

Issues

| # | Project | Tracker | Status | Priority | Subject | Assignee | Updated | Related issues |
|------|--|---------|----------|----------|---|-----------|---------------------|--|
| 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 | |
| 4534 | Ericsson RBS 6xxx | Support | Stalled | Normal | Take pictures of RBS6k gear for documentation | roh | 05/20/2020 03:19 PM | |
| 6416 | E1/T1 Hardware Interface (including icE1usb) | Support | Feedback | Normal | Serial debug tty port speed | pfassberg | 05/01/2024 07:13 AM | |
| 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 | |
| 4593 | OP25 | Support | New | Normal | Link to samples on the wiki is dead | matt | 06/07/2020 06:53 PM | |
| 6193 | Retronetworking | Support | New | Low | Replace "event rack" PM3 power supply | laforge | 09/27/2023 12:19 PM | |
| 6153 | OsmoHNodeB | Support | Feedback | Normal | List of supported FemtoCell | Kira | 08/28/2023 02:24 PM | |
| 3512 | gr-osmosdr | Support | New | Normal | Bug #3462 on Arch Linux; gr-osmosdr install fails | horiz0n | 01/26/2019 06:10 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 |
| 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 |
| 4225 | OP25 | Support | New | Normal | Missing rules in cmake lists? | 2CS350 | 10/12/2019 02:49 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 |
| 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 | |
| 4308 | Distributed GSM | Support | New | High | thoughts about incorporating credit / billing in D-GSM | | 12/04/2019 04:08 PM | |
| 6434 | E1/T1 Hardware Interface (including icE1usb) | Support | New | Normal | D-channel do not recover after underrun | | 04/27/2024 09:03 PM | |
| 3819 | gr-osmosdr | Support | New | Urgent | OSMO SDR blocks for GNUradio | | 02/28/2019 06:00 PM | |
| 2677 | libosmocore | Support | New | Normal | Make stat_item available over ctrl interface | | 09/04/2019 09:21 AM | Related to #2676 |
| 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/osmocombb | | 12/01/2019 10:52 AM | |
| 3751 | OsmoBTS | Support | New | Normal | Ensure BTS Tests.ttcn results of OC-2G resemble what we know/expect from osmo-bts-{system,trx} | | 12/01/2019 10:52 AM | |
| 4581 | OsmocomBB | Support | New | Normal | compiler error assert.h no such file | | 06/05/2020 09:54 AM | |
| 4471 | OsmocomBB | Support | New | Normal | Received FTMT00L from phone, ramloader has aborted | | 03/29/2020 11:18 AM | |

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| 1627 | OsmocomBB | Support | Stalled | Low | DCS_8BIT and DCS_UCS2 encoding supprot | | 07/16/2018 06:53 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 |
| 2504 | OsmoGSMTester | Support | New | Normal | check whether running osmo-* from docker images is feasible on osmo-gsm-tester | | 04/06/2020 11:28 AM | |
| 4612 | OsmoMSC | Support | New | Normal | test handover on non-voice call conn (no CC transaction present) | | 06/14/2020 12:21 PM | |
| 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 |
| 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 | |
| 4135 | Qualcomm Linux Modems by Quectel & Co | Support | New | Normal | how to use network inside ec20 | | 07/31/2019 11:20 AM | |
| 4080 | rtl-sdr | Support | New | Normal | Receiving UTAs on 978 Mhz | | 07/02/2019 12:08 PM | |
| 1983 | rtl-sdr | Support | New | Normal | Add welle.io and rtl_fm_streamer to rtl-sdr app list | | 06/03/2018 12:24 PM | |
| 2764 | SDR (Software Defined Radio) | Support | New | Normal | osmocom_fft & siggen can't access the X display | | 12/15/2017 06:09 PM | |
| 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 |
| 1533 | OsmoPCU | Feature | Feedback | Low | Separate the window handling from the TBF more clearly | zecke | 07/21/2017 02:46 PM | Related to #1533 |
| 1689 | OsmoSMSC | Feature | New | Normal | insert: Change destination number based on criteria similiar to route handling on output | zecke | 04/06/2016 12:18 PM | |
| 1623 | OsmoSMSC | Feature | New | Normal | Configure delivery report for the SMPP delivery links | zecke | 02/24/2016 01:49 PM | |
| 5463 | Retronetworking | Feature | In Progress | Low | X.21 hardware interface | vogelchr | 03/04/2023 02:37 PM | |
| 1504 | UmTRX | Feature | New | Normal | LMS6002 phase error increases when Rx is enabled and varies with temperature | ttsou | 02/19/2016 10:52 PM | |
| 3847 | Miscellaneous Projects | Feature | New | Normal | Osmocom logo with/for black background | tsaitgaist | 12/10/2019 11:53 AM | |
| 1911 | SIMtrace 2 | Feature | New | Normal | check if we can have an enclosed version of simtrace v2 | tsaitgaist | 09/13/2018 12:40 PM | |
| 5710 | E1/T1 Hardware Interface (including icE1usb) | Feature | New | Normal | rs422: Merge as much of the gateway in master as possible | tnt | 10/13/2022 06:53 PM | Related to #5710 |
| 5709 | E1/T1 Hardware Interface (including icE1usb) | Feature | New | Normal | rs422: Merge as much of the firmware into master to avoid separate branch | tnt | 10/13/2022 06:49 PM | Related to #5709 |

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|------|---------------------------------|---------|----------|----------|---|----------|---------------------|---|
| 3054 | OsmoTRX | Feature | Stalled | Normal | Extended (11-bit) RACH support in OsmoTRX | tnt | 02/03/2019 11:45 AM | Related to #1854,Related to #3054,Related to #3054,Related to #4006 |
| 3210 | osmo-fl2k | Feature | New | Low | man pages | steve-m | 04/24/2018 08:55 PM | |
| 5291 | rtl-sdr | Feature | New | Normal | Ship the udev rules upstream | steve-m | 11/05/2021 11:04 AM | |
| 3315 | rtl-sdr | Feature | New | Normal | review and possibly apply patches from debian package | steve-m | 06/03/2018 01:17 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 |
| 6231 | OsmoTRX | Feature | New | Normal | add support / calibration values for AntSDR E200 | roh | 10/21/2023 03:25 PM | |
| 5276 | SIMtrace 2 | Feature | Stalled | Normal | jenkins CI integration like for osmo-ccid-firmware | roh | 11/14/2022 05:24 PM | Related to #5422 |
| 5045 | Cellular Network Infrastructure | Feature | New | Normal | write libversion "major" on build files automatically based on LIBVERSION | pespin | 02/24/2021 01:14 PM | |
| 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 | |
| 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 |
| 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 |
| 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 |
| 5034 | libosmocore | Feature | Stalled | Low | logging: Enable category name instead of hex val by default | pespin | 06/12/2021 05:40 PM | Related to #6272 |
| 5012 | osmo-uecups | Feature | New | Low | use osmo-uecups from GGSN_Tests.ttcn | pespin | 02/06/2021 10:02 AM | Related to #5012 |
| 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 |
| 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 |
| 5503 | OsmocomBB | Feature | Feedback | Normal | expose GPRS user plane via tun device | pespin | 08/28/2023 10:38 PM | Related to #6115 |
| 5502 | OsmocomBB | Feature | Stalled | Normal | MS-side LLC implementation | pespin | 09/14/2023 03:59 PM | Related to #5502,Related to #5502 |
| 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 |

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| 2946 | OsmoGGSN (former OpenGGSN) | Feature | New | Low | Add test suite for sgsnemu | pespin | 11/21/2019 05:03 PM | |
| 5839 | OsmoGSMTester | Feature | New | Normal | Ability to switch off the osmo-trx machine | pespin | 12/20/2022 05:43 PM | |
| 4808 | OsmoGSMTester | Feature | New | Low | osmo-gsm-tester: Add test setup to verify baseband frequency hopping | pespin | 03/31/2023 03:25 PM | |
| 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 | |
| 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 |
| 3234 | OsmoGSMTester | Feature | New | Low | osmo-gsm-tester: poll the python-smpplib socket using non-busy approach | pespin | 03/31/2023 03:28 PM | Related to #2512 |
| 2860 | OsmoGSMTester | Feature | New | Low | osmo-gsm-tester: Add 3g support with nano3G board | pespin | 03/31/2023 03:26 PM | Related to #2860 |
| 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 | |
| 4092 | OsmoMGW | Feature | New | Normal | Osmux: Support dynamic allocation of osmux sockets | pespin | 08/10/2022 07:50 AM | Related to #4092 |
| 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 |
| 5827 | OsmoPCU | Feature | New | Normal | osmo-pcu: Hardcoded limit of maximum number of 8 TRX per BTS | pespin | 12/16/2022 11:55 AM | |
| 5122 | OsmoPCU | Feature | New | Normal | Choose SBA allocation offset based on AGCH queue load in the BTS | pespin | 04/20/2021 12:51 PM | Related to #5122 |
| 1527 | OsmoPCU | Feature | New | Low | Set correct values of the puncturing scheme and the retransmission flag | pespin | 02/08/2021 07:10 PM | |
| 4275 | OsmoSTP | Feature | New | Low | Add TTCN3 STP_Tests_IPA.TC_tmt_broadcast | pespin | 12/01/2019 11:04 AM | |
| 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 |
| 6327 | Cellular Network Infrastructure | Feature | New | Low | Osmocom-build-tags-against-master job builds very basic configurations | osmith | 01/11/2024 08:17 PM | |
| 4109 | Cellular Network Infrastructure | Feature | New | Low | debian-repo-install-test: start a virtual MS and perform a LU | osmith | 11/29/2019 10:39 AM | Related to #4109 |
| 4107 | Cellular Network Infrastructure | Feature | In Progress | High | Start systemd services as non-root user | osmith | 04/29/2024 08:12 AM | Related to #4107, Related to #4821, Related to #4107, Related to #5669, Related to #5685, Related to #5687, Related to #5722 |
| 3982 | Cellular Network Infrastructure | Feature | Feedback | Low | osmo-depcheck.py: set dependency hashes on command line | osmith | 05/15/2023 09:51 AM | |

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| 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 | |
| 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 |
| 2451 | Cellular Network Infrastructure | Feature | New | Low | Add static builds to jenkins jobs | osmith | 09/30/2018 08:18 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 | |
| 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 |
| 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 |
| 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 |
| 2356 | OsmoBTS | Feature | New | Low | have per-SAPI logging in OsmoBTS DL1P / DL1C | osmith | 03/19/2020 08:06 PM | Related to #2355 |
| 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 |
| 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 |
| 2542 | OsmoHLR | Feature | Stalled | Low | have subscriber create-on-demand | osmith | 03/10/2022 03:40 PM | Related to #2541,Related to #5183 |
| 5279 | OsmoMGW | Feature | New | Normal | systemd service / unit for multiple osmo-mgw on one machine | osmith | 10/25/2021 11:41 AM | |
| 3636 | OsmoMSC | Feature | New | Normal | detailed call statistics (with rate counters) | osmith | 10/08/2018 11:14 AM | Related to #3636 |
| 3165 | OsmoMSC | Feature | New | Low | Verify LU Request's LAI | osmith | 07/18/2019 05:48 AM | Related to #3164 |
| 1558 | OsmoPCU | Feature | New | Low | Generate BSSGP LLC Discarded messages on TBF/MS free | osmith | 02/13/2021 05:44 PM | Related to #4847 |
| 3714 | Cellular Network Infrastructure | Feature | New | Low | implement Internal Handover With MSC Support | neels | 02/06/2021 02:04 PM | Related to #3714 |
| 2623 | Cellular Network Infrastructure | Feature | New | High | SCCP/M3UA: detect restart of osmo-msc and osmo-sgsn | neels | 02/07/2021 12:55 PM | Related to #3403,Related to #4701 |
| 2584 | Cellular Network Infrastructure | Feature | New | Low | Have "osmo-network-check" to verify "Network In The Box" setup | neels | 10/05/2018 04:20 PM | Related to #2618 |
| 4495 | IMSI Pseudonymization | Feature | New | Normal | Specification: More references | neels | 05/27/2020 01:11 PM | |
| 4494 | IMSI Pseudonymization | Feature | New | Normal | Specification: Add bibliography | neels | 05/27/2020 01:11 PM | |
| 4493 | IMSI Pseudonymization | Feature | New | Normal | Specification: Cover 2G, 3G and 4G separately | neels | 05/27/2020 01:11 PM | |

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| 4476 | IMSI Pseudonymization | Feature | Stalled | Normal | OsmoHLR: support IMSI pseudo in location update | neels | 05/27/2020 01:11 PM | Blocks #4477 |
| 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 | |
| 5679 | libosmo-sccp + libosmo-sigtran | Feature | In Progress | Normal | unsupported SCCP user primitive N-PCSTATE.indication | neels | 02/18/2023 01:46 AM | |
| 6319 | Osmo-CC | Feature | New | Normal | protocol version should have a defined end marker | neels | 01/10/2024 01:31 PM | |
| 4940 | OsmoBSC | Feature | Stalled | High | VAMOS support in OsmoBSC | neels | 08/11/2021 02:47 PM | Related to #4941 |
| 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 |
| 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 |
| 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 |
| 3586 | OsmoBSC | Feature | New | Normal | support LCLS for inter-BSC handover | neels | 01/17/2019 04:18 PM | Related to #3586,Related to #3659 |
| 3505 | OsmoBSC | Feature | New | Normal | ttcn3: test inter-BSC HO with encryption enabled | neels | 08/28/2018 06:38 PM | Related to #3505 |
| 3483 | OsmoBSC | Feature | New | Normal | handover decision: if rxlev is ok but rxqual is bad, move from TCH/H to TCH/F | neels | 10/16/2018 01:53 PM | Related to #3483 |
| 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 |
| 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 |
| 2840 | OsmoHLR | Feature | New | Low | HLR should allow 2g-only or 3g-only subscribers | neels | 10/28/2020 09:22 PM | |
| 6085 | OsmoHNBGW | Feature | New | Low | context_map_sccp.c parrots states/events that the SCCP-SCOC FSM already handles | neels | 10/18/2023 03:31 PM | |
| 6051 | OsmoHNBGW | Feature | New | Low | misnomer in internal SCCP functions | neels | 07/06/2023 08:26 PM | |
| 5904 | OsmoHNBGW | Feature | New | Normal | HNBAP Register Request handling does checks that seem to make no sense | neels | 09/01/2023 05:00 AM | |
| 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 |
| 3352 | OsmoMGW | Feature | Feedback | Low | osmo-mgw does not allow multiple codecs in LCO | neels | 01/08/2020 10:25 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 | |

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| 3620 | OsmoMSC | Feature | Stalled | Normal | Implement TTCN-3 testsuite for Inter-MSC HO | neels | 09/04/2019 09:08 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 |
| 2795 | OsmoMSC | Feature | New | Normal | Handle UTRAN_CLSM_CHG in MSC | neels | 04/30/2018 12:06 PM | Related to #3043 |
| 2788 | OsmoMSC | Feature | New | Normal | OsmoMSC should handle CM Service Abort message | neels | 01/04/2018 10:37 AM | |
| 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 | |
| 4678 | osmo-clock-gen | Feature | New | Low | Increase mounting hole size to support M3 screws | mschramm | 07/25/2020 08:43 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 |
| 3711 | SIMtrace 2 | Feature | New | Normal | Add screw holes for permanent installations | mschramm | 11/01/2023 08:28 PM | |
| 1912 | SIMtrace 2 | Feature | Stalled | Low | do proper re-layout of the board | mschramm | 10/20/2020 08:39 AM | Related to #4118 |
| 1706 | SIMtrace 2 | Feature | In Progress | Low | Hardware / Circuit board update for SAM3S based SIMtrace2 with 1.8V/5V support | mschramm | 10/28/2023 11:25 AM | Related to #1706,Related to #5464,Related to #4118,Related to #5826 |
| 1457 | SIMtrace 2 | Feature | New | Low | Spacing between JTAG and JP1/JP2 | mschramm | 09/13/2018 07:07 PM | |
| 5730 | OsmoMGW | Feature | New | Low | Fax over GSM support | manawyrm | 10/16/2023 08:53 PM | Precedes #5730 |
| 5507 | libosmocore | Feature | New | Normal | Optimize reset time after SGSN is restarted | lynxis | 03/31/2022 12:33 PM | |
| 6332 | osmo-ePDG - VoWifi Evolved Packet Data Gateway | Feature | Feedback | Normal | osmo-epdg: Write User Manual | lynxis | 05/05/2024 11:35 PM | Related to #6332 |
| 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 |
| 4520 | osmo-gbproxy | Feature | In Progress | Normal | gbproxy: Redundancy between NS-VCs (BSS Side) | lynxis | 02/19/2021 04:50 PM | Related to #4520 |
| 5758 | OsmoDia2GSUP | Feature | New | Normal | bring osmo_dia2gsup to production quality | lynxis | 03/30/2023 08:13 PM | |
| 5757 | OsmoDia2GSUP | Feature | Feedback | Normal | functional test suite for osmo_dia2gsup | lynxis | 09/06/2023 02:48 PM | |
| 6137 | OsmoHNBGW | Feature | New | Normal | ip.access Nano3G | lynxis | 10/21/2023 07:24 PM | |
| 4341 | BBS-Revival | Feature | New | Normal | setup for telnet access to legacy BBS software which doesn't have telnet/tcp support | laforge | 10/03/2022 12:09 PM | |
| 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 | |
| 5124 | Cellular Network Infrastructure | Feature | Feedback | Normal | network:osmocom:nightly feed with "-O0" builds | laforge | 05/11/2023 11:11 AM | |

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|------|---------------------------------------|---------|-------------|----------|---|----------|---------------------|-----------------------|
| 2604 | Cellular Network Infrastructure | Feature | Stalled | High | GSUP-to-DIAMETER converter / IWF | laforge | 02/29/2020 11:27 AM | Related to #5646 |
| 1975 | Cellular Network Infrastructure | Feature | New | Low | Redesigned configuration management / MIB | laforge | 02/16/2021 05:59 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 | |
| 4692 | Core testing infrastructure | Feature | Stalled | Normal | finally implement testing of the actual voice audio path | laforge | 04/19/2021 06:27 PM | |
| 5691 | libosmo-abis | Feature | Stalled | Normal | Expose DAHDI statistics to prometheus | laforge | 01/05/2023 06:06 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 | |
| 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 | |
| 4727 | libosmocore | Feature | Feedback | Normal | Add more distro/platform/archs to jenkins CI | laforge | 05/15/2023 09:48 AM | Is duplicate of #4789 |
| 4105 | libosmocore | Feature | New | Normal | Support for LTE key derivation functions | laforge | 07/13/2019 02:07 AM | Related to #4105 |
| 3566 | Misc Hardware Projects | Feature | Stalled | Normal | power supply / battery / charge for our GSM-R OPS 940 | laforge | 04/02/2023 09:05 AM | |
| 6246 | OCTOI - Osmocom Community TDM over IP | Feature | New | Low | co-locate cisco 2811 for FrameRelay and X.25 | laforge | 11/06/2023 01:48 PM | |
| 6245 | OCTOI - Osmocom Community TDM over IP | Feature | New | Low | co-locate cisco 2811 ITP/STP in data center | laforge | 11/06/2023 01:46 PM | |
| 5885 | OCTOI - Osmocom Community TDM over IP | Feature | New | Low | set up a second GPS03 + icE1usb setup | laforge | 01/31/2023 08:05 PM | Related to #5885 |
| 5442 | OCTOI - Osmocom Community TDM over IP | Feature | New | Normal | ensure sequence number covers longer duration than default PRI LOS timer | laforge | 02/06/2022 08:16 AM | |
| 5437 | OCTOI - Osmocom Community TDM over IP | Feature | New | Low | brainstorm about making protocol even more efficient | laforge | 01/30/2022 01:45 PM | |
| 5436 | OCTOI - Osmocom Community TDM over IP | Feature | New | Low | BRI variant of OCTOI protocol | laforge | 01/30/2023 06:49 PM | Related to #5436 |
| 5429 | OCTOI - Osmocom Community TDM over IP | Feature | New | Normal | authentication in TDMoIP protocol | laforge | 11/07/2022 05:29 PM | |
| 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 |
| 5481 | Open Source IMS Client | Feature | New | Urgent | SIM card interface for doubango | laforge | 03/25/2022 11:00 AM | Related to #5482 |
| 5480 | Open Source IMS Client | Feature | In Progress | High | Linux kernel IPsec plugin for doubango | laforge | 03/25/2022 10:44 AM | |
| 4809 | osmo-clock-conv | Feature | New | Low | alignment of DC barrel with face plate | laforge | 10/16/2020 05:29 PM | Related to #4814 |
| 5633 | osmo-clock-gen | Feature | New | Normal | towards a first osmo-clock-gen production batch | laforge | 07/26/2022 12:39 PM | |
| 4521 | osmo-gbproxy | Feature | New | Normal | gbproxy: Redundancy between NS-VCs (SGSN Side) | laforge | 01/19/2021 05:24 PM | Related to #4959 |
| 5745 | osmo-lab-rack | Feature | In Progress | Low | component carrier Ethernet switch | laforge | 02/03/2023 11:29 AM | |

| # | Project | Tracker | Status | Priority | Subject | Assignee | Updated | Related issues |
|------|----------------|---------|-------------|----------|---|----------|---------------------|--|
| 1908 | osmo-qcdiag | Feature | New | Normal | add VTY interface to osmo-qcdiag | laforge | 01/12/2017 01:15 PM | |
| 5614 | osmo-remsim | Feature | New | Normal | log also application-level errors | laforge | 07/11/2022 08:09 PM | |
| 4249 | osmo-remsim | Feature | New | Normal | ability to explicitly provision an "empty SIM card slot" to a modem | laforge | 09/08/2021 07:48 PM | Related to #5216 |
| 3887 | osmo-remsim | Feature | New | Low | remsim-client: allow for local handling of APDUs | laforge | 12/03/2019 12:20 AM | |
| 3886 | osmo-remsim | Feature | New | Normal | expose ICCID or even IMSI of all cards on remsim-server | laforge | 05/08/2019 03:31 PM | Precedes #3886 |
| 3885 | osmo-remsim | Feature | New | Normal | remsim-server should expose status information | laforge | 04/01/2019 07:23 PM | Precedes #3885 |
| 3884 | osmo-remsim | Feature | New | Normal | redesign bankd thread architecture | laforge | 05/08/2019 03:31 PM | Related to #5527,Precedes #3885,Precedes #3886 |
| 4498 | osmo-uecups | Feature | New | Normal | IPv6 neighbor discovery | laforge | 04/17/2020 08:33 AM | |
| 4496 | osmo-uecups | Feature | New | Low | implement filters for sharing as single tun device between multiple bearers | laforge | 04/17/2020 08:31 AM | |
| 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 | |
| 2724 | OsmoBSC | Feature | New | Normal | Improve default timers | laforge | 01/04/2018 11:06 AM | Related to #2724 |
| 4944 | OsmoCBC | Feature | New | Low | 3G SABP support in OsmoCBC | laforge | 01/13/2021 09:13 AM | Related to #4944,Related to #4944 |
| 3977 | OsmoCBC | Feature | New | High | SABP stream delineation routines | laforge | 09/23/2019 04:49 AM | Related to #3979,Related to #4944 |
| 5466 | OsmocomBB | Feature | New | Normal | CP2102N evaluation for burst_ind baudrate | laforge | 02/22/2022 07:17 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 |
| 4535 | OsmoMGW | Feature | In Progress | Low | Develop "E1/Abis generator" | laforge | 01/02/2022 01:57 PM | Precedes #2547 |
| 5403 | OsmoMSC | Feature | New | Normal | Can't connect Call from 2G to 4G network | laforge | 01/14/2022 10:41 PM | |
| 6089 | pySim | Feature | Feedback | Normal | log the current file / operation during execution of a script | laforge | 11/27/2023 04:37 PM | |
| 6086 | pySim | Feature | New | Low | implement features of sysmo-{usim, isim}-tool | laforge | 07/13/2023 04:09 AM | |
| 5268 | pySim | Feature | New | Normal | pySim-shell: GlobalPlatform SCP02 support | laforge | 10/14/2021 07:12 PM | Related to #5268 |
| 5127 | pySim | Feature | New | Normal | tool for "re-formatting" [sysmocom] cards in tester | laforge | 10/14/2021 07:16 PM | Related to #5127 |
| 5947 | Retrocomputing | Feature | New | Low | Assemble PC104-SVGA | laforge | 03/15/2023 09:29 AM | |
| 5940 | Retrocomputing | Feature | New | Low | Assemble LPT_Capture | laforge | 03/15/2023 09:06 AM | |
| 5938 | Retrocomputing | Feature | In Progress | Normal | assemble "fake parallel printer" | laforge | 09/13/2023 09:32 AM | |
| 5936 | Retrocomputing | Feature | New | Low | Assemble netpi-ide | laforge | 03/02/2023 09:25 PM | |
| 5934 | Retrocomputing | Feature | In Progress | Low | Assemble Pico-GUS | laforge | 03/06/2023 04:25 PM | |

| # | Project | Tracker | Status | Priority | Subject | Assignee | Updated | Related issues |
|------|------------------------------|---------|-------------|----------|---|----------|---------------------|--|
| 5933 | Retrocomputing | Feature | In Progress | Low | Assemble XT-CF-Lite v4.1 | laforge | 03/20/2023 09:54 AM | |
| 5932 | Retrocomputing | Feature | New | Low | assemble ISA-USB | laforge | 03/02/2023 09:25 PM | |
| 6244 | Retronetworking | Feature | New | Low | scan more/all EWS(O) documentation laforge has | laforge | 11/01/2023 09:50 PM | |
| 6237 | Retronetworking | Feature | New | Low | Design + Build PCBA for NE555 based fake fan rpm sensor | laforge | 10/30/2023 01:38 AM | |
| 6219 | Retronetworking | Feature | New | Normal | Publish pics/videos for EWSD rescue/move | laforge | 10/17/2023 02:10 PM | |
| 6218 | Retronetworking | Feature | New | Normal | write article/report on EWSD rescue for IGHFT / Fernmeldemuseum Dresden | laforge | 10/17/2023 02:11 PM | |
| 6195 | Retronetworking | Feature | New | Low | Wiki page on Cisco *WIC-* line cards for 26xx/28xx series | laforge | 10/08/2023 07:33 AM | |
| 6194 | Retronetworking | Feature | New | Low | wiki page on MultiTech MT5600-BL | laforge | 09/27/2023 12:46 PM | |
| 5855 | Retronetworking | Feature | New | Normal | Establishing a German non-profit for retronetworking | laforge | 01/13/2023 11:59 AM | |
| 5488 | Retronetworking | Feature | In Progress | Low | create DAHDI mirror sniffer | laforge | 11/07/2022 06:04 PM | |
| 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 | |
| 5826 | SIMtrace 2 | Feature | Stalled | Normal | SAM4S4BA support in firmware | laforge | 01/31/2023 08:06 PM | Related to #5826 |
| 5422 | SIMtrace 2 | Feature | In Progress | Normal | "cardem" continuous testing setup | laforge | 01/27/2022 12:22 PM | Related to #5422 |
| 3371 | SIMtrace 2 | Feature | New | Normal | migrate to use arm-none-eabi build of libosmocore.git | laforge | 08/09/2018 12:14 PM | |
| 1463 | SIMtrace 2 | Feature | New | Low | Add VCC current sensing circuit for SPA & DPA attacks | laforge | 08/27/2018 07:05 AM | Related to #1706 |
| 1460 | SIMtrace 2 | Feature | New | Normal | include some version information / negotiation in the USB protocol | laforge | 12/06/2019 01:39 PM | Related to #1461,Related to #4041 |
| 5740 | OsmoBSC | Feature | New | Low | Disallow unworkable AMR modes. | keith | 11/08/2022 05:15 PM | |
| 5106 | OsmoBSC | Feature | Feedback | Urgent | Watchdog that would try to un-BORKE BORKen timeslots | keith | 02/07/2023 06:25 PM | Related to #5106,Related to #5785,Related to #5786,Related to #5106 |
| 4922 | OsmoBSC | Feature | In Progress | Normal | Implement MS Power Control | keith | 11/04/2021 06:37 PM | |
| 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 |
| 5833 | OsmoPCU | Feature | New | Low | A "meas-feed" for osmo-pcu | keith | 12/18/2022 06:42 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 |
| 5143 | Osmocom Analog | Feature | New | Low | Using ADALM PLUTO SDR with osmocom-analog | jolly | 05/05/2021 05:01 PM | |

| # | Project | Tracker | Status | Priority | Subject | Assignee | Updated | Related issues |
|------|---------------------------------|---------|-------------|----------|---|---------------|---------------------|--|
| 4971 | Osmocom Analog | Feature | New | Low | OsmoCC Socket Documentation | jolly | 10/18/2023 02:49 PM | |
| 3672 | Osmocom Analog | Feature | New | Normal | Custom announcement and tones | jolly | 02/01/2021 10:25 AM | |
| 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 |
| 5805 | SIMtrace 2 | Feature | New | Normal | SIM Trace 2 Build for Windows | jelson_simEng | 04/02/2023 09:56 AM | |
| 3747 | UmTRX | Feature | New | Normal | LMS6002D RX Gain Control | ipse | 01/08/2019 09:46 AM | |
| 1510 | UmTRX | Feature | New | High | Complete UHD integration | ipse | 02/21/2016 04:47 PM | |
| 1509 | UmTRX | Feature | New | Normal | Store calibration values in EEPROM | ipse | 02/21/2016 04:47 PM | |
| 1508 | UmTRX | Feature | New | High | Implement UmSEL diversity switch control | ipse | 02/21/2016 04:47 PM | |
| 1507 | UmTRX | Feature | New | High | Implement UmSEL tuner control | ipse | 02/21/2016 04:47 PM | |
| 1506 | UmTRX | Feature | New | Normal | Move to the latest stable UHD | ipse | 02/21/2016 04:47 PM | |
| 3802 | gr-osmosdr | Feature | New | Normal | New release | horiz0n | 02/15/2019 07:22 AM | |
| 3597 | gr-osmosdr | Feature | New | Low | rtl: send final samples when device is lost | horiz0n | 07/18/2019 05:35 AM | |
| 3414 | gr-osmosdr | Feature | New | Normal | Include Airspy serial number in connection string. | horiz0n | 07/24/2018 04:52 AM | |
| 4073 | Cellular Network Infrastructure | Feature | Stalled | Low | try to get counter and vty reference information at compile time | Hoernchen | 02/06/2021 02:17 PM | Related to #4073,Related to #4848 |
| 3699 | Cellular Network Infrastructure | Feature | Stalled | Low | merge Debian patches | Hoernchen | 01/08/2020 10:24 PM | Related to #3699,Related to #3753 |
| 5214 | OsmoMGW | Feature | In Progress | Normal | osmo-mgw multithreading | Hoernchen | 08/31/2021 09:20 AM | |
| 5859 | OsmoTRX | Feature | New | Normal | remove non-neon and non-sse support | Hoernchen | 01/16/2023 10:17 PM | |
| 5516 | OsmoTRX | Feature | In Progress | High | BladeRF 2.0 Support | Hoernchen | 02/14/2023 02:59 PM | Is duplicate of #2430 |
| 5228 | OsmoTRX | Feature | New | Low | osmo-trx: Missing unit tests for computeCI() and computeEdgeCI() | Hoernchen | 11/07/2022 06:23 PM | |
| 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 |
| 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 |
| 3522 | libosmocore | Feature | New | Low | libosmocoding: move TCH ordering functions to libosmocodec and share them | fixeria | 09/04/2018 08:49 PM | |

| # | Project | Tracker | Status | Priority | Subject | Assignee | Updated | Related issues |
|------|---------------------------------|---------|-------------|----------|--|----------|---------------------|--|
| 3521 | libosmocore | Feature | New | Normal | core/utills: engineering notation helpers | fixeria | 09/04/2018 08:32 PM | |
| 5025 | OsmoBTS | Feature | New | Normal | Missing TTCN-3 coverage for the Timing Advance loop | fixeria | 07/02/2021 04:28 PM | |
| 4941 | OsmoBTS | Feature | Stalled | Normal | VAMOS support in OsmoBTS | fixeria | 03/18/2022 01:19 AM | Related to #4941,Related to #4941,Blocks #4941 |
| 1568 | OsmoBTS | Feature | New | Low | Move various code bits to libosmocore | fixeria | 07/18/2019 06:08 AM | |
| 6132 | OsmocomBB | Feature | New | Normal | Add MS_GPRS_Tests to osmo-ttcn3-hacks | fixeria | 10/04/2023 10:29 PM | Related to #6132 |
| 3666 | OsmocomBB | Feature | New | Normal | trxcon: Introduce VTY interface | fixeria | 02/26/2020 02:43 PM | Related to #3667 |
| 3399 | OsmocomBB | Feature | Stalled | High | mobile: refactor / finish external MNCC handler implementation | fixeria | 10/04/2018 09:07 PM | |
| 2409 | OsmocomBB | Feature | Stalled | High | Add GPRS support to virt_phy and L1CTL | fixeria | 08/19/2022 03:06 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 |
| 1597 | OsmoMSC | Feature | Stalled | Low | External interface for USSD | fixeria | 11/27/2018 11:08 PM | Related to #1597,Related to #3433 |
| 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 |
| 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 |
| 5283 | OsmoTRX | Feature | New | Normal | Implement TRXDv2 support | fixeria | 10/27/2021 10:35 PM | Related to #5283 |
| 6448 | Cellular Network Infrastructure | Feature | New | Normal | Support Themyscira RTP extensions in Osmocom BSS | falconia | 05/09/2024 07:32 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 |
| 4200 | OsmoMSC | Feature | In Progress | Normal | Work around nano3G-S16 requiring RAB ID to be below 16 | efistokl | 09/14/2019 09:48 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 | |
| 5760 | Core testing infrastructure | Feature | Stalled | Normal | Develop TTCN-3 test suite for MME | dexter | 10/04/2023 01:51 PM | |

| # | Project | Tracker | Status | Priority | Subject | Assignee | Updated | Related issues |
|------|--------------|---------|-------------|----------|--|----------|---------------------|--|
| 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 |
| 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 |
| 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 |
| 4841 | OsmoMGW | Feature | Stalled | Low | TC_e1_crcx_and_dlcx_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 |
| 6150 | OsmoPCU | Feature | New | Normal | PCUIF: Use unique identifiers instead of the TLLI as msg_id. | dexter | 10/24/2023 03:15 PM | |
| 6139 | OsmoSGSN | Feature | New | Normal | test mobility between GERAN (OsmoPCU) and EUTRAN (Open5GS) end to end on real hardware | dexter | 05/08/2024 01:09 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 |
| 6265 | pySim | Feature | New | Normal | decode numeric SW in case of errors | dexter | 12/11/2023 01:01 PM | |
| 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 |
| 6092 | pySim | Feature | New | Low | "export" suport for ARA-M | dexter | 10/31/2023 06:40 PM | |
| 5976 | pySim | Feature | New | Low | pySim-prog: do not program linked files multiple times | dexter | 03/27/2023 04:05 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 |
| 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 |
| 4522 | osmo-gbproxy | Feature | Stalled | High | gbproxy: Redundancy within proxy pair | daniel | 07/09/2021 06:43 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 | |
| 3285 | OsmoPCU | Feature | New | Normal | design + implement tools to analyze inter-PCU cell changes | daniel | 02/06/2021 11:12 AM | Related to #3284 |
| 6294 | OsmoSGSN | Feature | New | High | Support GN/Gp interoperation procedures between SGSN and MME | daniel | 05/08/2024 01:00 PM | Related to #6294,Related to #6439 |
| 5600 | SIMtrace 2 | Feature | Feedback | Normal | SIMtrace2 fails to emulate EMV cards | boggy123 | 12/14/2022 01:07 PM | |

| # | Project | Tracker | Status | Priority | Subject | Assignee | Updated | Related issues |
|------|---------------------------------|---------|---------|----------|--|----------|---------------------|--|
| 4638 | Altair LTE Modems | Feature | New | Normal | Mikrotik R11e-4G mtd dump | | 06/13/2021 10:15 AM | |
| 4242 | BBS-Revival | Feature | New | Low | offer CCC event schedule (Fahrplan) as gopher service | | 10/28/2019 09:22 AM | |
| 4525 | Cellular Modem Information | Feature | New | Normal | MTK | | 05/03/2020 03:57 PM | Is duplicate of #4525 |
| 3658 | Cellular Modem Information | Feature | New | Low | Create a "osmocom-bb-host-latest" docker container | | 12/01/2019 09:07 AM | Related to #3658 |
| 6243 | Cellular Network Infrastructure | Feature | New | Low | vty cfg: make changing startup defaults of applications backwards compatible | | 11/01/2023 07:06 PM | |
| 5908 | Cellular Network Infrastructure | Feature | New | Low | Cleanup license information throughout the projects | | 02/16/2023 11:02 AM | |
| 5771 | Cellular Network Infrastructure | Feature | New | Normal | series of presentations about the individual CNI network elements | | 11/14/2022 07:25 PM | |
| 5722 | Cellular Network Infrastructure | Feature | New | Low | Migrate jenkins build slaves from docker to podman | | 10/21/2022 08:29 PM | Related to #5722 |
| 5692 | Cellular Network Infrastructure | Feature | New | Low | switch to C99 standard flexible arrays instad of gcc-specific zero-length arrays | | 09/29/2022 05:59 AM | |
| 5446 | Cellular Network Infrastructure | Feature | New | Normal | correlate git version to ttcn3 tests | | 02/07/2022 09:40 PM | Related to #5446 |
| 5013 | Cellular Network Infrastructure | Feature | New | Low | investigate "vttysh" for Osmocom | | 02/06/2021 02:14 PM | Related to #5013 |
| 4587 | Cellular Network Infrastructure | Feature | New | Low | Add port numbers to /etc/services during installation | | 06/08/2020 10:28 AM | Related to #5013 |
| 4376 | Cellular Network Infrastructure | Feature | New | Normal | Define distinct X timer numbers across all osmo programs | | 01/23/2020 09:21 PM | |
| 4277 | Cellular Network Infrastructure | Feature | New | Low | implement an SMSC to work with OsmoMSC | | 11/22/2019 02:45 PM | |
| 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 | |
| 3670 | Cellular Network Infrastructure | Feature | New | Low | TTCN-3 tests for statsd exporter code | | 09/04/2019 09:03 AM | |
| 3229 | Cellular Network Infrastructure | Feature | New | Low | build-system: jenkins.sh: Improve debian package generation test coverage during gerrit submission | | 05/08/2019 02:36 PM | Related to #3228 |
| 3142 | Cellular Network Infrastructure | Feature | New | Low | Further simplification of "NITB like" setups | | 04/05/2018 08:09 PM | |
| 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 |

| # | Project | Tracker | Status | Priority | Subject | Assignee | Updated | Related issues |
|------|---------------------------------|---------|---------|----------|--|----------|---------------------|---------------------------|
| 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 |
| 1598 | Cellular Network Infrastructure | Feature | New | Low | Scripting language interface | | 12/10/2017 08:04 PM | |
| 1596 | Cellular Network Infrastructure | Feature | New | Low | Generation of accounting/billing data | | 12/10/2017 08:03 PM | |
| 1590 | Cellular Network Infrastructure | Feature | New | Low | Extension of Control Interface / external SNMP agent | | 07/18/2019 05:22 AM | |
| 6242 | Core testing infrastructure | Feature | New | Normal | Test eUPF against ttcn3-upf-test setup | | 12/18/2023 11:33 AM | |
| 5762 | Core testing infrastructure | Feature | New | Normal | Develop TTCN-3 test suite for PGW | | 11/10/2022 06:38 PM | |
| 5761 | Core testing infrastructure | Feature | New | Normal | Develop TTCN-3 test suite for SGW | | 11/09/2022 09:49 PM | |
| 5323 | Core testing infrastructure | Feature | New | Normal | Add docker image containing titan.core master | | 12/15/2021 04:43 PM | Related to #6187 |
| 5128 | Core testing infrastructure | Feature | New | Low | dec_FlmacDlCtrlBlock: Get rid of annoying warning about remaining padding | | 12/09/2021 09:14 PM | |
| 4458 | Core testing infrastructure | Feature | New | Low | Set up a STF (Smartphone Testing Farm) | | 03/18/2020 02:44 PM | |
| 4363 | Distributed GSM | Feature | New | Low | mslookup_client_mdns_test: add stubs, so it works without multicast | | 04/28/2020 02:55 PM | Related to #4363 |
| 4306 | Distributed GSM | Feature | Stalled | Low | GSUP proxy cache: store data persistently | | 05/20/2020 09:18 PM | Precedes #4306 |
| 4305 | Distributed GSM | Feature | Stalled | Low | GSUP proxy: cache auth tuples to re-use / fall back to simpler auth methods | | 04/28/2020 02:37 PM | Precedes #4306 |
| 5307 | Ericsson RBS 6xxx | Feature | New | Normal | Support for Multiple Sectors at an RBS site. | | 11/13/2021 08:20 PM | |
| 5808 | gr-osmosdr | Feature | New | Normal | New option, for selecting an input channel of a soapy_source_c | | 12/05/2022 11:45 AM | |
| 3596 | gr-osmosdr | Feature | New | Normal | TX Tags | | 09/25/2018 04:01 PM | |
| 3595 | gr-osmosdr | Feature | New | Normal | RX Tags | | 09/25/2018 04:01 PM | |
| 3594 | gr-osmosdr | Feature | New | Normal | Message Commands | | 09/25/2018 03:59 PM | |
| 4490 | IMSI Pseudonymization | Feature | New | Normal | Specification: how would IMSI-pseudo interact within a combined (2G-4G)+5G network? | | 04/16/2020 08:44 AM | |
| 4489 | IMSI Pseudonymization | Feature | New | Normal | Specification: mark mandatory parts / implementation details as such | | 04/16/2020 08:44 AM | |
| 4486 | IMSI Pseudonymization | Feature | New | Normal | Applet: gracefully handle case where timer is set twice | | 04/16/2020 08:45 AM | |
| 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 | |
| 4479 | IMSI Pseudonymization | Feature | New | Normal | Applet: change IMSI after receiving SMS | | 04/16/2020 08:45 AM | |
| 4478 | IMSI Pseudonymization | Feature | New | Normal | Applet: proper warning after too many LU with same IMSI | | 04/16/2020 08:45 AM | Related to #4478 |
| 4477 | IMSI Pseudonymization | Feature | New | Normal | OsmoHLR: send next pseudo IMSI via SMS | | 04/16/2020 08:45 AM | Blocks #4477,Blocks #4477 |

| # | Project | Tracker | Status | Priority | Subject | Assignee | Updated | Related issues |
|------|--------------------------------|---------|----------|----------|--|----------|---------------------|-----------------------------------|
| 4404 | IMSI Pseudonymization | Feature | Stalled | Normal | Research: Make sure that we can silently detach the IMSI | | 04/15/2020 10:06 AM | Related to #4404,Related to #4480 |
| 4403 | IMSI Pseudonymization | Feature | Feedback | Normal | OsmoHLR: How to interface with SMS service? | | 04/16/2020 08:45 AM | Blocks #4477 |
| 5766 | libosmo-abis | Feature | New | Low | use Linux kernel KCM for IPA header? | | 11/13/2022 08:15 AM | Related to #5766 |
| 4860 | libosmo-abis | Feature | New | Low | Implement separation of line/TEI/datalinks in E1 pcap | | 11/04/2021 06:31 PM | |
| 5648 | libosmo-pfcp | Feature | New | Normal | implement common PFCP CPF client VTY config | | 08/17/2022 03:29 PM | Related to #5648 |
| 6241 | libosmo-sccp + libosmo-sigtran | Feature | New | Low | M3UA "Network Appearance" support | | 10/31/2023 03:00 PM | Related to #6241 |
| 6239 | libosmo-sccp + libosmo-sigtran | Feature | New | Normal | finally deprecate libosmo-sccp (headers, static lib) | | 10/31/2023 07:31 PM | |
| 4635 | libosmo-sccp + libosmo-sigtran | Feature | New | Normal | quirks when initializing SS7 ASP | | 06/25/2020 04:46 PM | Related to #4635 |
| 2009 | libosmo-sccp + libosmo-sigtran | Feature | New | Low | Implement SCCP connection coupling ("proxy") | | 04/10/2017 12:09 PM | |
| 2008 | libosmo-sccp + libosmo-sigtran | Feature | New | Low | Implement Global Title Translation | | 04/10/2017 12:05 PM | |
| 2007 | libosmo-sccp + libosmo-sigtran | Feature | New | Low | Implement GT based routing | | 04/10/2017 12:04 PM | |
| 2006 | libosmo-sccp + libosmo-sigtran | Feature | New | Low | Implement M2PA support | | 02/10/2024 01:17 PM | Related to #3603 |
| 2003 | libosmo-sccp + libosmo-sigtran | Feature | New | Low | Implement M2UA support | | 04/10/2017 12:01 PM | |
| 2000 | libosmo-sccp + libosmo-sigtran | Feature | New | Low | use m3ua-testtool for the ASP-side verification | | 07/18/2019 05:42 AM | |
| 1688 | libosmo-sccp + libosmo-sigtran | Feature | New | Low | SUA: support N-STATE indication primitives for connect and disconnect events | | 04/08/2018 07:59 AM | |
| 6445 | libosmocore | Feature | New | Normal | GSMTAP version 3 | | 05/04/2024 02:13 PM | |
| 6402 | libosmocore | Feature | New | Low | consider using IORING_RECVSEND_POLL_FIRST for our socket-reads | | 03/14/2024 08:21 AM | |
| 6401 | libosmocore | Feature | New | Low | benchmark batching io_uring operations | | 03/14/2024 08:10 AM | |
| 6390 | libosmocore | Feature | New | Low | port CTRL over to osmo_io / io_uring | | 03/02/2024 06:45 PM | Related to #6390 |
| 6389 | libosmocore | Feature | New | Low | port VTY over to osmo_io / io_uring | | 03/02/2024 04:55 PM | Related to #6389 |
| 6388 | libosmocore | Feature | New | Normal | stats_reporter via osmo_io / io_uring? | | 03/02/2024 04:54 PM | Related to #6388 |
| 6344 | libosmocore | Feature | New | Normal | New TS 24.008 Bearer Capability codec API | | 01/24/2024 11:19 PM | Related to #6344 |
| 5829 | libosmocore | Feature | New | Low | log fallback for log_check_level(), log_parse_category() | | 12/13/2022 10:44 PM | |
| 4591 | libosmocore | Feature | New | Normal | Export FSM states and statistics with counters | | 03/24/2021 12:34 PM | |

| # | Project | Tracker | Status | Priority | Subject | Assignee | Updated | Related issues |
|------|---------------------------------------|---------|--------|----------|---|----------|---------------------|--|
| 4590 | libosmocore | Feature | New | Normal | Export talloc data as counters for better memory leakage monitoring in production | | 09/12/2022 03:53 PM | |
| 4103 | libosmocore | Feature | New | Low | TUAK support as per 3GPP TS 35.231 | | 03/24/2021 12:33 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 |
| 3987 | libosmocore | Feature | New | Low | introduce libosmocore_init() to replace individual initialization calls | | 05/08/2019 03:03 PM | Related to #3987 |
| 3845 | libosmocore | Feature | New | Low | Unified logging in Gb NS / BSSGP code | | 03/16/2019 02:33 PM | |
| 3309 | libosmocore | Feature | New | Normal | osmo_timer_* should use monotonic clock | | 05/31/2018 03:59 PM | Related to #3309 |
| 2712 | libosmocore | Feature | New | Low | implement reproducible talloc context printout, i.e. without memory addresses | | 01/08/2020 10:21 PM | Related to #2781 |
| 2610 | libosmocore | Feature | New | Low | optimize GnuTLS fallback | | 05/01/2018 04:07 PM | Related to #2610,Related to #3909 |
| 2186 | libosmocore | Feature | New | Low | split libosmocrpto | | 10/05/2017 06:25 AM | |
| 1987 | libosmocore | Feature | New | Normal | gcov code coverage test support | | 12/01/2019 01:42 PM | Related to #1987,Is duplicate of #1987 |
| 1872 | libosmocore | Feature | New | Low | high-performance remote logging | | 03/24/2021 12:36 PM | |
| 1716 | libosmocore | Feature | New | Normal | enhance unit test coverage | | 08/17/2016 03:57 PM | Related to #1987,Precedes #1717 |
| 5489 | linmodem | Feature | New | Low | linmodem mISDN integration | | 03/13/2022 09:35 PM | |
| 2815 | linmodem | Feature | New | Normal | modern ptmx / pty handling (UNIX 98) | | 01/01/2018 02:48 PM | |
| 2804 | linmodem | Feature | New | Low | DAHDI interface | | 01/01/2018 12:27 PM | |
| 2802 | linmodem | Feature | New | Low | report the connected speed in "CONNECT" message | | 01/01/2018 12:18 PM | |
| 2801 | linmodem | Feature | New | Normal | V.90 completion | | 01/01/2018 12:18 PM | |
| 2800 | linmodem | Feature | New | Normal | Interop testing with real modems | | 01/01/2018 12:16 PM | |
| 2799 | linmodem | Feature | New | Normal | SIP client support | | 01/01/2020 08:05 PM | |
| 2798 | linmodem | Feature | New | Normal | ALSA Soundcard Support | | 01/01/2018 12:02 PM | |
| 1832 | Linux Kernel GTP-U | Feature | New | Normal | OpenvSwitch GTP-u patch for 2.5 | | 10/27/2016 08:56 AM | |
| 3038 | multi-voltage USB UART | Feature | New | Normal | Add mounting holes? | | 03/07/2018 02:12 AM | |
| 5546 | OCTOI - Osmocom Community TDM over IP | Feature | New | Normal | build frame relay "hub" similar to ISDN "hub" | | 04/24/2022 03:03 PM | |
| 5526 | OCTOI - Osmocom Community TDM over IP | Feature | New | Low | ability to generate GSMTAP traces from osmo-e1d | | 07/29/2023 07:23 AM | |
| 5519 | OCTOI - Osmocom Community TDM over IP | Feature | New | Low | reimplement overlapped.php based on yate python module | | 12/03/2023 10:47 AM | |

| # | Project | Tracker | Status | Priority | Subject | Assignee | Updated | Related issues |
|------|--|---------|---------|----------|--|----------|---------------------|------------------|
| 5443 | OCTOI - Osmocom Community TDM over IP | Feature | New | Normal | possibility to transmit frames from multiple lines in one packet | | 02/06/2022 08:15 AM | |
| 5435 | OCTOI - Osmocom Community TDM over IP | Feature | New | Low | use DNS to resolve the server | | 04/05/2022 08:20 PM | |
| 5434 | OCTOI - Osmocom Community TDM over IP | Feature | Stalled | Normal | more statistics / counters | | 12/03/2023 11:17 AM | |
| 5427 | OCTOI - Osmocom Community TDM over IP | Feature | New | Low | STUN/TURN/ICE for peer-to-peer connections | | 01/30/2022 10:43 AM | |
| 4455 | OP25 | Feature | New | Normal | AMBE CODEC | | 03/28/2020 09:53 PM | |
| 2175 | OP25 | Feature | New | High | Update code for GNURadio 3.6 and later | | 04/22/2017 04:14 PM | |
| 2173 | OP25 | Feature | New | High | Remove dependency on ET++ | | 04/22/2017 04:14 PM | |
| 2171 | OP25 | Feature | New | High | Use libfftw3 for IFFT/FFT functions. | | 04/22/2017 04:14 PM | |
| 2167 | OP25 | Feature | New | High | Implement Encryption/Decryption P25 blocks | | 04/22/2017 04:15 PM | |
| 2166 | OP25 | Feature | New | High | Add support for Max's I/Q 455khz downconverter | | 04/22/2017 04:15 PM | |
| 2160 | OP25 | Feature | New | High | Add "datascope" to usrp_p25_rx.py | | 04/22/2017 04:16 PM | |
| 2158 | OP25 | Feature | New | High | Create a shared library for decoding for WireShark and the decoder. | | 04/22/2017 04:16 PM | |
| 2157 | OP25 | Feature | New | High | Fix "traffic" tab so it displays data for non-HDU data units | | 04/22/2017 04:16 PM | |
| 2156 | OP25 | Feature | New | High | Implement forward error correction for HDU. | | 04/22/2017 04:16 PM | |
| 2155 | OP25 | Feature | New | High | Replace FSK4 demodulation with IQ demodulator stage. | | 04/22/2017 04:16 PM | |
| 5484 | Open Source IMS Client | Feature | New | Normal | create setup for nested IPsec (doubango on top of StrongSWAN) | | 03/07/2022 11:19 AM | |
| 5483 | Open Source IMS Client | Feature | New | Normal | SIM card interface for strongswan | | 03/07/2022 03:19 PM | |
| 5482 | Open Source IMS Client | Feature | New | Normal | VoWiFi client for creating [outer] IPsec tunnel to ePDG | | 03/07/2022 09:33 PM | Related to #5482 |
| 4806 | osmo-ccid-firmware | Feature | New | Low | Add support of T=1? | | 10/15/2020 03:40 PM | |
| 5520 | osmo-e1d | Feature | New | Low | exponential back-off on octoi client reconnect attempts | | 07/29/2023 07:30 AM | |
| 4915 | osmo-e1d | Feature | New | Low | consider a one-thread-per-line architecture | | 07/29/2023 07:31 AM | |
| 6408 | osmo-ePDG - VoWiFi Evolved Packet Data Gateway | Feature | New | Normal | osmo-epdg: Support check IMEI | | 03/15/2024 06:45 PM | |
| 6407 | osmo-ePDG - VoWiFi Evolved Packet Data Gateway | Feature | New | Normal | osmo-epdg: Support Emergency services (no IMSI) | | 03/15/2024 06:43 PM | |
| 6354 | osmo-ePDG - VoWiFi Evolved Packet Data Gateway | Feature | New | Low | investigate UE behavior in terms of respecting ePDG configuration on USIM/ISIM | | 02/07/2024 04:10 PM | |
| 6345 | osmo-ePDG - VoWiFi Evolved Packet Data Gateway | Feature | New | Low | osmo-epdg: Implement SWm interface (Diameter) ePDG <-> AAA | | 01/25/2024 05:22 PM | |

| # | Project | Tracker | Status | Priority | Subject | Assignee | Updated | Related issues |
|------|--------------------|---------|--------|----------|--|----------|---------------------|-----------------------------------|
| 4961 | osmo-gbproxy | Feature | New | Normal | gbproxy support for "network sharing" via MOCN | | 01/20/2021 08:38 PM | |
| 4893 | osmo-gbproxy | Feature | New | Low | gbproxy2: Make feature bitmap configurable | | 12/08/2020 07:55 AM | Related to #4893 |
| 5372 | osmo-lab-rack | Feature | New | Low | AC power supply | | 12/23/2021 06:33 PM | |
| 5371 | osmo-lab-rack | Feature | New | Low | component carrier USB-UART | | 12/23/2021 06:31 PM | |
| 5370 | osmo-lab-rack | Feature | New | Low | component carrier USB hub | | 12/23/2021 06:30 PM | |
| 2697 | osmo-qcdiag | Feature | New | Normal | Create and add debian packages for osmo-qcdiag to osmocom debian repositories | | 11/30/2017 06:03 PM | |
| 1901 | osmo-qcdiag | Feature | New | Normal | osmo-qcdiag: Ability to read/write NV data | | 01/11/2017 12:15 PM | |
| 1900 | osmo-qcdiag | Feature | New | Normal | osmo-qcdiag: Add FUSE based access for EFS | | 01/11/2017 12:15 PM | |
| 5321 | osmo-remsim | Feature | New | Low | support SAP of u-blox AT+USAPMODE | | 11/22/2021 10:37 AM | |
| 5320 | osmo-remsim | Feature | New | Low | support SAP of Telit AT#RSEN | | 11/22/2021 10:38 AM | |
| 4762 | osmo-sip-connector | Feature | New | Low | Osmo Analog Support | | 09/25/2020 07:31 AM | Related to #4763 |
| 1687 | osmo-sip-connector | Feature | New | Low | osmo-sip-connector: Explore 3-way conference call | | 01/08/2020 10:56 PM | |
| 1686 | osmo-sip-connector | Feature | New | Normal | osmo-sip-connector: Implement call holding on SIP | | 10/20/2020 08:36 AM | |
| 5586 | OsmoBSC | Feature | New | Normal | Ericsson RBS could recover Unlocked state without osmo-bsc restart | | 06/21/2022 10:23 PM | Related to #5983 |
| 5547 | OsmoBSC | Feature | New | Low | upon emergency call, from the MSC-pool pick an MSC that allows emergency calling | | 04/25/2022 05:49 AM | |
| 5156 | OsmoBSC | Feature | New | Low | Support intraBSC handover between distinct BTS types | | 11/04/2021 06:27 PM | |
| 4990 | OsmoBSC | Feature | New | Low | TTCN3 test for AMR MultiRate IEs in RR and RSL | | 07/02/2021 04:34 PM | |
| 4981 | OsmoBSC | Feature | New | Low | Support for generating BSSMAP RESOURCE INDICATION | | 01/27/2021 03:02 PM | Related to #4982 |
| 4979 | OsmoBSC | Feature | New | Low | Support for parsing incoming BSSMAP LOAD INDICATION | | 01/27/2021 02:41 PM | Related to #4979,Related to #4980 |
| 4978 | OsmoBSC | Feature | New | Low | Support for generating BSSMAP LOAD INDICATION | | 01/27/2021 02:40 PM | Related to #4979,Related to #4980 |
| 4682 | OsmoBSC | Feature | New | Low | OM2000 MCTR Support for Ericsson RBS6000 / DUG 20 | | 07/30/2020 06:51 AM | Precedes #4682 |
| 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 | |
| 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 |

| # | Project | Tracker | Status | Priority | Subject | Assignee | Updated | Related issues |
|------|---------|---------|-------------|----------|---|----------|---------------------|---|
| 4537 | OsmoBSC | Feature | In Progress | Normal | OsmoBSC needs strategies to recover broken lchans (lchan state BORKEN) | | 11/20/2023 05:03 PM | Related to #4537,Related to #4540,Related to #4541,Related to #5106 |
| 4536 | OsmoBSC | Feature | New | Normal | Multi BTS support within a single physical device | | 06/21/2020 01:10 PM | |
| 4189 | OsmoBSC | Feature | New | Low | TTCN-3 tests for load-based hand-over in BSC | | 09/04/2019 09:10 AM | Related to #4189 |
| 3831 | OsmoBSC | Feature | New | Low | BSC support for "network sharing" via MOCN | | 01/20/2021 10:03 AM | Related to #4473 |
| 3638 | OsmoBSC | Feature | New | Low | handover decision 2: load balancing across BSS | | 10/16/2018 01:16 PM | Related to #3638,Related to #3638,Related to #3638 |
| 3486 | OsmoBSC | Feature | New | Low | handover decision: congestion: figure out the tradeoff: re-assign within same cell vs. handover to another cell | | 10/16/2018 01:16 PM | Related to #3486,Related to #3638 |
| 3485 | OsmoBSC | Feature | New | Low | handover to make room for a less capable subscriber | | 10/16/2018 01:16 PM | Related to #3485 |
| 3484 | OsmoBSC | Feature | New | Low | handover decision: if rxlev is ok but rxqual is bad, move to different timeslot with same TCH kind to avoid interference | | 10/16/2018 01:30 PM | |
| 3482 | OsmoBSC | Feature | New | Low | handover decision: if a new call causes congestion that would trigger immedate re-assignment, assigning the other TCH kind from the start | | 10/16/2018 01:15 PM | Related to #3482 |
| 3481 | OsmoBSC | Feature | New | Normal | handover from TCH/H to TCH/F to reduce load | | 06/08/2020 07:08 PM | Related to #3481,Related to #3481 |
| 3480 | OsmoBSC | Feature | New | Normal | handover from TCH/F to TCH/H to reduce load | | 06/08/2020 07:08 PM | Related to #3480,Related to #3481 |
| 3479 | OsmoBSC | Feature | New | Normal | test "every single failure" in osmo-bsc FSMs | | 08/20/2018 11:15 AM | Related to #3479 |
| 3330 | OsmoBSC | Feature | New | Normal | osmo-bsc: Implement IMMEDIATE ASSIGNMENT EXTENDED | | 06/08/2018 12:14 PM | Related to #3330 |
| 3097 | OsmoBSC | Feature | New | Normal | ramping of "rxlev access min" | | 03/22/2018 11:51 AM | Related to #3097 |
| 2918 | OsmoBSC | Feature | New | Low | Implement a function to properly test connection clearing in MSC_ConnectionHandler.ttcn (BSC-Tests) | | 01/08/2020 10:21 PM | |
| 2893 | OsmoBSC | Feature | Stalled | Low | automatic simulator for large LU load | | 09/04/2019 09:23 AM | Related to #2722,Related to #2591,Blocks #2893,Blocks #2893 |
| 2462 | OsmoBSC | Feature | New | Low | clarify lchan->encr.alg_id | | 08/24/2017 01:27 PM | Related to #2462 |
| 1946 | OsmoBSC | Feature | New | Low | Add checks to the BSC VTY to prevent configurations known to not work | | 10/20/2020 08:40 AM | Related to #1614 |
| 1858 | OsmoBSC | Feature | New | Normal | make BSC also generate ALERTs | | 12/10/2017 07:59 PM | |

| # | Project | Tracker | Status | Priority | Subject | Assignee | Updated | Related issues |
|------|------------|---------|--------|----------|--|----------|---------------------|-----------------------------------|
| 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 |
| 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 | |
| 1613 | OsmoBSC | Feature | New | Low | make BTS/TRX configuration changes without having to drop BTS OML link | | 12/10/2017 08:06 PM | |
| 1600 | OsmoBSC | Feature | New | Low | BSC: Make SI / rest octests more configurable | | 12/10/2017 08:04 PM | |
| 39 | OsmoBSC | Feature | New | Low | Logging filter on bts/trx or such | | 06/08/2020 07:07 PM | |
| 4124 | OsmoBSCNAT | Feature | New | Normal | OsmoBSCNAT : Write user manual | | 01/08/2020 10:56 PM | Related to #4124 |
| 6167 | OsmoBTS | Feature | New | Low | csd_v110: implement rate adaptation for TCH/F14.4 | | 09/01/2023 11:58 AM | Related to #6167,Related to #6346 |
| 6036 | OsmoBTS | Feature | New | Normal | Implement ternary SID classification for HR1 uplink | | 05/17/2023 09:48 PM | Related to #6036,Related to #6036 |
| 5256 | OsmoBTS | Feature | New | High | support for random padding in LAPDm downlink messages | | 10/12/2021 11:17 AM | Related to #5256 |
| 4989 | OsmoBTS | Feature | New | Low | AMR RATSCCH support | | 01/28/2021 01:41 PM | |
| 4988 | OsmoBTS | Feature | New | Low | No TTCN3 test for AMR TFO / DL CMR handling | | 01/28/2021 01:38 PM | |
| 4987 | OsmoBTS | Feature | New | Low | No TTCN3 test for AMR DTX FSMs | | 01/28/2021 01:37 PM | Related to #5474 |
| 4986 | OsmoBTS | Feature | New | Low | No TTCN3 tests of AMR rate/link adaptation | | 01/28/2021 01:36 PM | |
| 4473 | OsmoBTS | Feature | New | Low | Support for broadcast of MOCN related SI21/22/23 | | 03/29/2020 07:39 PM | Related to #4473 |
| 4014 | OsmoBTS | Feature | New | Low | Allow multiple [virtual] BTS instances on same [SDR] hardware that supports multiple TRX | | 05/21/2019 12:07 PM | |
| 3329 | OsmoBTS | Feature | New | Normal | osmo-bts: Implement IMMEDIATE ASSIGNMENT EXTENDED | | 06/08/2018 12:02 PM | Related to #3330 |
| 2827 | OsmoBTS | Feature | New | Low | would be nice if logging of the BTS number in osmo-bts matched the BTS number used in osmo-bsc | | 06/23/2018 06:48 PM | |
| 2366 | OsmoBTS | Feature | New | Low | OsmoBTS lacks EXTENDED BCCH support | | 07/15/2017 10:42 AM | Related to #1575,Related to #2014 |
| 1926 | OsmoBTS | Feature | New | Low | unify *_mgr code | | 07/18/2019 06:08 AM | |
| 1902 | OsmoBTS | Feature | New | Low | unify/refactor dynamic timeslot code | | 01/08/2020 10:56 PM | Related to #1902,Related to #3099 |
| 1837 | OsmoBTS | Feature | New | Low | autogenerate dtx_dl_amr_fsm.* | | 03/01/2018 11:17 PM | |
| 1771 | OsmoBTS | Feature | New | Low | osmo-bts-trx: clarify check_transceiver_availability() | | 03/01/2018 11:17 PM | Related to #1770 |
| 1755 | OsmoBTS | Feature | New | Low | osmo-bts-sysmo L1: unify hLayer3 handling | | 02/02/2017 04:00 PM | Related to #1755 |
| 1692 | OsmoBTS | Feature | New | Low | clock source monitoring | | 04/13/2016 09:49 AM | |

| # | Project | Tracker | Status | Priority | Subject | Assignee | Updated | Related issues |
|------|--|---------|---------|----------|---|----------|---------------------|------------------------------------|
| 1579 | OsmoBTS | Feature | New | Low | Use epoll | | 01/15/2021 01:44 PM | |
| 1576 | OsmoBTS | Feature | New | Low | consider using hLayer2 as a pointer storage | | 02/02/2017 04:11 PM | Related to #1755 |
| 1573 | OsmoBTS | Feature | New | Low | ENHANCED MEASUREMENT REPORT | | 07/19/2021 04:13 PM | |
| 1571 | OsmoBTS | Feature | New | Low | Support RTP multiplexing instead of per-call RTP streams | | 02/23/2016 03:32 PM | |
| 1570 | OsmoBTS | Feature | New | Low | Select RTP payload identifier based on requested speech mode | | 02/23/2016 03:31 PM | |
| 1561 | OsmoBTS | Feature | New | Low | Multi-TRX support (one osmo-bts process per TRX) | | 02/23/2016 03:18 PM | |
| 61 | OsmoBTS | Feature | New | Low | osmo-bts: split TRAU/RTP frame handling into separate process | | 06/13/2016 01:16 PM | |
| 5721 | OsmoCBC | Feature | New | Normal | CBC messages Geographical Scope and CBS Index | | 10/19/2022 07:23 AM | |
| 5641 | OsmoCBC | Feature | New | Normal | OsmoCBC doesn't yet support reloading cells becoming operational with active messages | | 08/05/2022 05:10 PM | |
| 5167 | Osmocom Analog | Feature | New | Low | LimeNet Micro | | 04/02/2023 08:57 AM | |
| 6447 | Osmocom Conferences (OsmoDevCon, OsmoCon, OsmoDevCall) | Feature | New | Normal | have more time slots without a takl | | 05/07/2024 11:48 AM | |
| 6348 | OsmocomBB | Feature | New | Normal | virtphy: add Circuit Switched Data (CSD) support | | 01/26/2024 10:03 PM | Related to #6348 |
| 6347 | OsmocomBB | Feature | New | Normal | mobile: support data calls @ 300 bps and 1200/75 bps (TCH/[FH]2.4) | | 01/26/2024 09:54 PM | Related to #6347 |
| 6346 | OsmocomBB | Feature | New | Normal | mobile: support data calls @ 14400 bps (TCH/F14.4) | | 01/26/2024 10:03 PM | Related to #6346, Related to #6346 |
| 5815 | OsmocomBB | Feature | New | Low | mobile: compose Bearer Capability IE depending on PHY capabilities and GAPK codec support | | 12/06/2022 07:38 PM | Related to #5815, Related to #5815 |
| 5812 | OsmocomBB | Feature | New | Low | mobile: missing AMR support | | 12/06/2022 03:07 PM | Related to #5812 |
| 5505 | OsmocomBB | Feature | New | Normal | GPRS mobility (cell change) support | | 07/01/2022 06:24 AM | Related to #5505 |
| 5504 | OsmocomBB | Feature | New | Normal | GSM/GPRS coordination (RR/GRR) | | 05/23/2023 12:31 PM | Related to #5504 |
| 4418 | OsmocomBB | Feature | New | Normal | test-sim: support all libosmocore algorithms (comp128 v1, v2, v3; MILENAGE) | | 02/26/2020 11:41 PM | |
| 3387 | OsmocomBB | Feature | New | Low | osmocon: Use libosmocore logging system | | 10/05/2018 04:21 PM | |
| 3280 | OsmocomBB | Feature | New | Low | Multiparty SS support in OsmocomBB | | 05/22/2018 07:40 AM | |
| 2913 | OsmocomBB | Feature | New | Low | Add a tool that decodes Cell Broadcasts (SMS-SCB) | | 09/29/2018 09:31 AM | Related to #3564 |
| 2379 | OsmocomBB | Feature | New | Normal | package as .deb | | 02/27/2020 02:39 PM | |
| 2378 | OsmocomBB | Feature | New | Normal | Remove copy-pasted libosmocore ("git subtree") from osmocom-bb.git | | 10/24/2018 02:13 PM | |
| 3424 | OsmocomBB SDR PHY | Feature | Stalled | Normal | Transceiver: implement automatic TX delay measurement | | 07/09/2023 07:46 PM | |
| 3423 | OsmocomBB SDR PHY | Feature | Stalled | Normal | Receiver: hard-coded GSM 05.02 channel configuration | | 07/09/2023 07:45 PM | |

| # | Project | Tracker | Status | Priority | Subject | Assignee | Updated | Related issues |
|------|----------------------------|---------|--------|----------|--|----------|---------------------|------------------|
| 5395 | OsmocomDECT | Feature | New | Normal | Support for LMX3161 | | 01/09/2022 12:55 PM | |
| 4596 | OsmocomTETRA | Feature | New | Normal | Port to GR3.8 | | 01/08/2021 05:23 PM | |
| 6298 | OsmoGGSN (former OpenGGSN) | Feature | New | Normal | osmo-ggsn not providing MTU of the GTP tunnel to the MS | | 02/15/2024 10:30 PM | Related to #6298 |
| 4433 | OsmoGGSN (former OpenGGSN) | Feature | New | Normal | sgsnemu: Add support for IPv4v6 EUAs | | 03/04/2020 10:44 AM | |
| 4415 | OsmoGGSN (former OpenGGSN) | Feature | New | Normal | Document in OsmoGGSN User Manual the IPv6 allocation process over GTP | | 02/25/2020 03:05 PM | |
| 4033 | OsmoGGSN (former OpenGGSN) | Feature | New | Normal | ttcn3-ggsn-test: Add tests to verify secondary pdp context management | | 05/30/2019 03:19 PM | |
| 2494 | OsmoGGSN (former OpenGGSN) | Feature | New | Low | IPv6 support on the outer (transport) layer | | 02/06/2021 12:09 PM | |
| 5838 | OsmoGSMTester | Feature | New | Normal | Implement power switching for all BTSs | | 12/20/2022 05:30 PM | |
| 4900 | OsmoGSMTester | Feature | New | Low | hardware and wiring verification / selftest | | 12/08/2020 11:03 AM | |
| 3564 | OsmoGSMTester | Feature | New | Normal | Investigate ofono and modems Cell Broadcast support | | 01/08/2020 10:42 PM | Related to #3564 |
| 2861 | OsmoGSMTester | Feature | New | Normal | osmo-gsm-tester: Add 3g support for sysmocell-5k | | 12/02/2019 01:36 PM | Related to #2860 |
| 2707 | OsmoGSMTester | Feature | New | Normal | Add support for verifying content of log files after test is run | | 12/04/2017 05:05 PM | |
| 2646 | OsmoGSMTester | Feature | New | Normal | osmo-gsm-tester: Add osmo-sip-connector support | | 04/23/2018 10:40 AM | |
| 2612 | OsmoGSMTester | Feature | New | Low | Allow skipping pcaps by configuration if access to tcpdump is not wanted | | 04/06/2020 11:25 AM | |
| 2468 | OsmoGSMTester | Feature | New | Low | ofono: gobi modem doesn't support ofono SupplementaryServices interface | | 01/08/2020 10:51 PM | |

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