## Issues

| # | Project | Tracker | Status | Priority | Subject | Assignee | Updated | Related issues |
|---|---|---|---|---|---|---|---|---|
| 5683 | Osmocom Libraries | Bug | New | Immediate | How to install osmocom in China | | 09/18/2022 10:18 AM | |
| 6096 | OsmoGGSN (former OpenGGSN) | Feature | In Progress | Urgent | add support for kernel-GTP IPv6 | osmith | 03/25/2024 12:10 PM | Related to #6096,Related to #6106,Related to #6096,Blocks #6096 |
| 5861 | osmo-ePDG - VoWifi Evolved Packet Data Gateway | Feature | In Progress | Urgent | extend charon with external authentication interface | lynxis | 02/07/2024 04:00 PM | Related to #5868 |
| 5559 | OsmoMSC | Bug | Stalled | Urgent | OsmoMSC at 100% CPU and unresponsive for up to several minutes! | laforge | 08/04/2022 08:14 AM | Related to #5563 |
| 5481 | Open Source IMS Client | Feature | New | Urgent | SIM card interface for doubango | laforge | 03/25/2022 11:00 AM | Related to #5482 |
| 5106 | OsmoBSC | Feature | Feedback | Urgent | Watchdog that would try to un-BORKE BORKen timeslots | keith | 02/07/2023 06:25 PM | Related to #5106,Related to #5785,Related to #5786,Related to #5106 |
| 5574 | OsmoBSCNAT | Bug | New | Urgent | OsmoBSCNAT testsuite running in jenkins | Hoernchen | 10/06/2022 11:46 AM | Related to #5574 |
| 3819 | gr-osmosdr | Support | New | Urgent | OSMO SDR blocks for GNUradio | | 02/28/2019 06:00 PM | |
| 4206 | Qualcomm Linux Modems by Quectel & Co | Support | New | Urgent | Unbrick cpe router without web ui interface and terminal | | 02/22/2021 02:01 PM | |
| 1458 | OsmocomBB | Bug | New | High | AGC broken (strong cell cannot be synced | tnt | 07/18/2019 06:10 AM | Related to #3582 |
| 1474 | SDR (Software Defined Radio) | Bug | New | High | USB Claim Interface Error | steve-m | 02/20/2016 08:23 PM | |
| 3155 | OsmoBTS | Feature | Stalled | High | execute BTS_Tests.ttcn with real (C123) phone hardware in LTHW setup | pespin | 12/04/2020 07:30 PM | Related to #3353,Related to #3155 |
| 3926 | OsmoPCU | Bug | Stalled | High | Missing PCU_Tests.ttcn DL TBF tests | pespin | 03/01/2021 11:06 AM | |
| 3928 | OsmoPCU | Bug | Stalled | High | Missing PCU_Tests.ttcn for various timers / time-outs | pespin | 11/15/2021 05:46 PM | Related to #5033 |
| 1952 | Linux Kernel GTP-U | Bug | In Progress | High | IPv6 support for inner (user) IP layer missing | pablo | 03/05/2024 11:47 PM | Related to #6096,Related to #6123 |

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|---|---|---|---|---|---|---|---|---|
| 4107 | Cellular Network Infrastructure | Feature | In Progress | High | Start systemd services as non-root user | osmith | 04/26/2024 09:08 AM | Related to #4107,Related to #4821,Related to #4107,Related to #5669,Related to #5685,Related to #5687,Related to #5722 |
| 6223 | OsmoGGSN (former OpenGGSN) | Feature | In Progress | High | TTCN3 unit test[s] for GTPv1U with extension headers | osmith | 01/31/2024 08:19 PM | Related to #6223 |
| 4830 | OsmoMSC | Bug | In Progress | High | LU reject when no authentication data in HLR but "authentication optional" | neels | 10/10/2022 02:03 PM | |
| 2623 | Cellular Network Infrastructure | Feature | New | High | SCCP/M3UA: detect restart of osmo-msc and osmo-sgsn | neels | 02/07/2021 12:55 PM | Related to #3403,Related to #4701 |
| 6424 | OsmoMGW | Bug | In Progress | High | TC_one_crcx_loopback_rtp_implicit consistently failing in master, but passes on latest | neels | 03/27/2024 08:17 PM | |
| 3294 | OsmoMSC | Bug | Stalled | High | transaction: refactor callref allocation | neels | 12/16/2019 02:37 PM | Related to #3294,Related to #3294,Related to #4333,Related to #4854 |
| 4576 | Core testing infrastructure | Bug | Stalled | High | ttcn3-hlr-tests need to route multicast traffic between ttcn3-hlr-test and osmo-hlr-master containers | neels | 10/28/2020 09:48 PM | |
| 4940 | OsmoBSC | Feature | Stalled | High | VAMOS support in OsmoBSC | neels | 08/11/2021 02:47 PM | Related to #4941 |
| 4605 | OsmoSGSN | Bug | New | High | GMM_ATTACH_REQ_FSM: Event E_AUTH_RESP_RECV_SUCCESS not permitted | lynxis | 06/13/2020 06:16 PM | Related to #4605 |
| 2955 | OsmoSGSN | Bug | New | High | No GMM ATTACH REJECT on GSUP UpdateLocation Error | lynxis | 09/10/2019 07:39 PM | |
| 6091 | osmo-ePDG - VoWifi Evolved Packet Data Gateway | Bug | Feedback | High | osmo-epdg: Implement CEAI interface (GSUP) ePDG <> strongswan | lynxis | 03/14/2024 04:36 PM | |
| 5880 | OsmoSGSN | Bug | In Progress | High | User Manual sections 11.1.1-2 document non-existing (removed?) VTY commands | lynxis | 03/28/2023 02:45 PM | |
| 5564 | OsmoMSC | Bug | Stalled | High | blocking database I/O by SMS database | laforge | 05/16/2022 08:20 PM | Related to #5564,Related to #5566,Related to #5564 |
| 5419 | SIMtrace 2 | Bug | Stalled | High | cardem errors with higher baud rate | laforge | 11/07/2022 06:22 PM | |
| 3568 | OsmoBTS | Bug | Stalled | High | CBCH on SDCCH/8 not working for osmo-bts-sysmo | laforge | 01/14/2019 03:29 PM | |
| 3379 | SIMtrace 2 | Bug | Stalled | High | documentation on how to use SIMtrace2 | laforge | 11/14/2022 05:31 PM | Related to #3379 |

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|---|---|---|---|---|---|---|---|---|
| 6169 | osmo-e1d | Bug | New | High | Frame masking against network frame ordering, not frame numbers | laforge | 10/18/2023 03:19 PM | |
| 2604 | Cellular Network Infrastructure | Feature | Stalled | High | GSUP-to-DIAMETER converter / IWF | laforge | 02/29/2020 11:27 AM | Related to #5646 |
| 5480 | Open Source IMS Client | Feature | In Progress | High | Linux kernel IPsec plugin for doubango | laforge | 03/25/2022 10:44 AM | |
| 6290 | Osmocom Conferences (OsmoDevCon, OsmoCon, OsmoDevCall) | Feature | In Progress | High | Organize OsmoDevCon 2024 | laforge | 03/06/2024 12:06 PM | |
| 4829 | OsmocomBB | Bug | Stalled | High | OsmocomBB Rx bit errors in dedicated mode | laforge | 02/06/2021 09:11 AM | Related to #4832 |
| 5563 | OsmoMSC | Bug | Stalled | High | OsmoMSC sometimes stalls for dozens of seconds in a production deployment | laforge | 08/04/2022 08:15 AM | Related to #5564,Related to #5563,Related to #5566 |
| 1705 | SIMtrace 2 | Bug | Stalled | High | re-integrate tracing + card reader modes into SIMtrace2 firmware (SAM3S) | laforge | 04/06/2021 01:19 AM | Related to #1705,Related to #3379 |
| 3977 | OsmoCBC | Feature | New | High | SABP stream delineation routines | laforge | 09/23/2019 04:49 AM | Related to #3979,Related to #4944 |
| 5921 | SIMtrace 2 | Bug | In Progress | High | simtrace2 cardem vs. Linux kernel USB autosuspend | laforge | 09/16/2023 10:47 PM | Related to #5921 |
| 4578 | Cellular Network Infrastructure | Bug | New | High | Updated slides / presentations / videos on setting up Osmocom CNI | laforge | 02/13/2021 05:35 PM | |
| 4916 | osmo-e1d | Bug | Stalled | High | USB unplug / replug renders e1d unusable | laforge | 12/04/2023 12:34 PM | Related to #5983 |
| 5527 | osmo-remsim | Bug | Stalled | High | warn on duplicate client (id) connections | laforge | 07/13/2022 01:25 PM | Related to #5527 |
| 6436 | OsmoPCU | Bug | New | High | high cpu usage, entire BTS unresponsive after some hours | keith | 04/13/2024 04:32 PM | |
| 5755 | OsmoBSC | Feature | In Progress | High | io_uring support in osmo-bsc | jolly | 03/02/2024 08:06 PM | Related to #5755,Related to #6357 |
| 1510 | UmTRX | Feature | New | High | Complete UHD integration | ipse | 02/21/2016 04:47 PM | |
| 1508 | UmTRX | Feature | New | High | Implement UmSEL diversity switch control | ipse | 02/21/2016 04:47 PM | |
| 1507 | UmTRX | Feature | New | High | Implement UmSEL tuner control | ipse | 02/21/2016 04:47 PM | |
| 5144 | gr-osmosdr | Bug | New | High | Support multiple Airspy devices | horiz0n | 10/21/2023 07:22 PM | |
| 5516 | OsmoTRX | Feature | In Progress | High | BladeRF 2.0 Support | Hoernchen | 02/14/2023 02:59 PM | Is duplicate of #2430 |
| 5057 | OsmoMSC | Bug | New | High | Can only send a maximum of 15 SMPP messages? | Hoernchen | 09/15/2021 09:53 AM | |
| 4781 | osmo-qcdiag | Bug | New | High | get hoernchen/gsmtap branch merged | Hoernchen | 10/06/2020 03:18 PM | |

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|---|---|---|---|---|---|---|---|---|
| 4622 | OsmoTRX | Bug | New | High | Lots of "dumping STALE burst in TRX->SDR interface" messages in osmo-trx after osmo-bts-trx proper restart | Hoernchen | 07/06/2020 11:57 AM | |
| 6200 | OsmocomBB | Bug | New | High | osmo-trx-ms: lots of @Received bad frame (rc=-1, ber=444/444)@ | Hoernchen | 10/05/2023 06:02 PM | Related to #6342,Blocks #6200 |
| 2409 | OsmocomBB | Feature | Stalled | High | Add GPRS support to virt_phy and L1CTL | fixeria | 08/19/2022 03:06 PM | |
| 4771 | OsmoBTS | Bug | Stalled | High | Don't log NOTICE messages on missing uplink bursts | fixeria | 11/16/2021 03:05 PM | |
| 4879 | OsmoPCU | Bug | Stalled | High | endless pdch.cpp:809 Got CS-N RLC block: R=0, SI=0, TFI=0, CPS=0, RSB=0, rc=264 | fixeria | 07/28/2023 02:46 PM | |
| 1461 | OsmocomBB | Feature | Stalled | High | include some version information / negotiation in the L1CTL protocol | fixeria | 10/27/2021 10:17 PM | Related to #1461,Related to #5815 |
| 3399 | OsmocomBB | Feature | Stalled | High | mobile: refactor / finish external MNCC handler implementation | fixeria | 10/04/2018 09:07 PM | |
| 3717 | OsmoHLR | Bug | Stalled | High | SS/USSD: fix SS session inactivity timeout | fixeria | 12/05/2018 08:45 PM | |
| 2400 | OsmoPCU | Bug | Stalled | High | transmit SI13 on PACCH during long TBFs | fixeria | 05/12/2020 12:19 PM | Related to #2400,Related to #3472,Related to #4506 |
| 4658 | OsmocomBB | Bug | Stalled | High | Wrong burst order in a multi-trx setup | fixeria | 09/14/2020 10:18 AM | Related to #4658,Related to #4658 |
| 5571 | Ericsson RBS 6xxx | Bug | New | High | DUG can come up, but with Avail: "Power Off" | dexter | 11/08/2022 05:10 PM | |
| 3659 | OsmoBSC | Feature | Stalled | High | handover during LCLS directly between BTSs | dexter | 05/22/2023 09:23 AM | Related to #3659,Related to #3659,Related to #3659,Related to #3659,Related to #3659,Related to #3659,Related to #3783 |
| 4383 | pySim | Bug | Stalled | High | Jenkins build verification is non-deterministic | dexter | 04/06/2021 04:58 PM | Related to #4384,Related to #5127 |
| 4522 | osmo-gbproxy | Feature | Stalled | High | gbproxy: Redundancy within proxy pair | daniel | 07/09/2021 06:43 PM | |
| 5931 | libosmo-netif | Bug | New | High | heap-use-after-free when osmo_stream_srv_destroy() is called inside read_cb() | daniel | 03/02/2023 11:03 AM | |
| 6294 | OsmoSGSN | Feature | New | High | Support GN/Gp interoperation procedures between SGSN and MME | daniel | 04/22/2024 06:04 PM | Related to #6294,Related to #6439 |
| 5396 | OsmocomDECT | Bug | New | High | TcpDump/WireShark will not build with libpcap(dect) | | 01/09/2022 12:57 PM | |

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|---|---|---|---|---|---|---|---|---|
| 1462 | OsmocomBB | Bug | New | High | ../../src/utils.c:182:7: error: only weak aliases are supported in this configuration | | 02/21/2016 04:48 PM | |
| 1480 | Mobile (in)Security | Bug | New | High | A5/3 is not deployed in GSM networks | | 02/21/2016 04:34 PM | |
| 2160 | OP25 | Feature | New | High | Add "datascope" to usrp_p25_rx.py | | 04/22/2017 04:16 PM | |
| 2166 | OP25 | Feature | New | High | Add support for Max's I/Q 455khz downconverter | | 04/22/2017 04:15 PM | |
| 6337 | OsmocomBB | Bug | New | High | bad fr audio with gapk/ms-sdr | | 01/22/2024 09:21 PM | Related to #6337 |
| 3734 | gr-osmosdr | Bug | New | High | Cannot compile gr-osmocom | | 12/16/2018 12:22 AM | |
| 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 |
| 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 | |
| 2158 | OP25 | Feature | New | High | Create a shared library for decoding for WireShark and the decoder. | | 04/22/2017 04:16 PM | |
| 1560 | OsmoPCU | Feature | New | High | EDGE benchmarking / performance optimization / tuning | | 01/08/2020 10:31 PM | |
| 2169 | OP25 | Bug | New | High | First-cut of trunking support | | 04/22/2017 04:15 PM | |
| 2157 | OP25 | Feature | New | High | Fix "traffic" tab so it displays data for non-HDU data units | | 04/22/2017 04:16 PM | |
| 2162 | OP25 | Bug | New | High | Fix bit-ordering in output for VC55. | | 04/22/2017 04:15 PM | |
| 1925 | OsmoPCU | Bug | New | High | Fix padding for MCS8 transition | | 01/08/2020 10:31 PM | |
| 4312 | OsmoHLR | Bug | New | High | GSUP keepalives / connection loss detection | | 10/12/2020 02:42 PM | |
| 2172 | OP25 | Bug | New | High | HDU often missing in captures | | 04/22/2017 04:14 PM | |
| 2167 | OP25 | Feature | New | High | Implement Encryption/Decryption P25 blocks | | 04/22/2017 04:15 PM | |
| 2156 | OP25 | Feature | New | High | Implement forward error correction for HDU. | | 04/22/2017 04:16 PM | |
| 2168 | OP25 | Bug | New | High | Implement Forward error correction for LDU1/2 | | 04/22/2017 04:15 PM | |
| 2170 | OP25 | Bug | New | High | Implement forward error-correction code, remove IT++ dependency | | 04/22/2017 04:14 PM | |
| 4222 | OsmoSGSN | Bug | New | High | Implement PS Paging for the Routing Areas | | 10/03/2020 02:20 PM | Related to #4222 |
| 1478 | Mobile (in)Security | Bug | New | High | IMSI DETACH DoS | | 09/02/2019 09:00 AM | |
| 5731 | gr-osmosdr | Bug | New | High | Install gr-osmosdr on Ubuntu 20.04 | | 10/27/2022 01:39 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 | |
| 1766 | OsmoPCU | Bug | In Progress | High | KPIs for OsmoPCU: EGPRS | | 01/22/2020 02:06 PM | Related to #1766,Related to #1766 |

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|---|---|---|---|---|---|---|---|---|
| 5349 | OsmoSGSN | Bug | In Progress | High | Message for non-existing SNDCP Entity | | 07/17/2023 04:42 PM | |
| 1505 | UmTRX | Bug | New | High | OHM4 footprint incorrect | | 02/19/2016 10:52 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 |
| 2622 | OsmoBSC | Support | Stalled | High | Prepare automatic interop testing of OmsoBSC against NG40 core simulator + osmo-bts-virtual + mobile | | 09/04/2019 09:18 AM | Related to #2478,Related to #2558,Related to #2555 |
| 5425 | gr-osmosdr | Bug | New | High | Problem receiving samples using dual receivers with BladeRF | | 01/29/2022 04:22 AM | |
| 1477 | Mobile (in)Security | Bug | New | High | RACH flood DoS | | 02/21/2016 04:34 PM | |
| 1481 | Mobile (in)Security | Bug | New | High | Random LAPDm MAC-block padding is not deployed yet | | 02/21/2016 04:34 PM | Related to #5256,Related to #5257 |
| 2173 | OP25 | Feature | New | High | Remove dependency on ET++ | | 04/22/2017 04:14 PM | |
| 2155 | OP25 | Feature | New | High | Replace FSK4 demodulation with IQ demodulator stage. | | 04/22/2017 04:16 PM | |
| 5392 | OsmocomDECT | Bug | New | High | Sliding collision errors | | 01/09/2022 12:44 PM | |
| 5256 | OsmoBTS | Feature | New | High | support for random padding in LAPDm downlink messages | | 10/12/2021 11:17 AM | Related to #5256 |
| 5257 | OsmoBTS | Bug | New | High | support random padding in SACCH downlink messages | | 10/12/2021 11:18 AM | Related to #5257 |
| 4308 | Distributed GSM | Support | New | High | thoughts about incorporating credit / billing in D-GSM | | 12/04/2019 04:08 PM | |
| 5393 | OsmocomDECT | Bug | New | High | tipc problems while building on Ubuntu | | 01/09/2022 12:48 PM | |
| 2175 | OP25 | Feature | New | High | Update code for GNURadio 3.6 and later | | 04/22/2017 04:14 PM | |
| 2171 | OP25 | Feature | New | High | Use libfftw3 for IFFT/FFT functions. | | 04/22/2017 04:14 PM | |
| 1483 | Mobile (in)Security | Bug | New | High | USSD state is not reset when switching cells | | 02/21/2016 04:34 PM | |
| 1759 | OsmoPCU | Bug | Stalled | High | Wrong calculation of DL window size for DL assignment | | 01/22/2020 04:01 PM | Related to #1533,Related to #1524 |
| 1623 | OsmoSMSC | Feature | New | Normal | Configure delivery report for the SMPP delivery links | zecke | 02/24/2016 01:49 PM | |
| 1689 | OsmoSMSC | Feature | New | Normal | insert: Change destination number based on criteria similiar to route handling on output | zecke | 04/06/2016 12:18 PM | |
| 1690 | OsmoSMSC | Bug | New | Normal | Insert: Generate message ID (e.g. UUID) | zecke | 04/06/2016 12:26 PM | |

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|---|---|---|---|---|---|---|---|---|
| 2555 | OsmocomBB | Feature | Stalled | Normal | script interface to OsmocomBB "mobile" | zecke | 06/08/2020 07:07 PM | Related to #2555,Related to #2555,Blocks #2893 |
| 1990 | OsmocomBB | Bug | Feedback | Normal | bb nand flash | yangkkokk | 07/10/2017 10:22 PM | |
| 6181 | SIMtrace 2 | Bug | Feedback | Normal | Unexpected INS code with simtrace2-sniff: 0x7f | v.marinos | 10/18/2023 09:41 PM | |
| 1504 | UmTRX | Feature | New | Normal | LMS6002 phase error increases when Rx is enabled and varies with temperature | ttsou | 02/19/2016 10:52 PM | |
| 3067 | OsmoTRX | Bug | New | Normal | osmo-trx usrp b100  time out and packet loss between host and device | ttsou | 03/15/2018 06:36 PM | |
| 1911 | SIMtrace 2 | Feature | New | Normal | check if we can have an enclosed version of simtrace v2 | tsaitgaist | 09/13/2018 12:40 PM | |
| 3847 | Miscellaneous Projects | Feature | New | Normal | Osmocom logo with/for black background | tsaitgaist | 12/10/2019 11:53 AM | |
| 3054 | OsmoTRX | Feature | Stalled | Normal | Extended (11-bit) RACH support in OsmoTRX | tnt | 02/03/2019 11:45 AM | Related to #1854,Related to #3054,Related to #3054,Related to #4006 |
| 5883 | OCTOI - Osmocom Community TDM over IP | Bug | New | Normal | GPS sync sometimes goes to hold over | tnt | 01/30/2023 02:18 PM | Related to #5885 |
| 5490 | E1/T1 Hardware Interface (including icE1usb) | Bug | Feedback | Normal | ISO IN urb sometimes completes with less than full data / incomplete frame | tnt | 09/15/2022 12:34 PM | |
| 6412 | E1/T1 Hardware Interface (including icE1usb) | Support | New | Normal | No alignment | tnt | 03/27/2024 01:46 PM | |
| 64 | Miscellaneous Projects | Bug | New | Normal | osmo-bts-amp: 2.2uF capacitors next to PA need to be 0603, not 0805 | tnt | 02/21/2016 04:48 PM | |
| 5709 | E1/T1 Hardware Interface (including icE1usb) | Feature | New | Normal | rs422: Merge as much of the firmware into master to avoid separate branch | tnt | 10/13/2022 06:49 PM | Related to #5709 |
| 5710 | E1/T1 Hardware Interface (including icE1usb) | Feature | New | Normal | rs422: Merge as much of the gateware in master as possible | tnt | 10/13/2022 06:53 PM | Related to #5710 |
| 5708 | E1/T1 Hardware Interface (including icE1usb) | Bug | New | Normal | rs422: Support runtime re-init of the GPS receiver | tnt | 10/13/2022 06:46 PM | Related to #5708 |
| 5171 | OsmocomBB | Bug | Feedback | Normal | ccch_scan failed | thor123 | 06/09/2021 12:06 AM | |
| 5918 | osmo-fl2k | Bug | New | Normal | -flto broken in release | steve-m | 12/20/2023 08:43 PM | |

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|---|---|---|---|---|---|---|---|---|
| 4367 | rtl-sdr | Support | New | Normal | "Communications Toolbox Support Package for RTL-SDR Radio" from "Mathworks Matlab" appears to be with broken links? | steve-m | 01/21/2020 08:52 PM | |
| 6413 | rtl-sdr | Bug | New | Normal | Incorrect Debian/Debian-like binary packages | steve-m | 03/22/2024 05:09 PM | |
| 3315 | rtl-sdr | Feature | New | Normal | review and possibly apply patches from debian package | steve-m | 06/03/2018 01:17 PM | |
| 5922 | rtl-sdr | Bug | New | Normal | rtl_sdr bytes_to_read wraparound for n > 2**31 | steve-m | 03/20/2023 10:16 AM | |
| 4758 | rtl-sdr | Bug | New | Normal | rtl_tcp no longer works on macos 10.15 via macports | steve-m | 04/30/2023 11:59 AM | |
| 6005 | rtl-sdr | Bug | New | Normal | rtl-test and rtl-sdr exit code=-5 when running on Windows 10 WSL and Ubuntu | steve-m | 10/18/2023 05:45 PM | |
| 5831 | OsmocomBB | Bug | New | Normal | SE K2x0i: built-in SIM reader is not working | steve-m | 12/16/2022 12:03 AM | |
| 5291 | rtl-sdr | Feature | New | Normal | Ship the udev rules upstream | steve-m | 11/05/2021 11:04 AM | |
| 5220 | rtl-sdr | Bug | New | Normal | Undefined reference to libusb_dev_mem_free | steve-m | 08/31/2021 09:21 AM | |
| 6012 | rtl-sdr | Bug | New | Normal | Update wiki for macos build | steve-m | 05/01/2023 02:38 AM | |
| 5850 | SDR (Software Defined Radio) | Bug | New | Normal | OBS mingw builds not updated since 2019 | roox | 01/04/2023 12:15 PM | |
| 3474 | OsmoBSC | Bug | Feedback | Normal | SDCCH not released if Radio Link Failure / Sending Connection Failure: cause = 0x001 Experienced in osmo-bsc and osmo-bts-trx | ron.menez@entropysolution.com | 10/05/2020 09:33 PM | |
| 6231 | OsmoTRX | Feature | New | Normal | add support / calibration values for AntSDR E200 | roh | 10/21/2023 03:25 PM | |
| 3227 | Cellular Network Infrastructure | Feature | New | Normal | general idea: separate GSUP spec document | roh | 12/01/2019 09:26 AM | Is duplicate of #3227 |
| 5276 | SIMtrace 2 | Feature | Stalled | Normal | jenkins CI integration like for osmo-ccid-firmware | roh | 11/14/2022 05:24 PM | Related to #5422 |
| 1524 | OsmoPCU | Bug | Feedback | Normal | PACCH on the wrong timeslot | roh | 10/19/2021 11:50 AM | Related to #1524,Related to #1524,Related to #1524,Related to #2709,Related to #1524,Related to #1524,Related to #3014 |
| 6198 | Cellular Network Infrastructure | Bug | In Progress | Normal | Patch releases for September 2023 Osmocom CNI releases | roh | 12/19/2023 01:29 PM | Related to #6253 |
| 4534 | Ericsson RBS 6xxx | Support | Stalled | Normal | Take pictures of RBS6k gear for documentation | roh | 05/20/2020 03:19 PM | |
| 4942 | gr-osmosdr | Bug | New | Normal | XTRX: Unable to compile due to error | RFNOD | 01/12/2021 08:29 PM | |
| 6416 | E1/T1 Hardware Interface (including icE1usb) | Support | Feedback | Normal | Serial debug tty port speed | pfassberg | 03/22/2024 06:52 PM | |
| 5839 | OsmoGSMTester | Feature | New | Normal | Ability to switch off the osmo-trx machine | pespin | 12/20/2022 05:43 PM | |

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|---|---|---|---|---|---|---|---|---|
| 5122 | OsmoPCU | Feature | New | Normal | Choose SBA allocation offset based on AGCH queue load in the BTS | pespin | 04/20/2021 12:51 PM | Related to #5122 |
| 4867 | OsmoPCU | Bug | Stalled | Normal | Cinterion BGS2T failing to attach (no Attach Complete ever sent) | pespin | 11/30/2020 09:48 AM | |
| 3622 | libosmo-abis | Bug | New | Normal | Clear API mess in sign_link_up callback | pespin | 10/02/2018 07:34 PM | |
| 6148 | OsmoDia2GSUP | Bug | New | Normal | config file not installed not used by systemd service in debian | pespin | 10/18/2023 03:21 PM | |
| 4366 | OsmoTRX | Bug | New | Normal | Create testsuite to test osmo-bts-trx+osmo-trx under high channel load (w/ RACH correlation) | pespin | 01/15/2020 01:59 PM | Related to #4366 |
| 6356 | libosmo-sccp + libosmo-sigtran | Bug | New | Normal | DLGLOBAL ERROR Trying to dispatch event 17 to non-existent FSM instance! (osmo_ss7_as.c:118) | pespin | 02/08/2024 10:27 PM | |
| 5503 | OsmocomBB | Feature | Feedback | Normal | expose GPRS user plane via tun device | pespin | 08/28/2023 10:38 PM | Related to #6115 |
| 6212 | Linux Kernel GTP-U | Bug | In Progress | Normal | GTP extension headers | pespin | 10/18/2023 03:03 PM | Related to #6223 |
| 4161 | OsmoGGSN (former OpenGGSN) | Bug | New | Normal | Implement pdp idle timer | pespin | 08/20/2019 06:30 PM | Related to #4161 |
| 6377 | erlang/osmo_ss7 | Bug | Feedback | Normal | ipa: Failure decoding ipa frames split between several tcp packets | pespin | 02/28/2024 03:00 PM | |
| 6125 | OsmocomBB | Bug | New | Normal | LLC GIA/GEA (auth/encryption) not yet tested | pespin | 08/28/2023 10:32 PM | |
| 3929 | OsmoPCU | Bug | New | Normal | Missing PCU_Tests.ttcn link adaptation tests | pespin | 06/17/2020 08:32 AM | Related to #3929 |
| 6115 | OsmocomBB | Feature | Feedback | Normal | modem: MTU not set properly on tun iface | pespin | 12/08/2023 05:48 PM | Related to #6115,Related to #6298 |
| 5501 | OsmocomBB | Feature | Stalled | Normal | MS-side GPRS Mobility Management (GMM) + Session Management (SM) | pespin | 09/14/2023 04:03 PM | Related to #5501,Related to #5502,Related to #5504,Related to #5505 |
| 5502 | OsmocomBB | Feature | Stalled | Normal | MS-side LLC implementation | pespin | 09/14/2023 03:59 PM | Related to #5502,Related to #5502 |
| 3560 | OsmoGSMTester | Bug | Stalled | Normal | nanoBTS multiTRX tests in osmo-gsm-tester Prod setup failing | pespin | 09/04/2019 09:16 AM | Related to #3560,Related to #3560,Related to #3628,Is duplicate of #3475 |
| 5398 | OsmoSGSN | Bug | New | Normal | Null pointer access at "uectx" in ranap_iu_tx | pespin | 01/10/2022 01:14 PM | |
| 4542 | OsmoGSMTester | Bug | Stalled | Normal | ofono: crash in drivers/qmimodem/gprs.c:extract_ss_info() | pespin | 07/30/2021 10:30 AM | |
| 6437 | libosmocore | Bug | Feedback | Normal | osmo_io_ops segmentation_cb missing parameter holding state | pespin | 04/19/2024 10:17 AM | |

| # | Project | Tracker | Status | Priority | Subject | Assignee | Updated | Related issues |
|---|---|---|---|---|---|---|---|---|
| 4364 | OsmoBTS | Bug | New | Normal | osmo-bts-trx configured with 2 TRX and osmo-trx with 1 TRX -> bad behavior | pespin | 07/06/2020 07:16 PM | |
| 4065 | OsmoMSC | Feature | New | Normal | osmo-msc:  Support instructing MSC_MGW to use Osmux  between 2 endp/call-leg of same voice call | pespin | 06/19/2019 04:54 PM | Related to #4065 |
| 6118 | OsmoPCU | Bug | New | Normal | osmo-pcu assigns multi-slot TBFs over PACCH to MS with unknwon ms_class | pespin | 09/22/2023 02:33 PM | |
| 5227 | OsmoPCU | Bug | New | Normal | osmo-pcu: Attempt recovery of TBF when one of its assigned PDCH TS becomes disabled | pespin | 10/18/2021 10:12 AM | |
| 4947 | OsmoPCU | Bug | Stalled | Normal | osmo-pcu: Handling for Pkt Resource Req using Global TFI not implemented | pespin | 12/22/2022 01:04 PM | |
| 5827 | OsmoPCU | Feature | New | Normal | osmo-pcu: Hardcoded limit of maximum number of 8 TRX per BTS | pespin | 12/16/2022 11:55 AM | |
| 5309 | OsmoPCU | Bug | New | Normal | osmo-pcu: Support rejecting multiple TBFs upon tx of Packet Access Reject | pespin | 11/15/2021 06:29 PM | |
| 3061 | OsmoTRX | Bug | New | Normal | OsmoTRX ARM chroot build jobs failing due to proot bug | pespin | 12/02/2019 04:54 PM | Related to #3766,Related to #4301 |
| 4092 | OsmoMGW | Feature | New | Normal | Osmux:  Support dynamic allocation of osmux sockets | pespin | 08/10/2022 07:50 AM | Related to #4092 |
| 4091 | Cellular Network Infrastructure | Feature | New | Normal | Osmux: Make sure all handover types work fine if a call leg is using Osmux between BSC and MSC. | pespin | 06/08/2020 07:08 PM | |
| 6045 | osmo-ePDG - VoWifi Evolved Packet Data Gateway | Bug | Feedback | Normal | report erlang diameter problems to the diameter compiler repo. | pespin | 03/07/2024 04:16 PM | |
| 6127 | OsmoHNBGW | Feature | Feedback | Normal | Submit RAB Modification Req towards HNB to udpate its peer IuUP address if MGW changed it | pespin | 11/29/2023 06:45 PM | |
| 44 | OsmoSGSN | Bug | New | Normal | TLLI clash possible | pespin | 02/06/2021 01:31 PM | |
| 5045 | Cellular Network Infrastructure | Feature | New | Normal | write libversion "major" on build files automatically based on LIBVERSION | pespin | 02/24/2021 01:14 PM | |
| 6103 | Linux Kernel GTP-U | Feature | Feedback | Normal | move from 1:1 relationship of UDP socket and net-device to a N:M relationship | pablo | 10/06/2023 10:49 AM | Related to #6106 |
| 4447 | OsmoMGW | Bug | New | Normal | DSCP value should be a 6 bit field | osmith | 03/09/2020 04:50 PM | Related to #4447 |
| 5809 | Cellular Network Infrastructure | Bug | Feedback | Normal | applications disrespect potentially VTY-configured tcp/telnet port | osmith | 10/31/2023 09:34 AM | |
| 3636 | OsmoMSC | Feature | New | Normal | detailed call statistics (with rate counters) | osmith | 10/08/2018 11:14 AM | Related to #3636 |
| 5685 | Cellular Network Infrastructure | Bug | Feedback | Normal | Dropping debian 10 (buster) | osmith | 04/04/2023 10:10 AM | Related to #5685,Related to #5685 |
| 6386 | Core testing infrastructure | Bug | In Progress | Normal | eclipse-titan 9.0.0 not building in debian unstable | osmith | 03/04/2024 02:10 PM | |
| 4167 | OsmoMSC | Bug | Feedback | Normal | Event VLR_ULA_E_ID_IMEISV not permitted | osmith | 09/04/2019 08:13 PM | |

| # | Project | Tracker | Status | Priority | Subject | Assignee | Updated | Related issues |
|---|---|---|---|---|---|---|---|---|
| 4070 | OsmoBSC | Bug | Stalled | Normal | Implement IPA PING/PONG mechanism on RSL and OML | osmith | 09/30/2020 08:13 PM | Related to #5785 |
| 6232 | libosmocore | Bug | New | Normal | jenkins should give all libosmocore config options a try | osmith | 10/22/2023 04:16 PM | |
| 6324 | OsmoBSC | Bug | New | Normal | Making a data call results in B0RKEN lchans | osmith | 01/05/2024 09:04 PM | |
| 2846 | OsmoMSC | Bug | New | Normal | MSC doesn't close SCCP/BSSAP connection on CM SERV REQ tht cannot be parsed | osmith | 07/18/2019 05:44 AM | |
| 3872 | OsmoBSC | Feature | New | Normal | osmo_scu_prim.conn_id should be picked from a distinct number space for outgoing and incoming N-CONNECT | osmith | 03/28/2019 08:06 PM | Blocks #3872 |
| 6149 | OsmoGSMTester | Bug | New | Normal | osmo-gsm-tester gerrit verifications currently broken, not running in docker | osmith | 08/25/2023 09:13 AM | |
| 1685 | osmo-sip-connector | Feature | In Progress | Normal | osmo-sip-connector: Review and define log statements and which info to include | osmith | 09/04/2019 09:31 AM | |
| 3792 | OsmoBTS | Bug | New | Normal | OsmoBTS doesn't include the "Starting Time" attribute in "Set BTS Attributes ACK" | osmith | 07/18/2019 06:05 AM | |
| 6188 | Cellular Network Infrastructure | Bug | New | Normal | Osmocom manuals have "draft" in debian packages of released versions | osmith | 09/21/2023 04:37 PM | |
| 2895 | OsmoMSC | Bug | New | Normal | OsmoMSC excessively uses LU Reject Cause 22 (congestion) | osmith | 07/18/2019 05:41 AM | |
| 2877 | OsmoMSC | Bug | New | Normal | OsmoMSC fails on bearer capability without octet 3a | osmith | 07/18/2019 05:45 AM | |
| 2951 | OsmoSGSN | Bug | Feedback | Normal | OsmoSGSN Accepts two MO L3 Messages with N(U) set to zero | osmith | 09/11/2019 12:24 PM | |
| 3356 | OsmoSGSN | Bug | In Progress | Normal | OsmoSGSN doesn't provide unique IDTAG_SERNR in IPA CCM | osmith | 04/09/2019 11:22 AM | Related to #3356,Related to #3356,Related to #3644 |
| 4834 | OsmocomBB | Bug | New | Normal | package cp210x-program as part of network:osmocom:{nightly,latest} | osmith | 10/26/2020 06:01 PM | |
| 3420 | libosmo-ranap | Bug | Stalled | Normal | ranap_transp_assoc_decode() decodes X.213 NSAP address headers as IP address | osmith | 07/17/2021 10:14 AM | |
| 6225 | rtl-sdr | Bug | New | Normal | rtl-sdr reelase tarballs missing from https://ftp.osmocom.org/releases/ | osmith | 10/19/2023 09:46 AM | |
| 5301 | Core testing infrastructure | Bug | Stalled | Normal | Run TTCN3 docker tests with sanitizer enabled | osmith | 03/20/2024 09:28 AM | Related to #5302 |
| 3417 | Cellular Network Infrastructure | Bug | New | Normal | show asciidoc counters does not show all the counters available | osmith | 12/01/2019 09:28 AM | Related to #3417,Related to #4848 |
| 4163 | OsmoHLR | Bug | New | Normal | Subscriber on demand: "Error while deleting subscriber data for IMSI" after changing network access mode from cs+ps back to none | osmith | 08/22/2019 01:41 PM | |

| # | Project | Tracker | Status | Priority | Subject | Assignee | Updated | Related issues |
|---|---|---|---|---|---|---|---|---|
| 5492 | OsmoBSCNAT | Bug | New | Normal | Support MSC pooling | osmith | 04/11/2022 08:19 AM | |
| 2501 | OsmoSGSN | Bug | In Progress | Normal | suspected problem with unanswered neighbor solicitation | osmith | 09/11/2019 12:58 PM | |
| 5279 | OsmoMGW | Feature | New | Normal | systemd service / unit for multiple osmo-mgw on one machine | osmith | 10/25/2021 11:41 AM | |
| 6295 | OsmoSGSN | Bug | New | Normal | TMSI realloc complete leads to SecurityModeReject | osmith | 12/07/2023 03:15 PM | |
| 5153 | OsmoHNBGW | Feature | In Progress | Normal | support hnbgw co-located GTP-U proxy (UPF) | neels | 11/15/2022 09:54 AM | Related to #5154,Related to #5153 |
| 4700 | libosmocore | Bug | Feedback | Normal | 'socket' C test fails when there is no IPv6 | neels | 03/24/2021 12:33 PM | |
| 6431 | OsmoHNBGW | Bug | New | Normal | (coverity) uninitialized asn.1 state / overwriting asn.1 state in HNBAP | neels | 04/04/2024 11:08 PM | |
| 3644 | OsmoHLR | Feature | New | Normal | allow arbitrary bytes in Global Title (GT), a.k.a. the VLR,SGSN's identification towards the HLR | neels | 12/01/2019 10:02 AM | Related to #3644,Related to #3644 |
| 6217 | OsmoMSC | Bug | Feedback | Normal | Bearer Capability mismatch in MT SETUP | neels | 10/10/2023 10:17 PM | |
| 5188 | Cellular Network Infrastructure | Bug | New | Normal | BSSMAP Cell Identifier IE vs. Cell Identifier List IE: difference in allowed cell id types | neels | 08/23/2022 04:24 PM | |
| 3735 | OsmoMSC | Bug | Stalled | Normal | call arriving during another call has no voice | neels | 06/18/2019 09:18 PM | |
| 4268 | Distributed GSM | Bug | In Progress | Normal | duplicate SMS when SMPP handler sends back to the originating MSC | neels | 06/08/2020 03:11 PM | |
| 2781 | OsmoBSC | Feature | Feedback | Normal | Extend OsmBSC TTCN-3 test coverage regarding resource leaks | neels | 03/25/2022 05:56 AM | Related to #2781,Related to #2781,Related to #5355,Related to #5337 |
| 4621 | OsmoBSC | Support | New | Normal | feedback: osmo-bsc modifies the LAI in LU Accept messages, and the MM info data | neels | 02/06/2021 09:50 AM | |
| 4842 | libosmocore | Bug | In Progress | Normal | gsm0408 test fails on several architectures | neels | 08/23/2022 04:38 PM | |
| 2795 | OsmoMSC | Feature | New | Normal | Handle UTRAN_CLSM_CHG in MSC | neels | 04/30/2018 12:06 PM | Related to #3043 |
| 3637 | OsmoBSC | Bug | Feedback | Normal | handover decision 2: properly check available codecs | neels | 10/09/2018 09:45 AM | Related to #3637,Related to #3637 |
| 3483 | OsmoBSC | Feature | New | Normal | handover decision: if rxlev is ok but rxqual is bad, move from TCH/H to TCH/F | neels | 10/16/2018 01:53 PM | Related to #3483 |
| 5904 | OsmoHNBGW | Feature | New | Normal | HNBAP Register Request handling does checks that seem to make no sense | neels | 09/01/2023 05:00 AM | |

| # | Project | Tracker | Status | Priority | Subject | Assignee | Updated | Related issues |
|---|---|---|---|---|---|---|---|---|
| 3002 | OsmoBSC | Bug | New | Normal | HO2: handover decision for dynamic timeslots | neels | 10/28/2020 08:46 PM | Related to #1606,Related to #1608,Blocks #3002 |
| 5917 | libosmo-sccp + libosmo-sigtran | Feature | Feedback | Normal | immediately detect SCTP SHUTDOWN in SCCP link / in SCCP user / in active SCCP connections | neels | 03/20/2023 10:23 AM | |
| 3620 | OsmoMSC | Feature | Stalled | Normal | Implement TTCN-3 testsuite for Inter-MSC HO | neels | 09/04/2019 09:08 AM | |
| 3656 | OsmoBSC | Feature | New | Normal | inter-BSC handover outgoing: compose Cell Identifier List from several ARFCN+BSIC | neels | 06/08/2020 07:08 PM | Related to #3656 |
| 4560 | OsmoBSC | Bug | New | Normal | inter-BSC HO: target cell fails when there is no TCH, only dynamic TCH/F_PDCH timeslots | neels | 05/20/2020 09:00 PM | |
| 3069 | OsmoMSC | Feature | New | Normal | investigate multiple CM Service Request on the same conn | neels | 10/28/2020 08:36 PM | Is duplicate of #3069 |
| 5197 | OsmoMSC | Bug | New | Normal | msc_i Unimplemented msg type: HANDOVER PERFORMED | neels | 08/23/2022 04:05 PM | |
| 5876 | OsmoHNBGW | Bug | New | Normal | on HNBAP HNB Register, clear previous UE state if any | neels | 03/20/2023 01:27 PM | |
| 4721 | OsmoMSC | Bug | In Progress | Normal | osmo-msc creates evil-twin entries in the VLR when an already attached IMSI does a LU by an unknown TMSI (was: MSC_Tests.TC_lu_by_tmsi_noauth_unknown fails sporadically locally) | neels | 03/26/2024 03:02 AM | Related to #4721 |
| 6151 | OsmoMSC | Feature | Feedback | Normal | osmo-msc: Ability to configure (VTY) the AMR(-WB) formats used in RAB-Assignment-Req | neels | 08/30/2023 08:16 PM | |
| 4476 | IMSI Pseudonymization | Feature | Stalled | Normal | OsmoHLR: support IMSI pseudo in location update | neels | 05/27/2020 01:11 PM | Blocks #4477 |
| 2872 | OsmoMSC | Bug | Feedback | Normal | OsmoMSC doesn't check if CIPHER MODE COMPLETE contains cipher that matches REQUEST | neels | 07/29/2019 01:15 PM | |
| 2788 | OsmoMSC | Feature | New | Normal | OsmoMSC should handle CM Service Abort message | neels | 01/04/2018 10:37 AM | |
| 6319 | Osmo-CC | Feature | New | Normal | protocol version should have a defined end marker | neels | 01/10/2024 01:31 PM | |
| 5177 | osmo-sip-connector | Bug | New | Normal | respect dynamic RTP payload types of external SIP | neels | 08/23/2022 04:26 PM | Related to #5177,Related to #5177 |
| 6318 | OsmoBSC | Bug | Feedback | Normal | Show lchan shows wrong number of channels for TCH | neels | 12/25/2023 01:01 AM | |
| 4494 | IMSI Pseudonymization | Feature | New | Normal | Specification: Add bibliography | neels | 05/27/2020 01:11 PM | |
| 4493 | IMSI Pseudonymization | Feature | New | Normal | Specification: Cover 2G, 3G and 4G separately | neels | 05/27/2020 01:11 PM | |
| 4495 | IMSI Pseudonymization | Feature | New | Normal | Specification: More references | neels | 05/27/2020 01:11 PM | |

| # | Project | Tracker | Status | Priority | Subject | Assignee | Updated | Related issues |
|---|---|---|---|---|---|---|---|---|
| 6185 | Core testing infrastructure | Bug | New | Normal | Submit titan.ProtocolEmulations.SCCP patch upstream | neels | 09/20/2023 06:22 PM | |
| 4716 | OsmoBSC | Feature | Stalled | Normal | support handover between different codec types, like TCH/F FR1 <--> TCH/H HR1 | neels | 10/28/2020 08:22 PM | Related to #4717 |
| 3586 | OsmoBSC | Feature | New | Normal | support LCLS for inter-BSC handover | neels | 01/17/2019 04:18 PM | Related to #3586,Related to #3659 |
| 3110 | OsmoMSC | Bug | New | Normal | Test and possibly fix ID Request after Auth failure | neels | 09/30/2018 11:36 AM | |
| 3505 | OsmoBSC | Feature | New | Normal | ttcn3: test inter-BSC HO with encryption enabled | neels | 08/28/2018 06:38 PM | Related to #3505 |
| 5679 | libosmo-sccp + libosmo-sigtran | Feature | In Progress | Normal | unsupported SCCP user primitive N-PCSTATE.indication | neels | 02/18/2023 01:46 AM | |
| 4883 | Cellular Network Infrastructure | Bug | New | Normal | update OsmoNITB migration guide | neels | 12/01/2020 08:32 AM | |
| 5196 | OsmoMSC | Bug | New | Normal | Verify several "event not permitted" log lines in unit tests | neels | 08/23/2022 04:08 PM | |
| 4784 | OsmoMSC | Bug | New | Normal | wrong cause code (resources unavailable) in MO-to-MT call without response | neels | 10/08/2020 02:35 PM | |
| 4857 | osmo-clock-gen | Bug | Stalled | Normal | ₮LV9001IDBVR no longer in stock ag digikey | mschramm | 04/10/2021 10:22 PM | |
| 3711 | SIMtrace 2 | Feature | New | Normal | Add screw holes for permanent installations | mschramm | 11/01/2023 08:28 PM | |
| 4030 | OsmocomBB | Feature | In Progress | Normal | design breakout board for GTM900-B | mschramm | 01/05/2024 08:00 AM | Related to #4575,Related to #4610 |
| 5002 | M.2 (NGFF) WWAN modem USB breakout board | Feature | New | Normal | Ensure current return paths via M.2 connector are sufficient | mschramm | 03/23/2021 06:48 PM | |
| 4810 | osmo-clock-conv | Feature | New | Normal | horizontal DC input on rear side of PCB | mschramm | 10/15/2020 10:53 PM | |
| 4118 | SIMtrace 2 | Bug | New | Normal | VCC_PHONE strong pull on SIMtrace board | mschramm | 02/01/2023 12:16 PM | Related to #4118,Related to #4118 |
| 6192 | OP25 | Bug | New | Normal | Unable to host behind NGINX reverse proxy | max | 09/27/2023 01:56 AM | |
| 4593 | OP25 | Support | New | Normal | Link to samples on the wiki is dead | matt | 06/07/2020 06:53 PM | |
| 6282 | OCTOI - Osmocom Community TDM over IP | Bug | New | Normal | high BERT from laforge->divf->manawyrm | manawyrm | 12/03/2023 04:03 PM | Related to #6282 |
| 6396 | osmo-ePDG - VoWifi Evolved Packet Data Gateway | Bug | Feedback | Normal | add support for auth failure with resync | lynxis | 03/11/2024 10:19 AM | |
| 5632 | Core testing infrastructure | Bug | In Progress | Normal | better test result summary / notifications | lynxis | 08/31/2022 11:58 AM | |
| 5758 | OsmoDia2GSUP | Feature | New | Normal | bring osmo_dia2gsup to production quality | lynxis | 03/30/2023 08:13 PM | |

| # | Project | Tracker | Status | Priority | Subject | Assignee | Updated | Related issues |
|---|---|---|---|---|---|---|---|---|
| 5415 | SIMtrace 2 | Bug | New | Normal | cardem: watchdog triggers firmware reset | lynxis | 02/15/2022 08:07 PM | |
| 5657 | OsmoDia2GSUP | Bug | Feedback | Normal | dia2gsup not (re-)connecting to HLR if osmo-hlr is down | lynxis | 11/11/2023 06:20 PM | |
| 4844 | OsmoPCU | Bug | Feedback | Normal | do not resent DL assignment on RACH | lynxis | 07/28/2023 02:44 PM | |
| 6435 | osmo-ePDG - VoWifi Evolved Packet Data Gateway | Bug | In Progress | Normal | epdg: fix inter-UE traffic | lynxis | 04/08/2024 06:55 PM | |
| 5757 | OsmoDia2GSUP | Feature | Feedback | Normal | functional test suite for osmo_dia2gsup | lynxis | 09/06/2023 02:48 PM | |
| 4520 | osmo-gbproxy | Feature | In Progress | Normal | gbproxy: Redundancy between NS-VCs (BSS Side) | lynxis | 02/19/2021 04:50 PM | Related to #4520 |
| 4600 | OsmoSGSN | Bug | Feedback | Normal | gmm_fsm{CommonProcedureInitiated}: Event E_GMM_COMMON_PROC_INIT_REQ not permitted | lynxis | 06/08/2020 06:08 PM | Related to #4604 |
| 4601 | OsmoSGSN | Bug | Feedback | Normal | gmm_fsm{Registered.SUSPENDED}: Event E_GMM_COMMON_PROC_INIT_REQ not permitted | lynxis | 06/08/2020 06:11 PM | Related to #4604 |
| 5179 | libosmocore | Bug | New | Normal | gprs_ns2: use refcounting for the NSE | lynxis | 06/13/2021 03:08 AM | |
| 5230 | OsmoHNBGW | Bug | In Progress | Normal | hnbgw fails to connect to the sgsn | lynxis | 10/14/2021 07:50 AM | |
| 6158 | OsmoHNBGW | Bug | New | Normal | IMSI not shown in "show ue all" | lynxis | 08/29/2023 03:11 PM | |
| 6137 | OsmoHNBGW | Feature | New | Normal | ip.access Nano3G | lynxis | 10/21/2023 07:24 PM | |
| 4604 | OsmoSGSN | Bug | New | Normal | Lots of "Unusual event" | lynxis | 06/13/2020 06:19 PM | Related to #4604,Related to #4604,Related to #4604,Related to #4604 |
| 5208 | libosmocore | Bug | Feedback | Normal | ns2: add testcase for SNS Size with invalid tlv | lynxis | 02/12/2023 08:37 PM | |
| 5277 | libosmocore | Bug | New | Normal | ns2: Allow SNS-CONFIG PDUs from unknown endpoints during config procedure | lynxis | 10/22/2021 02:28 PM | |
| 5180 | libosmocore | Bug | In Progress | Normal | ns2: Document NS inspection/blocking commands | lynxis | 06/15/2021 01:10 PM | |
| 2189 | OsmoGSMTester | Bug | New | Normal | ofono: EC20: cannot send SMS | lynxis | 11/28/2017 04:21 PM | |
| 2237 | OsmoGSMTester | Bug | Feedback | Normal | ofono: Gobi modem: successful SMS delivery is evaluated as not successful | lynxis | 06/07/2018 02:08 PM | Related to #2237,Related to #2237,Blocks #2237 |
| 4845 | OsmoPCU | Bug | Feedback | Normal | only send content resolution if it's needed | lynxis | 07/28/2023 02:45 PM | |
| 6361 | osmo-ePDG - VoWifi Evolved Packet Data Gateway | Bug | Feedback | Normal | open5gs-upfd: Fix open5gs package assigning 1st IP address of the UE pool to the ogstun | lynxis | 04/22/2024 05:29 PM | Related to #6361 |
| 5507 | libosmocore | Feature | New | Normal | Optimize reset time after SGSN is restarted | lynxis | 03/31/2022 12:33 PM | |
| 6155 | OsmoDia2GSUP | Bug | Feedback | Normal | osmo_dia2gsup not setting Origin-State-Id Diameter AVP during Device-Watchdog-{Req,Answer} | lynxis | 11/11/2023 06:19 PM | |

| # | Project | Tracker | Status | Priority | Subject | Assignee | Updated | Related issues |
|---|---|---|---|---|---|---|---|---|
| 3403 | OsmoSGSN | Bug | New | Normal | osmo-sgsn doesn not connect properly with via SCCP when restarted | lynxis | 02/07/2021 12:57 PM | Related to #3403 |
| 4768 | OsmoBSC | Bug | New | Normal | pcu interface: add missing field ts, trx on rach indication | lynxis | 09/30/2020 08:10 PM | |
| 6215 | Cellular Network Infrastructure | Bug | New | Normal | Rebase open5gs pcrf_simple patches and submit upstream | lynxis | 10/18/2023 02:53 PM | |
| 6254 | OsmoDia2GSUP | Bug | In Progress | Normal | Reconnects of the ttcn3 aren't handled | lynxis | 11/11/2023 05:13 PM | |
| 5716 | libosmocore | Bug | New | Normal | Replace dynamic (DEAD) NSE if we receive an NS_RESET from a conflicting NSVC | lynxis | 10/17/2022 04:40 PM | |
| 6370 | osmo-ePDG - VoWifi Evolved Packet Data Gateway | Bug | In Progress | Normal | setup ims with kamailio | lynxis | 03/14/2024 09:01 PM | |
| 4602 | OsmoSGSN | Bug | Feedback | Normal | SGSN crash with "Assert failed mm->gb.llme == NULL gprs_sgsn.c:358" | lynxis | 02/26/2021 07:34 PM | Related to #4604,Related to #4605,Related to #4602 |
| 6363 | osmo-ePDG - VoWifi Evolved Packet Data Gateway | Bug | New | Normal | strongswan: Catch IKEv2 disconnects | lynxis | 02/17/2024 01:21 AM | |
| 6365 | osmo-ePDG - VoWifi Evolved Packet Data Gateway | Bug | New | Normal | strongswan: get the PDP type out of the IKE_AUTH/CFG_REQUEST | lynxis | 02/23/2024 03:29 AM | |
| 6364 | osmo-ePDG - VoWifi Evolved Packet Data Gateway | Bug | In Progress | Normal | strongswan: gsup: remove single request limitation | lynxis | 02/20/2024 05:59 PM | Related to #6366 |
| 6366 | osmo-ePDG - VoWifi Evolved Packet Data Gateway | Bug | New | Normal | strongswan: test if gsup_client will resend old requests on reconnect | lynxis | 02/18/2024 09:16 PM | Related to #6366 |
| 5889 | OsmoHLR | Bug | In Progress | Normal | subscriber data: send out correct PDP Info | lynxis | 09/01/2023 04:20 PM | |
| 5422 | SIMtrace 2 | Feature | In Progress | Normal | "cardem" continuous testing setup | laforge | 01/27/2022 12:22 PM | Related to #5422 |
| 4464 | libosmo-abis | Bug | In Progress | Normal | "osmo_rtp_socket_poll(): ERROR!" messages during normal osmo-bts usage | laforge | 02/06/2021 02:27 PM | Related to #4467 |
| 6291 | Osmocom Conferences (OsmoDevCon, OsmoCon, OsmoDevCall) | Bug | New | Normal | 2024 event bringing together FOSS projects related to mobile communications | laforge | 12/13/2023 08:54 PM | |
| 4249 | osmo-remsim | Feature | New | Normal | ability to explicitly provision an "empty SIM card slot" to a modem | laforge | 09/08/2021 07:48 PM | Related to #5216 |
| 4650 | OsmoBSC | Feature | New | Normal | Add BIG FAT error message in case OM2000 BTS fail to start up | laforge | 07/04/2020 07:30 PM | |

| # | Project | Tracker | Status | Priority | Subject | Assignee | Updated | Related issues |
|---|---|---|---|---|---|---|---|---|
| 4727 | libosmocore | Feature | Feedback | Normal | Add more distro/platform/archs to jenkins CI | laforge | 05/15/2023 09:48 AM | Is duplicate of #4789 |
| 1908 | osmo-qcdiag | Feature | New | Normal | add VTY interface to osmo-qcdiag | laforge | 01/12/2017 01:15 PM | |
| 6119 | pySim | Bug | In Progress | Normal | aram_get_config runs into an exception on a sysmocomSJA2 | laforge | 12/05/2023 05:26 PM | |
| 5938 | Retrocomputing | Feature | In Progress | Normal | assemble "fake parallel printer" | laforge | 09/13/2023 09:32 AM | |
| 5429 | OCTOI - Osmocom Community TDM over IP | Feature | New | Normal | authentication in TDMoIP protocol | laforge | 11/07/2022 05:29 PM | |
| 5891 | osmo-remsim | Bug | New | Normal | bankd: potential pthread deadlock reported by coverity | laforge | 02/03/2023 07:35 PM | |
| 5694 | OCTOI - Osmocom Community TDM over IP | Bug | Stalled | Normal | BERT testing | laforge | 12/31/2022 08:24 PM | |
| 5403 | OsmoMSC | Feature | New | Normal | Can't connect Call from 2G to 4G network | laforge | 01/14/2022 10:41 PM | |
| 5464 | SIMtrace 2 | Bug | In Progress | Normal | cardem firmware unable to attach to card | laforge | 11/18/2022 06:41 PM | Related to #5464 |
| 5466 | OsmocomBB | Feature | New | Normal | CP2102N evaluation for burst_ind baudrate | laforge | 02/22/2022 07:17 PM | |
| 6317 | pySim | Bug | Stalled | Normal | data driven tests for TLV decoders | laforge | 02/15/2024 09:21 PM | |
| 5929 | Cellular Network Infrastructure | Feature | In Progress | Normal | document current (milestones of) nlnet funded projects; mention nlnet funding | laforge | 04/04/2023 10:05 AM | |
| 5442 | OCTOI - Osmocom Community TDM over IP | Feature | New | Normal | ensure sequence number covers longer duration than default PRI LOS timer | laforge | 02/06/2022 08:16 AM | |
| 5855 | Retronetworking | Feature | New | Normal | Establishing a German non-profit for retronetworking | laforge | 01/13/2023 11:59 AM | |
| 5691 | libosmo-abis | Feature | Stalled | Normal | Expose DAHDI statistics to prometheus | laforge | 01/05/2023 06:06 PM | |
| 3886 | osmo-remsim | Feature | New | Normal | expose ICCID or even IMSI of all cards on remsim-server | laforge | 05/08/2019 03:31 PM | Precedes #3886 |
| 5681 | Retronetworking | Bug | New | Normal | Figure out suitable connectors for EKSOS | laforge | 07/31/2023 10:22 AM | |
| 4692 | Core testing infrastructure | Feature | Stalled | Normal | finally implement testing of the actual voice audio path | laforge | 04/19/2021 06:27 PM | |
| 4430 | SIMtrace 2 | Bug | New | Normal | firmware can get in endless out-of-memory loop on OUT EP flood | laforge | 11/14/2022 11:46 PM | |
| 4521 | osmo-gbproxy | Feature | New | Normal | gbproxy: Redundancy between NS-VCs (SGSN Side) | laforge | 01/19/2021 05:24 PM | Related to #4959 |
| 4041 | SIMtrace 2 | Bug | New | Normal | implement SIMTRACE_CMD_BD_BOARD_INFO | laforge | 12/06/2019 01:38 PM | Related to #4041 |
| 2724 | OsmoBSC | Feature | New | Normal | Improve default timers | laforge | 01/04/2018 11:06 AM | Related to #2724 |
| 1460 | SIMtrace 2 | Feature | New | Normal | include some version information / negotiation in the USB protocol | laforge | 12/06/2019 01:39 PM | Related to #1461,Related to #4041 |

| # | Project | Tracker | Status | Priority | Subject | Assignee | Updated | Related issues |
|---|---|---|---|---|---|---|---|---|
| 2383 | OsmoPCU | Bug | New | Normal | incompatibility with some SGSNs during P-TMSI allocation | laforge | 07/04/2018 12:50 PM | |
| 5378 | erlang/osmo_ss7 | Bug | New | Normal | ipa: add support for client application | laforge | 01/05/2022 08:36 PM | |
| 4498 | osmo-uecups | Feature | New | Normal | IPv6 neighbor discovery | laforge | 04/17/2020 08:33 AM | |
| 5896 | libosmo-abis | Bug | Feedback | Normal | libosmo-abis built withtout --enable-e1d in deb and rpm packages | laforge | 02/07/2023 11:40 AM | Blocks #5896 |
| 5824 | osmo-e1d | Bug | Feedback | Normal | Line dead message in the log after start | laforge | 12/25/2023 01:43 PM | |
| 5614 | osmo-remsim | Feature | New | Normal | log also application-level errors | laforge | 07/11/2022 08:09 PM | |
| 6089 | pySim | Feature | Feedback | Normal | log the current file / operation during execeution of a script | laforge | 11/27/2023 04:37 PM | |
| 3371 | SIMtrace 2 | Feature | New | Normal | migrate to use arm-none-eabi build of libosmocore.git | laforge | 08/09/2018 12:14 PM | |
| 5124 | Cellular Network Infrastructure | Feature | Feedback | Normal | network:osmocom:nightly feed with "-O0" builds | laforge | 05/11/2023 11:11 AM | |
| 2807 | Z-Netz | Bug | Stalled | Normal | Obtain ZERBERUS software build[s] and manual[s] | laforge | 01/01/2020 01:51 PM | |
| 4645 | OsmoBSC | Bug | New | Normal | OM2K: "Sequence Error" due to too early iniitialization of RSL during BTS start | laforge | 07/04/2020 07:24 PM | |
| 4440 | OsmoBTS | Bug | New | Normal | osmo_bts_virtual doesn't detect if mobile/virtphy is gone | laforge | 03/07/2020 03:44 PM | |
| 4149 | libosmocore | Bug | New | Normal | osmo_fsm allows event names to have spaces in them | laforge | 01/25/2022 09:53 AM | |
| 6387 | OsmoMGW | Feature | In Progress | Normal | osmo_io / io_uring support for RTP/RTCP | laforge | 03/26/2024 06:45 PM | Related to #6387 |
| 4469 | OsmoTRX | Bug | New | Normal | osmo-trx-uhd is sending UDP packets to port 49600 at various addresses on startup | laforge | 06/13/2020 06:07 PM | |
| 3020 | OsmoBSC | Bug | New | Normal | OsmoBSC PCU socket interface not yet tested by BSC_Tests.ttcn | laforge | 05/21/2019 06:29 PM | |
| 3566 | Misc Hardware Projects | Feature | Stalled | Normal | power supply / battery / charge for our GSM-R OPS 940 | laforge | 04/02/2023 09:05 AM | |
| 2259 | libosmo-sccp + libosmo-sigtran | Bug | New | Normal | problem with local reference | laforge | 07/19/2017 04:25 PM | |
| 4683 | OsmoBSC | Bug | New | Normal | properly report OM2000 bring-up problems | laforge | 07/30/2020 06:50 AM | Related to #4683,Related to #6378 |
| 6219 | Retronetworking | Feature | New | Normal | Publish pics/videos for EWSD rescue/move | laforge | 10/17/2023 02:10 PM | |
| 5268 | pySim | Feature | New | Normal | pySim-shell: GlobalPlatform SCP02 support | laforge | 10/14/2021 07:12 PM | Related to #5268 |
| 5630 | pySim | Bug | Stalled | Normal | pySim-trace doesn't support decoding classic SIM cards (TS 11.11 / TS 51.011) | laforge | 07/24/2022 11:06 AM | |

| # | Project | Tracker | Status | Priority | Subject | Assignee | Updated | Related issues |
|---|---|---|---|---|---|---|---|---|
| 3884 | osmo-remsim | Feature | New | Normal | redesign bankd thread architecture | laforge | 05/08/2019 03:31 PM | Related to #5527,Precedes #3885,Precedes #3886 |
| 3885 | osmo-remsim | Feature | New | Normal | remsim-server should expose status information | laforge | 04/01/2019 07:23 PM | Precedes #3885 |
| 4917 | osmo-e1d | Feature | Stalled | Normal | reporting of alarms/errors known to the icE1usb | laforge | 04/10/2022 10:36 AM | |
| 1762 | libosmocore | Bug | New | Normal | Review LAPD code for race conditions regarding state, particularly in RELEASE | laforge | 03/24/2021 12:37 PM | Related to #1760,Related to #1761,Related to #1982,Related to #2694 |
| 5826 | SIMtrace 2 | Feature | Stalled | Normal | SAM4S4BA support in firmware | laforge | 01/31/2023 08:06 PM | Related to #5826 |
| 4341 | BBS-Revival | Feature | New | Normal | setup for telnet access to legacy BBS software which doesn't have telnet/tcp support | laforge | 10/03/2022 12:09 PM | |
| 3569 | OsmoBTS | Bug | Stalled | Normal | Some phones don't receive SMSCB | laforge | 01/14/2019 03:32 PM | |
| 4104 | libosmocore | Bug | New | Normal | support for KASME generation | laforge | 07/12/2019 10:15 AM | Related to #4105 |
| 4105 | libosmocore | Feature | New | Normal | Support for LTE key derivation functions | laforge | 07/13/2019 02:07 AM | Related to #4105 |
| 4431 | osmo-clock-gen | Bug | In Progress | Normal | TC1 (TC2050) pin 4 should connect to VDD network, not VDD_3V3 | laforge | 07/20/2020 10:42 PM | |
| 6023 | Core testing infrastructure | Feature | Stalled | Normal | test rack/lab power management software with usage/reference counting | laforge | 10/18/2023 05:42 PM | |
| 5127 | pySim | Feature | New | Normal | tool for "re-formatting" [sysmocom] cards in tester | laforge | 10/14/2021 07:16 PM | Related to #5127 |
| 5633 | osmo-clock-gen | Feature | New | Normal | towards a first osmo-clock-gen production batch | laforge | 07/26/2022 12:39 PM | |
| 6392 | Osmocom Conferences (OsmoDevCon, OsmoCon, OsmoDevCall) | Feature | New | Normal | video recording / c3voc at OsmoDevCon 2024 | laforge | 03/06/2024 12:08 PM | |
| 6218 | Retronetworking | Feature | New | Normal | write article/report on EWSD rescue for IGHFT / Fernmeldemuseum Dresden | laforge | 10/17/2023 02:11 PM | |
| 6153 | OsmoHNodeB | Support | Feedback | Normal | List of supported FemtoCell | Kira | 08/28/2023 02:24 PM | |
| 4922 | OsmoBSC | Feature | In Progress | Normal | Implement MS Power Control | keith | 11/04/2021 06:37 PM | |
| 2487 | OsmoMSC | Feature | Stalled | Normal | MSC side of LCLS (local call local switching) as per the 3GPP specs | keith | 10/17/2022 04:31 AM | Related to #1602,Related to #3659,Related to #3691,Related to #3618,Related to #3294,Related to #5712,Blocks #2487 |

| # | Project | Tracker | Status | Priority | Subject | Assignee | Updated | Related issues |
|---|---|---|---|---|---|---|---|---|
| 5986 | OsmoBSC | Bug | New | Normal | PAGING impossible until CCCH LOAD IND is received from the BTS | keith | 03/31/2023 09:13 AM | |
| 4856 | OsmoPCU | Bug | Feedback | Normal | PCU is running but has no NS connection and does not retry. | keith | 10/18/2021 10:02 AM | |
| 5770 | SIMtrace 2 | Bug | Feedback | Normal | simtrace2 firmware ignores any but the first  USB message sent by simtrace2-list after a reset | jtavares | 11/23/2022 04:01 AM | |
| 5247 | Osmocom Analog | Bug | New | Normal | AMPS Segmentation fault | jolly | 10/04/2021 11:48 PM | |
| 6152 | OsmoMSC | Bug | In Progress | Normal | built-in MNCC: forward the @Low layer compatibility I@ IE to the called subscriber | jolly | 12/20/2023 12:52 PM | Related to #6152 |
| 3672 | Osmocom Analog | Feature | New | Normal | Custom announcement and tones | jolly | 02/01/2021 10:25 AM | |
| 5774 | OsmoBTS | Bug | Feedback | Normal | Drop pcu_sock conn if queue length grows up to a given threshold | jolly | 12/17/2023 12:59 PM | |
| 5991 | OsmoBSC | Bug | New | Normal | Forward TSNS-PROV bsc->[bts->]pcu | jolly | 12/17/2023 12:59 PM | Related to #5991 |
| 6136 | OsmoMGW | Feature | Stalled | Normal | libosmo-mgcp-client should ignore unknown codecs in SDP | jolly | 12/07/2023 06:27 AM | Related to #6136,Related to #6177,Blocks #6136 |
| 5335 | OsmoBSC | Bug | In Progress | Normal | osmo-bsc: Add VTY commands to configure T3.. and N3.. timers counters for gprs | jolly | 12/17/2023 12:59 PM | Related to #5915,Related to #5991 |
| 5805 | SIMtrace 2 | Feature | New | Normal | SIM Trace 2 Build for Windows | jelson_simEng | 04/02/2023 09:56 AM | |
| 3747 | UmTRX | Feature | New | Normal | LMS6002D RX Gain Control | ipse | 01/08/2019 09:46 AM | |
| 1506 | UmTRX | Feature | New | Normal | Move to the latest stable UHD | ipse | 02/21/2016 04:47 PM | |
| 1509 | UmTRX | Feature | New | Normal | Store calibration values in EEPROM | ipse | 02/21/2016 04:47 PM | |
| 4098 | gr-osmosdr | Bug | New | Normal | [BladeRF micro] Arguments set in osmocom Sink and Source are not passed to libbladerf | horiz0n | 07/18/2019 05:35 AM | |
| 3512 | gr-osmosdr | Support | New | Normal | Bug #3462 on Arch Linux; gr-osmosdr install fails | horiz0n | 01/26/2019 06:10 PM | |
| 3855 | gr-osmosdr | Bug | New | Normal | Cannot build gr-osmosdr with Gnuradio 3.8 | horiz0n | 07/13/2020 10:05 PM | |
| 3882 | gr-osmosdr | Bug | New | Normal | Cannot compile gr-osmosdr! | horiz0n | 07/18/2019 05:35 AM | |
| 3462 | gr-osmosdr | Bug | New | Normal | gr-osmosdr installation bladerf conversion errors | horiz0n | 07/18/2019 05:35 AM | |
| 3414 | gr-osmosdr | Feature | New | Normal | Include Airspy serial number in connection string. | horiz0n | 07/24/2018 04:52 AM | |
| 3802 | gr-osmosdr | Feature | New | Normal | New release | horiz0n | 02/15/2019 07:22 AM | |
| 3592 | gr-osmosdr | Bug | New | Normal | rtl: Race Conditions | horiz0n | 07/18/2019 05:35 AM | |
| 6233 | libosmocore | Bug | Feedback | Normal | --enable-embedded build fails if pkg-config can't find some of the (disabled) dependencies | Hoernchen | 11/24/2023 04:15 PM | |

| # | Project | Tracker | Status | Priority | Subject | Assignee | Updated | Related issues |
|---|---|---|---|---|---|---|---|---|
| 4468 | OsmoTRX | Bug | Feedback | Normal | "RSSI offset" default of 0 is not useful | Hoernchen | 10/14/2020 02:40 PM | Related to #4468,Related to #4468,Related to #4583 |
| 4072 | libosmo-sccp + libosmo-sigtran | Bug | New | Normal | Implement IPA PING/PONG mechanism in libosmo-sigtran + | Hoernchen | 06/21/2019 02:51 PM | Related to #4072 |
| 5178 | OsmoTRX | Bug | New | Normal | LimeNET Micro clock error | Hoernchen | 09/15/2021 09:42 AM | |
| 6162 | libosmocore | Bug | Feedback | Normal | master build failure with clang-16 | Hoernchen | 11/18/2023 09:17 AM | |
| 6342 | OsmocomBB | Bug | Feedback | Normal | ms-sdr gprs performance | Hoernchen | 02/05/2024 05:00 PM | Related to #6342 |
| 6338 | OsmocomBB | Bug | Feedback | Normal | ms-sdr gprs startup issues | Hoernchen | 01/24/2024 03:58 PM | |
| 5214 | OsmoMGW | Feature | In Progress | Normal | osmo-mgw multithreading | Hoernchen | 08/31/2021 09:20 AM | |
| 3342 | OsmoTRX | Bug | Stalled | Normal | osmo-trx-lms: low tx output power level | Hoernchen | 04/06/2022 09:25 AM | Related to #3342,Blocks #3342 |
| 4776 | osmo-ccid-firmware | Bug | New | Normal | Reader does not answer to GET CLOCK FREQUENCIES command | Hoernchen | 10/03/2020 07:31 PM | |
| 4777 | osmo-ccid-firmware | Bug | New | Normal | Reader does not answer to GET DATA RATES command | Hoernchen | 10/14/2020 02:36 PM | |
| 5859 | OsmoTRX | Feature | New | Normal | remove non-neon and non-sse support | Hoernchen | 01/16/2023 10:17 PM | |
| 3815 | SIMtrace 2 | Bug | New | Normal | simtrace2 fails USB-IF CH9 test | Hoernchen | 05/12/2020 07:24 PM | |
| 1906 | osmo-qcdiag | Bug | Feedback | Normal | wireshark: fix decoding of (E)GPRS RLC/MAC frames | Hoernchen | 02/08/2021 08:07 PM | |
| 5639 | SIMtrace 2 | Bug | Feedback | Normal | No packet captured but only "Card state change:" | g1bbs | 09/20/2023 01:29 PM | |
| 6019 | OsmoBSC | Bug | New | Normal | "PCU version PCU socket has LOST connection connected" | fixeria | 10/18/2023 05:42 PM | |
| 5242 | OsmoBTS | Bug | Stalled | Normal | A-bis/RSL: CRCX ACK indicates '0.0.0.0' as the local/bind address | fixeria | 05/01/2022 01:15 PM | |
| 1526 | OsmoPCU | Feature | Stalled | Normal | Acquire/update timing advance (TA) | fixeria | 03/25/2021 12:04 PM | Related to #1545,Related to #1531,Related to #1524,Related to #3472,Related to #2977 |
| 6132 | OsmocomBB | Feature | New | Normal | Add MS_GPRS_Tests to osmo-ttcn3-hacks | fixeria | 10/04/2023 10:29 PM | Related to #6132 |
| 4801 | OsmoBTS | Bug | Stalled | Normal | BTS_Tests.TC_tch_sign_l2_fill_frame_dtxd fails | fixeria | 11/15/2023 08:32 AM | Related to #4801,Related to #5474 |
| 5570 | libosmocore | Bug | New | Normal | coding: decode in-band data in AMR's special DTX frames (SID_FIRST, SID_UPDATE, SID_ONSET) | fixeria | 05/24/2022 08:34 AM | Related to #5570 |
| 5749 | Cellular Network Infrastructure | Bug | New | Normal | configure.ac: default CFLAGS, LT_INIT adds "-g -O2" | fixeria | 01/31/2023 08:12 PM | |

| # | Project | Tracker | Status | Priority | Subject | Assignee | Updated | Related issues |
|---|---|---|---|---|---|---|---|---|
| 1545 | OsmoPCU | Feature | Stalled | Normal | continuous timing advance loop using PTCCH | fixeria | 03/24/2020 09:49 PM | Related to #1545,Related to #4102,Related to #4500,Blocks #1545 |
| 3521 | libosmocore | Feature | New | Normal | core/utils: engineering notation helpers | fixeria | 09/04/2018 08:32 PM | |
| 5665 | Core testing infrastructure | Bug | Stalled | Normal | ERROR: files left in build directory after distclean: ./tests/core | fixeria | 11/14/2023 12:39 PM | Related to #5665,Related to #5858 |
| 6349 | Cellular Network Infrastructure | Bug | Feedback | Normal | example configs missing in release tarballs | fixeria | 01/29/2024 04:04 PM | |
| 2514 | GSM Audio Pocket Knife | Bug | Stalled | Normal | GSM HR encoding result does not match the reference | fixeria | 04/03/2019 08:37 AM | |
| 5283 | OsmoTRX | Feature | New | Normal | Implement TRXDv2 support | fixeria | 10/27/2021 10:35 PM | Related to #5283 |
| 4731 | libosmocore | Bug | Stalled | Normal | LAPDm does not implement SAPI priorities between data link layers | fixeria | 08/28/2020 11:21 AM | Related to #4731,Related to #4731 |
| 6422 | OsmoBSC | Bug | Feedback | Normal | latest: BSC_Tests.TC_ctrl_location started fo fail on March 15th | fixeria | 04/02/2024 06:56 PM | |
| 5025 | OsmoBTS | Feature | New | Normal | Missing TTCN-3 coverage for the Timing Advance loop | fixeria | 07/02/2021 04:28 PM | |
| 4848 | OsmoBSC | Bug | Feedback | Normal | osmo-bsc user manual shows tables with per-bts counters three (!) times | fixeria | 03/06/2022 09:08 PM | Related to #4848,Related to #4848 |
| 4500 | OsmoBTS | Bug | Stalled | Normal | osmo-bts-{sysmo,oc2g,litecell15}: PTCCH/U is not enabled on PDCH timeslots | fixeria | 06/25/2020 04:48 PM | Related to #4500,Related to #4500,Related to #4501 |
| 5878 | pySim | Bug | New | Normal | pySim shell: version fails with DistributionNotFound | fixeria | 10/06/2023 09:03 AM | |
| 5696 | OsmoPCU | Bug | Stalled | Normal | RLC/MAC: poll timeout when assigning a multi-slot DL TBF | fixeria | 10/05/2022 11:01 AM | |
| 4006 | Cellular Network Infrastructure | Feature | Stalled | Normal | TRX protocol: wind of change | fixeria | 10/27/2021 10:22 PM | Related to #4006,Related to #4006,Related to #4006,Related to #4081,Related to #4658,Related to #4941,Related to #5283 |
| 3557 | OsmocomBB | Bug | New | Normal | trxcon: decoding errors after applying a new TCH mode | fixeria | 06/21/2019 11:56 AM | |
| 3666 | OsmocomBB | Feature | New | Normal | trxcon: Introduce VTY interface | fixeria | 02/26/2020 02:43 PM | Related to #3667 |

| # | Project | Tracker | Status | Priority | Subject | Assignee | Updated | Related issues |
|---|---|---|---|---|---|---|---|---|
| 4565 | OsmoHLR | Bug | New | Normal | TTCN-3 testsuite: mDNS_UDP: maximum number of open file descriptors is greater than FD_SETSIZE | fixeria | 06/17/2020 09:28 AM | |
| 5517 | OsmoBTS | Bug | New | Normal | ttcn3-bts-test: new sporadic test case failures | fixeria | 03/20/2023 11:45 PM | |
| 5952 | OsmoBTS | Bug | New | Normal | ttcn3-bts-test: TC_ho_physical_info fails | fixeria | 11/15/2023 08:23 AM | |
| 5953 | OsmoBTS | Bug | Feedback | Normal | ttcn3-bts-test: TC_ms_pwr_ctrl_{constant,pf_ewma} are failing | fixeria | 03/25/2024 05:19 PM | |
| 5340 | OsmoMSC | Bug | New | Normal | ttcn3-msc-test: more memory leaks | fixeria | 05/15/2022 04:47 PM | |
| 6426 | OsmoMSC | Bug | Feedback | Normal | ttcn3-msc-test: TC_mm_id_resp_no_identity fails sporadically | fixeria | 04/03/2024 06:49 PM | Related to #6426,Related to #6427 |
| 4941 | OsmoBTS | Feature | Stalled | Normal | VAMOS support in OsmoBTS | fixeria | 03/18/2022 01:19 AM | Related to #4941,Related to #4941,Blocks #4941 |
| 4797 | libosmocore | Bug | Feedback | Normal | vty: the output of 'show ns' command is confusing | fixeria | 10/23/2020 05:35 PM | Related to #4855,Related to #5085 |
| 4881 | OsmoBSC | Bug | Feedback | Normal | osmo-bsc with unixsocket to osmo-el2tpd fails to bring up rbs6k (dug20+rrus12) | firs | 01/01/2021 10:10 AM | |
| 6135 | OsmoHLR | Feature | Stalled | Normal | Implement routing of SMS-over-GSUP messages between connected MSC/VLRs and SMSCs | falconia | 01/09/2024 01:11 PM | Related to #6312 |
| 4200 | OsmoMSC | Feature | In Progress | Normal | Work around nano3G-S16 requiring RAB ID to be below 16 | efistokl | 09/14/2019 09:48 AM | |
| 6196 | OsmoMGW | Bug | New | Normal | Codec negotiation failure false positives | dexter | 12/07/2023 06:25 AM | Related to #6293 |
| 5308 | OsmoBSC | Bug | Stalled | Normal | confusion around mgw e1 line vs trunk dichtomy | dexter | 12/13/2021 03:52 PM | |
| 4365 | OsmoTRX | Support | Stalled | Normal | Create testsuite to test osmo-bts-trx+osmo-trx under high channel load | dexter | 09/03/2020 10:33 AM | Related to #4366 |
| 6265 | pySim | Feature | New | Normal | decode numeric SW in case of errors | dexter | 12/11/2023 01:01 PM | |
| 5760 | Core testing infrastructure | Feature | Stalled | Normal | Develop TTCN-3 test suite for MME | dexter | 10/04/2023 01:51 PM | |
| 4384 | pySim | Feature | Stalled | Normal | Jenkins program-read verification on daily (or weekly) basis | dexter | 03/27/2023 04:13 PM | Related to #4384 |
| 5712 | OsmoBSC | Bug | New | Normal | LCLS FSM; Not possible to get out from NO_LONGER_LS | dexter | 10/18/2022 09:03 AM | Related to #5712 |
| 6171 | OsmoMGW | Feature | In Progress | Normal | mgcp-client API: there should be a separate mgcp_codec_param for each codec in mgcp_msg.codecs[] | dexter | 11/01/2023 04:15 PM | Related to #6171 |
| 6059 | OsmoBSC | Bug | New | Normal | negotiate GSM-HR RTP packet format explicitly | dexter | 06/13/2023 10:38 AM | |
| 6270 | OsmoBTS | Bug | In Progress | Normal | osmo-bts sends version report every 5s to BSC? | dexter | 02/19/2024 03:06 PM | |

| # | Project | Tracker | Status | Priority | Subject | Assignee | Updated | Related issues |
|---|---|---|---|---|---|---|---|---|
| 6015 | OsmoPCU | Bug | New | Normal | osmo-pcu (with ericsson RBS) is unable to keep TRAU frames in sync | dexter | 12/23/2023 01:12 AM | |
| 2977 | OsmoBTS | Feature | Stalled | Normal | OsmoBTS measurment processing at L1SAP too complex / pass measurements along with data | dexter | 05/18/2020 06:47 PM | Related to #2977,Related to #2977,Related to #3530,Related to #3428,Related to #3395,Related to #2977,Related to #3803 |
| 6150 | OsmoPCU | Feature | New | Normal | PCUIF: Use unique identifiers instead of the TLLI as msg_id. | dexter | 10/24/2023 03:15 PM | |
| 6069 | Cellular Network Infrastructure | Feature | In Progress | Normal | port hello-stk to ant-based build like mrlnc/HelloSTK2 | dexter | 11/02/2023 12:52 PM | |
| 5759 | OsmoSGSN | Feature | Stalled | Normal | Support for Mobility between SGSN (2G/3G) and S-GW (4G) | dexter | 12/07/2023 12:40 PM | Related to #5759 |
| 6139 | OsmoSGSN | Feature | New | Normal | test mobility between GERAN (OsmoPCU) and EUTRAN (Open5GS) end to end on real hardware | dexter | 04/02/2024 09:38 AM | |
| 4005 | OsmoMGW | Bug | Stalled | Normal | TTCN3 crashes when receiving an RTP MGCP_DUMMY_LOAD from osmo-mgw during CRCX | dexter | 06/14/2021 08:31 AM | Related to #4005 |
| 5714 | pySim | Bug | Stalled | Normal | update_record_decoded does not use real record length when writing EF.MSISDN | dexter | 09/17/2023 09:46 AM | |
| 6159 | OsmoBSC | Bug | New | Normal | use paging queue for PAGING messages that come from the BSC co-located PCU | dexter | 08/30/2023 12:39 PM | |
| 3285 | OsmoPCU | Feature | New | Normal | design + implement tools to analyze inter-PCU cell changes | daniel | 02/06/2021 11:12 AM | Related to #3284 |
| 4891 | osmo-gbproxy | Bug | Stalled | Normal | gbproxy2: Implement processing of BVC-Flow-Control via BVC FSM | daniel | 10/25/2021 05:51 AM | Related to #4891 |
| 4897 | osmo-gbproxy | Bug | New | Normal | gbproxy2: Re-introduce handling of NS_AFF_CAUSE_FAILURE | daniel | 03/10/2021 02:49 PM | Related to #4897,Related to #4952,Related to #5040 |
| 6240 | libosmo-sccp + libosmo-sigtran | Bug | Feedback | Normal | libosmo-sigtran doesn't reject M3UA with "M3UA Network Appearance" | daniel | 10/31/2023 02:56 PM | Related to #6241 |
| 4951 | osmo-gbproxy | Feature | In Progress | Normal | more TTCN3 tests for SGSN pooling | daniel | 07/08/2021 08:36 PM | Related to #4951,Related to #4952 |
| 4968 | osmo-gbproxy | Bug | Feedback | Normal | Multiple TTCN3 tests only expect one SGSN | daniel | 12/09/2021 09:17 PM | Related to #4968 |
| 6393 | libosmocore | Bug | New | Normal | osmo_io conflating osmo_iofd_unregister vs osmo_iofd_close | daniel | 03/07/2024 09:47 AM | |

| # | Project | Tracker | Status | Priority | Subject | Assignee | Updated | Related issues |
|---|---|---|---|---|---|---|---|---|
| 2497 | OsmoGSMTester | Support | Stalled | Normal | Set up SIM cards with auth algo other than comp128v1 | daniel | 10/15/2019 11:44 AM | Related to #2475 |
| 2523 | OsmoMGW | Feature | New | Normal | transcoding: remove "not yet implemented" from MNCC manual once transcoding is in place | daniel | 03/16/2018 07:54 PM | |
| 6273 | Core testing infrastructure | Bug | Feedback | Normal | TTCN3 tests keep suffering from race conditions on shutdown | daniel | 12/05/2023 03:29 PM | |
| 5550 | pySim | Bug | New | Normal | EF.ARR file decoding would need to be context dependent | chrysn | 06/24/2022 08:50 AM | |
| 5600 | SIMtrace 2 | Feature | Feedback | Normal | SIMtrace2 fails to emulate EMV cards | boggy123 | 12/14/2022 01:07 PM | |
| 4225 | OP25 | Support | New | Normal | Missing rules in cmake lists? | 2CS350 | 10/12/2019 02:49 PM | |
| 4653 | SDR (Software Defined Radio) | Bug | New | Normal | cannot import name 'fosphor' | | 07/07/2020 02:39 AM | |
| 4961 | osmo-gbproxy | Feature | New | Normal | gbproxy support for "network sharing" via MOCN | | 01/20/2021 08:38 PM | |
| 5483 | Open Source IMS Client | Feature | New | Normal | SIM card interface for strongswan | | 03/07/2022 03:19 PM | |
| 5395 | OsmocomDECT | Feature | New | Normal | Support for LMX3161 | | 01/09/2022 12:55 PM | |
| 4265 | libosmocore | Bug | New | Normal | --enable-embedded doesn't work as expected | | 11/12/2019 11:18 AM | |
| 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 | |
| 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 | |
| 4153 | OsmoMGW | Bug | New | Normal | 3G voice broken with ALu 9361 femto | | 04/25/2022 05:43 PM | |
| 2851 | OsmoMSC | Bug | Stalled | Normal | a_iface.c:534 Unhandled SIGTRAN primitive: 3:2 | | 07/18/2019 05:45 AM | |
| 2615 | OsmoGSMTester | Bug | New | Normal | Add API to check GPS lock in BTS | | 11/03/2017 05:00 PM | |
| 1624 | OsmoPCU | Bug | New | Normal | add CRBB support to write_packet_ack_nack_desc_egprs | | 10/20/2020 08:37 AM | |
| 5323 | Core testing infrastructure | Feature | New | Normal | Add docker image containing titan.core master | | 12/15/2021 04:43 PM | Related to #6187 |
| 6398 | pySim | Bug | New | Normal | Add helper for SwMatchError | | 03/09/2024 09:34 PM | |
| 4579 | OsmoBTS | Bug | New | Normal | add IPv6 support | | 02/12/2021 12:26 PM | |
| 5662 | OsmoUPF | Feature | New | Normal | add Linux kernel options to manual | | 08/24/2022 03:13 PM | |
| 3038 | multi-voltage USB UART | Feature | New | Normal | Add mounting holes? | | 03/07/2018 02:12 AM | |
| 2707 | OsmoGSMTester | Feature | New | Normal | Add support for verifying content of log files after test is run | | 12/04/2017 05:05 PM | |
| 2399 | OsmoGSMTester | Feature | New | Normal | add tests for graceful restart of individual components | | 07/25/2017 12:02 AM | |

| # | Project | Tracker | Status | Priority | Subject | Assignee | Updated | Related issues |
|---|---|---|---|---|---|---|---|---|
| 4541 | OsmoBSC | Feature | New | Normal | add ttcn3 tests for situations of Abis latency spikes, where chan act/deact ACK messages arrive late | | 11/20/2023 05:03 PM | Related to #4541,Related to #6375 |
| 1983 | rtl-sdr | Support | New | Normal | Add welle.io and rtl_fm_streamer to rtl-sdr app list | | 06/03/2018 12:24 PM | |
| 4174 | osmo-fl2k | Bug | New | Normal | After the latest commits, the fl2k tools do not exit on first SIGINT | | 08/25/2019 04:57 PM | |
| 1857 | OsmoBSC | Feature | New | Normal | aggregate and report OML ALERT messages received from BTSs | | 12/10/2017 08:16 PM | Related to #1615,Related to #1605 |
| 6000 | OsmoMSC | Feature | New | Normal | Allow emergency calls without IMSI (using IMEI as MI) | | 04/12/2023 11:03 AM | Related to #6000 |
| 2798 | linmodem | Feature | New | Normal | ALSA Soundcard Support | | 01/01/2018 12:02 PM | |

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