

## 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 (72)</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 |   |
| 3128  | Cellular Network Infrastructure |          | Feature | New    | High     | mention invalidated vty options in [[OsmonITB Migration Guide]]                          | 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 |   |

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|------|---------------------------------|----------|---------|--------|----------|--|-----------|---------------------|-----------------------------------|
| 3541 | Cellular Network Infrastructure |          | Bug     | New    | Normal   | Conflicting Debian packages: python3-osmopy-utils and osmocom-nitb                                 | osmith    | 09/30/2018 11:53 AM | Related to #3541                  |
| 3660 | Cellular Network Infrastructure |          | Bug     | New    | Normal   | TTCN3 Jenkins jobs leave Docker containers running when stopped                                    | osmith    | 10/11/2019 01:04 PM |                                   |
| 3699 | Cellular Network Infrastructure |          | Feature | New    | Normal   | merge Debian patches   | Hoernchen | 07/16/2019 08:00 PM | Related to #3699,Related to #3753 |
| 4063 | Cellular Network Infrastructure |          | Feature | New    | Normal   | Add current version information to the VTY reference manuals                                       |           | 06/19/2019 09:51 AM |                                   |
| 4069 | Cellular Network Infrastructure |          | Bug     | New    | Normal   | Implement IPA PING/PONG mechanism everywhere   | Hoernchen | 06/21/2019 02:44 PM | Related to #4072                  |
| 4073 | Cellular Network Infrastructure |          | Feature | New    | Normal   | try to get counter and vty reference information at compile time                                   | Hoernchen | 07/03/2019 12:20 AM | Related to #4073                  |
| 4086 | Cellular Network Infrastructure |          | Support | New    | Normal   | Testing the 3G Osmocom Network without a Femto Cell  |           | 07/10/2019 09:15 PM |                                   |
| 4091 | Cellular Network Infrastructure |          | Feature | New    | Normal   | Osmux: Make sure all handover types work fine if a call leg is using Osmux between BSC and MSC.    | pespin    | 07/05/2019 02:10 PM |                                   |
| 4107 | Cellular Network Infrastructure |          | Feature | New    | Normal   | Start systemd services as non-root user  | osmith    | 07/15/2019 06:56 AM | Related to #4107                  |
| 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 |                                   |

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|------|---------------------------------|----------|---------|--------|----------|--|------------------------|---------------------|---|
| 2385 | Cellular Network Infrastructure |          | Feature | New    | Low      | validate debian rules/control as part of jenkins build testing                                     | osmith                 | 09/30/2018 08:16 AM |   |
| 2451 | Cellular Network Infrastructure |          | Feature | New    | Low      | Add static builds to jenkins jobs  | osmith                 | 09/30/2018 08:18 AM |   |
| 2531 | Cellular Network Infrastructure |          | Feature | New    | Low      | tweak TODO-RELEASE and LIBVERSION comments to match latest osmo-mgw edits                          | pespin                 | 05/04/2018 12:05 PM | Related to #2531  |
| 2554 | Cellular Network Infrastructure |          | Feature | New    | Low      | Reference/Demo setup + documentation for use of OsmoBSC+OsmoBSCNAT with OSMUX                      | pespin                 | 07/18/2019 05:22 AM | Related to #2553,Related to #2552,Related to #2551,Related to #2554 |
| 2584 | Cellular Network Infrastructure |          | Feature | New    | Low      | Have "osmo-network-check" to verify "Network In The Box" setup                                     | neels                  | 10/05/2018 04:20 PM | Related to #2618  |
| 2599 | Cellular Network Infrastructure |          | Feature | New    | Low      | automatically determine unit test coverage   |                        | 09/30/2018 08:20 AM | Is duplicate of #1987   |
| 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 |   |

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|------|---------------------------------|----------|---------|-------------|----------|--|----------|---------------------|--|
| 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 |  |
| 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 |  |
| 3598 | Cellular Network Infrastructure |          | Bug     | In Progress | Normal   | jenkins "master" jobs use different compile flags than "gerrit" build verification | osmith   | 10/11/2019 08:29 AM |  |
| 3726 | Cellular Network Infrastructure |          | Bug     | In Progress | Normal   | Jenkins: build all Osmocom projects in docker, not only some                       | osmith   | 10/11/2019 08:28 AM | Related to #3726,Related to #3726  |
| 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   |
| 4137 | Cellular Network Infrastructure |          | Support | In Progress | Low      | "can not patch PT because no suitable egress codec was found" = One way audio      | dexter   | 08/28/2019 08:31 AM |  |
| 4006 | Cellular Network Infrastructure |          | Feature | Feedback    | Urgent   | TRX protocol: wind of change   | fixeria  | 08/06/2019 11:49 AM | Related to #4006,Related to #4006,Related to #4006,Related to #4081,Blocks #3428 |
| 2256 | Cellular Network Infrastructure |          | Bug     | Feedback    | Low      | Malformed packet sending an SMS  | pespin   | 05/08/2019 04:18 PM |  |
| 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 |  |

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|--|---------------------------------|----------|---------|----------|----------|---|-----------|---------------------|--|
| 2558                                   | Cellular Network Infrastructure |          | Feature | Stalled  | Normal   | Scripts to manage thousands of "mobile" and hundreds of osmo-bts-virtual instances      |           | 09/04/2019 09:22 AM | Related to #2557,Related to #2556,Related to #2555,Related to #2558,Blocks #2893 |
| 2728                                   | Cellular Network Infrastructure |          | Bug     | Stalled  | Normal   | Align better with 48.103 for AoIP user plane (AMR marker bit for frame following ONSET) |           | 09/04/2019 09:34 AM | Related to #3798   |
| 3725                                   | Cellular Network Infrastructure |          | Bug     | Stalled  | Normal   | Jenkins isn't using the credentials store for uploading to rita.osmocom.org             | osmith    | 02/01/2019 10:39 AM | Related to #3725,Related to #3725,Related to #3726,Related to #3772              |
| 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              |
| <b>Core testing infrastructure (3)</b> |                                 |          |         |          |          |   |           |                     |  |
| 4203                                   | Core testing infrastructure     |          | Bug     | New      | Normal   | Make ttcn3-bts-test(-latest) artifacts smaller  | sysmocom  | 09/13/2019 11:18 AM |  |
| 4212                                   | Core testing infrastructure     |          | Feature | New      | Normal   | TTCN3 docker containers: tell glibc to print segfault output to stderr                  | sysmocom  | 09/19/2019 10:18 AM |  |
| 4176                                   | Core testing infrastructure     |          | Bug     | Feedback | Normal   | ttcn3-sgsn: Sporadic failures since lu support introduced                               | laforge   | 08/27/2019 05:32 PM |  |
| <b>E1/T1 Hardware Interface (8)</b>    |                                 |          |         |          |          |   |           |                     |  |
| 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 |  |

| #    | Project                  | Category | Tracker | Status      | Priority | Subject  | Assignee | Updated             | Related issues                                     |
|------|--------------------------|----------|---------|-------------|----------|--|----------|---------------------|--|
| 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 |
| 2484 | E1/T1 Hardware Interface |          | Feature | Stalled     | Low      | Architecture of USB E1/T1/J1 adapter           | laforge  | 05/30/2018 03:03 PM | Related to #3242,Related to #3237                  |

### FidoNet (1)

|      |         |  |     |     |     |  |  |                     |  |
|------|---------|--|-----|-----|-----|--|--|---------------------|--|
| 2805 | FidoNet |  | Bug | New | Low | Create reproducible / semi-automatic way to create FidoNet node on Linux |  | 07/18/2019 05:34 AM |  |
|------|---------|--|-----|-----|-----|--|--|---------------------|--|

### gr-gsm (9)

|      |        |  |         |          |        |   |           |                     |                  |
|------|--------|--|---------|----------|--------|---|-----------|---------------------|------------------|
| 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] rcv packet demuxer unexpected sid 0xXX         |           | 09/21/2018 10:12 AM | Related to #3692 |
| 3423 | gr-gsm |  | Feature | Stalled  | Normal | Receiver: hard-coded GSM 05.02 channel configuration                              | ptrkrysik | 02/06/2019 10:00 AM |                  |

### gr-osmosdr (19)

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

| #    | Project    | Category | Tracker | Status | Priority | Subject  | Assignee | Updated             | Related issues |
|------|------------|----------|---------|--------|----------|--|----------|---------------------|----------------|
| 3512 | gr-osmosdr |          | Support | New    | Normal   | Bug #3462 on Arch Linux; gr-osmosdr install fails                                      | horiz0n  | 01/26/2019 06:10 PM |                |
| 3594 | gr-osmosdr |          | Feature | New    | Normal   | Message Commands   |          | 09/25/2018 03:59 PM |                |
| 3595 | gr-osmosdr |          | Feature | New    | Normal   | RX Tags  |          | 09/25/2018 04:01 PM |                |
| 3596 | gr-osmosdr |          | Feature | New    | Normal   | TX Tags  |          | 09/25/2018 04:01 PM |                |
| 3663 | gr-osmosdr |          | Bug     | New    | Normal   | Can't compile gr-osmosdr on macOS Mojave   |          | 10/19/2018 02:37 PM |                |
| 3802 | gr-osmosdr |          | Feature | New    | Normal   | New release  | horiz0n  | 02/15/2019 07:22 AM |                |
| 3462 | gr-osmosdr |          | Bug     | New    | Normal   | gr-osmosdr installation bladerf conversion errors                                      | horiz0n  | 07/18/2019 05:35 AM |                |
| 3592 | gr-osmosdr |          | Bug     | New    | Normal   | rtl: Race Conditions   | horiz0n  | 07/18/2019 05:35 AM |                |
| 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 |                |

### GSM Audio Pocket Knife (2)

|      |                        |  |     |         |        |   |         |                     |  |
|------|------------------------|--|-----|---------|--------|---|---------|---------------------|--|
| 3398 | GSM Audio Pocket Knife |  | Bug | New     | Normal | build: configure fails if (optional) libalsa wasn't found | fixeria | 07/16/2018 08:45 PM |  |
| 2514 | GSM Audio Pocket Knife |  | Bug | Stalled | Normal | GSM HR encoding result does not match the reference       | fixeria | 04/03/2019 08:37 AM |  |

### libosmo-abis (3)

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

### libosmo-netif (6)

|      |               |  |     |          |        |  |         |                     |              |
|------|---------------|--|-----|----------|--------|--|---------|---------------------|--------------|
| 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 |
| 4193 | libosmo-netif |  | Bug | New      | Normal | osmux reference pdf has auto-generated plot not displayed in pdf | pespin  | 09/09/2019 07:08 PM |              |
| 3006 | libosmo-netif |  | Bug | New      | Low    | Osmux: improvements on lost/dropped RTP packets                  |         | 09/30/2018 08:34 AM |              |
| 4184 | libosmo-netif |  | Bug | Feedback | Normal | libosmo-netif failure on Debian 10 / OBS                         | laforge | 09/05/2019 09:20 AM |              |
| 3812 | libosmo-netif |  | Bug | Stalled  | Normal | stream_test fails depending on where it is run                   |         | 03/13/2019 04:15 PM |              |

### libosmo-ranap (2)

| #  | Project                        | Category | Tracker | Status  | Priority | Subject  | Assignee  | Updated             | Related issues                                     |
|--|--------------------------------|----------|---------|---------|----------|--|-----------|---------------------|--|
| 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                                   |
| 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     |
| <b>libosmocore (40)</b>                    |                                |          |         |         |          |  |           |                     |  |
| 1982                                       | libosmocore                    |          | Bug     | New     | High     | LAPD: segfault in lapd_est_req function  |           | 07/18/2019 05:49 AM | Related to #1982                                   |



| #    | Project     | Category      | Tracker | Status | Priority | Subject   | Assignee | Updated             | Related issues                                     |
|------|-------------|---------------|---------|--------|----------|---|----------|---------------------|--|
| 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 |
| 1761 | libosmocore |               | 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 | libosmocore |               | Feature | New    | Normal   | gcov code coverage test support   |          | 03/17/2017 01:05 PM | Related to #1987,Is duplicate of #1987             |
| 2677 | libosmocore |               | Support | New    | Normal   | Make stat_item available over ctrl interface                                    |          | 09/04/2019 09:21 AM | Related to #2676                                   |
| 2682 | libosmocore |               | Feature | New    | Normal   | replace legacy counters with rate_ctr   |          | 09/04/2019 09:21 AM |  |
| 2688 | libosmocore |               | Bug     | New    | Normal   | CTRL iface: make rate_ctr request parser more strict                            |          | 11/29/2017 01:40 PM |  |
| 3909 | libosmocore |               | Bug     | New    | Normal   | osmo_get_rand_id() fails in containerised environment                           |          | 04/07/2019 04:05 PM | Related to #3909                                   |
| 3309 | libosmocore |               | Feature | New    | Normal   | osmo_timer_* should use monotonic clock   |          | 05/31/2018 03:59 PM | Related to #3309                                   |
| 4028 | libosmocore |               | Bug     | New    | Normal   | libosmocore build job hangs indefinitely / port 42000 already used              | osmith   | 07/18/2019 05:50 AM |  |
| 4104 | libosmocore |               | Bug     | New    | Normal   | support for KASME generation  | laforge  | 07/12/2019 10:15 AM | Related to #4105                                   |
| 4105 | libosmocore |               | Feature | New    | Normal   | Support for LTE key derivation functions  | laforge  | 07/13/2019 02:07 AM | Related to #4105                                   |
| 4149 | libosmocore |               | Bug     | New    | Normal   | osmo_fsm allows event names to have spaces in them                              | laforge  | 08/24/2019 12:31 PM |  |
| 3521 | libosmocore |               | Feature | New    | Normal   | core/utills: engineering notation helpers                                       | fixeria  | 09/04/2018 08:32 PM |  |
| 3867 | libosmocore |               | 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 | libosmocore |               | Bug     | New    | Normal   | osmo_fsm_inst_change_parent() forgets to talloc reparent                        |          | 05/08/2019 08:00 AM |  |
| 1872 | libosmocore |               | Feature | New    | Low      | high-performance remote logging   |          | 10/05/2017 06:27 AM |  |
| 1938 | libosmocore |               | Bug     | New    | Low      | lapd_core human readable connection IDs in debug log                            | dexter   | 05/17/2018 02:02 PM |  |
| 2186 | libosmocore |               | Feature | New    | Low      | split libosmocrypto   |          | 10/05/2017 06:25 AM |  |
| 2610 | libosmocore |               | Feature | New    | Low      | optimize GnuTLS fallback  |          | 05/01/2018 04:07 PM | Related to #2610,Related to #3909                  |
| 4103 | libosmocore |               | Feature | New    | Low      | TUAK support as per 3GPP TS 35.231  |          | 07/12/2019 09:55 AM |  |
| 3522 | libosmocore | libosmocoding | Feature | New    | Low      | libosmocoding: move TCH ordering functions to libosmocodec and share them       | fixeria  | 09/04/2018 08:49 PM |  |

| #    | Project    | Category    | Tracker | Status      | Priority | Subject  | Assignee               | Updated             | Related issues   |
|------|------------|-------------|---------|-------------|----------|--|------------------------|---------------------|------------------|
| 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 |
| 3987 | libosmcore | libosmcore  | Feature | New         | Low      | introduce libosmcore_init() to replace individual initialization calls                           |                        | 05/08/2019 03:03 PM | Related to #3987 |
| 4053 | libosmcore | libosmoctrl | Feature | New         | Normal   | CTRL: Add CTRL cmd introspection to print documentation  | Hoernchen              | 06/14/2019 08:23 PM | Related to #4053 |
| 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 |
| 3845 | libosmcore | libosmogb   | Feature | New         | Low      | Unified logging in Gb NS / BSSGP code  |                        | 03/16/2019 02:33 PM |                  |
| 4074 | libosmcore | libosmogsm  | Bug     | New         | Normal   | LAPD timers completely broken  | Osmocom CNI Developers | 06/21/2019 04:12 PM | Related to #4074 |
| 3626 | libosmcore | libosmogsm  | Bug     | New         | Low      | LAPDm code pulls both 'l1h' and 'l2h' of msgb  | fixeria                | 11/27/2018 09:43 PM |                  |
| 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 |                  |
| 4088 | libosmcore | libosmcore  | Bug     | Feedback    | Normal   | logging: Add API to enable mutex protecting around llogging target list                          | pespin                 | 09/17/2019 06:30 PM | Related to #4089 |
| 4190 | libosmcore | libosmcore  | Feature | Feedback    | Normal   | osmo_tdef: Add fields min_val,max_val and enforce those  | pespin                 | 09/17/2019 11:16 AM |                  |
| 2905 | libosmcore | libosmogsm  | Feature | Feedback    | Normal   | implement proper/generic mandatory IE validation   | fixeria                | 09/26/2018 11:03 PM |                  |
| 4089 | libosmcore | libosmovty  | Bug     | Feedback    | Normal   | libosmovty: ASan heap-use-after-free in osmo-trx while messing with VTY (debug enabled)          | pespin                 | 09/19/2019 01:54 PM | Related to #4089 |
| 1910 | libosmcore |             | Feature | Stalled     | Normal   | add v4 encryption support  |                        | 01/22/2018 10:35 AM | Related to #1910 |
| 2475 | libosmcore | libosmogsm  | Feature | Stalled     | Low      | XOR authentication not implemented   |                        | 10/25/2018 11:14 PM | Related to #2475 |

#### 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)

| #    | Project            | Category | Tracker | Status | Priority | Subject   | Assignee | Updated             | Related issues |
|------|--------------------|----------|---------|--------|----------|---|----------|---------------------|----------------|
| 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 (2)

|      |  |  |         |     |        |  |          |                     |  |
|------|--|--|---------|-----|--------|--|----------|---------------------|--|
| 4216 | m.2 (NGFF) WWAN modem USB breakout board |  | Bug     | New | Normal | connect PCIe conn pin 7 on NGFF to GND | mschramm | 09/28/2019 12:10 AM |  |
| 4201 | m.2 (NGFF) WWAN modem USB breakout board |  | Feature | New | Low    | consider usb type C instead of micro-B | mschramm | 09/13/2019 08:46 AM |  |

### Misc Hardware Projects (1)

|      |                        |  |         |             |     |                              |     |                     |  |
|------|------------------------|--|---------|-------------|-----|------------------------------|-----|---------------------|--|
| 3566 | Misc Hardware Projects |  | Feature | In Progress | Low | build charger for gsm-r toys | roh | 09/30/2018 08:39 AM |  |
|------|------------------------|--|---------|-------------|-----|------------------------------|-----|---------------------|--|

### Miscellaneous Projects (4)

|      |                        |  |         |             |        |   |            |                     |                  |
|------|------------------------|--|---------|-------------|--------|---|------------|---------------------|------------------|
| 64   | Miscellaneous Projects |  | Bug     | New         | Normal | osmo-bts-amp: 2.2uF capacitors next to PA need to be 0603, not 0805 | tnt        | 02/21/2016 04:48 PM |                  |
| 3847 | Miscellaneous Projects |  | Feature | New         | Normal | Osmocom logo with/for black background                              | tsaitgaist | 03/18/2019 08:54 AM | Blocks #3848     |
| 3848 | Miscellaneous Projects |  | Feature | In Progress | Normal | Osmocom stickers with black background / non-rectangular outline    | maike      | 09/04/2019 09:28 AM | Blocks #3848     |
| 3870 | Miscellaneous Projects |  | Feature | In Progress | Normal | jenkins job generating tarballs of all tagged releases              | osmith     | 07/16/2019 07:49 AM | Related to #4084 |

### Mobile (in)Security (7)

|      |                     |                                |     |     |        |  |  |                     |  |
|------|---------------------|--------------------------------|-----|-----|--------|--|--|---------------------|--|
| 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 |  |
| 1480 | Mobile (in)Security | MS (Mobile Station)            | Bug | New | High   | A5/3 is not deployed in GSM networks               |  | 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 |  |
| 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 |  |

### multi-voltage USB UART (1)

| #                  | Project                | Category     | Tracker | Status | Priority | Subject  | Assignee               | Updated             | Related issues                    |
|--------------------|------------------------|--------------|---------|--------|----------|--|------------------------|---------------------|-----------------------------------|
| 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 |                                   |
| 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 |                                   |
| 2170               | OP25                   |              | Bug     | New    | High     | Implement forward error-correction code, remove IT++ dependency                |                        | 04/22/2017 04:14 PM |                                   |
| 2171               | OP25                   |              | Feature | New    | High     | Use libfftw3 for IFFT/FFT functions.   |                        | 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 |                                   |
| <b>OpenBSC (4)</b> |                        |              |         |        |          |  |                        |                     |                                   |
| 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)

| #                       | Project        | Category      | Tracker | Status      | Priority | Subject   | Assignee | Updated             | Related issues                    |
|-------------------------|----------------|---------------|---------|-------------|----------|---|----------|---------------------|-----------------------------------|
| 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 |                                   |
| <b>osmo-fl2k (4)</b>    |                |               |         |             |          |   |          |                     |                                   |
| 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 |                                   |
| <b>osmo-qcdiag (7)</b>  |                |               |         |             |          |   |          |                     |                                   |
| 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 |                                   |
| <b>osmo-remsim (11)</b> |                |               |         |             |          |   |          |                     |                                   |
| 3883                    | osmo-remsim    |               | Bug     | New         | Urgent   | osmo-remsim user manual lacks examples  | laforge  | 07/16/2019 02:43 PM |                                   |
| 3885                    | osmo-remsim    |               | Feature | New         | Normal   | remsim-server should expose status information                                | laforge  | 04/01/2019 07:23 PM | Precedes #3885                    |
| 3884                    | osmo-remsim    | remsim-bankd  | Feature | New         | Normal   | redesign bankd thread architecture  | laforge  | 05/08/2019 03:31 PM | Precedes #3885,Precedes #3886     |
| 3919                    | osmo-remsim    | remsim-client | Feature | New         | Normal   | remsim-client ifd_handler for PC/SC integration                               | laforge  | 05/08/2019 03:30 PM |                                   |
| 3887                    | osmo-remsim    | remsim-client | Feature | New         | Low      | remsim-client: allow for local handling of APDUs                              | laforge  | 05/08/2019 03:30 PM |                                   |
| 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                    |
| 4021                    | osmo-remsim    | tests         | Support | New         | High     | long-term end-to-end osmo-remsim test setup                                   | roh      | 09/18/2019 06:42 PM |                                   |
| 4205                    | osmo-remsim    | tests         | Bug     | New         | Normal   | ttn3-remsim-test only shows results for bankd                                 | laforge  | 09/13/2019 12:04 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 |

| #                              | Project            | Category      | Tracker | Status      | Priority | Subject  | Assignee  | Updated             | Related issues   |
|--------------------------------|--------------------|---------------|---------|-------------|----------|--|-----------|---------------------|--|
| 4119                           | osmo-remsim        | remsim-client | Bug     | Feedback    | Normal   | osmo-remsim-client-st2 leaking memory  | roh       | 09/18/2019 06:24 PM | Related to #4119   |
| <b>osmo-sip-connector (10)</b> |                    |               |         |             |          |  |           |                     |  |
| 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 |  |
| 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     | 09/26/2019 07:43 PM | 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 (85)</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                                   |
| 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 |
| 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                         |
|------|---------|----------|---------|--------|----------|---|-----------|---------------------|--|
| 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 |  |
| 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                       |
| 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 |  |
| 3479 | OsmoBSC |          | Feature | New    | Normal   | test "every single failure" in osmo-bsc FSMs  |           | 08/20/2018 11:15 AM | Related to #3479                       |
| 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 |
| 3505 | OsmoBSC |          | Feature | New    | Normal   | ttcn3: test inter-BSC HO with encryption enabled  | neels     | 08/28/2018 06:38 PM | Related to #3505                       |
| 3190 | OsmoBSC |          | Bug     | New    | Normal   | RSL DELETE INDication not implemented   | osmith    | 07/18/2019 05:42 AM |  |
| 3243 | OsmoBSC |          | Bug     | New    | Normal   | there is MGW config for each separate 'msc', but the MGW settings are stored only once globally                               |           | 05/07/2018 03:10 PM |  |
| 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 |  |
| 4166 | OsmoBSC |          | Bug     | New    | Normal   | BORKEN Error / broken lchan / WAIT_ACTIV_ACK: Timeout   |           | 08/22/2019 11:30 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      |
| 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 |  |
| 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                       |
| 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 |  |
| 39   | OsmoBSC |          | Feature | New    | Low      | Logging filter on bts/trx or such   |           | 03/01/2018 11:16 PM |  |

| #    | Project | Category    | Tracker | Status | Priority | Subject   | Assignee | Updated             | Related issues                    |
|------|---------|-------------|---------|--------|----------|---|----------|---------------------|-----------------------------------|
| 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 |                                   |
| 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                  |
| 1613 | OsmoBSC |             | Feature | New    | Low      | make BTS/TRX configuration changes without having to drop BTS OML link  |          | 12/10/2017 08:06 PM |                                   |
| 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                  |
| 3737 | OsmoBSC |             | Bug     | New    | Low      | abort because unused lchan has non-null conn pointer, after AMR config error  |          | 05/08/2019 03:35 PM |                                   |
| 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             |
| 4189 | OsmoBSC |             | Feature | New    | Low      | TTCN-3 tests for load-based hand-over in BSC  |          | 09/04/2019 09:10 AM | Related to #4189                  |
| 3642 | OsmoBSC |             | Bug     | New    | Low      | logging filter imsi leaks bsc_subscr references   |          | 10/09/2018 10:04 PM |                                   |
| 3786 | OsmoBSC |             | Bug     | New    | Low      | Assignment Request modifies conn->lcls state before the Assignment is successful  | dexter   | 05/08/2019 03:37 PM |                                   |
| 3787 | OsmoBSC |             | Bug     | New    | Low      | Assignment Request modifies conn->codec_list before the Assignment is successful  | dexter   | 05/08/2019 03:38 PM |                                   |
| 3831 | OsmoBSC |             | Feature | New    | Low      | BSC support for "network sharing"   |          | 03/08/2019 10:27 PM |                                   |
| 3841 | OsmoBSC |             | Bug     | New    | Low      | cosmetic: tearing down the old lchan after inter-BSC handover always goes through RELEASE_AFTER_ERROR (instead of normal release) | neels    | 05/08/2019 05:43 PM |                                   |
| 4010 | OsmoBSC |             | Feature | New    | Low      | Test RSL CHAN ACT related details for different scenarios   | laforge  | 05/21/2019 09:02 PM | Related to #4010,Related to #4010 |
| 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 |                                   |
| 3682 | OsmoBSC | A interface | Feature | New    | Normal   | Intra-domain connection of OsmoBSC to multiple MSCs   |          | 09/04/2019 09:01 AM |                                   |
| 3454 | OsmoBSC | A interface | Feature | New    | Low      | disable/constrain/hide "multiple msc" concept   | sysmocom | 08/08/2018 02:22 PM |                                   |
| 34   | OsmoBSC | A-bis OML   | Bug     | New    | Normal   | ipaccess init code needs proper state machines  |          | 12/10/2017 08:16 PM | Related to #34                    |



| #    | Project | Category  | Tracker | Status | Priority | Subject   | Assignee  | Updated             | Related issues                                   |
|------|---------|-----------|---------|--------|----------|---|-----------|---------------------|--|
| 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                |
| 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 |
| 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                |
| 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                                 |
| 3330 | OsmoBSC | A-bis RSL | Feature | New    | Normal   | osmo-bsc: Implement IMMEDIATE ASSIGNMENT EXTENDED   | sysmocom  | 06/08/2018 12:14 PM | Related to #3330                                 |
| 4070 | OsmoBSC | A-bis RSL | Bug     | New    | Normal   | Implement IPA PING/PONG mechanism on RSL and OML  | Hoernchen | 06/21/2019 02:47 PM |  |
| 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   |
| 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                |
| 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                                 |
| 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                                 |
| 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                |

| #    | Project | Category      | Tracker | Status      | Priority | Subject   | Assignee | Updated             | Related issues                                     |
|------|---------|---------------|---------|-------------|----------|---|----------|---------------------|--|
| 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 |
| 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                              |
| 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 |  |
| 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 |  |
| 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                  |
| 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                                   |
| 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 |  |
| 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                  |
| 3806 | OsmoBSC | A interface   | Bug     | In Progress | Normal   | OsmoBSC accepts BSSAP with wrong length field   |          | 09/04/2019 09:26 AM | Related to #3806                                   |
| 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 |  |
| 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 |  |
| 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                  |
| 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  |
|------|---------|-------------|---------|---------|----------|--|-----------|---------------------|---|
| 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 |   |
| 3659 | OsmoBSC | RTP/Media   | Bug     | Stalled | High     | LCLS directly between BTSs                               | Hoernchen | 05/15/2019 01:40 PM | Related to #3659,Related to #3659,Related to #3659,Related to #3659,Related to #3659,Related to #3783 |

### OsmoBSCNAT (2)

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

### OsmoBTS (91)

|      |         |  |         |     |        |   |           |                     |                                   |
|------|---------|--|---------|-----|--------|---|-----------|---------------------|-----------------------------------|
| 1622 | OsmoBTS |  | Bug     | New | Normal | OsmoBTS power control in compliant to TS 05.08 and TS 08.58                     | laforge   | 07/18/2019 05:15 AM | Related to #1851,Related to #3750 |
| 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 |                                   |
| 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 |                                   |
| 3530 | OsmoBTS |  | Feature | New | Normal | merge PRIM_INFO_MEAS into PRIM_PH_DATA and PRIM_TCH                             | dexter    | 09/07/2018 08:40 AM | Related to #3530                  |
| 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 |                                   |

| #    | Project | Category | Tracker | Status | Priority | Subject  | Assignee | Updated             | Related issues  |
|------|---------|----------|---------|--------|----------|--|----------|---------------------|---|
| 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  |          | 07/01/2019 07:14 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                                   |
| 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 |   |
| 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 |   |
| 1578 | OsmoBTS |          | Bug     | New    | Low      | RSL MODE MODIFY can change multi-rate config, but not encryption parameters                        | osmith   | 09/30/2018 11:14 AM |   |
| 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 |   |
| 1751 | OsmoBTS |          | Bug     | New    | Low      | incompatibility between LCR and DTX  |          | 06/14/2016 04:39 PM |   |
| 1692 | OsmoBTS |          | Feature | New    | Low      | clock source monitoring  |          | 04/13/2016 09:49 AM |   |
| 1744 | OsmoBTS |          | Bug     | New    | Low      | 1-way voice between sysmobts and nanobts if DTX is enabled   |          | 07/18/2019 06:08 AM | Related to #1562  |

| #    | Project | Category | Tracker | Status | Priority | Subject  | Assignee               | Updated             | Related issues  |
|------|---------|----------|---------|--------|----------|--|------------------------|---------------------|---|
| 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 |
| 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   |
| 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 |   |
| 4014 | OsmoBTS |          | Feature | New    | Low      | Allow multiple [virtual] BTS instances on same [SDR] hardware that supports multiple TRX       |                        | 05/21/2019 12:07 PM |   |
| 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  |
|------|---------|----------------|---------|-------------|----------|---|------------------------|---------------------|---|
| 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   |
| 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  |
| 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 |   |
| 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  |
| 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  |
| 2674 | OsmoBTS | osmo-bts-sysmo | Bug     | New         | Low      | osmo-bts-sysmo GPRS failing if running without "-M"   | pespin                 | 07/18/2019 06:08 AM |   |
| 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   |
| 1851 | OsmoBTS | osmo-bts-trx   | Feature | New         | Normal   | generalize power control and TA loop code   | tnt                    | 10/20/2018 07:37 PM | Related to #1851,Related to #1851,Related to #1851  |
| 1852 | OsmoBTS | osmo-bts-trx   | Feature | New         | Normal   | DTX support for osmo-bts-trx  |                        | 02/08/2017 04:09 PM | Is duplicate of #1750   |
| 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 |   |
| 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  |
| 3863 | OsmoBTS |                | Support | In Progress | Urgent   | setup testing of osmo-bts-oc2g on real hardware with ttcn3 and osmocon/osmocom-bb             | dexter                 | 07/18/2019 06:04 AM |   |
| 3155 | OsmoBTS |                | Feature | In Progress | Urgent   | execute BTS_Tests.ttcn with real (C123) phone hardware in LTHW setup                          | pespin                 | 04/15/2019 05:15 PM | Related to #3353,Related to #3155   |
| 3750 | OsmoBTS |                | Feature | In Progress | Normal   | Extension of BTS_Tests.ttcn test coverage   | Hoernchen              | 06/19/2019 10:35 AM | 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   |
|------|---------|--------------|---------|-------------|----------|---|----------|---------------------|--|
| 3803 | OsmoBTS |              | Bug     | In Progress | Normal   | fix frame number calculation in scheduler_trx   | dexter   | 10/10/2019 01:59 PM | Related to #3803,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   |
| 1898 | OsmoBTS |              | Bug     | Feedback    | Low      | Wrong handover detection with l1sap on wrong ss=0/ts=0  |          | 11/07/2017 09:54 PM |  |
| 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   |
| 4102 | OsmoBTS | osmo-bts-trx | Bug     | Feedback    | Normal   | osmo-bts-trx: incorrect PTCCH handling  | fixeria  | 10/13/2019 07:05 PM | Related to #4102   |
| 4213 | OsmoBTS | osmo-bts-trx | Support | Feedback    | Normal   | ms-power-control  |          | 09/29/2019 06:20 PM |  |
| 4215 | OsmoBTS | osmo-bts-trx | Bug     | Feedback    | Normal   | osmo-bts-trx: DL burst towards osmo-trx dopped due to enqueued CMD NOHANDOVER   | pespin   | 10/08/2019 04:45 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   |
| 3569 | OsmoBTS |              | Bug     | Stalled     | Normal   | Some phones don't receive SMSGB   | laforge  | 01/14/2019 03:32 PM |  |
| 3665 | OsmoBTS |              | Bug     | Stalled     | Normal   | TTCN3 BTS_Tests last SACCH burst received too late -> wrong fake uplink measurement report  | pespin   | 10/25/2018 09:35 AM | Related to #3665,Related to #3665,Related to #3665   |
| 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  |
| 2977 | OsmoBTS |              | Feature | Stalled     | Normal   | OsmoBTS measurment processing at L1SAP too complex / pass measurements along with data  | dexter   | 02/15/2019 04:48 PM | Related to #2977,Related to #2977,Related to #3530,Related to #3428,Related to #3395,Related to #2977,Related to #3803 |
| 3299 | OsmoBTS |              | Bug     | Stalled     | Normal   | osmo_ortp: scheduler is not started   | dexter   | 06/25/2018 08:02 PM |  |
| 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 |  |

| #                  | Project | Category            | Tracker | Status      | Priority | Subject   | Assignee | Updated             | Related issues  |
|--------------------|---------|---------------------|---------|-------------|----------|---|----------|---------------------|---|
| 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   |
| 1950               | OsmoBTS | osmo-bts-litecell15 | Bug     | Stalled     | High     | LC15: BTS does not send L2 fill frame   | pespin   | 07/18/2019 05:56 AM |   |
| 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 |   |
| 3052               | OsmoBTS | osmo-bts-sysmo      | Bug     | Stalled     | Normal   | osmo-bts-sysmo fails to detect RACH bursts from osmocom-bb                    | laforge  | 03/14/2018 05:42 AM |   |
| 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,Related to #3428,Blocks #3428     |
| 2975               | OsmoBTS | osmo-bts-trx        | Bug     | Stalled     | Normal   | OsmoBTS doesn't generate measurement indications in absence of uplink bursts  | dexter   | 11/05/2018 12:58 PM | Related to #2965,Related to #2975,Related to #2975,Related to #2977,Related to #3665,Related to #3428 |
| 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  |
| 2325               | OsmoBTS | osmo-bts-trx        | Bug     | Stalled     | Low      | sporadic shutdown of osmo-bts-trx in osmo-gsm-tester runs (no clock from trx) | pespin   | 05/08/2019 06:12 PM | Related to #2325,Related to #2325,Related to #2344  |
| 2979               | OsmoBTS | osmo-bts-virtual    | Bug     | Stalled     | Low      | osmo-bts-virtual reports bogus measurement values                             | laforge  | 07/18/2019 06:06 AM |   |
| 4023               | OsmoBTS | PCU Interface       | Bug     | Stalled     | Normal   | Missing coverage of PCU interface in osmo-bts                                 |          | 09/04/2019 09:05 AM | Related to #4023  |
| <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   |



| #   | Project                                    | Category | Tracker | Status      | Priority | Subject   | Assignee   | Updated             | Related issues                    |
|---|--|----------|---------|-------------|----------|---|------------|---------------------|-----------------------------------|
| 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> |  |          |         |             |          |   |            |                     |                                   |
| 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 |                                   |
| <b>Osmocom.org Servers (32)</b>                       |  |          |         |             |          |   |            |                     |                                   |
| 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 |                                   |
| 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 |                                   |

| #    | Project             | Category | Tracker | Status      | Priority | Subject  | Assignee | Updated             | Related issues                                     |
|------|---------------------|----------|---------|-------------|----------|--|----------|---------------------|--|
| 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 | 08/29/2019 06:31 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 |  |
| 2945 | Osmocom.org Servers | jenkins  | Feature | New         | Normal   | Use "--config-cache" configure option to speed up builds           | zecke    | 02/14/2018 09:50 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                                   |

| #    | Project             | Category | Tracker | Status  | Priority | Subject  | Assignee | Updated             | Related issues |
|------|---------------------|----------|---------|---------|----------|--|----------|---------------------|----------------|
| 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 |                |
| 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 |                |
| 2015 | Osmocom.org Servers | redmine  | Bug     | Stalled | Normal   | redmine/gerrit authentication expires too often/frequently | zecke    | 03/27/2018 01:44 PM |                |

### OsmocomBB (35)

|      |           |                            |         |     |        |  |         |                     |                                   |
|------|-----------|----------------------------|---------|-----|--------|--|---------|---------------------|-----------------------------------|
| 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                  |
| 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 |                                   |
| 2556 | OsmocomBB |                            | Feature | New | Low    | Extend virt_phy and "mobile" with support for voice frames                   | laforge | 05/10/2018 09:14 PM | Related to #2556,Related to #2556 |
| 3280 | OsmocomBB |                            | Feature | New | Low    | Multiparty SS support in OsmocomBB   |         | 05/22/2018 07:40 AM |                                   |
| 2913 | OsmocomBB |                            | Feature | New | Low    | Add a tool that decodes Cell Broadcasts (SMSCB)                              |         | 09/29/2018 09:31 AM | Related to #3564                  |
| 2966 | OsmocomBB |                            | Feature | New | Low    | virtphy should have a localhost-only mode                                    |         | 07/18/2019 05:48 AM |                                   |
| 3397 | OsmocomBB | OsmocomBB Firmware         | Feature | New | Normal | target/firmware: get rid of libosmocodec dependency                          | fixeria | 07/16/2018 08:22 PM |                                   |
| 3653 | OsmocomBB | OsmocomBB HW Drivers       | Bug     | New | Normal | FACCH/H sometimes not received by BTS with osmocomBB+motorolaCXX             |         | 10/22/2018 02:37 PM |                                   |
| 1458 | OsmocomBB | OsmocomBB Layer 1 (Coding) | Bug     | New | High   | AGC broken (strong cell cannot be synced                                     | tnt     | 07/18/2019 06:10 AM | Related to #3582                  |

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