

all-by-project

| # | Project | Category | Tracker | Status | Priority | Subject | Assignee | Updated | Related issues |
|---|---------------------------------|----------|---------|--------|----------|--|----------|---------------------|---|
| cellmgr-ng (1) | | | | | | | | | |
| 1664 | cellmgr-ng | | Bug | New | Normal | m3ua connection should make non-blocking connect | zecke | 03/17/2016 10:37 AM | |
| Cellular Modem Information (1) | | | | | | | | | |
| 3658 | Cellular Modem Information | | Feature | New | Normal | Create a "osmocom-bb-host-latest" docker container | | 10/16/2018 02:11 PM | Related to #3658 |
| Cellular Network Infrastructure (69) | | | | | | | | | |
| 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 | |
| 1612 | Cellular Network Infrastructure | | Bug | New | Low | more configuration consistency checking | sysmocom | 09/30/2018 11:48 AM | |
| 1863 | Cellular Network Infrastructure | | Feature | New | Low | check max_power_red vty command | osmith | 09/30/2018 11:47 AM | |
| 1967 | Cellular Network Infrastructure | | Bug | New | Low | osmo-sim-auth: NoneType exception with AUTN generated from OP | dexter | 01/23/2019 02:57 PM | |
| 1975 | Cellular Network Infrastructure | | Feature | New | Low | Redesigned configuration management / MIB | laforge | 09/17/2019 05:51 PM | |
| 2011 | Cellular Network Infrastructure | | Feature | New | Low | clean-up / merge IPA (and IPA CCM) code of libosmocore, libosmo-abis, libosmo-netif, openbsc, etc. | | 04/15/2017 12:54 PM | |
| 2385 | Cellular Network Infrastructure | | Feature | New | Low | validate debian rules/control as part of jenkins build testing | osmith | 09/30/2018 08:16 AM | |
| 2451 | Cellular Network Infrastructure | | Feature | New | Low | Add static builds to jenkins jobs | osmith | 09/30/2018 08:18 AM | |
| 2531 | Cellular Network Infrastructure | | Feature | New | Low | tweak TODO-RELEASE and LIBVERSION comments to match latest osmo-mgw edits | pespin | 05/04/2018 12:05 PM | Related to #2531 |
| 2554 | Cellular Network Infrastructure | | Feature | New | Low | Reference/Demo setup + documentation for use of OsmoBSC+OsmoBSCNAT with OSMUX | pespin | 07/18/2019 05:22 AM | Related to #2553,Related to #2552,Related to #2551,Related to #2554 |
| 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 |
| 2599 | Cellular Network Infrastructure | | Feature | New | Low | automatically determine unit test coverage | | 09/30/2018 08:20 AM | Is duplicate of #1987 |

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|------|---------------------------------|----------|---------|--------|----------|--|------------------------|---------------------|------------------|
| 2819 | Cellular Network Infrastructure | | Feature | New | Low | migrate to python3 | | 07/18/2019 05:22 AM | |
| 2839 | Cellular Network Infrastructure | | Bug | New | Low | statistics split between 2G and 3G | | 07/18/2019 05:22 AM | |
| 3142 | Cellular Network Infrastructure | | Feature | New | Low | Further simplification of "NITB like" setups | Osmocom CNI Developers | 04/05/2018 08:09 PM | |
| 3167 | Cellular Network Infrastructure | | Bug | New | Low | Build osmo-*-master docker containers with address sanitizer | osmith | 07/18/2019 05:22 AM | Related to #3167 |
| 3229 | Cellular Network Infrastructure | | Feature | New | Low | build-system: jenkins.sh: Improve debian package generation test coverage during gerrit submission | sysmocom | 05/08/2019 02:36 PM | Related to #3228 |
| 3567 | Cellular Network Infrastructure | | Bug | New | Low | coverity: move the secret token out of \$HOME/osmo-ci/.../ | lynxis | 07/18/2019 05:22 AM | |
| 3628 | Cellular Network Infrastructure | | Feature | New | Low | document nanoBTS calibration procedure using ipaccess-config tool | laforge | 01/14/2019 03:36 PM | Related to #3628 |
| 3670 | Cellular Network Infrastructure | | Feature | New | Low | TTCN-3 tests for statsd exporter code | | 09/04/2019 09:03 AM | |
| 3694 | Cellular Network Infrastructure | | Bug | New | Low | Fix lintian warnings in .deb packages | | 07/18/2019 05:20 AM | Related to #3699 |
| 3714 | Cellular Network Infrastructure | | Feature | New | Low | implement Internal Handover With MSC Support | | 05/08/2019 11:57 AM | Related to #3714 |
| 3753 | Cellular Network Infrastructure | | Bug | New | Low | Update .deb to use dh_missing | sysmocom | 07/18/2019 05:22 AM | Related to #3753 |
| 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 | |
| 3982 | Cellular Network Infrastructure | | Feature | New | Low | osmo-depcheck.py: set dependency hashes on command line | osmith | 05/08/2019 11:51 AM | |
| 4040 | Cellular Network Infrastructure | | Feature | New | Low | Use "COPY --from" in Dockerfiles to avoid cloning from scratch again and again | sysmocom | 06/04/2019 09:49 AM | |
| 4108 | Cellular Network Infrastructure | | Bug | New | Low | osmo-ctrl2cgi, osmo-trap2cgi: missing default configs | | 07/16/2019 12:30 PM | Related to #4108 |
| 4109 | Cellular Network Infrastructure | | Feature | New | Low | debian-repo-install-test: start a virtual MS and perform a LU | osmith | 07/16/2019 12:36 PM | Related to #4109 |
| 4132 | Cellular Network Infrastructure | | Feature | New | Low | idea: osmo-gsm-manuals: use asciidoctor-pdf instead of a2x | osmith | 07/29/2019 07:38 AM | |
| 4198 | Cellular Network Infrastructure | | Support | New | Low | Ignoring TX data, transceiver offline. | | 09/13/2019 05:46 PM | |
| 4246 | Cellular Network Infrastructure | | Bug | New | Low | Debian testing/unstable fails to build osmocom due to python-nwdiag -> python3-nwdiag transitio | osmith | 11/05/2019 02:01 AM | |

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| 1652 | Cellular Network Infrastructure | | Bug | New | Normal | Expose statistics / KPIs programmatically | | 03/10/2017 09:35 PM | Related to #1652,Related to #1652,Related to #1652,Related to #1766 |
| 1921 | Cellular Network Infrastructure | | Bug | New | Normal | osmo-gsm-manuals: Purge-MS operation doc error? | daniel | 03/16/2018 07:55 PM | |
| 2791 | Cellular Network Infrastructure | | Bug | New | Normal | osmo-python-tests: osmo_ctrl.py: there is no argument to get the list of avaiable stats | lynxis | 05/08/2019 02:43 PM | |
| 3192 | Cellular Network Infrastructure | | Bug | New | Normal | meas_vis: use the lchan identity as primary key, not the IMSI | laforge | 05/08/2019 02:37 PM | Related to #3192,Related to #3192 |
| 3227 | Cellular Network Infrastructure | | Feature | New | Normal | general idea: separate GSUP spec document | roh | 07/17/2019 07:50 PM | Is duplicate of #3227 |
| 3382 | Cellular Network Infrastructure | | Bug | New | Normal | Investigate and fix lintian issues listed by Debian Lintian Report | osmith | 09/01/2018 08:40 PM | |
| 3386 | Cellular Network Infrastructure | | Feature | New | Normal | Generate man pages at build time from adoc files | osmith | 11/15/2018 09:42 AM | Precedes #3386 |
| 3417 | Cellular Network Infrastructure | | Bug | New | Normal | show asciidoc counters does not show all the counters available | | 09/04/2019 09:21 AM | Related to #3417 |
| 3477 | Cellular Network Infrastructure | | Feature | New | Normal | add a wiki page explaining interconnection between components across several machines | | 09/04/2019 09:21 AM | |
| 3541 | Cellular Network Infrastructure | | Bug | New | Normal | Conflicting Debian packages: python3-osmopy-utils and osmocom-nitb | osmith | 09/30/2018 11:53 AM | Related to #3541 |
| 3660 | Cellular Network Infrastructure | | Bug | New | Normal | TTCN3 Jenkins jobs leave Docker containers running when stopped | osmith | 10/11/2019 01:04 PM | |
| 3699 | Cellular Network Infrastructure | | Feature | New | Normal | merge Debian patches | Hoernchen | 07/16/2019 08:00 PM | Related to #3699,Related to #3753 |
| 4063 | Cellular Network Infrastructure | | Feature | New | Normal | Add current version information to the VTY reference manuals | | 06/19/2019 09:51 AM | |
| 4069 | Cellular Network Infrastructure | | Bug | New | Normal | Implement IPA PING/PONG mechanism everywhere | Hoernchen | 06/21/2019 02:44 PM | Related to #4072 |
| 4073 | Cellular Network Infrastructure | | Feature | New | Normal | try to get counter and vty reference information at compile time | Hoernchen | 07/03/2019 12:20 AM | Related to #4073 |
| 4086 | Cellular Network Infrastructure | | Support | New | Normal | Testing the 3G Osmocom Network without a Femto Cell | | 07/10/2019 09:15 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 | 07/05/2019 02:10 PM | |
| 4107 | Cellular Network Infrastructure | | Feature | New | Normal | Start systemd services as non-root user | osmith | 07/15/2019 06:56 AM | Related to #4107 |

| # | Project | Category | Tracker | Status | Priority | Subject | Assignee | Updated | Related issues |
|------|---------------------------------|----------|---------|-------------|----------|---|----------|---------------------|--|
| 4139 | Cellular Network Infrastructure | | Bug | New | Normal | "make pdf" target exists, but does nothing | osmith | 08/02/2019 08:42 AM | |
| 4141 | Cellular Network Infrastructure | | Bug | New | Normal | No osmux specific code in place during codec negotiation | sysmocom | 08/05/2019 03:57 PM | |
| 3127 | Cellular Network Infrastructure | | Bug | New | High | update the [[Osmocom Network In The Box]] wiki page | daniel | 05/08/2019 02:37 PM | |
| 2620 | Cellular Network Infrastructure | | Bug | New | Urgent | Testing NITB Migration Guide | roh | 05/08/2019 02:40 PM | Related to #2620 |
| 2623 | Cellular Network Infrastructure | | Feature | New | Urgent | SCCP/M3UA: detect restart of osmo-msc and osmo-sgsn | laforge | 07/18/2019 05:18 AM | Related to #3403 |
| 4131 | Cellular Network Infrastructure | | Bug | In Progress | Low | osmo-gsm-manuals: Use leveloffset attribute on common documents | osmith | 08/02/2019 09:54 AM | Related to #4140 |
| 3772 | Cellular Network Infrastructure | | Bug | In Progress | Normal | new build host tcc-deb9build: failure to push manuals | laforge | 02/01/2019 09:21 AM | Related to #3772 |
| 2604 | Cellular Network Infrastructure | | Feature | In Progress | High | GSUP-to-DIAMETER converter / IWF | laforge | 08/29/2019 03:10 PM | |
| 3794 | Cellular Network Infrastructure | | Bug | In Progress | High | 'make install' overwrites \$prefix/etc/osmocom/*.cfg | osmith | 07/30/2019 08:50 AM | |
| 4227 | Cellular Network Infrastructure | | Bug | In Progress | High | all package builds for Debian testing and unstable fail | laforge | 10/15/2019 11:42 AM | |
| 4006 | Cellular Network Infrastructure | | Feature | Feedback | Urgent | TRX protocol: wind of change | fixeria | 08/06/2019 11:49 AM | Related to #4006,Related to #4006,Related to #4006,Related to #4081,Blocks #3428 |
| 2537 | Cellular Network Infrastructure | | Feature | Stalled | Normal | package wireshark with osmocom patches | pespin | 08/17/2018 09:15 AM | |
| 2558 | Cellular Network Infrastructure | | Feature | Stalled | Normal | Scripts to manage thousands of "mobile" and hundreds of osmo-bts-virtual instances | | 09/04/2019 09:22 AM | Related to #2557,Related to #2556,Related to #2555,Related to #2558,Blocks #2893 |
| 2728 | Cellular Network Infrastructure | | Bug | Stalled | Normal | Align better with 48.103 for AoIP user plane (AMR marker bit for frame following ONSET) | | 09/04/2019 09:34 AM | Related to #3798 |
| 3725 | Cellular Network Infrastructure | | Bug | Stalled | Normal | Jenkins isn't using the credentials store for uploading to rita.osmocom.org | osmith | 02/01/2019 10:39 AM | Related to #3725,Related to #3725,Related to #3726,Related to #3772 |

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| 4044 | Cellular Network Infrastructure | | Feature | Stalled | Normal | regenerate vty reference during release process | osmith | 07/16/2019 01:52 PM | Related to #4044,Related to #4053,Related to #4073 |
| 4123 | Cellular Network Infrastructure | | Bug | Stalled | Normal | gcc & LTO related issues | Hoernchen | 07/22/2019 04:46 PM | Related to #4123,Related to #4123,Related to #4123,Related to #4123,Related to #4123 |
| 1719 | Cellular Network Infrastructure | | Support | Stalled | High | review different 'getting started' guides in the wiki and unify/update them | daniel | 03/27/2018 01:40 PM | Related to #1719 |

Core testing infrastructure (3)

| | | | | | | | | | |
|------|-----------------------------|--|---------|----------|--------|--|----------|---------------------|--|
| 4203 | Core testing infrastructure | | Bug | New | Normal | Make ttcn3-bts-test(-latest) artifacts smaller | sysmocom | 09/13/2019 11:18 AM | |
| 4176 | Core testing infrastructure | | Bug | Feedback | Normal | ttcn3-sgsn: Sporadic failures since lu support introduced | laforge | 08/27/2019 05:32 PM | |
| 4212 | Core testing infrastructure | | Feature | Feedback | Normal | TTCN3 docker containers: tell glibc to print segfault output to stderr | sysmocom | 11/13/2019 04:09 PM | |

E1/T1 Hardware Interface (8)

| | | | | | | | | | |
|------|--------------------------|--|---------|-------------|--------|---|----------|---------------------|--|
| 3237 | E1/T1 Hardware Interface | | Feature | New | Normal | Come up with GPS-DO design for E1 Interface | vogelchr | 06/01/2018 09:50 PM | Related to #3237,Related to #3272,Related to #3967 |
| 3272 | E1/T1 Hardware Interface | | Feature | New | Normal | next-generation osmo-e1-xcvr board | vogelchr | 09/10/2018 11:22 AM | Related to #3272 |
| 3968 | E1/T1 Hardware Interface | | Feature | New | Normal | find enclosure for ICE40 E1 board | | 04/30/2019 09:41 AM | |
| 3967 | E1/T1 Hardware Interface | | Feature | New | Normal | design a custom board for the ICE40 E1 adapter | | 04/30/2019 09:34 AM | Related to #3967 |
| 3260 | E1/T1 Hardware Interface | | Bug | New | High | Implement libosmo-abis input for new E1 interface | laforge | 07/18/2019 05:34 AM | Related to #3965,Related to #3260 |
| 3966 | E1/T1 Hardware Interface | | Feature | In Progress | Normal | finish the USB-E1 ICE40 prototype | tnt | 04/30/2019 08:49 AM | |
| 3965 | E1/T1 Hardware Interface | | Feature | In Progress | Normal | ICE40 based USB E1 adapter | tnt | 04/30/2019 08:48 AM | Related to #3965,Related to #3965,Related to #3965 |

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|------------------------|--------------------------|----------|---------|----------|----------|---|-----------|---------------------|-----------------------------------|
| 2484 | E1/T1 Hardware Interface | | Feature | Stalled | Low | Architecture of USB E1/T1/J1 adapter | laforge | 05/30/2018 03:03 PM | Related to #3242,Related to #3237 |
| FidoNet (1) | | | | | | | | | |
| 2805 | FidoNet | | Bug | New | Low | Create reproducible / semi-automatic way to create FidoNet node on Linux | | 07/18/2019 05:34 AM | |
| gr-gsm (9) | | | | | | | | | |
| 3460 | gr-gsm | | Feature | New | Low | python/trx/radio_if.py: (re)implement 'dict_toggle_sign' block in C++ | | 08/09/2018 08:18 PM | |
| 3422 | gr-gsm | | Bug | New | Normal | Receiver: sample / burst buffering problem | ptrkrysik | 07/27/2018 07:56 PM | |
| 3424 | gr-gsm | | Feature | New | Normal | Transceiver: implement automatic TX delay measurement | ptrkrysik | 07/26/2018 08:22 PM | |
| 3425 | gr-gsm | | Bug | New | Normal | Receiver: missing AGC (Automatic Gain Control) | | 07/26/2018 08:25 PM | |
| 4068 | gr-gsm | | Feature | New | Normal | Implement a GNU Radio block for frequency hopping | ptrkrysik | 06/21/2019 11:40 AM | |
| 3662 | gr-gsm | | Bug | New | Normal | not building on OSX 10.13.4 | | 10/29/2018 08:52 AM | |
| 3459 | gr-gsm | | Bug | New | High | apps/grgsm_trx: AssertionError: packet_info.packet_count == (seq_to_ack & 0xff) | ptrkrysik | 08/10/2018 07:58 AM | |
| 3458 | gr-gsm | | Bug | Feedback | High | apps/grgsm_trx: [ERROR] [STREAMER] recv packet demuxer unexpected sid 0xXX | | 09/21/2018 10:12 AM | Related to #3692 |
| 3423 | gr-gsm | | Feature | Stalled | Normal | Receiver: hard-coded GSM 05.02 channel configuration | ptrkrysik | 02/06/2019 10:00 AM | |
| gr-osmosdr (19) | | | | | | | | | |
| 3593 | gr-osmosdr | | Bug | New | Low | rtl: 'len' argument ignored in librtlsdr callback | horiz0n | 07/18/2019 05:35 AM | |
| 3597 | gr-osmosdr | | Feature | New | Low | rtl: send final samples when device is lost | horiz0n | 07/18/2019 05:35 AM | |
| 2216 | gr-osmosdr | | Bug | New | Normal | uhd: LO offset doesn't seem to work properly | | 06/03/2018 12:08 PM | |
| 3240 | gr-osmosdr | | Bug | New | Normal | Expose airspy gain setting in gr-osmosdr block | | 06/03/2018 12:08 PM | |
| 3414 | gr-osmosdr | | Feature | New | Normal | Include Airspy serial number in connection string. | horiz0n | 07/24/2018 04:52 AM | |
| 3512 | gr-osmosdr | | Support | New | Normal | Bug #3462 on Arch Linux; gr-osmosdr install fails | horiz0n | 01/26/2019 06:10 PM | |
| 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 | |
| 3663 | gr-osmosdr | | Bug | New | Normal | Can't compile gr-osmosdr on macOS Mojave | | 10/19/2018 02:37 PM | |
| 3802 | gr-osmosdr | | Feature | New | Normal | New release | horiz0n | 02/15/2019 07:22 AM | |
| 3462 | gr-osmosdr | | Bug | New | Normal | gr-osmosdr installation bladerf conversion errors | horiz0n | 07/18/2019 05:35 AM | |
| 3592 | gr-osmosdr | | Bug | New | Normal | rtl: Race Conditions | horiz0n | 07/18/2019 05:35 AM | |

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|--|--------------------------------|----------|---------|-------------|----------|--|----------|---------------------|----------------|
| 3855 | gr-osmosdr | | Bug | New | Normal | Cannot build gr-osmosdr with Gnuradio 3.8 | horiz0n | 09/28/2019 06:49 AM | |
| 3882 | gr-osmosdr | | Bug | New | Normal | Cannot compile gr-osmosdr! | horiz0n | 07/18/2019 05:35 AM | |
| 4098 | gr-osmosdr | | Bug | New | Normal | [BladeRF micro] Arguments set in osmocomb Sink and Source are not passed to libbladerf | horiz0n | 07/18/2019 05:35 AM | |
| 2824 | gr-osmosdr | | Bug | New | High | Corrupted double-linked for Raspbian Stretch when running osmocomb_fft (and any other program using osmosdr.source | | 06/03/2018 12:08 PM | |
| 3734 | gr-osmosdr | | Bug | New | High | Cannot compile gr-osmocomb | | 12/16/2018 12:22 AM | |
| 3819 | gr-osmosdr | | Support | New | Urgent | OSMO SDR blocks for GNUradio | | 02/28/2019 06:00 PM | |
| GSM Audio Pocket Knife (2) | | | | | | | | | |
| 3398 | GSM Audio Pocket Knife | | Bug | New | Normal | build: configure fails if (optional) libalsa wasn't found | fixeria | 07/16/2018 08:45 PM | |
| 2514 | GSM Audio Pocket Knife | | Bug | Stalled | Normal | GSM HR encoding result does not match the reference | fixeria | 04/03/2019 08:37 AM | |
| libosmo-abis (4) | | | | | | | | | |
| 2571 | libosmo-abis | | Bug | New | Low | libosmo-abis API documentation missing (doxygen) | daniel | 08/08/2018 11:20 AM | |
| 2717 | libosmo-abis | | Bug | New | Low | libosmo-abis doesn't use ipa_ccm_make_id_resp() | | 12/06/2017 05:47 PM | |
| 3622 | libosmo-abis | | Bug | New | Normal | Clear API mess in sign_link_up callback | pespin | 10/02/2018 07:34 PM | |
| 4248 | libosmo-abis | | Bug | In Progress | High | debian nightly packages without dahdi support | laforge | 11/11/2019 04:15 PM | |
| libosmo-netif (4) | | | | | | | | | |
| 3006 | libosmo-netif | | Bug | New | Low | Osmux: improvements on lost/dropped RTP packets | | 09/30/2018 08:34 AM | |
| 2439 | libosmo-netif | | Bug | New | Normal | Osmux: overwrite duplicated RTP packets instead of dropping them | pespin | 08/17/2017 07:10 AM | Blocks #2439 |
| 2440 | libosmo-netif | | Bug | New | Normal | Osmux: Improve lost packet recreation mechanism | pespin | 08/14/2017 05:27 PM | Blocks #2439 |
| 3812 | libosmo-netif | | Bug | Stalled | Normal | stream_test fails depending on where it is run | | 03/13/2019 04:15 PM | |
| libosmo-ranap (2) | | | | | | | | | |
| 4143 | libosmo-ranap | | Feature | New | Normal | Security Mode Command needs distinct UEA1 and UEA2 options | | 08/06/2019 12:58 PM | Blocks #4144 |
| 3420 | libosmo-ranap | | Bug | Stalled | Normal | ranap_transp_assoc_decode() decodes X.213 NSAP address headers as IP address | osmith | 10/29/2018 02:28 PM | |
| libosmo-sccp + libosmo-sigtran (14) | | | | | | | | | |
| 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 | |

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| 2000 | libosmo-sccp + libosmo-sigtran | | Feature | New | Low | use m3ua-testtool for the ASP-side verification | | 07/18/2019 05:42 AM | |
| 2002 | libosmo-sccp + libosmo-sigtran | | Feature | New | Low | Implement xUA traffic modes for load-balance and broadcast | | 04/10/2017 12:00 PM | |
| 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 | | 04/10/2017 12:04 PM | |
| 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 | |
| 2013 | libosmo-sccp + libosmo-sigtran | | Bug | New | Low | OAP (Osmo Auth Protocol) missing from IPA support in libosmo-sigtran | neels | 09/16/2018 10:35 AM | Related to #1843,Related to #2013,Related to #2554 |
| 2009 | libosmo-sccp + libosmo-sigtran | | Feature | New | Low | Implement SCCP connection coupling ("proxy") | | 04/10/2017 12:09 PM | |
| 2601 | libosmo-sccp + libosmo-sigtran | | Feature | New | Low | osmo-msc still needs libosmo-sccp-dev for SCCP CAUSE definitions | laforge | 10/28/2017 09:49 PM | |
| 2259 | libosmo-sccp + libosmo-sigtran | | Bug | New | Normal | problem with local reference | laforge | 07/19/2017 04:25 PM | |
| 4072 | libosmo-sccp + libosmo-sigtran | | Bug | New | Normal | Implement IPA PING/PONG mechanism in libosmo-sigtran + | Hoernchen | 06/21/2019 02:51 PM | Related to #4072 |
| 3921 | libosmo-sccp + libosmo-sigtran | | Bug | New | Normal | high local reference numbers get cut off | | 04/12/2019 01:23 PM | |
| 3871 | libosmo-sccp + libosmo-sigtran | | Bug | Stalled | High | osmo_scu_prim conn_id should be scoped per-user and direction, and should not correlate with the local-reference spoken on the SCCP wire | osmith | 07/18/2019 09:33 AM | Related to #3871,Related to #3871,Blocks #3872 |
| libosmocore (38) | | | | | | | | | |
| 1872 | libosmocore | | Feature | New | Low | high-performance remote logging | | 10/05/2017 06:27 AM | |
| 1938 | libosmocore | | Bug | New | Low | lapd_core human readable connection IDs in debug log | dexter | 05/17/2018 02:02 PM | |
| 2186 | libosmocore | | Feature | New | Low | split libosmocrypto | | 10/05/2017 06:25 AM | |
| 2610 | libosmocore | | Feature | New | Low | optimize GnuTLS fallback | | 05/01/2018 04:07 PM | Related to #2610,Related to #3909 |
| 3626 | libosmocore | libosmogsm | Bug | New | Low | LAPDm code pulls both 'l1h' and 'l2h' of msgb | fixeria | 11/27/2018 09:43 PM | |
| 3845 | libosmocore | libosmogb | Feature | New | Low | Unified logging in Gb NS / BSSGP code | | 03/16/2019 02:33 PM | |

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| 3987 | libosmcore | libosmcore | Feature | New | Low | introduce libosmcore_init() to replace individual initialization calls | | 05/08/2019 03:03 PM | Related to #3987 |
| 3522 | libosmcore | libosmocoding | Feature | New | Low | libosmocoding: move TCH ordering functions to libosmocodec and share them | fixeria | 09/04/2018 08:49 PM | |
| 4103 | libosmcore | | Feature | New | Low | TUAK support as per 3GPP TS 35.231 | | 07/12/2019 09:55 AM | |
| 1716 | libosmcore | | Feature | New | Normal | enhance unit test coverage | | 08/17/2016 03:57 PM | Related to #1987,Precedes #1717 |
| 1762 | libosmcore | | Bug | New | Normal | Review LAPD code for race conditions regarding state, particularly in RELEASE | | 07/03/2016 08:44 PM | Related to #1760,Related to #1761,Related to #1982 |
| 1761 | libosmcore | | Bug | New | Normal | LAPD: segfault when bootstrapping Nokia InSite | laforge | 05/08/2019 03:07 PM | Related to #1760,Related to #1761,Related to #3975 |
| 1987 | libosmcore | | Feature | New | Normal | gcov code coverage test support | | 03/17/2017 01:05 PM | Related to #1987,Is duplicate of #1987 |
| 2677 | libosmcore | | Support | New | Normal | Make stat_item available over ctrl interface | | 09/04/2019 09:21 AM | Related to #2676 |
| 2682 | libosmcore | | Feature | New | Normal | replace legacy counters with rate_ctr | | 09/04/2019 09:21 AM | |
| 2688 | libosmcore | | Bug | New | Normal | CTRL iface: make rate_ctr request parser more strict | | 11/29/2017 01:40 PM | |
| 2712 | libosmcore | libosmcore | Feature | New | Normal | implement reproducible talloc context printout, i.e. without memory addresses | Hoernchen | 07/11/2019 03:54 PM | Related to #2781 |
| 3309 | libosmcore | | Feature | New | Normal | osmo_timer_* should use monotonic clock | | 05/31/2018 03:59 PM | Related to #3309 |
| 3388 | libosmcore | libosmogb | Bug | New | Normal | NS-RESET / NS-UNBLOCK / NS-BLOCK are not specified over IP/UDP | laforge | 02/23/2019 02:37 PM | Related to #3388 |
| 3909 | libosmcore | | Bug | New | Normal | osmo_get_rand_id() fails in containerised environment | | 04/07/2019 04:05 PM | Related to #3909 |
| 4028 | libosmcore | | Bug | New | Normal | libosmcore build job hangs indefinitely / port 42000 already used | osmith | 07/18/2019 05:50 AM | |
| 3521 | libosmcore | | Feature | New | Normal | core/utills: engineering notation helpers | fixeria | 09/04/2018 08:32 PM | |
| 4104 | libosmcore | | Bug | New | Normal | support for KASME generation | laforge | 07/12/2019 10:15 AM | Related to #4105 |
| 4105 | libosmcore | | Feature | New | Normal | Support for LTE key derivation functions | laforge | 07/13/2019 02:07 AM | Related to #4105 |
| 4149 | libosmcore | | Bug | New | Normal | osmo_fsm allows event names to have spaces in them | laforge | 08/24/2019 12:31 PM | |
| 3867 | libosmcore | | Bug | New | Normal | Some older Osmocom program releases don't build against current master libosmo* | osmith | 03/28/2019 04:30 PM | Related to #3867 |
| 3983 | libosmcore | | Bug | New | Normal | osmo_fsm_inst_change_parent() forgets to talloc reparent | | 05/08/2019 08:00 AM | |

| # | Project | Category | Tracker | Status | Priority | Subject | Assignee | Updated | Related issues |
|------|------------|-------------|---------|-------------|----------|--|------------------------|---------------------|------------------|
| 4053 | libosmcore | libosmoctrl | Feature | New | Normal | CTRL: Add CTRL cmd introspection to print documentation | Hoernchen | 06/14/2019 08:23 PM | Related to #4053 |
| 4074 | libosmcore | libosmogsm | Bug | New | Normal | LAPD timers completely broken | Osmocom CNI Developers | 06/21/2019 04:12 PM | Related to #4074 |
| 4265 | libosmcore | | Bug | New | Normal | --enable-embedded doesn't work as expected | | 11/12/2019 11:18 AM | |
| 1982 | libosmcore | | Bug | New | High | LAPD: segfault in lapd_est_req function | | 07/18/2019 05:49 AM | Related to #1982 |
| 4095 | libosmcore | | Bug | New | High | osmo_get_rand_id() can fail under debian jessie | osmith | 07/18/2019 05:50 AM | |
| 3693 | libosmcore | | Bug | In Progress | Low | gsm_04_08.h: numerous packed structs with sub-byte ints lack the order-swap shims for big endian | | 11/19/2018 02:05 PM | |
| 2676 | libosmcore | | Support | In Progress | Normal | Document stat_item | daniel | 03/19/2018 04:52 PM | Related to #2676 |
| 2475 | libosmcore | libosmogsm | Feature | Feedback | Low | XOR authentication not implemented | | 11/07/2019 02:40 PM | Related to #2475 |
| 3722 | libosmcore | libosmcore | Bug | Feedback | Normal | osmo_clock_gettime broke build on MacOS | pespin | 09/20/2019 10:38 AM | |
| 2905 | libosmcore | libosmogsm | Feature | Feedback | Normal | implement proper/generic mandatory IE validation | fixeria | 09/26/2018 11:03 PM | |
| 1910 | libosmcore | | Feature | Stalled | Normal | add v4 encryption support | | 01/22/2018 10:35 AM | Related to #1910 |

linmodem (9)

| | | | | | | | | | |
|------|----------|--|---------|-----|--------|---|--|---------------------|--|
| 2802 | linmodem | | Feature | New | Low | report the connected speed in "CONNECT" message | | 01/01/2018 12:18 PM | |
| 2803 | linmodem | | Bug | New | Low | return ERROR for unsupported AT commands | | 01/01/2018 12:19 PM | |
| 2804 | linmodem | | Feature | New | Low | DAHDI interface | | 01/01/2018 12:27 PM | |
| 2797 | linmodem | | Bug | New | Normal | X11 support is 16bit plane only | | 01/01/2018 02:48 PM | |
| 2798 | linmodem | | Feature | New | Normal | ALSA Soundcard Support | | 01/01/2018 12:02 PM | |
| 2799 | linmodem | | Feature | New | Normal | SIP client support | | 01/01/2018 12:04 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 | |
| 2815 | linmodem | | Feature | New | Normal | modern ptmx / pty handling (UNIX 98) | | 01/01/2018 02:48 PM | |

Linux Kernel GTP-U (4)

| | | | | | | | | | |
|------|--------------------|--|---------|-----|--------|---|---------|---------------------|--|
| 1832 | Linux Kernel GTP-U | | Feature | New | Normal | OpenvSwitch GTP-u patch for 2.5 | | 10/27/2016 08:56 AM | |
| 1952 | Linux Kernel GTP-U | | Bug | New | Normal | IPv6 support for inner (user) IP layer missing | | 02/18/2017 12:29 PM | |
| 1953 | Linux Kernel GTP-U | | Bug | New | Normal | IPv6 support for outer (transport) IP layer missing | | 02/19/2017 04:45 PM | |
| 1943 | Linux Kernel GTP-U | | Feature | New | High | test setup for Linux kernel GTP-U tunneling module | laforge | 05/30/2018 02:56 PM | |

m.2 (NGFF) WWAN modem USB breakout board (1)

| | | | | | | | | | |
|------|--|--|-----|-------------|--------|---|-----|---------------------|--|
| 4241 | m.2 (NGFF) WWAN modem USB breakout board | | Bug | In Progress | Normal | measure insertion loss for two alternatives of RF adapter on VNA up to 3GHz | roh | 10/25/2019 04:26 PM | |
|------|--|--|-----|-------------|--------|---|-----|---------------------|--|

Misc Hardware Projects (1)

| # | Project | Category | Tracker | Status | Priority | Subject | Assignee | Updated | Related issues |
|-----------------------------------|------------------------|--------------------------------|---------|-------------|----------|---|------------|---------------------|------------------|
| 3566 | Misc Hardware Projects | | Feature | In Progress | Low | build charger for gsm-r toys | roh | 09/30/2018 08:39 AM | |
| Miscellaneous Projects (4) | | | | | | | | | |
| 64 | Miscellaneous Projects | | Bug | New | Normal | osmo-bts-amp: 2.2uF capacitors next to PA need to be 0603, not 0805 | tnt | 02/21/2016 04:48 PM | |
| 3847 | Miscellaneous Projects | | Feature | New | Normal | Osmocom logo with/for black background | tsaitgaist | 03/18/2019 08:54 AM | Blocks #3848 |
| 3848 | Miscellaneous Projects | | Feature | In Progress | Normal | Osmocom stickers wih black background / non-rectangular outline | maiike | 09/04/2019 09:28 AM | Blocks #3848 |
| 3870 | Miscellaneous Projects | | Feature | In Progress | Normal | jenkins job generating tarballs of all tagged releases | osmith | 07/16/2019 07:49 AM | Related to #4084 |
| Mobile (in)Security (7) | | | | | | | | | |
| 1479 | Mobile (in)Security | MS (Mobile Station) | Bug | New | Normal | MTK stack unable to send MO-SMS on TCH/F | | 04/03/2019 09:01 AM | |
| 1482 | Mobile (in)Security | MS (Mobile Station) | Bug | New | Normal | Sending the TMSI of the old/previous network | | 02/21/2016 04:35 PM | |
| 1477 | Mobile (in)Security | Um (MS-BTS) interface | Bug | New | High | RACH flood DoS | | 02/21/2016 04:34 PM | |
| 1478 | Mobile (in)Security | Um (MS-BTS) interface | Bug | New | High | IMSI DETACH DoS | | 09/02/2019 09:00 AM | |
| 1480 | Mobile (in)Security | MS (Mobile Station) | Bug | New | High | A5/3 is not deployed in GSM networks | | 02/21/2016 04:34 PM | |
| 1481 | Mobile (in)Security | BTS (Base Transceiver Station) | Bug | New | High | Random LAPDm MAC-block padding is not deployed yet | | 02/21/2016 04:34 PM | |
| 1483 | Mobile (in)Security | MS (Mobile Station) | Bug | New | High | USSD state is not reset when switching cells | | 02/21/2016 04:34 PM | |
| multi-voltage USB UART (1) | | | | | | | | | |
| 3038 | multi-voltage USB UART | | Feature | New | Normal | Add mounting holes? | | 03/07/2018 02:12 AM | |
| OP25 (19) | | | | | | | | | |
| 3531 | OP25 | | Bug | New | Normal | Unknown status of the p25 wireshark plugin | | 09/07/2018 02:46 PM | |
| 3776 | OP25 | | Bug | New | Normal | Build fail using gcc version 7.3.0 Ubuntu 18.04.1 LTS | | 07/05/2019 07:12 PM | |
| 4130 | OP25 | | Bug | New | Normal | OP25 User Interface | | 07/26/2019 02:36 AM | |
| 4225 | OP25 | | Support | New | Normal | Missing rules in cmake lists? | 2CS350 | 10/12/2019 02:49 PM | |
| 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 | |

| # | Project | Category | Tracker | Status | Priority | Subject | Assignee | Updated | Related issues |
|------|---------|----------|---------|--------|----------|---|----------|---------------------|----------------|
| 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 | |
| 2162 | OP25 | | Bug | New | High | Fix bit-ordering in output for VC55. | | 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 | |
| 2167 | OP25 | | Feature | New | High | Implement Encryption/Decryption P25 blocks | | 04/22/2017 04:15 PM | |
| 2168 | OP25 | | Bug | New | High | Implement Forward error correction for LDU1/2 | | 04/22/2017 04:15 PM | |
| 2169 | OP25 | | Bug | New | High | First-cut of trunking support | | 04/22/2017 04:15 PM | |
| 2171 | OP25 | | Feature | New | High | Use libfftw3 for IFFT/FFT functions. | | 04/22/2017 04:14 PM | |
| 2170 | OP25 | | Bug | New | High | Implement forward error-correction code, remove IT++ dependency | | 04/22/2017 04:14 PM | |
| 2172 | OP25 | | Bug | New | High | HDU often missing in captures | | 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 | stevie | 04/22/2017 04:14 PM | |

OpenBSC (4)

| | | | | | | | | | |
|------|---------|--------------|---------|-----|--------|--|------------------------|---------------------|-----------------------------------|
| 65 | OpenBSC | osmo-bts-amp | Bug | New | Low | MIC29301-5.0 is a TO220-5 footprint part | mschramm | 05/08/2019 03:10 PM | |
| 4094 | OpenBSC | | Bug | New | Normal | multiple crashes due to connection failures / drops | | 07/09/2019 07:41 PM | Related to #4094 |
| 4112 | OpenBSC | | Bug | New | Normal | OpenBSC fails to compile on openSUSE Tumbleweed (gcc 9.1 with LTO enabled) | Hoernchen | 07/18/2019 05:25 AM | Related to #4113,Related to #4123 |
| 2363 | OpenBSC | | Support | New | High | migrate important branches from openbsc.git to new osmo-{msc,bsc,mgw,sgsn}.git | Osmocom CNI Developers | 09/12/2018 02:41 PM | |

osmo-clock-gen (1)

| | | | | | | | | | |
|------|----------------|--|---------|-------------|--------|---|----------|---------------------|--|
| 4064 | osmo-clock-gen | | Support | In Progress | Normal | bom / parts order / production of 3 clock-gen v2 prototypes | mschramm | 08/04/2019 08:37 PM | |
|------|----------------|--|---------|-------------|--------|---|----------|---------------------|--|

osmo-fl2k (4)

| | | | | | | | | | |
|------|-----------|--|---------|-----|--------|---|---------|---------------------|--|
| 3202 | osmo-fl2k | | Feature | New | Low | create debian packaging for osmo-fl2k (and make it part of nightly builds?) | osmith | 09/30/2018 08:40 AM | |
| 3210 | osmo-fl2k | | Feature | New | Low | man pages | steve-m | 04/24/2018 08:55 PM | |
| 3203 | osmo-fl2k | | Feature | New | Normal | have jenkins build verification job | osmith | 07/24/2019 09:09 AM | |
| 4174 | osmo-fl2k | | Bug | New | Normal | After the latest commits, the fl2k tools do not exit on first SIGINT | | 08/25/2019 04:57 PM | |

osmo-qcdiag (7)

| # | Project | Category | Tracker | Status | Priority | Subject | Assignee | Updated | Related issues |
|------|-------------|----------|---------|--------|----------|---|----------|---------------------|----------------|
| 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 | |
| 1907 | osmo-qcdiag | | Bug | New | Normal | osmo-qcdiag detects CRC errors relatively often | | 01/23/2017 01:47 AM | |
| 1908 | osmo-qcdiag | | Feature | New | Normal | add VTY interface to osmo-qcdiag | laforge | 01/12/2017 01:15 PM | |
| 1899 | osmo-qcdiag | | Bug | New | Normal | osmo-qcdiag: DIAG based pcap tracing (DPL) not working | | 01/11/2017 12:15 PM | |
| 1906 | osmo-qcdiag | | Bug | New | Normal | wireshark: fix decoding of (E)GPRS RLC/MAC frames | laforge | 05/19/2019 07:48 AM | |
| 2697 | osmo-qcdiag | | Feature | New | Normal | Create and add debian packages for osmo-qcdiag to osmocom debian repositories | | 11/30/2017 06:03 PM | |

osmo-remsim (13)

| | | | | | | | | | |
|------|-------------|---------------|---------|-------------|--------|---|---------|---------------------|-----------------------------------|
| 3887 | osmo-remsim | remsim-client | Feature | New | Low | remsim-client: allow for local handling of APDUs | laforge | 05/08/2019 03:30 PM | |
| 3919 | osmo-remsim | remsim-client | Feature | New | Normal | remsim-client ifd_handler for PC/SC integration | laforge | 05/08/2019 03:30 PM | |
| 4205 | osmo-remsim | tests | Bug | New | Normal | ttcn3-remsim-test only shows results for bankd | laforge | 09/13/2019 12:04 PM | |
| 4249 | osmo-remsim | | Feature | New | Normal | ability to explicitly provision an "empty SIM card slot" to a modem | laforge | 11/07/2019 02:21 PM | |
| 3884 | osmo-remsim | remsim-bankd | Feature | New | Normal | redesign bankd thread architecture | laforge | 05/08/2019 03:31 PM | 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 | remsim-server | Feature | New | Normal | expose ICCID or even IMSI of all cards on remsim-server | laforge | 05/08/2019 03:31 PM | Precedes #3886 |
| 4250 | osmo-remsim | remsim-bankd | Bug | New | Normal | osmo-remsim-bankd requires unreleased libosmocore patch | laforge | 11/07/2019 02:23 PM | |
| 4021 | osmo-remsim | tests | Support | New | High | long-term end-to-end osmo-remsim test setup | roh | 10/18/2019 02:51 PM | |
| 3883 | osmo-remsim | | Bug | New | Urgent | osmo-remsim user manual lacks examples | laforge | 07/16/2019 02:43 PM | |
| 3889 | osmo-remsim | tests | Bug | In Progress | Urgent | adjust TTCN3 remsim testsuite to latest code | laforge | 05/08/2019 03:30 PM | |
| 4119 | osmo-remsim | remsim-client | Bug | Feedback | Normal | osmo-remsim-client-st2 leaking memory | roh | 09/18/2019 06:24 PM | Related to #4119 |
| 4097 | osmo-remsim | | Bug | Feedback | Urgent | osmo-remsim-bankd leaking memory | roh | 09/18/2019 06:25 PM | Related to #4097,Related to #4119 |

osmo-sip-connector (10)

| | | | | | | | | | |
|------|--------------------|--|---------|-----|--------|--|----------|---------------------|------------------|
| 1687 | osmo-sip-connector | | Feature | New | Low | osmo-sip-connector: Explore 3-way conference call | sysmocom | 09/04/2019 09:31 AM | |
| 1686 | osmo-sip-connector | | Feature | New | Normal | osmo-sip-connector: Implement call holding on SIP | sysmocom | 09/04/2019 09:31 AM | |
| 3724 | osmo-sip-connector | | Bug | New | Normal | Wrong media format used in SIP INVITE causes one-way audio | | 12/11/2018 02:57 PM | Related to #3724 |
| 3741 | osmo-sip-connector | | Bug | New | Normal | Unknow call parameters shown in vty | | 12/28/2018 02:01 PM | |

| # | Project | Category | Tracker | Status | Priority | Subject | Assignee | Updated | Related issues |
|---------------------|--------------------|-------------|---------|-------------|----------|---|----------|---------------------|--|
| 3763 | osmo-sip-connector | | Bug | New | Normal | Implement correct handling for call answered elsewhere | | 01/22/2019 01:03 PM | |
| 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 | |
| 3518 | osmo-sip-connector | | Bug | In Progress | Normal | Rapid SETUP followed DISC results in lingering B-leg | keith | 04/24/2019 08:39 AM | |
| 1683 | osmo-sip-connector | | Bug | In Progress | Urgent | osmo-sip-connector: Implement codec selection / move codec selection to osmo-msc | neels | 11/07/2019 11:56 PM | Related to #1683,Related to #1683,Related to #1683,Related to #1683,Related to #3650 |
| 4197 | osmo-sip-connector | | Bug | Feedback | Normal | "running broken" if configured IP is not assigned at startup | lynxis | 09/15/2019 11:16 PM | |
| 1679 | osmo-sip-connector | | Feature | Stalled | High | osmo-sip-connector: Add stats for call handling | osmith | 09/04/2019 09:32 AM | Related to #3636 |
| OsmoBSC (88) | | | | | | | | | |
| 39 | OsmoBSC | | Feature | New | Low | Logging filter on bts/trx or such | | 03/01/2018 11:16 PM | |
| 68 | OsmoBSC | | Bug | New | Low | ipaccess-config should work with -u ID -o IP -r BTS_IP | | 12/10/2017 07:52 PM | |
| 73 | OsmoBSC | | Bug | New | Low | Kill the paging_init_if_needed method in paging.c | | 12/10/2017 07:53 PM | |
| 69 | OsmoBSC | | Bug | New | Low | No timers for various calls | | 12/10/2017 07:53 PM | |
| 1600 | OsmoBSC | | Feature | New | Low | BSC: Make SI / rest octests more configurable | | 12/10/2017 08:04 PM | |
| 1613 | OsmoBSC | | Feature | New | Low | make BTS/TRX configuration changes without having to drop BTS OML link | | 12/10/2017 08:06 PM | |
| 1605 | OsmoBSC | | Feature | New | Low | logging / ring buffer for ALERT messages from A-bis OML from the BTS side | osmith | 09/30/2018 10:49 AM | 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 | |
| 2462 | OsmoBSC | | Feature | New | Low | clarify lchan->encr.alg_id | | 08/24/2017 01:27 PM | Related to #2462 |
| 2899 | OsmoBSC | | Bug | New | Low | channel attributes are sent to BTS even for NONE channels | osmith | 09/30/2018 10:42 AM | |
| 2969 | OsmoBSC | | Feature | New | Low | obtain and store subscriber identity | neels | 01/03/2019 06:03 PM | Related to #2969 |
| 3277 | OsmoBSC | | Feature | New | Low | handover: for intra-cell HO, use RR Assignment Command, not RR Handover Command | neels | 11/19/2018 04:27 PM | Is duplicate of #3277 |
| 3737 | OsmoBSC | | Bug | New | Low | abort because unused lchan has non-null conn pointer, after AMR config error | | 05/08/2019 03:35 PM | |
| 3454 | OsmoBSC | A interface | Feature | New | Low | disable/constrain/hide "multiple msc" concept | sysmocom | 08/08/2018 02:22 PM | |
| 3482 | OsmoBSC | Handover | 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 |

| # | Project | Category | Tracker | Status | Priority | Subject | Assignee | Updated | Related issues |
|------|---------|-------------|---------|--------|----------|---|----------|---------------------|--|
| 3484 | OsmoBSC | Handover | 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 | Handover | Feature | New | Low | handover to make room for a less capable subscriber | | 10/16/2018 01:16 PM | Related to #3485 |
| 3486 | OsmoBSC | Handover | 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 |
| 4189 | OsmoBSC | | Feature | New | Low | TTCN-3 tests for load-based hand-over in BSC | | 09/04/2019 09:10 AM | Related to #4189 |
| 3638 | OsmoBSC | Handover | 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 |
| 3642 | OsmoBSC | | Bug | New | Low | logging filter imsi leaks bsc_subscr references | | 10/09/2018 10:04 PM | |
| 3786 | OsmoBSC | | Bug | New | Low | Assignment Request modifies conn->lcls state before the Assignment is successful | dexter | 05/08/2019 03:37 PM | |
| 3787 | OsmoBSC | | Bug | New | Low | Assignment Request modifies conn->codec_list before the Assignment is successful | dexter | 05/08/2019 03:38 PM | |
| 3831 | OsmoBSC | | Feature | New | Low | BSC support for "network sharing" | | 03/08/2019 10:27 PM | |
| 3841 | OsmoBSC | | Bug | New | Low | cosmetic: tearing down the old lchan after inter-BSC handover always goes through RELEASE_AFTER_ERROR (instead of normal release) | neels | 05/08/2019 05:43 PM | |
| 4010 | OsmoBSC | | Feature | New | Low | Test RSL CHAN ACT related details for different scenarios | laforge | 05/21/2019 09:02 PM | Related to #4010,Related to #4010 |
| 34 | OsmoBSC | A-bis OML | Bug | New | Normal | ipaccess init code needs proper state machines | | 12/10/2017 08:16 PM | Related to #34 |
| 1857 | OsmoBSC | A-bis OML | 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 | |
| 1866 | OsmoBSC | A-bis RSL | Feature | New | Normal | Make use of RSL RF RESOURCE INDICATION (interference measurements) | | 12/10/2017 08:15 PM | Related to #1569 |
| 1946 | OsmoBSC | | Feature | New | Normal | Add checks to the BSC VTY to prevent configurations known to not work | sysmocom | 08/17/2017 06:51 AM | Related to #1614 |
| 2382 | OsmoBSC | | Bug | New | Normal | T3105 not consistently communicated to all BTS models | | 03/05/2018 07:02 PM | |
| 2389 | OsmoBSC | Siemens BTS | Feature | New | Normal | re-add siemens MRPCI message, dropped during MSCSPLIT | laforge | 05/08/2019 05:45 PM | Related to #2257,Related to #2548 |

| # | Project | Category | Tracker | Status | Priority | Subject | Assignee | Updated | Related issues |
|------|---------|---------------|---------|--------|----------|---|-----------|---------------------|--|
| 2470 | OsmoBSC | A-bis OML | Feature | New | Normal | Proper OML MO (managed object) using osmo_fsm | | 12/10/2017 08:16 PM | Related to #34,Related to #2470,Related to #3782 |
| 2724 | OsmoBSC | | Feature | New | Normal | Improve default timers | laforge | 01/04/2018 11:06 AM | Related to #2724 |
| 2781 | OsmoBSC | | Feature | New | Normal | Extend OsmBSC TTCN-3 test coverage regarding resource leaks | | 07/18/2019 05:04 AM | Related to #2781 |
| 3002 | OsmoBSC | Handover | Bug | New | Normal | HO2: handover decision for dynamic timeslots | neels | 10/16/2018 01:15 PM | Related to #1606,Related to #1608,Blocks #3002 |
| 3020 | OsmoBSC | PCU Interface | Bug | New | Normal | OsmoBSC PCU socket interface not yet tested by BSC_Tests.ttcn | laforge | 05/21/2019 06:29 PM | |
| 3097 | OsmoBSC | | Feature | New | Normal | ramping of "rxlev access min" | | 03/22/2018 11:51 AM | Related to #3097 |
| 2918 | OsmoBSC | | Feature | New | Normal | Implement a function to properly test connection clearing in MSC_ConnectionHandler.ttcn (BSC-Tests) | Hoernchen | 06/19/2019 08:35 AM | |
| 2949 | OsmoBSC | | Feature | New | Normal | use RR Assignment for Handover within a cell | | 02/16/2018 02:52 PM | Related to #3357,Is duplicate of #3277 |
| 3000 | OsmoBSC | A-bis OML | Bug | New | Normal | OsmoBSC issues "RSL Connect" command too early -> race conditions | | 02/25/2018 12:32 PM | Related to #2470,Related to #4179 |
| 3479 | OsmoBSC | | Feature | New | Normal | test "every single failure" in osmo-bsc FSMs | | 08/20/2018 11:15 AM | Related to #3479 |
| 3480 | OsmoBSC | Handover | Feature | New | Normal | handover from TCH/F to TCH/H to reduce load | | 10/16/2018 01:15 PM | Related to #3480,Related to #3481 |
| 3481 | OsmoBSC | Handover | Feature | New | Normal | handover from TCH/H to TCH/F to reduce load | | 10/16/2018 01:15 PM | Related to #3481,Related to #3481 |
| 3505 | OsmoBSC | | Feature | New | Normal | ttcn3: test inter-BSC HO with encryption enabled | neels | 08/28/2018 06:38 PM | Related to #3505 |
| 3190 | OsmoBSC | | Bug | New | Normal | RSL DELETE INDication not implemented | osmith | 07/18/2019 05:42 AM | |
| 3243 | OsmoBSC | | Bug | New | Normal | there is MGW config for each separate 'msc', but the MGW settings are stored only once globally | | 05/07/2018 03:10 PM | |
| 3330 | OsmoBSC | A-bis RSL | Feature | New | Normal | osmo-bsc: Implement IMMEDIATE ASSIGNMENT EXTENDED | sysmocom | 06/08/2018 12:14 PM | Related to #3330 |
| 3357 | OsmoBSC | | Bug | New | Normal | osmo-bsc doesn't perform RSL MODE MODIFY on ASSIGNMENT if channel is compatible. | dexter | 10/02/2018 02:54 PM | Related to #3357 |
| 3474 | OsmoBSC | | Bug | New | Normal | SDCCH not released if Radio Link Failure / Sending Connection Failure: cause = 0x001 Experienced in osmo-bsc and osmo-bts-trx | | 08/20/2018 01:02 AM | |

| # | Project | Category | Tracker | Status | Priority | Subject | Assignee | Updated | Related issues |
|------|---------|---------------|---------|--------|----------|---|-----------|---------------------|--|
| 3483 | OsmoBSC | Handover | 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 |
| 3976 | OsmoBSC | RTP/Media | Bug | New | Normal | osmo-bsc: heap-use-after-free upon MGW CRCX failure response | neels | 05/06/2019 11:03 AM | |
| 3586 | OsmoBSC | | Feature | New | Normal | support LCLS for inter-BSC handover | neels | 01/17/2019 04:18 PM | Related to #3586,Related to #3659 |
| 4166 | OsmoBSC | | Bug | New | Normal | BORKEN Error / broken lchan / WAIT_ACTIV_ACK: Timeout | | 08/22/2019 11:30 AM | |
| 4264 | OsmoBSC | Handover | Bug | New | Normal | BSC_Tests.TC_ho_neighbor_config_1 test failures | neels | 11/12/2019 10:48 AM | |
| 3656 | OsmoBSC | Handover | Feature | New | Normal | inter-BSC handover outgoing: compose Cell Identifier List from several ARFCN+BSIC | neels | 06/10/2019 10:07 PM | Related to #3656 |
| 3682 | OsmoBSC | A interface | Feature | New | Normal | Intra-domain connection of OsmoBSC to multiple MSCs | | 09/04/2019 09:01 AM | |
| 3739 | OsmoBSC | | Feature | New | Normal | on osmo-bsc startup, sanity check codec-, pchan-types and AMR rates configuration | | 12/20/2018 01:31 AM | |
| 3744 | OsmoBSC | | Bug | New | Normal | include/osmocom/bsc/gsm_data.h: OSMO_ASSERT(conn->lchan); failed in conn_get_bts() | | 12/30/2018 10:39 AM | |
| 3814 | OsmoBSC | ip.access BTS | Bug | New | Normal | MS Power Control Problem with Osmo-BSC and nanoBTS | | 02/24/2019 01:15 AM | |
| 3865 | OsmoBSC | ip.access BTS | Bug | New | Normal | nanoBTS: GPRS not working anymore, modems unable to attach in osmo-gsm-tester | osmith | 07/18/2019 05:03 AM | Is duplicate of #3865 |
| 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 |
| 3975 | OsmoBSC | | Bug | New | Normal | osmo-bsc crash during startup with nokia insite | laforge | 07/18/2019 06:00 AM | Related to #3975 |
| 4070 | OsmoBSC | A-bis RSL | Bug | New | Normal | Implement IPA PING/PONG mechanism on RSL and OML | Hoernchen | 06/21/2019 02:47 PM | |
| 4193 | OsmoBSC | | Bug | New | Normal | osmux reference pdf has auto-generated plot not displayed in pdf | pespin | 10/16/2019 01:05 PM | |
| 4199 | OsmoBSC | | Bug | New | Normal | osmo-bsc.cfg: if 'amr tch-[fh] modes' are not in order, the config is ignored and osmo-bsc still starts | | 09/12/2019 12:52 AM | |
| 2548 | OsmoBSC | | Feature | New | High | Add support for E1/T1 based BTSs to OsmoBSC | laforge | 09/04/2019 09:07 AM | Related to #2547,Related to #3965,Related to #2548 |
| 2767 | OsmoBSC | A interface | Bug | New | High | OsmoBSC user manual doesn't specify how to configure M3UA link (asp/as) | daniel | 03/16/2018 07:52 PM | |

| # | Project | Category | Tracker | Status | Priority | Subject | Assignee | Updated | Related issues |
|------|---------|-------------|---------|-------------|----------|---|-----------|---------------------|--|
| 2722 | OsmoBSC | | Feature | New | High | document RACH tuning parameters more thoroughly, give explanations | daniel | 08/02/2018 09:46 AM | Related to #2591,Related to #1611,Related to #2592,Related to #2722 |
| 3476 | OsmoBSC | | Support | New | High | osmo-bsc manual needs to explain the AoIP config 'cs7 instance' | | 08/20/2018 09:06 AM | |
| 4113 | OsmoBSC | | Bug | New | High | osmo-bsc fails to compile on openSUSE Tumbleweed (gcc 9.1 with LTO enabled) | Hoernchen | 07/19/2019 09:36 PM | Related to #4114,Related to #4115,Related to #4113,Related to #4116,Related to #4123 |
| 2964 | OsmoBSC | | Bug | In Progress | Normal | handover_decision_2: measurement report number compared to lchan->meas_rep_last_seen_nr often overflows to zero (255 range) and hence an old report may be seen as new every once per 255 cycle | neels | 10/10/2018 12:27 PM | Related to #1606 |
| 4078 | OsmoBSC | Handover | Bug | In Progress | Normal | osmo-bsc: Sends duplicated BSSMAP Clear Request upon HO failure (TC_ho_out_fail_no_ho_detect) | neels | 07/08/2019 04:53 PM | |
| 1601 | OsmoBSC | | Feature | In Progress | Normal | VTY parameters become active when? | | 12/10/2017 08:04 PM | Related to #1601 |
| 3690 | OsmoBSC | | Bug | In Progress | Normal | BSC_Tests.TC_dyn_pdch_osmo_act_deact failure: Unexpected TS Mode: "NONE mode" | | 11/13/2018 02:31 PM | |
| 3806 | OsmoBSC | A interface | Bug | In Progress | Normal | OsmoBSC accepts BSSAP with wrong length field | | 09/04/2019 09:26 AM | Related to #3806 |
| 4002 | OsmoBSC | | Bug | In Progress | Normal | AMR defaults to bandwidth-efficient mode | laforge | 05/15/2019 12:59 PM | Related to #4002,Related to #4002 |
| 3708 | OsmoBSC | A-bis RSL | Bug | Feedback | Normal | osmo-bsc: Wrong handling of PDCH DEACT NACK | pespin | 12/05/2018 04:19 PM | Related to #3708,Related to #3708 |
| 3637 | OsmoBSC | | Bug | Feedback | Normal | handover decision 2: properly check available codecs | neels | 10/09/2018 09:45 AM | Related to #3637,Related to #3637 |
| 3679 | OsmoBSC | | Bug | Feedback | Normal | bsc_vty.c iterates trx to regen sysinfo manually, skips bcch_change_mark bump | laforge | 10/31/2018 01:00 AM | |
| 3833 | OsmoBSC | | Bug | Feedback | Normal | Fix storage location of AMR S15-S0 bits | dexter | 07/29/2019 02:02 PM | |
| 4244 | OsmoBSC | A-bis RSL | Bug | Feedback | Normal | Take MS power class into account to calculate appropriate MS Power level | pespin | 11/12/2019 04:59 PM | Related to #4244,Related to #4244 |
| 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 |

| # | Project | Category | Tracker | Status | Priority | Subject | Assignee | Updated | Related issues |
|-----------------------|------------|----------------|---------|---------|----------|--|------------------------|---------------------|---|
| 3716 | OsmoBSC | A interface | Bug | Stalled | Low | Use SACCH for MO/MT SMS signalling during a voice call | fixeria | 05/08/2019 03:35 PM | |
| 1614 | OsmoBSC | | Bug | Stalled | Normal | better identification of BTS model / capabilities to BSC | dexter | 05/17/2018 01:59 PM | Related to #1614,Related to #2316,Related to #2317,Related to #3799,Related to #3938 |
| 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 |
| 3659 | OsmoBSC | RTP/Media | Bug | Stalled | High | LCLS directly between BTSs | Hoernchen | 05/15/2019 01:40 PM | Related to #3659,Related to #3659,Related to #3659,Related to #3659,Related to #3659,Related to #3783 |
| OsmoBSCNAT (2) | | | | | | | | | |
| 2545 | OsmoBSCNAT | | Feature | New | Low | OsmoBSCNAT misses 3GPP AoIP | | 05/30/2018 02:14 PM | |
| 4124 | OsmoBSCNAT | | Feature | New | Normal | OsmoBSCNAT : Write user manual | sysmocom | 07/22/2019 09:02 AM | Related to #4124 |
| OsmoBTS (85) | | | | | | | | | |
| 57 | OsmoBTS | osmo-bts-sysmo | Bug | New | Low | sysmobts L1 is not properly closed, DSP firmware reload is required | | 03/01/2018 11:16 PM | Related to #57 |
| 61 | OsmoBTS | | Feature | New | Low | osmo-bts: split TRAU/RTP frame handling into separate process | | 06/13/2016 01:16 PM | |
| 1568 | OsmoBTS | | Feature | New | Low | Move various code bits to libosmocore | fixeria | 07/18/2019 06:08 AM | |
| 1571 | OsmoBTS | | Feature | New | Low | Support RTP multiplexing instead of per-call RTP streams | | 02/23/2016 03:32 PM | |
| 1572 | OsmoBTS | | Feature | New | Low | Circuit Switched Data Support | | 02/23/2016 03:34 PM | |
| 1576 | OsmoBTS | osmo-bts-sysmo | Feature | New | Low | consider using hLayer2 as a pointer storage | Osmocom CNI Developers | 02/02/2017 04:11 PM | Related to #1755 |
| 1578 | OsmoBTS | | Bug | New | Low | RSL MODE MODIFY can change multi-rate config, but not encryption parameters | osmith | 09/30/2018 11:14 AM | |
| 1561 | OsmoBTS | | Feature | New | Low | Multi-TRX support (one osmo-bts process per TRX) | | 02/23/2016 03:18 PM | |

| # | Project | Category | Tracker | Status | Priority | Subject | Assignee | Updated | Related issues |
|------|---------|----------|---------|--------|----------|---|------------------------|---------------------|---|
| 1569 | OsmoBTS | | Feature | New | Low | Report RF interference levels as part of RF RESOURCE INDICATION | | 09/04/2019 09:26 AM | Related to #1569,Related to #2735,Related to #3750,Related to #4006 |
| 1570 | OsmoBTS | | Feature | New | Low | Select RTP payload identifier based on requested speech mode | | 02/23/2016 03:31 PM | |
| 1573 | OsmoBTS | | Feature | New | Low | ENHANCED MEASUREMENT REPORT | | 02/23/2016 03:36 PM | |
| 1579 | OsmoBTS | | Feature | New | Low | Use epoll | | 02/23/2016 03:41 PM | |
| 1618 | OsmoBTS | | Bug | New | Low | AMR adaption loop doesn't use C/I thresholds, only BER | | 07/18/2019 06:08 AM | Related to #4006 |
| 1674 | OsmoBTS | | Bug | New | Low | Kill duplication between l1_if.c and sysmbots_ctrl.c | | 07/18/2019 06:08 AM | |
| 1692 | OsmoBTS | | Feature | New | Low | clock source monitoring | | 04/13/2016 09:49 AM | |
| 1751 | OsmoBTS | | Bug | New | Low | incompatibility between LCR and DTX | | 06/14/2016 04:39 PM | |
| 1744 | OsmoBTS | | Bug | New | Low | 1-way voice between sysmobts and nanobts if DTX is enabled | | 07/18/2019 06:08 AM | Related to #1562 |
| 1755 | OsmoBTS | | Feature | New | Low | osmo-bts-sysmo L1: unify hLayer3 handling | Osmocom CNI Developers | 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 |
| 1837 | OsmoBTS | | Feature | New | Low | autogenerate dtx_dl_amr_fsm.* | | 03/01/2018 11:17 PM | |
| 1902 | OsmoBTS | | Feature | New | Low | unify/refactor dynamic timeslot code | sysmocom | 07/18/2019 06:08 AM | Related to #1902,Related to #3099 |
| 1926 | OsmoBTS | | Feature | New | Low | unify *_mgr code | | 07/18/2019 06:08 AM | |
| 2355 | OsmoBTS | | Bug | New | Low | optimize log output of phy specific code | | 09/04/2019 09:26 AM | Related to #2355 |
| 2364 | OsmoBTS | | Bug | New | Low | OsmoBTS sends SI1 even if it is not specified/needed | | 07/15/2017 10:06 AM | |
| 2366 | OsmoBTS | | Feature | New | Low | OsmoBTS lacks EXTENDED BCCH support | | 07/15/2017 10:42 AM | Related to #1575,Related to #2014 |
| 2469 | OsmoBTS | | Feature | New | Low | Proper OML MO (managed object) using osmo_fsm | | 07/18/2019 06:08 AM | Related to #3782,Related to #3789,Related to #3788,Related to #3785,Related to #3790,Related to #3791,Related to #3795,Related to #3796 |

| # | Project | Category | Tracker | Status | Priority | Subject | Assignee | Updated | Related issues |
|------|---------|----------------|---------|--------|----------|--|----------|---------------------|-----------------------------------|
| 2557 | OsmoBTS | | Feature | New | Low | extend osmo-bts-virtual + GSMTAP with voice frame (TCH) support | laforge | 07/18/2019 06:08 AM | Related to #2556,Related to #2557 |
| 2674 | OsmoBTS | osmo-bts-sysmo | Bug | New | Low | osmo-bts-sysmo GPRS failing if running without "-M" | pespin | 07/18/2019 06:08 AM | |
| 2675 | OsmoBTS | | Bug | New | Low | /usr/bin/lc15bts-mgr can't find GPS 3D fix to for calibration | pespin | 02/13/2018 03:34 PM | |
| 3056 | OsmoBTS | | Bug | New | Low | OsmoBTS doesn't implement SACCH Repetition Order (SRO) | | 07/18/2019 06:08 AM | |
| 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 | |
| 2942 | OsmoBTS | | Bug | New | Low | osmo-bts-virtual+virtphy+mobile paging for SMS delivery fails | | 02/13/2018 05:05 PM | |
| 2974 | OsmoBTS | | Bug | New | Low | OsmoBTS doesn't use the "Diagnostics" part of the RSL Cause IE | | 07/18/2019 05:48 AM | |
| 3058 | OsmoBTS | | Bug | New | Low | RSL SACCH FILLING are per TRX, not BTS scope | | 03/11/2018 08:55 PM | |
| 3791 | OsmoBTS | Abis | Bug | New | Low | OsmoBTS doesn't include the "IPA Destination IP Address" attribute in "IPA RSL Connect ACK" | laforge | 02/07/2019 07:46 PM | Related to #3791 |
| 3796 | OsmoBTS | Abis | Bug | New | Low | OsmoBTS doesn't send proper cause values in NACK | | 07/18/2019 06:04 AM | Related to #3796 |
| 4014 | OsmoBTS | | Feature | New | Low | Allow multiple [virtual] BTS instances on same [SDR] hardware that supports multiple TRX | | 05/21/2019 12:07 PM | |
| 1577 | OsmoBTS | osmo-bts-sysmo | Bug | New | Normal | mph_send_config_logchpar doesn't update encryption config | | 02/23/2016 03:39 PM | |
| 1852 | OsmoBTS | osmo-bts-trx | Feature | New | Normal | DTX support for osmo-bts-trx | | 02/08/2017 04:09 PM | Is duplicate of #1750 |
| 1979 | OsmoBTS | | Bug | New | Normal | Priority of SAPI=0/SAPI=3 on SABM | sysmocom | 05/08/2019 06:12 PM | |
| 2906 | OsmoBTS | | Bug | New | Normal | gsm_pchan2chan_nr asserts GSM_PCHAN_CCCH: lchan_nr == 0 | pespin | 04/04/2018 08:43 AM | |
| 3036 | OsmoBTS | | Feature | New | Normal | update vty reference -- and make it so that it can be done without manual edits | neels | 03/19/2018 12:11 AM | |
| 3792 | OsmoBTS | Abis | Bug | New | Normal | OsmoBTS doesn't include the "Starting Time" attribute in "Set BTS Attributes ACK" | osmith | 07/18/2019 06:05 AM | |
| 3329 | OsmoBTS | | Feature | New | Normal | osmo-bts: Implement IMMEDIATE ASSIGNMENT EXTENDED | sysmocom | 06/08/2018 12:02 PM | Related to #3330 |
| 3478 | OsmoBTS | | Bug | New | Normal | struct member lchan->meas.bts_tx_pwr is never set | dexter | 08/20/2018 09:51 AM | |
| 3510 | OsmoBTS | osmo-bts-trx | Bug | New | Normal | Make sure the ECU (Error Concealment Unit) is working correctly | tnt | 05/15/2019 03:48 PM | |
| 4031 | OsmoBTS | Abis | Bug | New | Normal | OML part of BTS has no TTCN-3 tests | | 09/04/2019 09:04 AM | Related to #4031,Related to #4031 |

| # | Project | Category | Tracker | Status | Priority | Subject | Assignee | Updated | Related issues |
|------|---------|---------------|---------|-------------|----------|--|-----------|---------------------|---|
| 3572 | OsmoBTS | osmo-bts-trx | Bug | New | Normal | Incorrect TDMA frame number calculation on TCH channels | sysmocom | 05/08/2019 06:08 PM | Related to #3803 |
| 3703 | OsmoBTS | | Bug | New | Normal | sporadic failures of TC_tch_sign_l2_fill_frame test case | | 11/22/2018 02:58 PM | |
| 3780 | OsmoBTS | | Bug | New | Normal | existing test suite doesn't catch wrong measurement processing | Hoernchen | 07/12/2019 04:27 PM | |
| 3782 | OsmoBTS | | Bug | New | Normal | OML bringup fails for osmo-bts-oc2g on high latency links | dexter | 03/26/2019 08:26 AM | Related to #3782,Related to #3782,Related to #3789,Related to #4031 |
| 4008 | OsmoBTS | | Bug | New | Normal | Channel Activation starts SACCH too early in Asynchronous Handover | | 07/18/2019 05:15 AM | Related to #4008,Related to #4010 |
| 4009 | OsmoBTS | | Bug | New | Normal | Channel Activation starts SACCH too early in Synchronous Handover | | 07/18/2019 05:15 AM | Related to #4009,Related to #4010 |
| 4082 | OsmoBTS | | Bug | New | Normal | OML: Unknown/unhandled PCHAN type: 0 NONE | | 11/18/2019 10:09 AM | |
| 4179 | OsmoBTS | | Bug | New | Normal | Race condition: OsmoBTS sends empty INFO_ind to PCU socket, if not all SI arrived from BSC via RSL | osmith | 09/04/2019 09:29 AM | Related to #4179,Related to #4179 |
| 3032 | OsmoBTS | osmo-bts-trx | Bug | New | High | (Wrong?) measurement of both RSSI and ToA on TCH channels | tnt | 11/26/2018 02:32 PM | Related to #2977,Related to #3032 |
| 3751 | OsmoBTS | osmo-bts-oc2g | Support | New | High | Ensure BTS Tests.ttcn results of OC-2G resemble what we know/expect from osmo-bts-{sysmo,trx} | pespin | 07/18/2019 06:05 AM | |
| 2356 | OsmoBTS | | Feature | In Progress | Low | have per-SAPI logging in OsmoBTS DL1P / DL1C | osmith | 09/27/2019 01:36 PM | Related to #2355 |
| 1851 | OsmoBTS | osmo-bts-trx | Feature | In Progress | Normal | generalize power control and TA loop code | pespin | 11/20/2019 07:26 PM | Related to #1851,Related to #1851,Related to #1851,Related to #4213,Related to #4244 |
| 3750 | OsmoBTS | | Feature | In Progress | Normal | Extension of BTS_Tests.ttcn test coverage | Hoernchen | 11/16/2019 07:49 PM | Related to #4008,Related to #4009,Related to #4011,Related to #3750,Related to #4023,Related to #4031,Related to #4035,Related to #3750 |

| # | Project | Category | Tracker | Status | Priority | Subject | Assignee | Updated | Related issues |
|------|---------|------------------|---------|-------------|----------|---|----------|---------------------|--|
| 2977 | OsmoBTS | | Feature | In Progress | Normal | OsmoBTS measurement processing at L1SAP too complex / pass measurements along with data | dexter | 11/11/2019 01:27 PM | Related to #2977,Related to #2977,Related to #3530,Related to #3428,Related to #3395,Related to #2977,Related to #3803 |
| 3863 | OsmoBTS | | Support | In Progress | Urgent | setup testing of osmo-bts-oc2g on real hardware with ttcn3 and osmocon/osmocom-bb | dexter | 07/18/2019 06:04 AM | |
| 3155 | OsmoBTS | | Feature | In Progress | Urgent | execute BTS_Tests.ttcn with real (C123) phone hardware in LTHW setup | pespin | 04/15/2019 05:15 PM | Related to #3353,Related to #3155 |
| 1898 | OsmoBTS | | Bug | Feedback | Low | Wrong handover detection with l1sap on wrong ss=0/ts=0 | | 11/07/2017 09:54 PM | |
| 3370 | OsmoBTS | osmo-bts-trx | Bug | Feedback | Low | osmo-bts "substituting all-zero burst" and osmo-pcu "Link quality (0dB) left window [5, 8], modifying uplink CS levels: CS-2 -> CS-1" | lynxis | 10/03/2019 05:34 PM | Related to #3428 |
| 3506 | OsmoBTS | osmo-bts-trx | Bug | Feedback | High | FACCH LAPDm sequence error (state LAPD_STATE_MF_EST) | fixeria | 04/04/2019 06:35 PM | Related to #3906 |
| 4213 | OsmoBTS | osmo-bts-trx | Support | Feedback | High | ms-power-control | pespin | 11/05/2019 01:42 PM | Related to #4213,Related to #4244 |
| 1750 | OsmoBTS | | Bug | Stalled | Low | DTXu/DTXd support for osmo-bts-trx | | 03/01/2018 11:17 PM | Related to #1562,Related to #1563,Is duplicate of #1750,Blocks #1750 |
| 1804 | OsmoBTS | | Bug | Stalled | Low | osmo-bts-sysmo, osmo-bts-litecell15: L1 phy unusable after PCU disconnects | sysmocom | 05/30/2017 03:35 PM | Related to #57 |
| 2560 | OsmoBTS | | Bug | Stalled | Low | osmo-bts-trx crash with sigabrt | lynxis | 05/17/2018 11:33 AM | |
| 2979 | OsmoBTS | osmo-bts-virtual | Bug | Stalled | Low | osmo-bts-virtual reports bogus measurement values | laforge | 07/18/2019 06:06 AM | |
| 2975 | OsmoBTS | osmo-bts-trx | Bug | Stalled | Normal | OsmoBTS doesn't generate measurement indications in absence of uplink bursts | dexter | 11/20/2019 03:00 PM | Related to #2965,Related to #2975,Related to #2977,Related to #3665,Blocks #2975 |
| 3569 | OsmoBTS | | Bug | Stalled | Normal | Some phones don't receive SMS CB | laforge | 01/14/2019 03:32 PM | |
| 3665 | OsmoBTS | | Bug | Stalled | Normal | TTCN3 BTS_Tests last SACCH burst received too late -> wrong fake uplink measurement report | pespin | 10/25/2018 09:35 AM | Related to #3665,Related to #3665,Related to #3665 |

| # | Project | Category | Tracker | Status | Priority | Subject | Assignee | Updated | Related issues |
|------|---------|---------------------|---------|---------|----------|--|----------|---------------------|---|
| 4023 | OsmoBTS | PCU Interface | Bug | Stalled | Normal | Missing coverage of PCU interface in osmo-bts | | 11/18/2019 08:24 AM | Related to #4023 |
| 1575 | OsmoBTS | | Bug | Stalled | Normal | Correctly handle BS_AG_BLK_RES (AGCH/PCH split in DL CCCH) | | 09/04/2019 09:15 AM | Related to #1575,Related to #1575 |
| 3052 | OsmoBTS | osmo-bts-sysmo | Bug | Stalled | Normal | osmo-bts-sysmo fails to detect RACH bursts from osmocom-bb | laforge | 03/14/2018 05:42 AM | |
| 3299 | OsmoBTS | | Bug | Stalled | Normal | osmo_ortp: scheduler is not started | dexter | 06/25/2018 08:02 PM | |
| 3612 | OsmoBTS | osmo-bts-trx | Bug | Stalled | Normal | osmo-bts-trx: heap-use-after-free in e1inp_sign_link_destroy | pespin | 10/03/2018 12:54 PM | Related to #4094 |
| 3789 | OsmoBTS | Abis | Bug | Stalled | Normal | BTS permits OPSTART of MO without attributes | laforge | 02/23/2019 02:33 PM | Related to #3789,Related to #3789 |
| 2978 | OsmoBTS | | Bug | Stalled | High | OsmoBTS rxlev/rxqual SUB computation completely broken [AMR DTX] | dexter | 09/03/2018 07:44 AM | Related to #2978 |
| 3568 | OsmoBTS | osmo-bts-sysmo | Bug | Stalled | High | CBCH on SDCCH/8 not working for osmo-bts-sysmo | laforge | 01/14/2019 03:29 PM | |
| 1950 | OsmoBTS | osmo-bts-litecell15 | Bug | Stalled | High | LC15: BTS does not send L2 fill frame | pespin | 07/18/2019 05:56 AM | |
| 2987 | OsmoBTS | osmo-bts-trx | Bug | Stalled | High | OsmoBTS RxQual/RxLev averaging broken if bursts are missign | dexter | 11/05/2018 12:57 PM | Related to #2975,Related to #2978,Related to #2987,Related to #3665 |
| 3428 | OsmoBTS | osmo-bts-trx | Feature | Stalled | High | Implement handling of NOPE / IDLE indications from Transceiver | fixeria | 10/03/2019 05:27 PM | Related to #3428,Related to #3428,Related to #3665,Related to #3428,Blocks #3428,Blocks #2975 |

OsmoCBC (4)

| | | | | | | | | | |
|------|---------|--|---------|-------------|------|----------------------------------|---------|---------------------|---|
| 3977 | OsmoCBC | | Feature | New | High | SABP stream delineation routines | laforge | 09/23/2019 04:49 AM | Related to #3979 |
| 3978 | OsmoCBC | | Bug | In Progress | High | SABP encoding/decoding routines | laforge | 09/23/2019 04:46 AM | |
| 2393 | OsmoCBC | | Feature | In Progress | High | Implement Cell Broadcast Centre | laforge | 07/18/2019 08:50 PM | Related to #6,Related to #2392,Related to #2393 |
| 3979 | OsmoCBC | | Bug | In Progress | High | TTCN3 SABP support | laforge | 09/23/2019 04:45 AM | Related to #3979,Related to #3979 |

Osmocom Analog (1)

| | | | | | | | | | |
|------|----------------|--|---------|-----|--------|-------------------------------|--|---------------------|--|
| 3672 | Osmocom Analog | | Feature | New | Normal | Custom announcement and tones | | 10/25/2018 05:10 PM | |
|------|----------------|--|---------|-----|--------|-------------------------------|--|---------------------|--|

Osmocom Conferences (OsmoDevCon + OsmoCon) (4)

| # | Project | Category | Tracker | Status | Priority | Subject | Assignee | Updated | Related issues |
|------|--|----------|---------|--------|----------|--|----------|---------------------|----------------|
| 2179 | Osmocom Conferences (OsmoDevCon + OsmoCon) | | Bug | New | Normal | no sign about OsmoCon outside of venue | | 04/24/2017 07:10 PM | |
| 2292 | Osmocom Conferences (OsmoDevCon + OsmoCon) | | Bug | New | Normal | Time with community users during OsmoCon | | 05/25/2017 03:03 PM | |
| 3200 | Osmocom Conferences (OsmoDevCon + OsmoCon) | | Bug | New | Normal | OsmoDevCon: Use loudspeakers even at IN-Berlin | | 04/23/2018 06:53 PM | |
| 3201 | Osmocom Conferences (OsmoDevCon + OsmoCon) | | Bug | New | Normal | OsmoDevCon: Add one more rectangular table | | 04/23/2018 07:00 PM | |

Osmocom.org Servers (33)

| | | | | | | | | | |
|------|---------------------|--|---------|-----|--------|---|---------|---------------------|------------------|
| 2578 | Osmocom.org Servers | | Feature | New | Low | DNSSEC setup for osmocom.org | laforge | 10/17/2017 11:59 AM | Related to #2578 |
| 2579 | Osmocom.org Servers | | Feature | New | Low | Enable DANE for osmocom.org | laforge | 10/17/2017 12:00 PM | Related to #2578 |
| 2636 | Osmocom.org Servers | | Feature | New | Low | publish HTML versions of osmo-gsm-manuals | | 09/04/2019 09:21 AM | |
| 2830 | Osmocom.org Servers | | Feature | New | Low | migrate dect.osmocom.org to redmine | zecke | 10/07/2018 01:39 PM | Related to #3087 |
| 3084 | Osmocom.org Servers | | Feature | New | Low | migrate dns to new server | laforge | 03/28/2018 05:11 PM | Related to #3123 |
| 3087 | Osmocom.org Servers | | Feature | New | Low | migrate dect.osmocom.org to new server | laforge | 10/07/2018 01:52 PM | Related to #3087 |
| 3123 | Osmocom.org Servers | | Feature | New | Low | have dns zone in git.osmocom.org | laforge | 03/28/2018 05:11 PM | Related to #3123 |
| 3257 | Osmocom.org Servers | | Feature | New | Low | migrate ftp to new server | laforge | 05/10/2018 09:34 PM | |
| 3291 | Osmocom.org Servers | | Feature | New | Low | gerrit - redmine integration | | 05/25/2018 04:34 PM | |
| 3276 | Osmocom.org Servers | | Bug | New | Low | 502 during cgkit rendering of large repo / increase proxy timeout | laforge | 05/17/2018 12:28 PM | |
| 1673 | Osmocom.org Servers | | Feature | New | Normal | Make the old trac sqlite3 pages available | zecke | 03/25/2016 12:34 PM | |
| 1984 | Osmocom.org Servers | | Feature | New | Normal | make list archives more readable/accessible | | 03/15/2017 11:20 AM | |

| # | Project | Category | Tracker | Status | Priority | Subject | Assignee | Updated | Related issues |
|------|---------------------|----------|---------|-------------|----------|---|------------|---------------------|--|
| 2681 | Osmocom.org Servers | | Bug | New | Normal | bogus user accounts + spam | | 11/23/2017 06:59 PM | |
| 3083 | Osmocom.org Servers | | Feature | New | Normal | migrate trac to new server? | laforge | 06/13/2018 09:55 AM | |
| 3322 | Osmocom.org Servers | | Feature | New | Normal | Header image needed for our OpenCollective site | tsaitgaist | 06/06/2018 08:30 PM | |
| 2945 | Osmocom.org Servers | jenkins | Feature | New | Normal | Use "--config-cache" configure option to speed up builds | zecke | 02/14/2018 09:50 PM | |
| 3071 | Osmocom.org Servers | | Bug | New | Normal | docker-in-lxc setup results in high lxcfs CPU load | laforge | 03/17/2018 12:24 PM | |
| 3308 | Osmocom.org Servers | | Bug | New | Normal | jenkins: master-asn1c build: "error: 'param' undeclared" | | 08/20/2018 04:09 PM | |
| 3354 | Osmocom.org Servers | | Bug | New | Normal | Gerrit: wrong redirect URL after signing in | | 06/18/2018 09:20 PM | |
| 3471 | Osmocom.org Servers | | Bug | New | Normal | host2.osmocom.org not starting all services on reboot. | laforge | 08/18/2018 01:50 PM | |
| 4083 | Osmocom.org Servers | | Bug | New | Normal | git.osmocom.org: error: garbage at end of loose object | sysmocom | 10/21/2019 12:15 PM | |
| 4243 | Osmocom.org Servers | | Bug | New | Normal | master-simtrace2 failed to build from October 19 onwards: \$WORKSPACE environment missing | osmith | 10/30/2019 08:29 AM | |
| 3303 | Osmocom.org Servers | | Feature | New | High | migrate openmoko.org into "archive mode" and remove dedicated server for it | laforge | 10/07/2018 03:27 PM | Related to #3303 |
| 3085 | Osmocom.org Servers | | Feature | In Progress | Low | where to migrate openmoko-backup? | laforge | 08/08/2018 10:38 AM | Related to #3303,Related to #3304,Related to #3305 |
| 3258 | Osmocom.org Servers | | Feature | In Progress | Low | migrate to mailman3 + HyperKitty | laforge | 10/07/2018 01:36 PM | Related to #3258 |
| 3307 | Osmocom.org Servers | | Feature | In Progress | Normal | migrate mail.osmocom.org / lists.osmocom.org to container on host2 | laforge | 10/07/2018 01:35 PM | Related to #3305 |
| 3631 | Osmocom.org Servers | | Feature | In Progress | Normal | migrate/upgrade openmoko.org mediawiki to osmocom-host2 | laforge | 10/07/2018 09:29 AM | |
| 3736 | Osmocom.org Servers | | Bug | In Progress | Normal | sporadic segmentation faults on jenkins build slave | | 12/16/2018 04:08 PM | |
| 2831 | Osmocom.org Servers | | Feature | Stalled | Low | migrate dedected.org to osmocom.org | laforge | 10/07/2018 03:25 PM | |
| 3080 | Osmocom.org Servers | | Feature | Stalled | Low | migrate nginx dispatcher to new server | laforge | 05/13/2018 10:03 PM | |
| 2492 | Osmocom.org Servers | | Bug | Stalled | Normal | build-2 has early/buggy Ryzen 7 core | laforge | 09/06/2017 09:42 AM | |

| # | Project | Category | Tracker | Status | Priority | Subject | Assignee | Updated | Related issues |
|-----------------------|---------------------|----------------------------|---------|---------|----------|---|----------|---------------------|-----------------------------------|
| 3076 | Osmocom.org Servers | | Feature | Stalled | Normal | migrate to new (2018-03) server "host2.osmocom.org" | laforge | 05/29/2018 11:24 PM | |
| 2015 | Osmocom.org Servers | redmine | Bug | Stalled | Normal | redmine/gerrit authentication expires too often/frequently | zecke | 03/27/2018 01:44 PM | |
| OsmocomBB (35) | | | | | | | | | |
| 2556 | OsmocomBB | | Feature | New | Low | Extend virt_phy and "mobile" with support for voice frames | laforge | 05/10/2018 09:14 PM | Related to #2556,Related to #2556 |
| 3280 | OsmocomBB | | Feature | New | Low | Multiparty SS support in OsmocomBB | | 05/22/2018 07:40 AM | |
| 2913 | OsmocomBB | | Feature | New | Low | Add a tool that decodes Cell Broadcasts (SMSCB) | | 09/29/2018 09:31 AM | Related to #3564 |
| 3387 | OsmocomBB | osmocon | Feature | New | Low | osmocon: Use libosmocore logging system | | 10/05/2018 04:21 PM | |
| 2966 | OsmocomBB | | Feature | New | Low | virtphy should have a localhost-only mode | | 07/18/2019 05:48 AM | |
| 1916 | OsmocomBB | | Bug | New | Normal | building GNU ARM toolchain with gcc-4.8 fails on modern texinfo | | 10/16/2017 02:14 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 | fixeria | 07/18/2019 05:43 AM | |
| 2690 | OsmocomBB | | Bug | New | Normal | ASAN issue on shutdown/no shutdown SYSINFO access | | 11/29/2017 09:33 AM | |
| 2694 | OsmocomBB | | Bug | New | Normal | SIGSEGV in lapdm code | | 11/30/2017 08:45 AM | |
| 2705 | OsmocomBB | | Bug | New | Normal | GSM48_MMR_NREG_REQ followed by GSM48_MMR_REG_REQ don't attach to the network | | 12/03/2017 09:50 PM | |
| 2995 | OsmocomBB | | Bug | New | Normal | Wrong parsing of PAGING TYPE 3 | | 02/24/2018 11:03 PM | Related to #2994 |
| 3397 | OsmocomBB | OsmocomBB Firmware | Feature | New | Normal | target/firmware: get rid of libosmocore dependency | fixeria | 07/16/2018 08:22 PM | |
| 3629 | OsmocomBB | | Bug | New | Normal | mobile aborting after 'test re-selection 1' on vty | | 10/04/2018 02:58 PM | |
| 3669 | OsmocomBB | | Bug | New | Normal | empty IMSI in vty | | 10/24/2018 04:15 PM | |
| 3401 | OsmocomBB | OsmocomBB Layer 1 (Coding) | Bug | New | Normal | target/firmware/l1ctl: both chan_nr and link_id are not set for L1CTL_DATA_CONF | | 07/16/2018 11:56 PM | |
| 3554 | OsmocomBB | trxcon | Bug | New | Normal | trxcon/scheduler: misaligned burst reception | fixeria | 06/21/2019 11:56 AM | |
| 3557 | OsmocomBB | trxcon | Bug | New | Normal | trxcon: decoding errors after applying a new TCH mode | fixeria | 06/21/2019 11:56 AM | |
| 3653 | OsmocomBB | OsmocomBB HW Drivers | Bug | New | Normal | FACCH/H sometimes not received by BTS with osmocomBB+motorolaCXX | | 10/22/2018 02:37 PM | |
| 3652 | OsmocomBB | OsmocomBB mobile (host) | Bug | New | Normal | Incorrect IMEISV setting in mobile application | | 10/12/2018 08:20 PM | |
| 3666 | OsmocomBB | trxcon | Feature | New | Normal | Introduce VTY interface | fixeria | 06/21/2019 11:56 AM | Related to #3667 |
| 3761 | OsmocomBB | trxcon | Feature | New | Normal | Separate TDMA scheduler into a library (libtdmasched) | fixeria | 06/21/2019 11:56 AM | |

| # | Project | Category | Tracker | Status | Priority | Subject | Assignee | Updated | Related issues |
|------|-----------|----------------------------|---------|--------|----------|--|----------|---------------------|------------------|
| 1458 | OsmocomBB | OsmocomBB Layer 1 (Coding) | Bug | New | High | AGC broken (strong cell cannot be synced | tnt | 07/18/2019 06:10 AM | Related to #3582 |

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