

Issues

| # | Project | Tracker | Status | Priority | Subject | Assignee | Updated | Related issues |
|------|--|---------|-------------|----------|--|-----------|---------------------|--|
| 1627 | OsmocomBB | Support | Stalled | Low | DCS_8BIT and DCS_UCS2 encoding supprot | | 07/16/2018 06:53 PM | |
| 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 |
| 2622 | OsmoBSC | Support | Stalled | High | Prepare automatic interop testing of OsmoBSC against NG40 core simulator + osmo-bts-virtual + mobile | | 09/04/2019 09:18 AM | Related to #2478,Related to #2558,Related to #2555 |
| 3863 | OsmoBTS | Support | Stalled | Normal | setup testing of osmo-bts-oc2g on real hardware with ttcn3 and osmocon/osmocom-bb | | 12/01/2019 10:52 AM | |
| 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 |
| 4534 | Ericsson RBS 6xxx | Support | Stalled | Normal | Take pictures of RBS6k gear for documentation | roh | 05/20/2020 03:19 PM | |
| 4333 | Cellular Network Infrastructure | Support | Feedback | Normal | GSUP binary compatibility: add GSUP protocol version IE? | | 12/16/2019 01:56 PM | Related to #4333,Related to #4333,Related to #4333 |
| 6153 | OsmoHNodeB | Support | Feedback | Normal | List of supported FemtoCell | Kira | 08/28/2023 02:24 PM | |
| 6416 | E1/T1 Hardware Interface (including icE1usb) | Support | Feedback | Normal | Serial debug tty port speed | pfassberg | 05/01/2024 07:13 AM | |
| 3920 | OsmoSGSN | Support | In Progress | Normal | PCAPs files of 3G PS for Osmocom network and Commercial one | | 04/18/2019 02:03 PM | Related to #3920,Related to #3936,Related to #3923,Related to #3937,Related to #3922 |
| 1983 | rtl-sdr | Support | New | Normal | Add welle.io and rtl_fm_streamer to rtl-sdr app list | | 06/03/2018 12:24 PM | |
| 2504 | OsmoGSMTester | Support | New | Normal | check whether running osmo-* from docker images is feasible on osmo-gsm-tester | | 04/06/2020 11:28 AM | |
| 2677 | libosmocore | Support | New | Normal | Make stat_item available over ctrl interface | | 09/04/2019 09:21 AM | Related to #2676 |
| 2764 | SDR (Software Defined Radio) | Support | New | Normal | osmocom_fft & siggen can't access the X display | | 12/15/2017 06:09 PM | |
| 3512 | gr-osmosdr | Support | New | Normal | Bug #3462 on Arch Linux; gr-osmosdr install fails | horiz0n | 01/26/2019 06:10 PM | |
| 3751 | OsmoBTS | Support | New | Normal | Ensure BTS Tests.ttcn results of OC-2G resemble what we know/expect from osmo-bts-{sysmo,trx} | | 12/01/2019 10:52 AM | |
| 3819 | gr-osmosdr | Support | New | Urgent | OSMO SDR blocks for GNUradio | | 02/28/2019 06:00 PM | |
| 3931 | OsmoGSMTester | Support | New | Normal | Contact quectel to get info about modem updates (hopefully less crashes) | | 01/08/2020 10:56 PM | Related to #3931 |
| 4080 | rtl-sdr | Support | New | Normal | Receiving UTAs on 978 Mhz | | 07/02/2019 12:08 PM | |

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|------|--|---------|---------|----------|---|----------|---------------------|--|
| 4135 | Qualcomm Linux Modems by Quectel & Co | Support | New | Normal | how to use network inside ec20 | | 07/31/2019 11:20 AM | |
| 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 | |
| 4225 | OP25 | Support | New | Normal | Missing rules in cmake lists? | 2CS350 | 10/12/2019 02:49 PM | |
| 4308 | Distributed GSM | Support | New | High | thoughts about incorporating credit / billing in D-GSM | | 12/04/2019 04:08 PM | |
| 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 | |
| 4471 | OsmocomBB | Support | New | Normal | Received FTMT00L from phone, ramloader has aborted | | 03/29/2020 11:18 AM | |
| 4581 | OsmocomBB | Support | New | Normal | compiler error assert.h no such file | | 06/05/2020 09:54 AM | |
| 4593 | OP25 | Support | New | Normal | Link to samples on the wiki is dead | matt | 06/07/2020 06:53 PM | |
| 4612 | OsmoMSC | Support | New | Normal | test handover on non-voice call conn (no CC transaction present) | | 06/14/2020 12:21 PM | |
| 4621 | OsmoBSC | Support | New | Normal | feedback: osmo-bsc modifies the LAI in LU Accept messages, and the MM info data | neels | 02/06/2021 09:50 AM | |
| 4737 | Distributed GSM | Support | New | Low | How to configure Queries gsup.hlr.123456789.imsi, sip.voice.123.msisdn, smpp.sms.123.msisdn | | 08/31/2020 11:10 AM | |
| 6193 | Retronetworking | Support | New | Low | Replace "event rack" PM3 power supply | laforge | 09/27/2023 12:19 PM | |
| 6434 | E1/T1 Hardware Interface (including icE1usb) | Support | New | Normal | D-channel do not recover after underrun | | 04/27/2024 09:03 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 |
| 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 |
| 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 |
| 1587 | OsmoSGSN | Feature | Stalled | Normal | SMS over GPRS support | | 11/25/2018 08:14 PM | Related to #3587 |
| 1597 | OsmoMSC | Feature | Stalled | Low | External interface for USSD | fixeria | 11/27/2018 11:08 PM | Related to #1597,Related to #3433 |

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| 1655 | OsmoSGSN | Feature | Stalled | Normal | KPIs for OsmoSGSN | | 01/08/2020 10:49 PM | Related to #1652,Related to #1655,Related to #1655 |
| 1823 | OsmoPCU | Feature | Stalled | Low | Ericsson PCU TRAU frame encoding/decoding | | 09/04/2019 09:26 AM | Related to #5198 |
| 1912 | SIMtrace 2 | Feature | Stalled | Low | do proper re-layout of the board | mschramm | 10/20/2020 08:39 AM | Related to #4118 |
| 2197 | OsmoGSMTester | Feature | Stalled | Normal | osmo-gsm-tester: use MNCC interface | | 11/30/2017 10:41 AM | Related to #2194,Is duplicate of #2197 |
| 2409 | OsmocomBB | Feature | Stalled | High | Add GPRS support to virt_phy and L1CTL | fixeria | 08/19/2022 03:06 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 |
| 2542 | OsmoHLR | Feature | Stalled | Low | have subscriber create-on-demand | osmith | 03/10/2022 03:40 PM | Related to #2541,Related to #5183 |
| 2545 | OsmoBSCNAT | Feature | Stalled | Low | OsmoBSCNAT misses 3GPP AoIP | osmith | 10/12/2022 01:15 PM | Related to #5152,Related to #5359,Related to #5574 |
| 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 |
| 2558 | Cellular Network Infrastructure | Feature | Stalled | Normal | Scripts to manage thousands of "mobile" and hundreds of osmo-bts-virtual instances | | 06/08/2020 07:07 PM | Related to #2557,Related to #2556,Related to #2555,Related to #2558,Blocks #2893 |
| 2604 | Cellular Network Infrastructure | Feature | Stalled | High | GSUP-to-DIAMETER converter / IWF | laforge | 02/29/2020 11:27 AM | Related to #5646 |
| 2893 | OsmoBSC | Feature | Stalled | Low | automatic simulator for large LU load | | 09/04/2019 09:23 AM | Related to #2722,Related to #2591,Blocks #2893,Blocks #2893 |

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| 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 |
| 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 |
| 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 |
| 3399 | OsmocomBB | Feature | Stalled | High | mobile: refactor / finish external MNCC handler implementation | fixeria | 10/04/2018 09:07 PM | |
| 3423 | OsmocomBB SDR PHY | Feature | Stalled | Normal | Receiver: hard-coded GSM 05.02 channel configuration | | 07/09/2023 07:45 PM | |
| 3424 | OsmocomBB SDR PHY | Feature | Stalled | Normal | Transceiver: implement automatic TX delay measurement | | 07/09/2023 07:46 PM | |
| 3445 | OsmoMSC | Feature | Stalled | Normal | SS/USSD: clean up the local GSM 04.80 API | | 12/14/2018 01:57 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 | |
| 3620 | OsmoMSC | Feature | Stalled | Normal | Implement TTCN-3 testsuite for Inter-MSC HO | neels | 09/04/2019 09:08 AM | |
| 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 |
| 3699 | Cellular Network Infrastructure | Feature | Stalled | Low | merge Debian patches | Hoernchen | 01/08/2020 10:24 PM | Related to #3699,Related to #3753 |
| 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 |
| 4073 | Cellular Network Infrastructure | Feature | Stalled | Low | try to get counter and vty reference information at compile time | Hoernchen | 02/06/2021 02:17 PM | Related to #4073,Related to #4848 |

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| 4305 | Distributed GSM | Feature | Stalled | Low | GSUP proxy: cache auth tuples to re-use / fall back to simpler auth methods | | 04/28/2020 02:37 PM | Precedes #4306 |
| 4306 | Distributed GSM | Feature | Stalled | Low | GSUP proxy cache: store data persistently | | 05/20/2020 09:18 PM | Precedes #4306 |
| 4362 | OsmoTRX | Feature | Stalled | Normal | osmo-trx-lms: Support multi-arfcn feature | | 09/30/2020 08:09 PM | Related to #4362,Related to #4362 |
| 4384 | pySim | Feature | Stalled | Normal | Jenkins program-read verification on daily (or weekly) basis | dexter | 03/27/2023 04:13 PM | Related to #4384 |
| 4404 | IMSI Pseudonymization | Feature | Stalled | Normal | Research: Make sure that we can silently detach the IMSI | | 04/15/2020 10:06 AM | Related to #4404,Related to #4480 |
| 4476 | IMSI Pseudonymization | Feature | Stalled | Normal | OsmoHLR: support IMSI pseudo in location update | neels | 05/27/2020 01:11 PM | Blocks #4477 |
| 4522 | osmo-gbproxy | Feature | Stalled | High | gbproxy: Redundancy within proxy pair | daniel | 07/09/2021 06:43 PM | |
| 4692 | Core testing infrastructure | Feature | Stalled | Normal | finally implement testing of the actual voice audio path | laforge | 04/19/2021 06:27 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 |
| 4841 | OsmoMGW | Feature | Stalled | Low | TC_e1_crcx_and_dlcr_ep does not pass - move the IPA code out of libosmo-abis | dexter | 10/11/2021 10:10 AM | Related to #4841,Related to #4841 |
| 4940 | OsmoBSC | Feature | Stalled | High | VAMOS support in OsmoBSC | neels | 08/11/2021 02:47 PM | Related to #4941 |
| 4941 | OsmoBTS | Feature | Stalled | Normal | VAMOS support in OsmoBTS | fixeria | 03/18/2022 01:19 AM | Related to #4941,Related to #4941,Blocks #4941 |
| 5034 | libosmocore | Feature | Stalled | Low | logging: Enable category name instead of hex val by default | pespin | 06/12/2021 05:40 PM | Related to #6272 |
| 5276 | SIMtrace 2 | Feature | Stalled | Normal | jenkins CI integration like for osmo-ccid-firmware | roh | 11/14/2022 05:24 PM | Related to #5422 |
| 5417 | OCTOI - Osmocom Community TDM over IP | Feature | Stalled | Low | S/T (S0) ISDN BRI adapter with VCXO / GPS-DO | laforge | 05/16/2023 08:06 AM | Related to #5436 |
| 5434 | OCTOI - Osmocom Community TDM over IP | Feature | Stalled | Normal | more statistics / counters | | 12/03/2023 11:17 AM | |
| 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 |
| 5691 | libosmo-abis | Feature | Stalled | Normal | Expose DAHDI statistics to prometheus | laforge | 01/05/2023 06:06 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 |

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|------|---------------------------------|---------|----------|----------|---|----------|---------------------|---|
| 5760 | Core testing infrastructure | Feature | Stalled | Normal | Develop TTCN-3 test suite for MME | dexter | 10/04/2023 01:51 PM | |
| 5826 | SIMtrace 2 | Feature | Stalled | Normal | SAM4S4BA support in firmware | laforge | 01/31/2023 08:06 PM | Related to #5826 |
| 5892 | SDR (Software Defined Radio) | Feature | Stalled | Low | design/build ext clock input board for PlutoSDR Rev.B | laforge | 10/18/2023 05:23 PM | |
| 6023 | Core testing infrastructure | Feature | Stalled | Normal | test rack/lab power management software with usage/reference counting | laforge | 10/18/2023 05:42 PM | |
| 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 |
| 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 |
| 6394 | OsmoUPF | Feature | Stalled | Low | Basic URR (Usage Reporting Rule) support for tunnel mapping | | 03/22/2024 08:08 AM | Related to #6395 |
| 1533 | OsmoPCU | Feature | Feedback | Low | Separate the window handling from the TBF more clearly | zecke | 07/21/2017 02:46 PM | Related to #1533 |
| 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 |
| 3352 | OsmoMGW | Feature | Feedback | Low | osmo-mgw does not allow multiple codecs in LCO | neels | 01/08/2020 10:25 PM | |
| 3982 | Cellular Network Infrastructure | Feature | Feedback | Low | osmo-depcheck.py: set dependency hashes on command line | osmith | 05/15/2023 09:51 AM | |
| 4403 | IMSI Pseudonymization | Feature | Feedback | Normal | OsmoHLR: How to interface with SMS service? | | 04/16/2020 08:45 AM | Blocks #4477 |
| 4727 | libosmocore | Feature | Feedback | Normal | Add more distro/platform/archs to jenkins CI | laforge | 05/15/2023 09:48 AM | Is duplicate of #4789 |
| 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 |
| 5124 | Cellular Network Infrastructure | Feature | Feedback | Normal | network:osmocom:nightly feed with "-O0" builds | laforge | 05/11/2023 11:11 AM | |
| 5503 | OsmocomBB | Feature | Feedback | Normal | expose GPRS user plane via tun device | pespin | 08/28/2023 10:38 PM | Related to #6115 |
| 5600 | SIMtrace 2 | Feature | Feedback | Normal | SIMtrace2 fails to emulate EMV cards | boggy123 | 12/14/2022 01:07 PM | |
| 5757 | OsmoDia2GSUP | Feature | Feedback | Normal | functional test suite for osmo_dia2gsup | lynxis | 09/06/2023 02:48 PM | |
| 5917 | libosmo-sccp + libosmo-sigtran | Feature | Feedback | Normal | immediately detect SCTP SHUTDOWN in SCCP link / in SCCP user / in active SCCP connections | neels | 03/20/2023 10:23 AM | |
| 6089 | pySim | Feature | Feedback | Normal | log the current file / operation during execution of a script | laforge | 11/27/2023 04:37 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 |

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| 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 |
| 6127 | OsmoHNBGW | Feature | Feedback | Normal | Submit RAB Modification Req towards HNB to update its peer luUP address if MGW changed it | pespin | 11/29/2023 06:45 PM | |
| 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 | |
| 6224 | Retronetworking | Feature | Feedback | Normal | how to document the rescued EWSD | | 10/18/2023 04:51 PM | |
| 1605 | OsmoBSC | Feature | In Progress | Low | logging / ring buffer for ALERT messages from A-bis OML from the BTS side | osmith | 03/27/2020 09:40 AM | Related to #1605 |
| 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 | |
| 1706 | SIMtrace 2 | Feature | In Progress | Low | Hardware / Circuit board update for SAM3S based SIMtrace2 with 1.8V/5V support | mschramm | 10/28/2023 11:25 AM | Related to #1706,Related to #5464,Related to #4118,Related to #5826 |
| 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 |
| 4107 | Cellular Network Infrastructure | Feature | In Progress | High | Start systemd services as non-root user | osmith | 04/29/2024 08:12 AM | Related to #4107,Related to #4821,Related to #4107,Related to #5669,Related to #5685,Related to #5687,Related to #5722 |
| 4200 | OsmoMSC | Feature | In Progress | Normal | Work around nano3G-S16 requiring RAB ID to be below 16 | efistokl | 09/14/2019 09:48 AM | |
| 4520 | osmo-gbproxy | Feature | In Progress | Normal | gbproxy: Redundancy between NS-VCs (BSS Side) | lynxis | 02/19/2021 04:50 PM | Related to #4520 |
| 4535 | OsmoMGW | Feature | In Progress | Low | Develop "E1/Abis generator" | laforge | 01/02/2022 01:57 PM | Precedes #2547 |
| 4537 | OsmoBSC | Feature | In Progress | Normal | OsmoBSC needs strategies to recover broken lchans (lchan state BORKEN) | | 11/20/2023 05:03 PM | Related to #4537,Related to #4540,Related to #4541,Related to #5106 |
| 4922 | OsmoBSC | Feature | In Progress | Normal | Implement MS Power Control | keith | 11/04/2021 06:37 PM | |
| 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 |
| 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 |

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| 5214 | OsmoMGW | Feature | In Progress | Normal | osmo-mgw multithreading | Hoernchen | 08/31/2021 09:20 AM | |
| 5422 | SIMtrace 2 | Feature | In Progress | Normal | "cardem" continuous testing setup | laforge | 01/27/2022 12:22 PM | Related to #5422 |
| 5463 | Retronetworking | Feature | In Progress | Low | X.21 hardware interface | vogelchr | 03/04/2023 02:37 PM | |
| 5480 | Open Source IMS Client | Feature | In Progress | High | Linux kernel IPsec plugin for doubango | laforge | 03/25/2022 10:44 AM | |
| 5488 | Retronetworking | Feature | In Progress | Low | create DAHDI mirror sniffer | laforge | 11/07/2022 06:04 PM | |
| 5516 | OsmoTRX | Feature | In Progress | High | BladeRF 2.0 Support | Hoernchen | 02/14/2023 02:59 PM | Is duplicate of #2430 |
| 5679 | libosmo-sccp + libosmo-sigtran | Feature | In Progress | Normal | unsupported SCCP user primitive N-PCSTATE.indication | neels | 02/18/2023 01:46 AM | |
| 5745 | osmo-lab-rack | Feature | In Progress | Low | component carrier Ethernet switch | laforge | 02/03/2023 11:29 AM | |
| 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 |
| 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 |
| 5900 | OsmoUPF | Feature | In Progress | Normal | make sure chain ids used in the tunmap nft ruleset are unused | | 02/09/2023 05:34 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 | |
| 5933 | Retrocomputing | Feature | In Progress | Low | Assemble XT-CF-Lite v4.1 | laforge | 03/20/2023 09:54 AM | |
| 5934 | Retrocomputing | Feature | In Progress | Low | Assemble Pico-GUS | laforge | 03/06/2023 04:25 PM | |
| 5938 | Retrocomputing | Feature | In Progress | Normal | assemble "fake parallel printer" | laforge | 09/13/2023 09:32 AM | |
| 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 | |
| 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 |
| 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 |
| 6211 | pySim | Feature | In Progress | Low | decode security attributes _compact_ in human-readable way, like we decode EF.ARR | dexter | 12/15/2023 07:22 AM | Related to #6211 |
| 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 |
| 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 |

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| 6290 | Osmocom Conferences (OsmoDevCon, OsmoCon, OsmoDevCall) | Feature | In Progress | High | Organize OsmoDevCon 2024 | laforge | 03/06/2024 12:06 PM | |
| 18 | OsmoNITB | Feature | New | Low | store last location identity to database | | 05/24/2018 01:15 PM | |
| 25 | OsmoMSC | Feature | New | Low | Call HOLD / RETRIEVE support for internal MNCC | | 08/01/2019 03:06 PM | |
| 33 | OsmoSGSN | Feature | New | Low | real LLC implementation with fragmentation and re-transmissions | | 11/09/2016 09:45 AM | |
| 39 | OsmoBSC | Feature | New | Low | Logging filter on bts/trx or such | | 06/08/2020 07:07 PM | |
| 61 | OsmoBTS | Feature | New | Low | osmo-bts: split TRAU/RTP frame handling into separate process | | 06/13/2016 01:16 PM | |
| 1457 | SIMtrace 2 | Feature | New | Low | Spacing between JTAG and JP1/JP2 | mschramm | 09/13/2018 07:07 PM | |
| 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 |
| 1463 | SIMtrace 2 | Feature | New | Low | Add VCC current sensing circuit for SPA & DPA attacks | laforge | 08/27/2018 07:05 AM | Related to #1706 |
| 1504 | UmTRX | Feature | New | Normal | LMS6002 phase error increases when Rx is enabled and varies with temperature | ttsou | 02/19/2016 10:52 PM | |
| 1506 | UmTRX | Feature | New | Normal | Move to the latest stable UHD | ipse | 02/21/2016 04:47 PM | |
| 1507 | UmTRX | Feature | New | High | Implement UmSEL tuner control | ipse | 02/21/2016 04:47 PM | |
| 1508 | UmTRX | Feature | New | High | Implement UmSEL diversity switch control | ipse | 02/21/2016 04:47 PM | |
| 1509 | UmTRX | Feature | New | Normal | Store calibration values in EEPROM | ipse | 02/21/2016 04:47 PM | |
| 1510 | UmTRX | Feature | New | High | Complete UHD integration | ipse | 02/21/2016 04:47 PM | |
| 1511 | UmTRX | Feature | New | Normal | Solve Tx and Rx I/Q imbalance for wideband signals | | 02/19/2016 10:52 PM | |
| 1515 | UmTRX | Feature | New | Normal | Heat dissipation and mounting issue | | 02/19/2016 10:52 PM | |
| 1516 | UmTRX | Feature | New | Normal | There are no port to control external equipment like PA | | 02/19/2016 10:52 PM | |
| 1517 | UmTRX | Feature | New | Normal | U_FL (UMC) connectors are not reliable after few connections | | 02/19/2016 10:52 PM | |
| 1518 | UmTRX | Feature | New | Normal | Upper limit of the clock is too low | | 02/19/2016 10:52 PM | |
| 1527 | OsmoPCU | Feature | New | Low | Set correct values of the puncturing scheme and the retransmission flag | pespin | 02/08/2021 07:10 PM | |
| 1530 | OsmoPCU | Feature | New | Low | Assign same TFI number in downlink/uplink | | 01/26/2020 08:50 AM | |
| 1537 | OsmoPCU | Feature | New | Low | Move the BSSGP handling to libosmocore | | 03/01/2018 11:17 PM | Related to #1537,Related to #2388 |
| 1543 | OsmoPCU | Feature | New | Normal | link/rate adaption as per spec | | 01/08/2020 10:43 PM | Related to #1543,Related to #1543 |
| 1546 | OsmoPCU | Feature | New | Low | closed loop uplink power control | | 09/30/2020 08:05 PM | |
| 1547 | OsmoPCU | Feature | New | Normal | downlink power control on PDTCH | | 02/23/2016 03:04 PM | |

| # | Project | Tracker | Status | Priority | Subject | Assignee | Updated | Related issues |
|------|---------------------------------|---------|--------|----------|--|----------|---------------------|---|
| 1549 | OsmoPCU | Feature | New | Normal | DRX support for GPRS | | 02/04/2017 08:11 AM | Related to #1942 |
| 1554 | OsmoPCU | Feature | New | Normal | per-MS BSSGP flow control | | 02/23/2016 03:12 PM | Related to #1554 |
| 1555 | OsmoPCU | Feature | New | Low | Add support for unacknowledged RLC Mode | | 01/22/2020 02:59 PM | |
| 1558 | OsmoPCU | Feature | New | Low | Generate BSSGP LLC Discarded messages on TBF/MS free | osmith | 02/13/2021 05:44 PM | Related to #4847 |
| 1560 | OsmoPCU | Feature | New | High | EDGE benchmarking / performance optimization / tuning | | 01/08/2020 10:31 PM | |
| 1561 | OsmoBTS | Feature | New | Low | Multi-TRX support (one osmo-bts process per TRX) | | 02/23/2016 03:18 PM | |
| 1568 | OsmoBTS | Feature | New | Low | Move various code bits to libsmocore | fixeria | 07/18/2019 06:08 AM | |
| 1570 | OsmoBTS | Feature | New | Low | Select RTP payload identifier based on requested speech mode | | 02/23/2016 03:31 PM | |
| 1571 | OsmoBTS | Feature | New | Low | Support RTP multiplexing instead of per-call RTP streams | | 02/23/2016 03:32 PM | |
| 1573 | OsmoBTS | Feature | New | Low | ENHANCED MEASUREMENT REPORT | | 07/19/2021 04:13 PM | |
| 1576 | OsmoBTS | Feature | New | Low | consider using hLayer2 as a pointer storage | | 02/02/2017 04:11 PM | Related to #1755 |
| 1579 | OsmoBTS | Feature | New | Low | Use epoll | | 01/15/2021 01:44 PM | |
| 1583 | OsmoSGSN | Feature | New | Normal | Gs interface (BSSMAP+) between SGSN and MSC/VLR | | 06/13/2020 05:52 PM | Related to #1583,Related to #1583,Related to #4485 |
| 1585 | OsmoSGSN | Feature | New | Low | Gn interface for inter-SGSN MM Context transfer | | 09/22/2023 02:42 PM | Related to #5759,Related to #6294,Is duplicate of #1585 |
| 1586 | OsmoSGSN | Feature | New | Normal | Implement QoS profile support | | 02/23/2016 03:45 PM | |
| 1588 | OsmoSGSN | Feature | New | Normal | Inter-RAT hand-over | | 02/23/2016 03:46 PM | |
| 1590 | Cellular Network Infrastructure | Feature | New | Low | Extension of Control Interface / external SNMP agent | | 07/18/2019 05:22 AM | |
| 1596 | Cellular Network Infrastructure | Feature | New | Low | Generation of accounting/billing data | | 12/10/2017 08:03 PM | |
| 1598 | Cellular Network Infrastructure | Feature | New | Low | Scripting language interface | | 12/10/2017 08:04 PM | |
| 1599 | OsmoMSC | Feature | New | Normal | Gs interface (BSSMAP+) between SGSN and MSC/VLR | | 06/13/2020 05:52 PM | Related to #1583,Related to #1747,Related to #1599,Related to #4485 |
| 1600 | OsmoBSC | Feature | New | Low | BSC: Make SI / rest octests more configurable | | 12/10/2017 08:04 PM | |
| 1603 | OsmoMSC | Feature | New | Low | Interfacing the MSC with other networks: Roaming interfaces / MAP | | 07/18/2019 06:13 AM | |
| 1613 | OsmoBSC | Feature | New | Low | make BTS/TRX configuration changes without having to drop BTS OML link | | 12/10/2017 08:06 PM | |
| 1623 | OsmoSMSC | Feature | New | Normal | Configure delivery report for the SMPP delivery links | zecke | 02/24/2016 01:49 PM | |

| # | Project | Tracker | Status | Priority | Subject | Assignee | Updated | Related issues |
|------|---------------------------------------|---------|--------|----------|---|----------|---------------------|-----------------------------------|
| 1643 | OsmoHLR | Feature | New | Low | programmatic access to new asynchronous external HLR | | 12/10/2017 08:06 PM | Related to #1643,Blocks #1643 |
| 1659 | OsmoBSC | Feature | New | Low | Check encoding of SI at time parameters are entered from VTY, not just at generation time | | 12/10/2017 08:06 PM | |
| 1667 | OsmoNITB | Feature | New | Normal | Handle callref better | | 09/04/2019 09:31 AM | Related to #3294 |
| 1686 | osmo-sip-connector | Feature | New | Normal | osmo-sip-connector: Implement call holding on SIP | | 10/20/2020 08:36 AM | |
| 1687 | osmo-sip-connector | Feature | New | Low | osmo-sip-connector: Explore 3-way conference call | | 01/08/2020 10:56 PM | |
| 1688 | libosmo-sccp + libosmo-sigtran | Feature | New | Low | SUA: support N-STATE indication primitives for connect and disconnect events | | 04/08/2018 07:59 AM | |
| 1689 | OsmoSMSC | Feature | New | Normal | insert: Change destination number based on criteria similar to route handling on output | zecke | 04/06/2016 12:18 PM | |
| 1692 | OsmoBTS | Feature | New | Low | clock source monitoring | | 04/13/2016 09:49 AM | |
| 1716 | libosmocore | Feature | New | Normal | enhance unit test coverage | | 08/17/2016 03:57 PM | Related to #1987,Precedes #1717 |
| 1755 | OsmoBTS | Feature | New | Low | osmo-bts-sysmo L1: unify hLayer3 handling | | 02/02/2017 04:00 PM | Related to #1755 |
| 1771 | OsmoBTS | Feature | New | Low | osmo-bts-trx: clarify check_transceiver_availability() | | 03/01/2018 11:17 PM | Related to #1770 |
| 1812 | OsmoNITB | Feature | New | Normal | Report gsm0408_dispatch() failures to MS / UE | | 01/08/2020 10:56 PM | |
| 1814 | Qualcomm Linux Modems by Quectel & Co | Feature | New | Low | check if qtools work | | 10/02/2016 04:08 AM | |
| 1815 | Qualcomm Linux Modems by Quectel & Co | Feature | New | Normal | tool for building binary ipk from .list/control | | 10/02/2016 05:06 AM | |
| 1832 | Linux Kernel GTP-U | Feature | New | Normal | OpenvSwitch GTP-u patch for 2.5 | | 10/27/2016 08:56 AM | |
| 1837 | OsmoBTS | Feature | New | Low | autogenerate dtx_dl_amr_fsm.* | | 03/01/2018 11:17 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 |
| 1858 | OsmoBSC | Feature | New | Normal | make BSC also generate ALERTs | | 12/10/2017 07:59 PM | |
| 1872 | libosmocore | Feature | New | Low | high-performance remote logging | | 03/24/2021 12:36 PM | |
| 1900 | osmo-qcdiag | Feature | New | Normal | osmo-qcdiag: Add FUSE based access for EFS | | 01/11/2017 12:15 PM | |
| 1901 | osmo-qcdiag | Feature | New | Normal | osmo-qcdiag: Ability to read/write NV data | | 01/11/2017 12:15 PM | |
| 1902 | OsmoBTS | Feature | New | Low | unify/refactor dynamic timeslot code | | 01/08/2020 10:56 PM | Related to #1902,Related to #3099 |
| 1903 | OsmoPCU | Feature | New | Low | convert c++ -> c | | 03/23/2020 10:48 PM | |
| 1908 | osmo-qcdiag | Feature | New | Normal | add VTY interface to osmo-qcdiag | laforge | 01/12/2017 01:15 PM | |

| # | Project | Tracker | Status | Priority | Subject | Assignee | Updated | Related issues |
|------|---------------------------------|---------|--------|----------|--|------------|---------------------|---|
| 1911 | SIMtrace 2 | Feature | New | Normal | check if we can have an enclosed version of simtrace v2 | tsaitgaist | 09/13/2018 12:40 PM | |
| 1926 | OsmoBTS | Feature | New | Low | unify *_mgr code | | 07/18/2019 06:08 AM | |
| 1946 | OsmoBSC | Feature | New | Low | Add checks to the BSC VTY to prevent configurations known to not work | | 10/20/2020 08:40 AM | Related to #1614 |
| 1973 | OsmoMSC | Feature | New | Low | VLR: efficient subscriber lookup | | 07/18/2019 06:15 AM | Related to #1973 |
| 1974 | OsmoMSC | Feature | New | Low | VLR: high water mark on subscriber storage | | 05/15/2022 01:45 PM | Related to #1973 |
| 1975 | Cellular Network Infrastructure | Feature | New | Low | Redesigned configuration management / MIB | laforge | 02/16/2021 05:59 PM | |
| 1987 | libosmocore | Feature | New | Normal | gcov code coverage test support | | 12/01/2019 01:42 PM | Related to #1987, is duplicate of #1987 |
| 1997 | OsmoHNBGW | Feature | New | Normal | Improve error check at compilation time | | 10/21/2021 04:28 PM | |
| 2000 | libosmo-sccp + libosmo-sigtran | Feature | New | Low | use m3ua-testtool for the ASP-side verification | | 07/18/2019 05:42 AM | |
| 2003 | libosmo-sccp + libosmo-sigtran | Feature | New | Low | Implement M2UA support | | 04/10/2017 12:01 PM | |
| 2006 | libosmo-sccp + libosmo-sigtran | Feature | New | Low | Implement M2PA support | | 02/10/2024 01:17 PM | Related to #3603 |
| 2007 | libosmo-sccp + libosmo-sigtran | Feature | New | Low | Implement GT based routing | | 04/10/2017 12:04 PM | |
| 2008 | libosmo-sccp + libosmo-sigtran | Feature | New | Low | Implement Global Title Translation | | 04/10/2017 12:05 PM | |
| 2009 | libosmo-sccp + libosmo-sigtran | Feature | New | Low | Implement SCCP connection coupling ("proxy") | | 04/10/2017 12:09 PM | |
| 2011 | Cellular Network Infrastructure | Feature | New | Low | clean-up / merge IPA (and IPA CCM) code of libosmocore, libosmo-abis, libosmo-netif, openbsc, etc. | | 12/07/2022 04:11 PM | Related to #4841 |
| 2155 | OP25 | Feature | New | High | Replace FSK4 demodulation with IQ demodulator stage. | | 04/22/2017 04:16 PM | |
| 2156 | OP25 | Feature | New | High | Implement forward error correction for HDU. | | 04/22/2017 04:16 PM | |
| 2157 | OP25 | Feature | New | High | Fix "traffic" tab so it displays data for non-HDU data units | | 04/22/2017 04:16 PM | |
| 2158 | OP25 | Feature | New | High | Create a shared library for decoding for WireShark and the decoder. | | 04/22/2017 04:16 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 | |
| 2167 | OP25 | Feature | New | High | Implement Encryption/Decryption P25 blocks | | 04/22/2017 04:15 PM | |
| 2171 | OP25 | Feature | New | High | Use libfftw3 for IFFT/FFT functions. | | 04/22/2017 04:14 PM | |
| 2173 | OP25 | Feature | New | High | Remove dependency on ET++ | | 04/22/2017 04:14 PM | |
| 2175 | OP25 | Feature | New | High | Update code for GNURadio 3.6 and later | | 04/22/2017 04:14 PM | |
| 2186 | libosmocore | Feature | New | Low | split libosmocrpto | | 10/05/2017 06:25 AM | |

| # | Project | Tracker | Status | Priority | Subject | Assignee | Updated | Related issues |
|------|------------------------------|---------|--------|----------|---|----------|---------------------|-----------------------------------|
| 2191 | OsmoMSC | Feature | New | Normal | raw PDU mode for SMPP | | 12/23/2017 05:48 PM | |
| 2196 | OsmoGSMTester | Feature | New | Low | libmsc ctrl interface: add CTRL command to query a single subscriber's attached state | | 05/15/2017 12:58 PM | |
| 2200 | OsmoGSMTester | Feature | New | Low | osmo-gsm-tester: allow collecting statistics / KPI of a test case | | 04/06/2020 04:57 PM | Related to #2201 |
| 2208 | OsmoGSMTester | Feature | New | Low | osmo-gsm-tester: allow running binaries for a whole suite, or only for a single test | | 05/30/2017 01:07 PM | Related to #2208 |
| 2209 | OsmoGSMTester | Feature | New | Low | osmo-gsm-tester: add test API to explicitly free a resource | | 05/19/2017 11:01 AM | Related to #2208 |
| 2224 | SDR (Software Defined Radio) | Feature | New | Normal | New Fospor Benchmark Performance | | 05/04/2017 01:23 PM | |
| 2225 | OsmoGSMTester | Feature | New | Low | tester nitb: connect ctrl interface only once | | 05/15/2017 12:58 PM | |
| 2230 | OsmoGSMTester | Feature | New | Normal | osmo-gsm-tester: arfcn as resource | | 12/14/2017 04:08 PM | Related to #2230 |
| 2266 | OsmoGSMTester | Feature | New | Normal | in the gsm tester, use ipa.py from openbsc instead of the current CTRL implementation | | 10/16/2017 12:36 PM | |
| 2271 | OsmoGSMTester | Feature | New | Low | add test names to pick to the -s cmdline option | | 05/18/2017 12:32 PM | |
| 2287 | OsmoGSMTester | Feature | New | Low | processes launched by gsmtester: store command lines called next to stdout and stderr | | 05/23/2017 12:11 PM | |
| 2288 | OsmoGSMTester | Feature | New | Low | logging: print in a short way which resource is being reserved and used | | 05/23/2017 02:25 PM | |
| 2311 | OsmoGSMTester | Feature | New | Normal | osmo-gsm-tester: add test case: smpp: smpp_first feature | | 05/31/2017 04:21 PM | |
| 2313 | OsmoGSMTester | Feature | New | Normal | osmo-gsm-tester: add test case: smpp: imsi extension | | 05/31/2017 04:27 PM | |
| 2314 | OsmoGSMTester | Feature | New | Normal | osmo-gsm-tester: add test case: smpp: correct ESME routing | | 05/31/2017 04:29 PM | |
| 2318 | OsmoGSMTester | Feature | New | Normal | testing sysmobts: skip copying of binaries when the same are already installed | | 06/07/2017 03:55 PM | |
| 2356 | OsmoBTS | Feature | New | Low | have per-SAPI logging in OsmoBTS DL1P / DL1C | osmith | 03/19/2020 08:06 PM | Related to #2355 |
| 2366 | OsmoBTS | Feature | New | Low | OsmoBTS lacks EXTENDED BCCH support | | 07/15/2017 10:42 AM | Related to #1575,Related to #2014 |
| 2374 | OsmoGSMTester | Feature | New | Normal | osmo-gsm-tester: add test case: sms between MS with delivery report | | 08/10/2017 04:37 PM | |
| 2378 | OsmocomBB | Feature | New | Normal | Remove copy-pasted libosmocore ("git subtree") from osmocom-bb.git | | 10/24/2018 02:13 PM | |
| 2379 | OsmocomBB | Feature | New | Normal | package as .deb | | 02/27/2020 02:39 PM | |
| 2390 | OsmoMSC | Feature | New | Normal | re-add osmocom specific TLVs to SMPP messages | | 12/23/2017 05:48 PM | |
| 2391 | OsmoMSC | Feature | New | Low | add osmocom specific TLVs to A-interface for BTS/TS and subscriber details | | 10/02/2018 03:40 PM | |
| 2394 | OsmoHNBGW | Feature | New | Low | Implement SABP (Service Area Broadcast Protocol) | laforge | 12/30/2020 01:19 AM | Related to #2392,Related to #3979 |

| # | Project | Tracker | Status | Priority | Subject | Assignee | Updated | Related issues |
|------|---------------------------------|---------|--------|----------|---|----------|---------------------|---|
| 2399 | OsmoGSMTester | Feature | New | Normal | add tests for graceful restart of individual components | | 07/25/2017 12:02 AM | |
| 2405 | OsmoPCU | Feature | New | Low | RLC/MAC encoding routines don't use bitvec L/H | | 07/29/2017 09:01 AM | |
| 2411 | OsmoMGW | Feature | New | Low | No support for RTP dynamic payload types - AMR/HR/EFR payload types are hardcoded | | 03/05/2018 07:04 PM | |
| 2430 | OsmoTRX | Feature | New | Low | osmo-trx support bladerf | | 02/14/2023 01:39 PM | Is duplicate of #2430,Is duplicate of #2430 |
| 2432 | OsmoGSMTester | Feature | New | Low | ofono: Find out how to receive Status / Delivery report | | 01/08/2020 10:51 PM | |
| 2436 | OsmoHNBGW | Feature | New | Low | Test cases for asn1c APER encoding | | 01/08/2020 10:56 PM | Related to #2435,Related to #2436,Related to #3862 |
| 2451 | Cellular Network Infrastructure | Feature | New | Low | Add static builds to jenkins jobs | osmith | 09/30/2018 08:18 AM | |
| 2462 | OsmoBSC | Feature | New | Low | clarify lchan->encr.alg_id | | 08/24/2017 01:27 PM | Related to #2462 |
| 2468 | OsmoGSMTester | Feature | New | Low | ofono: gobi modem doesn't support ofono SupplementaryServices interface | | 01/08/2020 10:51 PM | |
| 2494 | OsmoGGSN (former OpenGGSN) | Feature | New | Low | IPv6 support on the outer (transport) layer | | 02/06/2021 12:09 PM | |
| 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 | |
| 2546 | OsmoMGW | Feature | New | Low | support play-out/announcement endpoint type | | 10/06/2017 12:30 PM | |
| 2554 | Cellular Network Infrastructure | Feature | New | Low | Reference/Demo setup + documentation for use of OsmoBSC+OsmoBSCNAT with OSMUX | pespin | 06/08/2020 07:07 PM | Related to #2553,Related to #2552,Related to #2551,Related to #2554 |
| 2567 | OsmoHLR | Feature | New | Low | tell the MSC(s) when subscriber data has changed | | 10/11/2017 01:50 AM | |
| 2580 | OsmoMGW | Feature | New | Low | implement timeout/resend mechanism for mgcp_client | | 09/04/2019 09:26 AM | |
| 2584 | Cellular Network Infrastructure | Feature | New | Low | Have "osmo-network-check" to verify "Network In The Box" setup | neels | 10/05/2018 04:20 PM | Related to #2618 |
| 2601 | libosmo-sccp + libosmo-sigtran | Feature | New | Low | osmo-msc still needs libosmo-sccp-dev for SCCP CAUSE definitions | laforge | 02/13/2021 06:07 PM | |
| 2610 | libosmocore | Feature | New | Low | optimize GnuTLS fallback | | 05/01/2018 04:07 PM | Related to #2610,Related to #3909 |
| 2612 | OsmoGSMTester | Feature | New | Low | Allow skipping pcaps by configuration if access to tcpdump is not wanted | | 04/06/2020 11:25 AM | |

| # | Project | Tracker | Status | Priority | Subject | Assignee | Updated | Related issues |
|------|---------------------------------|---------|--------|----------|--|----------|---------------------|-----------------------------------|
| 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 |
| 2646 | OsmoGSMTester | Feature | New | Normal | osmo-gsm-tester: Add osmo-sip-connector support | | 04/23/2018 10:40 AM | |
| 2651 | OsmoMGW | Feature | New | Low | Support MGCP Piggybacking | | 11/18/2017 05:44 PM | |
| 2697 | osmo-qcdiag | Feature | New | Normal | Create and add debian packages for osmo-qcdiag to osmocom debian repositories | | 11/30/2017 06:03 PM | |
| 2702 | OsmoMGW | Feature | New | Low | libosmo-mgcp doesn't use osmo_sock_ API | | 12/03/2017 09:42 AM | |
| 2707 | OsmoGSMTester | Feature | New | Normal | Add support for verifying content of log files after test is run | | 12/04/2017 05:05 PM | |
| 2712 | libosmocore | Feature | New | Low | implement reproducible talloc context printout, i.e. without memory addresses | | 01/08/2020 10:21 PM | Related to #2781 |
| 2724 | OsmoBSC | Feature | New | Normal | Improve default timers | laforge | 01/04/2018 11:06 AM | Related to #2724 |
| 2788 | OsmoMSC | Feature | New | Normal | OsmoMSC should handle CM Service Abort message | neels | 01/04/2018 10:37 AM | |
| 2795 | OsmoMSC | Feature | New | Normal | Handle UTRAN_CLSM_CHG in MSC | neels | 04/30/2018 12:06 PM | Related to #3043 |
| 2798 | linmodem | Feature | New | Normal | ALSA Soundcard Support | | 01/01/2018 12:02 PM | |
| 2799 | linmodem | Feature | New | Normal | SIP client support | | 01/01/2020 08:05 PM | |
| 2800 | linmodem | Feature | New | Normal | Interop testing with real modems | | 01/01/2018 12:16 PM | |
| 2801 | linmodem | Feature | New | Normal | V.90 completion | | 01/01/2018 12:18 PM | |
| 2802 | linmodem | Feature | New | Low | report the connected speed in "CONNECT" message | | 01/01/2018 12:18 PM | |
| 2804 | linmodem | Feature | New | Low | DAHDI interface | | 01/01/2018 12:27 PM | |
| 2806 | UUCP and UseNet | Feature | New | Low | Create Dockerfile and/or ansible playbook for UseNet node | | 01/01/2018 01:04 PM | |
| 2813 | Z-Netz | Feature | New | Normal | Create + Document OpenXP setup on Linux | | 01/01/2018 01:41 PM | |
| 2814 | Z-Netz | Feature | New | Normal | Create + Document classic CrossPoint setup on DOS (dosemu) | | 01/01/2018 01:41 PM | |
| 2815 | linmodem | Feature | New | Normal | modern ptmx / pty handling (UNIX 98) | | 01/01/2018 02:48 PM | |
| 2827 | OsmoBTS | Feature | New | Low | would be nice if logging of the BTS number in osmo-bts matched the BTS number used in osmo-bsc | | 06/23/2018 06:48 PM | |
| 2832 | OsmoMSC | Feature | New | Low | MNCC doesn't include field for "supported codecs" | | 01/16/2018 07:00 AM | Related to #2832,Related to #1683 |
| 2840 | OsmoHLR | Feature | New | Low | HLR should allow 2g-only or 3g-only subscribers | neels | 10/28/2020 09:22 PM | |
| 2860 | OsmoGSMTester | Feature | New | Low | osmo-gsm-tester: Add 3g support with nano3G board | pespin | 03/31/2023 03:26 PM | Related to #2860 |
| 2861 | OsmoGSMTester | Feature | New | Normal | osmo-gsm-tester: Add 3g support for sysmocell-5k | | 12/02/2019 01:36 PM | Related to #2860 |
| 2878 | OsmoMSC | Feature | New | Low | OsmoMSC support for "Follow-on request/proceed" | | 01/26/2018 09:11 PM | |
| 2913 | OsmocomBB | Feature | New | Low | Add a tool that decodes Cell Broadcasts (SMSCB) | | 09/29/2018 09:31 AM | Related to #3564 |
| 2918 | OsmoBSC | Feature | New | Low | Implement a function to properly test connection clearing in MSC_ConnectionHandler.tcn (BSC-Tests) | | 01/08/2020 10:21 PM | |

| # | Project | Tracker | Status | Priority | Subject | Assignee | Updated | Related issues |
|------|---------------------------------|---------|--------|----------|--|----------|---------------------|-----------------------|
| 2946 | OsmoGGSN (former OpenGGSN) | Feature | New | Low | Add test suite for sgsnemu | pespin | 11/21/2019 05:03 PM | |
| 3019 | OsmoHLR | Feature | New | Low | add config for number of auth tuples returned | | 06/23/2018 06:58 PM | |
| 3033 | OsmoTRX | Feature | New | Low | Split wiki page into multiple smaller pages | | 03/05/2018 11:28 AM | |
| 3038 | multi-voltage USB UART | Feature | New | Normal | Add mounting holes? | | 03/07/2018 02:12 AM | |
| 3069 | OsmoMSC | Feature | New | Normal | investigate multiple CM Service Request on the same conn | neels | 10/28/2020 08:36 PM | Is duplicate of #3069 |
| 3097 | OsmoBSC | Feature | New | Normal | ramping of "rxlev access min" | | 03/22/2018 11:51 AM | Related to #3097 |
| 3142 | Cellular Network Infrastructure | Feature | New | Low | Further simplification of "NITB like" setups | | 04/05/2018 08:09 PM | |
| 3165 | OsmoMSC | Feature | New | Low | Verify LU Request's LAI | osmith | 07/18/2019 05:48 AM | Related to #3164 |
| 3207 | OsmoMGW | Feature | New | Low | Support for RTP Payload Format according to "ETSI TS 101 318" | | 04/24/2018 03:53 PM | |
| 3210 | osmo-fl2k | Feature | New | Low | man pages | steve-m | 04/24/2018 08:55 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 |
| 3229 | Cellular Network Infrastructure | Feature | New | Low | build-system: jenkins.sh: Improve debian package generation test coverage during gerrit submission | | 05/08/2019 02:36 PM | Related to #3228 |
| 3234 | OsmoGSMTester | Feature | New | Low | osmo-gsm-tester: poll the python-smplib socket using non-busy approach | pespin | 03/31/2023 03:28 PM | Related to #2512 |
| 3280 | OsmocomBB | Feature | New | Low | Multiparty SS support in OsmocomBB | | 05/22/2018 07:40 AM | |
| 3285 | OsmoPCU | Feature | New | Normal | design + implement tools to analyze inter-PCU cell changes | daniel | 02/06/2021 11:12 AM | Related to #3284 |
| 3309 | libosmocore | Feature | New | Normal | osmo_timer_* should use monotonic clock | | 05/31/2018 03:59 PM | Related to #3309 |
| 3315 | rtl-sdr | Feature | New | Normal | review and possibly apply patches from debian package | steve-m | 06/03/2018 01:17 PM | |
| 3329 | OsmoBTS | Feature | New | Normal | osmo-bts: Implement IMMEDIATE ASSIGNMENT EXTENDED | | 06/08/2018 12:02 PM | Related to #3330 |
| 3330 | OsmoBSC | Feature | New | Normal | osmo-bsc: Implement IMMEDIATE ASSIGNMENT EXTENDED | | 06/08/2018 12:14 PM | Related to #3330 |
| 3344 | OsmoTRX | Feature | New | Normal | merge ttsou/siggen | | 06/13/2018 07:26 PM | |
| 3345 | OsmoTRX | Feature | New | Low | merge ms branch | | 06/13/2018 07:16 PM | |
| 3371 | SIMtrace 2 | Feature | New | Normal | migrate to use arm-none-eabi build of libosmocore.git | laforge | 08/09/2018 12:14 PM | |
| 3386 | Cellular Network Infrastructure | Feature | New | Low | Generate man pages at build time from adoc files | osmith | 05/11/2023 11:24 AM | Precedes #3386 |
| 3387 | OsmocomBB | Feature | New | Low | osmocon: Use libosmocore logging system | | 10/05/2018 04:21 PM | |
| 3414 | gr-osmosdr | Feature | New | Normal | Include Airspy serial number in connection string. | horiz0n | 07/24/2018 04:52 AM | |
| 3469 | OsmoMSC | Feature | New | Low | Support for "service category" in emergency calls | | 08/24/2018 12:48 PM | Related to #3470 |
| 3470 | OsmoMSC | Feature | New | Low | Allow sending "Emergency Number List IE" in LU ACCEPT | | 09/01/2018 08:18 PM | Related to #3470 |
| 3477 | Cellular Network Infrastructure | Feature | New | Low | add a wiki page explaining interconnection between components across several machines | osmith | 12/01/2019 09:29 AM | |

| # | Project | Tracker | Status | Priority | Subject | Assignee | Updated | Related issues |
|------|---------------|---------|--------|----------|--|----------|---------------------|-----------------------------------|
| 3479 | OsmoBSC | Feature | New | Normal | test "every single failure" in osmo-bsc FSMs | | 08/20/2018 11:15 AM | Related to #3479 |
| 3480 | OsmoBSC | Feature | New | Normal | handover from TCH/F to TCH/H to reduce load | | 06/08/2020 07:08 PM | Related to #3480,Related to #3481 |
| 3481 | OsmoBSC | Feature | New | Normal | handover from TCH/H to TCH/F to reduce load | | 06/08/2020 07:08 PM | Related to #3481,Related to #3481 |
| 3482 | OsmoBSC | Feature | New | Low | handover decision: if a new call causes congestion that would trigger immediate re-assignment, assigning the other TCH kind from the start | | 10/16/2018 01:15 PM | Related to #3482 |
| 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 |
| 3484 | OsmoBSC | Feature | New | Low | handover decision: if rxlev is ok but rxqual is bad, move to different timeslot with same TCH kind to avoid interference | | 10/16/2018 01:30 PM | |
| 3485 | OsmoBSC | Feature | New | Low | handover to make room for a less capable subscriber | | 10/16/2018 01:16 PM | Related to #3485 |
| 3486 | OsmoBSC | Feature | New | Low | handover decision: congestion: figure out the tradeoff: re-assign within same cell vs. handover to another cell | | 10/16/2018 01:16 PM | Related to #3486,Related to #3638 |
| 3501 | SIMtrace 2 | Feature | New | Low | Multi-sim addon board idea | | 08/28/2018 03:00 PM | |
| 3505 | OsmoBSC | Feature | New | Normal | ttcn3: test inter-BSC HO with encryption enabled | neels | 08/28/2018 06:38 PM | Related to #3505 |
| 3521 | libosmocore | Feature | New | Normal | core/utils: engineering notation helpers | fixeria | 09/04/2018 08:32 PM | |
| 3522 | libosmocore | Feature | New | Low | libosmocoding: move TCH ordering functions to libosmocodec and share them | fixeria | 09/04/2018 08:49 PM | |
| 3564 | OsmoGSMTester | Feature | New | Normal | Investigate ofono and modems Cell Broadcast support | | 01/08/2020 10:42 PM | Related to #3564 |
| 3586 | OsmoBSC | Feature | New | Normal | support LCLS for inter-BSC handover | neels | 01/17/2019 04:18 PM | Related to #3586,Related to #3659 |
| 3594 | gr-osmosdr | Feature | New | Normal | Message Commands | | 09/25/2018 03:59 PM | |
| 3595 | gr-osmosdr | Feature | New | Normal | RX Tags | | 09/25/2018 04:01 PM | |
| 3596 | gr-osmosdr | Feature | New | Normal | TX Tags | | 09/25/2018 04:01 PM | |
| 3597 | gr-osmosdr | Feature | New | Low | rtl: send final samples when device is lost | horizOn | 07/18/2019 05:35 AM | |
| 3602 | OsmoSTP | Feature | New | Low | M2UA support | | 09/30/2018 08:00 AM | |
| 3603 | OsmoSTP | Feature | New | Low | M2PA support | | 10/03/2018 08:58 AM | Related to #3603 |
| 3604 | OsmoSTP | Feature | New | Normal | Global Title Routing | | 07/18/2019 05:15 AM | |
| 3605 | OsmoSTP | Feature | New | Normal | Global Title Translation | | 07/18/2019 05:15 AM | |
| 3606 | OsmoSTP | Feature | New | Normal | Support for multiple NI (network indicator) | | 10/03/2018 08:58 AM | |
| 3607 | OsmoSTP | Feature | New | Normal | Support for capability point codes | | 10/03/2018 08:58 AM | |
| 3609 | OsmoSTP | Feature | New | Low | Support for C-Link | | 10/03/2018 08:58 AM | |

| # | Project | Tracker | Status | Priority | Subject | Assignee | Updated | Related issues |
|------|---------------------------------|---------|--------|----------|---|------------|---------------------|--|
| 3628 | Cellular Network Infrastructure | Feature | New | Low | document nanoBTS calibration procedure using ipaccess-config tool | fixeria | 02/06/2021 02:03 PM | Related to #3628 |
| 3636 | OsmoMSC | Feature | New | Normal | detailed call statistics (with rate counters) | osmith | 10/08/2018 11:14 AM | Related to #3636 |
| 3638 | OsmoBSC | Feature | New | Low | handover decision 2: load balancing across BSS | | 10/16/2018 01:16 PM | Related to #3638,Related to #3638,Related to #3638 |
| 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 |
| 3648 | OsmoMSC | Feature | New | Low | persistent VLR (across re-starts of osmo-msc / across power outage) | | 05/17/2022 05:39 PM | Related to #3649 |
| 3649 | OsmoHLR | Feature | New | Low | Investigate LMDB as HLR data storage | | 10/12/2018 11:35 AM | Related to #3649 |
| 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 |
| 3658 | Cellular Modem Information | Feature | New | Low | Create a "osmocom-bb-host-latest" docker container | | 12/01/2019 09:07 AM | Related to #3658 |
| 3666 | OsmocomBB | Feature | New | Normal | trxcon: Introduce VTY interface | fixeria | 02/26/2020 02:43 PM | Related to #3667 |
| 3670 | Cellular Network Infrastructure | Feature | New | Low | TTCN-3 tests for statsd exporter code | | 09/04/2019 09:03 AM | |
| 3672 | Osmocom Analog | Feature | New | Normal | Custom announcement and tones | jolly | 02/01/2021 10:25 AM | |
| 3687 | OsmoMSC | Feature | New | Normal | Expand "show bsc" command | | 11/11/2018 09:50 PM | |
| 3688 | OsmoSGSN | Feature | New | Low | move generic gtpub code to libsmocore | | 04/15/2019 07:29 AM | |
| 3711 | SIMtrace 2 | Feature | New | Normal | Add screw holes for permanent installations | mschramm | 11/01/2023 08:28 PM | |
| 3714 | Cellular Network Infrastructure | Feature | New | Low | implement Internal Handover With MSC Support | neels | 02/06/2021 02:04 PM | Related to #3714 |
| 3732 | OsmoHLR | Feature | New | Low | Support tacdb query in HLR | | 07/18/2019 06:12 AM | Related to #3732 |
| 3738 | OsmoMSC | Feature | New | Normal | Clarify PS-part of struct vlr_subscr | | 12/19/2018 12:34 PM | |
| 3747 | UmTRX | Feature | New | Normal | LMS6002D RX Gain Control | ipse | 01/08/2019 09:46 AM | |
| 3755 | OsmoMSC | Feature | New | Low | make retrieval of IMEISV configurable | | 05/07/2019 12:28 PM | Related to #3755 |
| 3779 | Cellular Network Infrastructure | Feature | New | Low | explore providing a VM image with all of osmocom CNI and related tools installed | | 02/04/2019 09:52 AM | |
| 3802 | gr-osmosdr | Feature | New | Normal | New release | horizOn | 02/15/2019 07:22 AM | |
| 3831 | OsmoBSC | Feature | New | Low | BSC support for "network sharing" via MOCN | | 01/20/2021 10:03 AM | Related to #4473 |
| 3845 | libsmocore | Feature | New | Low | Unified logging in Gb NS / BSSGP code | | 03/16/2019 02:33 PM | |
| 3847 | Miscellaneous Projects | Feature | New | Normal | Osmocom logo with/for black background | tsaitgaist | 12/10/2019 11:53 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 |

| # | 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 |
| 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 |
| 3887 | osmo-remsim | Feature | New | Low | remsim-client: allow for local handling of APDUs | laforge | 12/03/2019 12:20 AM | |
| 3962 | OsmoTRX | Feature | New | Low | osmo-trx: Use gcc attribute no_sanitize to run fine with ASan enabled | | 08/26/2019 02:04 PM | |
| 3977 | OsmoCBC | Feature | New | High | SABP stream delineation routines | laforge | 09/23/2019 04:49 AM | Related to #3979,Related to #4944 |
| 3987 | libosmocore | Feature | New | Low | introduce libosmocore_init() to replace individual initialization calls | | 05/08/2019 03:03 PM | Related to #3987 |
| 3988 | OsmoMSC | Feature | New | Low | change the remaining DEBUG() statements to LOG_MSC_A() / LOG_MSC_A_CAT() | | 05/08/2019 03:26 PM | |
| 4010 | OsmoBSC | Feature | New | Low | Test RSL CHAN ACT related details for different scenarios | neels | 02/06/2021 10:04 AM | Related to #4010,Related to #4010 |
| 4014 | OsmoBTS | Feature | New | Low | Allow multiple [virtual] BTS instances on same [SDR] hardware that supports multiple TRX | | 05/21/2019 12:07 PM | |
| 4033 | OsmoGGSN (former OpenGGSN) | Feature | New | Normal | ttn3-ggsn-test: Add tests to verify secondary pdp context management | | 05/30/2019 03:19 PM | |
| 4053 | libosmocore | Feature | New | Low | CTRL: Add CTRL cmd introspection to print documentation | | 01/08/2020 10:21 PM | Related to #4053,Related to #4443 |
| 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 |
| 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 | |
| 4092 | OsmoMGW | Feature | New | Normal | Osmux: Support dynamic allocation of osmux sockets | pespin | 08/10/2022 07:50 AM | Related to #4092 |
| 4103 | libosmocore | Feature | New | Low | TUAK support as per 3GPP TS 35.231 | | 03/24/2021 12:33 PM | |
| 4105 | libosmocore | Feature | New | Normal | Support for LTE key derivation functions | laforge | 07/13/2019 02:07 AM | Related to #4105 |
| 4109 | Cellular Network Infrastructure | Feature | New | Low | debian-repo-install-test: start a virtual MS and perform a LU | osmith | 11/29/2019 10:39 AM | Related to #4109 |
| 4124 | OsmoBSCNAT | Feature | New | Normal | OsmoBSCNAT : Write user manual | | 01/08/2020 10:56 PM | Related to #4124 |
| 4128 | OsmoHNBGW | Feature | New | Low | Add support of Huawei hNodeB protocol | | 07/24/2019 03:39 PM | |
| 4150 | OsmoMGW | Feature | New | Low | dead code / If an MDCX omits SDP, all codec config might be cleared | | 08/13/2019 11:01 PM | |
| 4189 | OsmoBSC | Feature | New | Low | TTCN-3 tests for load-based hand-over in BSC | | 09/04/2019 09:10 AM | Related to #4189 |

| # | Project | Tracker | Status | Priority | Subject | Assignee | Updated | Related issues |
|------|---------------------------------|---------|--------|----------|--|----------|---------------------|---------------------------|
| 4196 | OsmoMSC | Feature | New | Normal | CC Setup, Call Confirmed: decode and use the Supported Codec List IE | | 09/25/2019 05:27 PM | |
| 4226 | Retronetworking | Feature | New | Low | STM-1 / USB interface? | | 01/30/2022 10:14 AM | |
| 4242 | BBS-Revival | Feature | New | Low | offer CCC event schedule (Fahrplan) as gopher service | | 10/28/2019 09:22 AM | |
| 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 |
| 4275 | OsmoSTP | Feature | New | Low | Add TTCN3 STP_Tests_IPA.TC_tmt_broadcast | pespin | 12/01/2019 11:04 AM | |
| 4277 | Cellular Network Infrastructure | Feature | New | Low | implement an SMSC to work with OsmoMSC | | 11/22/2019 02:45 PM | |
| 4336 | OsmoMSC | Feature | New | Normal | Convert vlr_lu_fsm.c to use osmo_tdef (and drop vlr_timer()) | | 01/02/2020 05:32 PM | Related to #4337 |
| 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 | |
| 4356 | libosmo-sccp + libosmo-sigtran | Feature | New | Low | execute sccp_demo_user server+client against each other in some test suite | pespin | 01/10/2020 12:23 PM | Related to #4356 |
| 4363 | Distributed GSM | Feature | New | Low | mslookup_client_mdns_test: add stubs, so it works without multicast | | 04/28/2020 02:55 PM | Related to #4363 |
| 4374 | OsmoMSC | Feature | New | Normal | send GSUP PurgeMS Request (CN-Domain = CS) to the HLR upon IMSI-Detach | | 01/23/2020 03:19 AM | |
| 4376 | Cellular Network Infrastructure | Feature | New | Normal | Define distinct X timer numbers across all osmo programs | | 01/23/2020 09:21 PM | |
| 4406 | OsmoGSMTester | Feature | New | Low | osmo-gsm-tester: Support setting auth_algo milenage or similar on osmocom software and filling HLR parameters like OPC | pespin | 03/31/2023 03:26 PM | Related to #4407 |
| 4415 | OsmoGGSN (former OpenGGSN) | Feature | New | Normal | Document in OsmoGGSN User Manual the IPv6 allocation process over GTP | | 02/25/2020 03:05 PM | |
| 4418 | OsmocomBB | Feature | New | Normal | test-sim: support all libosmocore algorithms (comp128 v1, v2, v3; MILENAGE) | | 02/26/2020 11:41 PM | |
| 4433 | OsmoGGSN (former OpenGGSN) | Feature | New | Normal | sgsnemu: Add support for IPv4v6 EUAs | | 03/04/2020 10:44 AM | |
| 4455 | OP25 | Feature | New | Normal | AMBE CODEC | | 03/28/2020 09:53 PM | |
| 4458 | Core testing infrastructure | Feature | New | Low | Set up a STF (Smartphone Testing Farm) | | 03/18/2020 02:44 PM | |
| 4473 | OsmoBTS | Feature | New | Low | Support for broadcast of MOCN related SI21/22/23 | | 03/29/2020 07:39 PM | Related to #4473 |
| 4477 | IMSI Pseudonymization | Feature | New | Normal | OsmoHLR: send next pseudo IMSI via SMS | | 04/16/2020 08:45 AM | Blocks #4477,Blocks #4477 |
| 4478 | IMSI Pseudonymization | Feature | New | Normal | Applet: proper warning after too many LU with same IMSI | | 04/16/2020 08:45 AM | Related to #4478 |
| 4479 | IMSI Pseudonymization | Feature | New | Normal | Applet: change IMSI after receiving SMS | | 04/16/2020 08:45 AM | |
| 4481 | IMSI Pseudonymization | Feature | New | Low | Applet: test various REFRESH qualifiers to possibly shorten the time for changing the IMSI | | 04/16/2020 08:45 AM | |
| 4486 | IMSI Pseudonymization | Feature | New | Normal | Applet: gracefully handle case where timer is set twice | | 04/16/2020 08:45 AM | |

| # | Project | Tracker | Status | Priority | Subject | Assignee | Updated | Related issues |
|------|---------------------------------|---------|--------|----------|--|----------|---------------------|-----------------------------------|
| 4488 | OsmoPCU | Feature | New | Normal | have uplink/downlink tests for all CS/MCS | | 11/25/2020 07:28 PM | Related to #4488,Related to #4510 |
| 4489 | IMSI Pseudonymization | Feature | New | Normal | Specification: mark mandatory parts / implementation details as such | | 04/16/2020 08:44 AM | |
| 4490 | IMSI Pseudonymization | Feature | New | Normal | Specification: how would IMSI-pseudo interact within a combined (2G-4G)+5G network? | | 04/16/2020 08:44 AM | |
| 4493 | IMSI Pseudonymization | Feature | New | Normal | Specification: Cover 2G, 3G and 4G separately | neels | 05/27/2020 01:11 PM | |
| 4494 | IMSI Pseudonymization | Feature | New | Normal | Specification: Add bibliography | neels | 05/27/2020 01:11 PM | |
| 4495 | IMSI Pseudonymization | Feature | New | Normal | Specification: More references | neels | 05/27/2020 01:11 PM | |
| 4496 | osmo-uecups | Feature | New | Low | implement filters for sharing as single tun device between multiple bearers | laforge | 04/17/2020 08:31 AM | |
| 4498 | osmo-uecups | Feature | New | Normal | IPv6 neighbor discovery | laforge | 04/17/2020 08:33 AM | |
| 4502 | OsmoGSMTester | Feature | New | Low | osmo-gsm-tester: support gpio controlled step attenuators of the LTHW main unit | pespin | 03/31/2023 03:28 PM | |
| 4504 | OsmoTRX | Feature | New | Low | Buidl LimeSuite without GUI in osmocom feeds | | 09/30/2020 08:08 PM | |
| 4521 | osmo-gbproxy | Feature | New | Normal | gbproxy: Redundancy between NS-VCs (SGSN Side) | laforge | 01/19/2021 05:24 PM | Related to #4959 |
| 4525 | Cellular Modem Information | Feature | New | Normal | MTK | | 05/03/2020 03:57 PM | Is duplicate of #4525 |
| 4536 | OsmoBSC | Feature | New | Normal | Multi BTS support within a single physical device | | 06/21/2020 01:10 PM | |
| 4541 | OsmoBSC | Feature | New | Normal | add ttcn3 tests for situations of Abis latency spikes, where chan act/deact ACK messages arrive late | | 11/20/2023 05:03 PM | Related to #4541,Related to #6375 |
| 4551 | OsmoMGW | Feature | New | Normal | Dynamic/runtime allocation of new endpoints | | 05/14/2020 10:56 PM | |
| 4574 | OsmoHNBGW | Feature | New | Low | Femtocell choice in 2020/06 | | 03/09/2024 07:09 PM | |
| 4580 | SDR (Software Defined Radio) | Feature | New | Normal | gr-osmosdr compilation under GnuRadio 3.9.0 | | 06/04/2020 01:13 AM | |
| 4587 | Cellular Network Infrastructure | Feature | New | Low | Add port numbers to /etc/services during installation | | 06/08/2020 10:28 AM | Related to #5013 |
| 4588 | OsmoHLR | Feature | New | Low | OsmoHLR doesn't appear to have any statistics / counters | | 06/06/2020 09:44 AM | |
| 4590 | libosmocore | Feature | New | Normal | Export talloc data as counters for better memory leakage monitoring in production | | 09/12/2022 03:53 PM | |
| 4591 | libosmocore | Feature | New | Normal | Export FSM states and statistics with counters | | 03/24/2021 12:34 PM | |
| 4596 | OsmocomTETRA | Feature | New | Normal | Port to GR3.8 | | 01/08/2021 05:23 PM | |
| 4608 | libosmo-sccp + libosmo-sigtran | Feature | New | Low | "action" commands to interactively shutdown/re-enable/restart sigtran connections | laforge | 06/10/2020 01:12 PM | |
| 4632 | OsmoMSC | Feature | New | Normal | update the cell id in the VLR when receiving BSSMAP HANDOVER PERFORMED from the BSC | | 06/24/2020 12:35 PM | Related to #4632 |

| # | Project | Tracker | Status | Priority | Subject | Assignee | Updated | Related issues |
|------|--------------------------------|---------|--------|----------|--|----------|---------------------|-----------------------------------|
| 4633 | OsmoMSC | Feature | New | Normal | update the Cell ID in the VLR after an inter-BSC / inter-MSC handover | | 06/24/2020 12:40 PM | |
| 4634 | OsmoMSC | Feature | New | Low | lu: record SAC, and show RNC ID and SAC in the vty upon 'show subscriber' | | 06/24/2020 06:08 PM | |
| 4635 | libosmo-sccp + libosmo-sigtran | Feature | New | Normal | quirks when initializing SS7 ASP | | 06/25/2020 04:46 PM | Related to #4635 |
| 4638 | Altair LTE Modems | Feature | New | Normal | Mikrotik R11e-4G mtd dump | | 06/13/2021 10:15 AM | |
| 4640 | OsmoBSC | Feature | New | Low | SI2quater: support multiple EUTRAN Neighbor Cells List entries, not only multiple EUTRAN Cell Descriptions in the first Cells List entry | | 07/06/2020 03:03 PM | |
| 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 | |
| 4678 | osmo-clock-gen | Feature | New | Low | Increase mounting hole size to support M3 screws | mschramm | 07/25/2020 08:43 PM | |
| 4682 | OsmoBSC | Feature | New | Low | OM2000 MCTR Support for Ericsson RBS6000 / DUG 20 | | 07/30/2020 06:51 AM | Precedes #4682 |
| 4717 | OsmoMSC | Feature | New | Normal | support Handover with changing codec | | 08/18/2020 05:14 PM | Related to #4717 |
| 4762 | osmo-sip-connector | Feature | New | Low | Osmo Analog Support | | 09/25/2020 07:31 AM | Related to #4763 |
| 4790 | OsmoHNBGW | Feature | New | Low | Vodafone HSPA+ femtocell available in Deutschland | | 03/09/2024 07:08 PM | |
| 4806 | osmo-ccid-firmware | Feature | New | Low | Add support of T=1? | | 10/15/2020 03:40 PM | |
| 4808 | OsmoGSMTester | Feature | New | Low | osmo-gsm-tester: Add test setup to verify baseband frequency hopping | pespin | 03/31/2023 03:25 PM | |
| 4809 | osmo-clock-conv | Feature | New | Low | alignment of DC barrel with face plate | laforge | 10/16/2020 05:29 PM | Related to #4814 |
| 4810 | osmo-clock-conv | Feature | New | Normal | horizontal DC input on rear side of PCB | mschramm | 10/15/2020 10:53 PM | |
| 4812 | OsmoPCU | Feature | New | Low | RTTI (Reduced Transmission Time Interval) Support | | 10/16/2020 08:43 AM | |
| 4813 | OsmoPCU | Feature | New | Low | FANR (Fast ACK/NACK Reporting) support | | 10/16/2020 08:46 AM | |
| 4840 | Core testing infrastructure | Feature | New | Low | migrate osmo-gsm-tester docker images to registry.osmocom.org | pespin | 11/02/2020 05:13 PM | Related to #4840 |
| 4846 | OsmoPCU | Feature | New | Normal | change RBB received block bitmap into 1s when everything was acked | | 11/04/2020 02:29 AM | |
| 4860 | libosmo-abis | Feature | New | Low | Implement separation of line/TEI/datalinks in E1 pcap | | 11/04/2021 06:31 PM | |
| 4882 | OsmoHNBGW | Feature | New | Low | HSPA+ Picocell available in U.S | | 03/09/2024 07:08 PM | |
| 4893 | osmo-gbproxy | Feature | New | Low | gbproxy2: Make feature bitmap configurable | | 12/08/2020 07:55 AM | Related to #4893 |
| 4900 | OsmoGSMTester | Feature | New | Low | hardware and wiring verification / selftest | | 12/08/2020 11:03 AM | |
| 4915 | osmo-e1d | Feature | New | Low | consider a one-thread-per-line architecture | | 07/29/2023 07:31 AM | |
| 4944 | OsmoCBC | Feature | New | Low | 3G SABP support in OsmoCBC | laforge | 01/13/2021 09:13 AM | Related to #4944,Related to #4944 |
| 4961 | osmo-gbproxy | Feature | New | Normal | gbproxy support for "network sharing" via MOCN | | 01/20/2021 08:38 PM | |

| # | Project | Tracker | Status | Priority | Subject | Assignee | Updated | Related issues |
|------|--|---------|--------|----------|---|----------|---------------------|-----------------------------------|
| 4967 | OsmoPCU | Feature | New | Normal | osmo-pcu: Avoid sending new DL EGPRS blocks to MS announcing MS_OUT_OF_MEMORY | | 01/21/2021 02:26 PM | |
| 4971 | Osmocom Analog | Feature | New | Low | OsmoCC Socket Documentation | jolly | 10/18/2023 02:49 PM | |
| 4978 | OsmoBSC | Feature | New | Low | Support for generating BSSMAP LOAD INDICATION | | 01/27/2021 02:40 PM | Related to #4979,Related to #4980 |
| 4979 | OsmoBSC | Feature | New | Low | Support for parsing incoming BSSMAP LOAD INDICATION | | 01/27/2021 02:41 PM | Related to #4979,Related to #4980 |
| 4980 | OsmoMSC | Feature | New | Low | Implement routing of BSSMAP LOAD INDICATION in OsmoMSC | | 01/27/2021 02:43 PM | Related to #4980,Related to #4980 |
| 4981 | OsmoBSC | Feature | New | Low | Support for generating BSSMAP RESOURCE INDICATION | | 01/27/2021 03:02 PM | Related to #4982 |
| 4982 | OsmoMSC | Feature | New | Low | Support for BSSMAP RESOURCE INDICATION | | 01/27/2021 03:01 PM | Related to #4982 |
| 4983 | OsmoMSC | Feature | New | Low | PERFORM LOCATION REQUEST / RESPONSE | | 01/28/2021 11:44 AM | |
| 4986 | OsmoBTS | Feature | New | Low | No TTCN3 tests of AMR rate/link adaptation | | 01/28/2021 01:36 PM | |
| 4987 | OsmoBTS | Feature | New | Low | No TTCN3 test for AMR DTX FSMs | | 01/28/2021 01:37 PM | Related to #5474 |
| 4988 | OsmoBTS | Feature | New | Low | No TTCN3 test for AMR TFO / DL CMR handling | | 01/28/2021 01:38 PM | |
| 4989 | OsmoBTS | Feature | New | Low | AMR RATSCCH support | | 01/28/2021 01:41 PM | |
| 4990 | OsmoBSC | Feature | New | Low | TTCN3 test for AMR MultiRate IEs in RR and RSL | | 07/02/2021 04:34 PM | |
| 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 | |
| 5012 | osmo-uecups | Feature | New | Low | use osmo-uecups from GGSN_Tests.ttcn | pespin | 02/06/2021 10:02 AM | Related to #5012 |

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