

## all-by-project

| #   | Project                         | Category | Tracker | Status | Priority | Subject  | Assignee | Updated             | Related issues  |
|---|---------------------------------|----------|---------|--------|----------|--|----------|---------------------|---|
| <b>cellmgr-ng (1)</b>                       |                                 |          |         |        |          |  |          |                     |   |
| 1664  | cellmgr-ng                      |          | Bug     | New    | Normal   | m3ua connection should make non-blocking connect   | zecke    | 03/17/2016 10:37 AM |   |
| <b>Cellular Modem Information (1)</b>       |                                 |          |         |        |          |  |          |                     |   |
| 3658  | Cellular Modem Information      |          | Feature | New    | Normal   | Create a "osmocom-bb-host-latest" docker container                                       |          | 10/16/2018 02:11 PM | Related to #3658  |
| <b>Cellular Network Infrastructure (69)</b> |                                 |          |         |        |          |  |          |                     |   |
| 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  |
| 3127  | Cellular Network Infrastructure |          | Bug     | New    | High     | update the [[Osmocom Network In The Box]] wiki page                                      | daniel   | 05/08/2019 02:37 PM |   |
| 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 available 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  |

| #    | Project                         | Category | Tracker | Status | Priority | Subject  | Assignee  | Updated             | Related issues                    |
|------|---------------------------------|----------|---------|--------|----------|--|-----------|---------------------|-----------------------------------|
| 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                  |
| 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 |                                   |
| 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 |                                   |

| #    | Project                         | Category | Tracker | Status | Priority | Subject  | Assignee               | Updated             | Related issues  |
|------|---------------------------------|----------|---------|--------|----------|--|------------------------|---------------------|---|
| 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   |
| 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 |   |

| #    | Project                         | Category | Tracker | Status      | Priority | Subject   | Assignee | Updated             | Related issues   |
|------|---------------------------------|----------|---------|-------------|----------|---|----------|---------------------|--|
| 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 |  |
| 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 |  |
| 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   |
| 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   |
| 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 |
| 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   |
| 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   |

| #    | Project                         | Category | Tracker | Status  | Priority | Subject   | Assignee  | Updated             | Related issues   |
|------|---------------------------------|----------|---------|---------|----------|---|-----------|---------------------|--|
| 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                  |
| 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 |

### 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)

|      |                          |  |         |             |        |   |          |                     |  |
|------|--------------------------|--|---------|-------------|--------|---|----------|---------------------|--|
| 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                  |
| 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                                   |
| 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 |

| #                      | Project                  | Category | Tracker | Status   | Priority | Subject  | Assignee  | Updated             | Related issues                    |
|------------------------|--------------------------|----------|---------|----------|----------|--|-----------|---------------------|-----------------------------------|
| 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 |
| <b>FidoNet (1)</b>     |                          |          |         |          |          |  |           |                     |                                   |
| 2805                   | FidoNet                  |          | Bug     | New      | Low      | Create reproducible / semi-automatic way to create FidoNet node on Linux   |           | 07/18/2019 05:34 AM |                                   |
| <b>gr-gsm (9)</b>      |                          |          |         |          |          |  |           |                     |                                   |
| 3459                   | gr-gsm                   |          | Bug     | New      | High     | apps/grgsm_trx: AssertionError: packet_info.packet_count == (seq_to_ack & 0xffff)                                  | ptrkrysik | 08/10/2018 07:58 AM |                                   |
| 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 |                                   |
| 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 |                                   |
| 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 |                                   |
| <b>gr-osmosdr (19)</b> |                          |          |         |          |          |  |           |                     |                                   |
| 3819                   | gr-osmosdr               |          | Support | New      | Urgent   | OSMO SDR blocks for GNUradio   |           | 02/28/2019 06:00 PM |                                   |
| 2824                   | gr-osmosdr               |          | Bug     | New      | High     | Corrupted double-linked for Raspbian Stretch when running osmoccom_fft (and any other program using osmosdr.source |           | 06/03/2018 12:08 PM |                                   |
| 3734                   | gr-osmosdr               |          | Bug     | New      | High     | Cannot compile gr-osmoccom   |           | 12/16/2018 12:22 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 |                                   |

| #  | Project                        | Category | Tracker | Status      | Priority | Subject  | Assignee  | Updated             | Related issues   |
|--|--------------------------------|----------|---------|-------------|----------|--|-----------|---------------------|------------------|
| 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 |                  |
| 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 |                  |
| 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 |                  |
| <b>GSM Audio Pocket Knife (2)</b>          |                                |          |         |             |          |  |           |                     |                  |
| 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 |                  |
| <b>libosmo-abis (4)</b>                    |                                |          |         |             |          |  |           |                     |                  |
| 3622                                       | libosmo-abis                   |          | Bug     | New         | Normal   | Clear API mess in sign_link_up callback  | pespin    | 10/02/2018 07:34 PM |                  |
| 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 |                  |
| 4248                                       | libosmo-abis                   |          | Bug     | In Progress | High     | debian nightly packages without dahdi support  | laforge   | 11/11/2019 04:15 PM |                  |
| <b>libosmo-netif (4)</b>                   |                                |          |         |             |          |  |           |                     |                  |
| 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     |
| 3006                                       | libosmo-netif                  |          | Bug     | New         | Low      | Osmux: improvements on lost/dropped RTP packets  |           | 09/30/2018 08:34 AM |                  |
| 3812                                       | libosmo-netif                  |          | Bug     | Stalled     | Normal   | stream_test fails depending on where it is run   |           | 03/13/2019 04:15 PM |                  |
| <b>libosmo-ranap (2)</b>                   |                                |          |         |             |          |  |           |                     |                  |
| 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 |                  |
| <b>libosmo-sccp + libosmo-sigtran (14)</b> |                                |          |         |             |          |  |           |                     |                  |
| 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 |

| #    | Project                        | Category | Tracker | Status  | Priority | Subject  | Assignee | Updated             | Related issues                                     |
|------|--------------------------------|----------|---------|---------|----------|--|----------|---------------------|--|
| 3921 | libosmo-sccp + libosmo-sigtran |          | Bug     | New     | Normal   | high local reference numbers get cut off   |          | 04/12/2019 01:23 PM |  |
| 1688 | libosmo-sccp + libosmo-sigtran |          | Feature | New     | Low      | SUA: support N-STATE indication primitives for connect and disconnect events   |          | 04/08/2018 07:59 AM |  |
| 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 |  |
| 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)

|      |             |  |         |     |        |   |        |                     |  |
|------|-------------|--|---------|-----|--------|---|--------|---------------------|--|
| 1982 | libosmocore |  | Bug     | New | High   | LAPD: segfault in lapd_est_req function                                       |        | 07/18/2019 05:49 AM | Related to #1982                                   |
| 4095 | libosmocore |  | Bug     | New | High   | osmo_get_rand_id() can fail under debian jessie                               | osmith | 07/18/2019 05:50 AM |  |
| 1716 | libosmocore |  | Feature | New | Normal | enhance unit test coverage  |        | 08/17/2016 03:57 PM | Related to #1987,Precedes #1717                    |
| 1762 | libosmocore |  | 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 |



| #    | Project    | Category    | Tracker | Status | Priority | Subject   | Assignee               | Updated             | Related issues                                     |
|------|------------|-------------|---------|--------|----------|---|------------------------|---------------------|--|
| 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 |  |
| 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 |  |
| 1872 | libosmcore |             | Feature | New    | Low      | high-performance remote logging   |                        | 10/05/2017 06:27 AM |  |
| 1938 | libosmcore |             | Bug     | New    | Low      | lapd_core human readable connection IDs in debug log                            | dexter                 | 05/17/2018 02:02 PM |  |
| 2186 | libosmcore |             | Feature | New    | Low      | split libosmcrypto  |                        | 10/05/2017 06:25 AM |  |
| 2610 | libosmcore |             | Feature | New    | Low      | optimize GnuTLS fallback  |                        | 05/01/2018 04:07 PM | Related to #2610,Related to #3909                  |

| #    | Project    | Category      | Tracker | Status      | Priority | Subject  | Assignee | Updated             | Related issues   |
|------|------------|---------------|---------|-------------|----------|--|----------|---------------------|------------------|
| 3626 | libosmcore | libosmogsm    | Bug     | New         | Low      | LAPDm code pulls both 'l1h' and 'l2h' of msgb  | fixeria  | 11/27/2018 09:43 PM |                  |
| 3845 | libosmcore | libosmogb     | Feature | New         | Low      | Unified logging in Gb NS / BSSGP code  |          | 03/16/2019 02:33 PM |                  |
| 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 |                  |
| 2676 | libosmcore |               | Support | In Progress | Normal   | Document stat_item   | daniel   | 03/19/2018 04:52 PM | Related to #2676 |
| 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 |                  |
| 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 |                  |
| 2475 | libosmcore | libosmogsm    | Feature | Feedback    | Low      | XOR authentication not implemented   |          | 11/07/2019 02:40 PM | Related to #2475 |
| 1910 | libosmcore |               | Feature | Stalled     | Normal   | add v4 encryption support  |          | 01/22/2018 10:35 AM | Related to #1910 |

#### linmodem (9)

|      |          |  |         |     |        |   |  |                     |  |
|------|----------|--|---------|-----|--------|---|--|---------------------|--|
| 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 |  |
| 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 |  |

#### Linux Kernel GTP-U (4)

|      |                    |  |         |     |        |   |         |                     |  |
|------|--------------------|--|---------|-----|--------|---|---------|---------------------|--|
| 1943 | Linux Kernel GTP-U |  | Feature | New | High   | test setup for Linux kernel GTP-U tunneling module  | laforge | 05/30/2018 02:56 PM |  |
| 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 |  |

#### 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)

11/20/2019

10/28

| #                                 | 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 |                  |
| <b>Miscellaneous Projects (4)</b> |                        |                                |         |             |          |   |            |                     |                  |
| 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 |
| <b>Mobile (in)Security (7)</b>    |                        |                                |         |             |          |   |            |                     |                  |
| 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 |                  |
| 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 |                  |
| <b>multi-voltage USB UART (1)</b> |                        |                                |         |             |          |   |            |                     |                  |
| 3038                              | multi-voltage USB UART |                                | Feature | New         | Normal   | Add mounting holes?   |            | 03/07/2018 02:12 AM |                  |
| <b>OP25 (19)</b>                  |                        |                                |         |             |          |   |            |                     |                  |
| 2155                              | OP25                   |                                | Feature | New         | High     | Replace FSK4 demodulation with IQ demodulator stage.                |            | 04/22/2017 04:16 PM |                  |
| 2156                              | OP25                   |                                | Feature | New         | High     | Implement forward error correction for HDU.                         |            | 04/22/2017 04:16 PM |                  |
| 2157                              | OP25                   |                                | Feature | New         | High     | Fix "traffic" tab so it displays data for non-HDU data units        |            | 04/22/2017 04:16 PM |                  |
| 2158                              | OP25                   |                                | Feature | New         | High     | Create a shared library for decoding for WireShark and the decoder. |            | 04/22/2017 04:16 PM |                  |
| 2160                              | OP25                   |                                | Feature | New         | High     | Add "datascope" to usrp_p25_rx.py                                   |            | 04/22/2017 04:16 PM |                  |
| 2162                              | OP25                   |                                | Bug     | New         | High     | Fix bit-ordering in output for VC55.                                |            | 04/22/2017 04:15 PM |                  |

| #    | Project | Category | Tracker | Status | Priority | Subject   | Assignee | Updated             | Related issues |
|------|---------|----------|---------|--------|----------|---|----------|---------------------|----------------|
| 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 |                |
| 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 |                |

#### OpenBSC (4)

|      |         |              |         |     |        |  |                        |                     |                                   |
|------|---------|--------------|---------|-----|--------|--|------------------------|---------------------|-----------------------------------|
| 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 |                                   |
| 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 |
| 65   | OpenBSC | osmo-bts-amp | Bug     | New | Low    | MIC29301-5.0 is a TO220-5 footprint part                                       | mschramm               | 05/08/2019 03:10 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)

|      |           |  |         |     |        |   |         |                     |  |
|------|-----------|--|---------|-----|--------|---|---------|---------------------|--|
| 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 |  |
| 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 |  |

#### 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)

|      |             |               |         |             |        |   |         |                     |                                   |
|------|-------------|---------------|---------|-------------|--------|---|---------|---------------------|-----------------------------------|
| 3883 | osmo-remsim |               | Bug     | New         | Urgent | osmo-remsim user manual lacks examples                              | laforge | 07/16/2019 02:43 PM |                                   |
| 4021 | osmo-remsim | tests         | Support | New         | High   | long-term end-to-end osmo-remsim test setup                         | roh     | 10/18/2019 02:51 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 | ttn3-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-resmsim-bankd requires unreleased libosmocore patch            | laforge | 11/07/2019 02:23 PM |                                   |
| 3887 | osmo-remsim | remsim-client | Feature | New         | Low    | remsim-client: allow for local handling of APDUs                    | laforge | 05/08/2019 03:30 PM |                                   |
| 3889 | osmo-remsim | tests         | Bug     | In Progress | Urgent | adjust TTCN3 remsim testsuite to latest code                        | laforge | 05/08/2019 03:30 PM |                                   |
| 4097 | osmo-remsim |               | Bug     | Feedback    | Urgent | osmo-remsim-bankd leaking memory                                    | roh     | 09/18/2019 06:25 PM | Related to #4097,Related to #4119 |
| 4119 | osmo-remsim | remsim-client | Bug     | Feedback    | Normal | osmo-remsim-client-st2 leaking memory                               | roh     | 09/18/2019 06:24 PM | Related to #4119                  |

### osmo-sip-connector (10)

|      |                    |  |         |     |        |  |          |                     |                  |
|------|--------------------|--|---------|-----|--------|--|----------|---------------------|------------------|
| 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 |  |
| 1687                | osmo-sip-connector |             | Feature | New         | Low      | osmo-sip-connector: Explore 3-way conference call                                | sysmocom  | 09/04/2019 09:31 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 |
| 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 |  |
| 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   |
| <b>OsmoBSC (88)</b> |                    |             |         |             |          |  |           |                     |  |
| 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 |  |
| 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 |
| 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 |  |

| #    | Project | Category      | Tracker | Status | Priority | Subject   | Assignee  | Updated             | Related issues                                   |
|------|---------|---------------|---------|--------|----------|---|-----------|---------------------|--|
| 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                |
| 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 |  |

| #    | Project | Category      | Tracker | Status | Priority | Subject   | Assignee  | Updated             | Related issues                    |
|------|---------|---------------|---------|--------|----------|---|-----------|---------------------|-----------------------------------|
| 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 |                                   |
| 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 |                                   |



| #    | Project | Category    | Tracker | Status | Priority | Subject   | Assignee | Updated             | Related issues                                     |
|------|---------|-------------|---------|--------|----------|---|----------|---------------------|--|
| 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                                   |
| 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 |  |

| #    | Project | Category    | Tracker | Status      | Priority | Subject   | Assignee | Updated             | Related issues                                     |
|------|---------|-------------|---------|-------------|----------|---|----------|---------------------|--|
| 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                  |
| 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                  |
| 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 |

| #                     | Project    | Category       | Tracker | Status  | Priority | Subject   | Assignee  | Updated             | Related issues  |
|-----------------------|------------|----------------|---------|---------|----------|---|-----------|---------------------|---|
| 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 |
| 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                  |
| 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   |
| 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 |   |
| <b>OsmoBSCNAT (2)</b> |            |                |         |         |          |   |           |                     |   |
| 4124                  | OsmoBSCNAT |                | Feature | New     | Normal   | OsmoBSCNAT : Write user manual  | sysmocom  | 07/22/2019 09:02 AM | Related to #4124  |
| 2545                  | OsmoBSCNAT |                | Feature | New     | Low      | OsmoBSCNAT misses 3GPP AoIP   |           | 05/30/2018 02:14 PM |   |
| <b>OsmoBTS (85)</b>   |            |                |         |         |          |   |           |                     |   |
| 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 |   |
| 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 |   |

| #    | Project | Category       | Tracker | Status | Priority | Subject  | Assignee               | Updated             | Related issues  |
|------|---------|----------------|---------|--------|----------|--|------------------------|---------------------|---|
| 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                                   |
| 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                                   |
| 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 |   |

| #    | Project | Category | Tracker | Status | Priority | Subject   | Assignee               | Updated             | Related issues  |
|------|---------|----------|---------|--------|----------|---|------------------------|---------------------|---|
| 1561 | OsmoBTS |          | Feature | New    | Low      | Multi-TRX support (one osmo-bts process per TRX)                |                        | 02/23/2016 03:18 PM |   |
| 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 sysmbots 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 |   |
| 3863 | OsmoBTS |                | Support | In Progress | Urgent   | setup testing of osmo-bts-oc2g on real hardware with ttcn3 and osmocon/osmocombb               | 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   |
| 1851 | OsmoBTS | osmo-bts-trx   | Feature | In Progress | Normal   | generalize power control and TA loop code  | pespin    | 11/14/2019 04:55 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 measurment 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 |
| 2356 | OsmoBTS |                     | Feature | In Progress | Low      | have per-SAPI logging in OsmoBTS DL1P / DL1C  | osmith   | 09/27/2019 01:36 PM | Related to #2355   |
| 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  |
| 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   |
| 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                          |
| 2975 | OsmoBTS | osmo-bts-trx        | Bug     | Stalled     | Normal   | OsmoBTS doesn't generate measurement indications in absence of uplink bursts  | dexter   | 11/19/2019 03:00 PM | Related to #2965,Related to #2975,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 |  |

| #   | Project        | Category         | Tracker | Status      | Priority | Subject   | Assignee | Updated             | Related issues   |
|---|----------------|------------------|---------|-------------|----------|---|----------|---------------------|--|
| 3665  | OsmoBTS        |                  | Bug     | Stalled     | Normal   | TTCN3 BTS_Tests last SACCH burst received too late<br>-> wrong fake uplink measurement report | pespin   | 10/25/2018 09:35 AM | Related to #3665,Related to #3665,Related to #3665                   |
| 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 osmocombb                                     | 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                                    |
| 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 |  |
| <b>OsmoCBC (4)</b>                                    |                |                  |         |             |          |   |          |                     |  |
| 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                                    |
| <b>Osmocom Analog (1)</b>                             |                |                  |         |             |          |   |          |                     |  |
| 3672  | Osmocom Analog |                  | Feature | New         | Normal   | Custom announcement and tones   |          | 10/25/2018 05:10 PM |  |
| <b>Osmocom Conferences (OsmoDevCon + OsmoCon) (4)</b> |                |                  |         |             |          |   |          |                     |  |



| #    | 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)

|      |                     |         |         |     |        |   |            |                     |                  |
|------|---------------------|---------|---------|-----|--------|---|------------|---------------------|------------------|
| 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 |
| 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 |                  |
| 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 |                  |

| #    | Project             | Category | Tracker | Status      | Priority | Subject   | Assignee | Updated             | Related issues                                     |
|------|---------------------|----------|---------|-------------|----------|---|----------|---------------------|--|
| 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 |  |
| 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 cgit rendering of large repo / increase proxy timeout                          | laforge  | 05/17/2018 12:28 PM |  |
| 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 |  |
| 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                                   |
| 2492 | Osmocom.org Servers |          | Bug     | Stalled     | Normal   | build-2 has early/buggy Ryzen 7 core  | laforge  | 09/06/2017 09:42 AM |  |
| 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 |  |

| #                     | Project             | Category                   | Tracker | Status  | Priority | Subject   | Assignee | Updated             | Related issues                    |
|-----------------------|---------------------|----------------------------|---------|---------|----------|---|----------|---------------------|-----------------------------------|
| 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 |                                   |
| <b>OsmocomBB (35)</b> |                     |                            |         |         |          |   |          |                     |                                   |
| 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                  |
| 1462                  | OsmocomBB           | OsmocomBB Layer 1 (Coding) | Bug     | New     | High     | ../../src/utlis.c:182:7: error: only weak aliases are supported in this configuration |          | 02/21/2016 04:48 PM |                                   |
| 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 libosmococodec 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 |                                   |
| 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 |

| #    | Project   | Category | Tracker | Status | Priority | Subject   | Assignee | Updated             | Related issues   |
|------|-----------|----------|---------|--------|----------|---|----------|---------------------|------------------|
| 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 |                  |

...