | OsmoCBC                               | Feature | New    | Normal   | CBC messages Geographical Scope and CBS Index   |          | 10/19/2022 07:23 AM |                                   |
| 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 |                                   |
| 5682 | OsmoUPF                               | Feature | New    | Low      | cfg: separate PFCP Node ID from PFCP local address                                    |          | 09/17/2022 02:21 PM | Related to #5682                  |
| 5662 | OsmoUPF                               | Feature | New    | Normal   | add Linux kernel options to manual  |          | 08/24/2022 03:13 PM |                                   |
| 5648 | libosmo-pfcp                          | Feature | New    | Normal   | implement common PFCP CPF client VTY config   |          | 08/17/2022 03:29 PM | Related to #5648                  |
| 5647 | OsmoHNBGW                             | Feature | New    | Normal   | cfg: separate PFCP Node ID from PFCP local address                                    |          | 08/17/2022 03:38 PM | Related to #5648,Related to #5682 |
| 5641 | OsmoCBC                               | Feature | New    | Normal   | OsmoCBC doesn't yet support reloading cells becoming operational with active messages |          | 08/05/2022 05:10 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                  |
| 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 |                                   |
| 5546 | OCTOI - Osmocom Community TDM over IP | Feature | New    | Normal   | build frame relay "hub" similar to ISDN "hub"   |          | 04/24/2022 03:03 PM |                                   |
| 5545 | Retronetworking                       | Feature | New    | Low      | E1 support for dynamips   |          | 04/24/2022 09:56 AM |                                   |
| 5543 | Retronetworking                       | Feature | New    | Normal   | Contact manufacturers for leftover stock  |          | 06/27/2023 09:05 PM |                                   |
| 5526 | OCTOI - Osmocom Community TDM over IP | Feature | New    | Low      | ability to generate GSMTAP traces from osmo-e1d                                       |          | 07/29/2023 07:23 AM |                                   |
| 5520 | osmo-e1d                              | Feature | New    | Low      | exponential back-off on octoi client reconnect attempts                               |          | 07/29/2023 07:30 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 |                                   |
| 5511 | Retronetworking                       | Feature | New    | Low      | Idea: DAHDI backend for mISDN   |          | 09/18/2022 03:59 PM |                                   |

| #    | Project                               | Tracker | Status  | Priority | Subject  | Assignee | Updated             | Related issues                                     |
|------|---------------------------------------|---------|---------|----------|--|----------|---------------------|--|
| 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                                   |
| 5489 | linmodem                              | Feature | New     | Low      | linmodem mISDN integration   |          | 03/13/2022 09:35 PM |  |
| 5487 | OsmoSGSN                              | Feature | New     | Low      | get rid of osmo-juh.git's iu_client API and absorb into OsmoSGSN   |          | 03/10/2022 06:05 PM |  |
| 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                                   |
| 5468 | OsmoMGW                               | Feature | New     | Normal   | osmo-mgw: 2g<->3g call support                                     |          | 06/03/2022 10:39 AM | Related to #5468,Related to #5468,Related to #5468 |
| 5446 | Cellular Network Infrastructure       | Feature | New     | Normal   | correlate git version to ttcn3 tests                               |          | 02/07/2022 09:40 PM | Related to #5446                                   |
| 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 |  |
| 5435 | OCTOI - Osmocom Community TDM over IP | Feature | New     | Low      | use DNS to resolve the server                                      |          | 04/05/2022 08:20 PM |  |
| 5434 | OCTOI - Osmocom Community TDM over IP | Feature | Stalled | Normal   | more statistics / counters   |          | 12/03/2023 11:17 AM |  |
| 5427 | OCTOI - Osmocom Community TDM over IP | Feature | New     | Low      | STUN/TURN/ICE for peer-to-peer connections                         |          | 01/30/2022 10:43 AM |  |
| 5395 | OsmocomDECT                           | Feature | New     | Normal   | Support for LMX3161  |          | 01/09/2022 12:55 PM |  |
| 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 |  |
| 5323 | Core testing infrastructure           | Feature | New     | Normal   | Add docker image containing titan.core master                      |          | 12/15/2021 04:43 PM | Related to #6187                                   |
| 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 |  |
| 5307 | Ericsson RBS 6xxx                     | Feature | New     | Normal   | Support for Multiple Sectors at an RBS site.                       |          | 11/13/2021 08:20 PM |  |
| 5267 | pySim                                 | Feature | New     | Normal   | pySim-shell: Ability to deactivate entire applications on the card |          | 10/14/2021 07:12 PM | Related to #5268                                   |
| 5256 | OsmoBTS                               | Feature | New     | High     | support for random padding in LAPDm downlink messages              |          | 10/12/2021 11:17 AM | Related to #5256                                   |
| 5235 | pySim                                 | Feature | New     | Low      | import / export as eUICC profile package ASN.1                     |          | 06/09/2023 04:55 PM |  |
| 5183 | OsmoHLR                               | Feature | New     | Low      | EIR functionality  |          | 06/16/2021 06:22 AM | Related to #5183                                   |
| 5167 | Osmocom Analog                        | Feature | New     | Low      | LimeNet Micro  |          | 04/02/2023 08:57 AM |  |
| 5156 | OsmoBSC                               | Feature | New     | Low      | Support intraBSC handover between distinct BTS types               |          | 11/04/2021 06:27 PM |  |

| #    | Project                         | Tracker | Status | Priority | Subject  | Assignee | Updated             | Related issues   |
|------|---------------------------------|---------|--------|----------|--|----------|---------------------|------------------|
| 5128 | Core testing infrastructure     | Feature | New    | Low      | dec_RlcmacDlCtrlBlock: Get rid of annoying warning about remaining padding |          | 12/09/2021 09:14 PM |                  |
| 5047 | OsmoSDR                         | Feature | New    | Normal   | Inconsistencies between SDR's in bias-tee parameter                        |          | 12/19/2021 01:17 PM |                  |
| 5013 | Cellular Network Infrastructure | Feature | New    | Low      | investigate "vtysh" for Osmocom  |          | 02/06/2021 02:14 PM | Related to #5013 |
| 4990 | OsmoBSC                         | Feature | New    | Low      | TTCN3 test for AMR MultiRate IEs in RR and RSL                             |          | 07/02/2021 04:34 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 |                  |

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