

## Issues

| #    | Project                               | Tracker | Status      | Priority | Subject  | Assignee | Updated             | Related issues   |
|------|---------------------------------------|---------|-------------|----------|--|----------|---------------------|--|
| 3209 | OsmoGGSN (former OpenGGSN)            | Bug     | Stalled     | Urgent   | no example config file + documentation about kernel GTP with OsmoGGSN                                | laforge  | 07/04/2018 12:45 PM |  |
| 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 |
| 3395 | OsmoPCU                               | Bug     | Feedback    | Urgent   | Uplink CS/MCS control is broken osmo-pcu is used with osmo-bts-trx/osmo-trx                          | lynxis   | 09/06/2019 08:30 PM | Related to #3395,Related to #3395,Related to #3395,Related to #3834              |
| 4097 | osmo-remsim                           | Bug     | Feedback    | Urgent   | osmo-remsim-bankd leaking memory   | roh      | 09/18/2019 06:25 PM | Related to #4097,Related to #4119  |
| 3863 | OsmoBTS                               | Support | In Progress | Urgent   | setup testing of osmo-bts-oc2g on real hardware with ttcn3 and osmocon/osmocombb                     | dexter   | 07/18/2019 06:04 AM |  |
| 3889 | osmo-remsim                           | Bug     | In Progress | Urgent   | adjust TTCN3 remsim testsuite to latest code   | laforge  | 05/08/2019 03:30 PM |  |
| 1683 | osmo-sip-connector                    | Bug     | In Progress | Urgent   | osmo-sip-connector: Implement codec selection / move codec selection to osmo-msc                     | neels    | 09/19/2019 07:22 AM | Related to #1683,Related to #1683,Related to #1683,Related to #1683              |
| 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  |
| 3819 | gr-osmosdr                            | Support | New         | Urgent   | OSMO SDR blocks for GNUradio   |          | 02/28/2019 06:00 PM |  |
| 4206 | Qualcomm Linux Modems by Quectel & Co | Support | New         | Urgent   | Unbrick cpe router without web ui interface and terminal   |          | 09/16/2019 10:41 AM |  |
| 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   |
| 3883 | osmo-remsim                           | Bug     | New         | Urgent   | osmo-remsim user manual lacks examples   | laforge  | 07/16/2019 02:43 PM |  |
| 2620 | Cellular Network Infrastructure       | Bug     | New         | Urgent   | Testing NITB Migration Guide   | roh      | 05/08/2019 02:40 PM | Related to #2620   |
| 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                               |
| 1792 | OsmoPCU                               | Bug     | Stalled     | High     | 2 MS tests: Issue with TS allocation for DL in PCU   | sysmocom | 08/17/2017 06:53 AM |  |

| #    | Project                         | Tracker | Status  | Priority | Subject  | Assignee   | Updated             | Related issues   |
|------|---------------------------------|---------|---------|----------|--|------------|---------------------|--|
| 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   |
| 2978 | OsmoBTS                         | Bug     | Stalled | High     | OsmoBTS rxlev/rxqual SUB computation completely broken [AMR DTX]   | dexter     | 09/03/2018 07:44 AM | Related to #2978   |
| 2987 | OsmoBTS                         | 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  |
| 1548 | OsmoPCU                         | Bug     | Stalled | High     | 11bit RACH support   | fixeria    | 05/19/2019 07:43 AM | Related to #1548,Related to #3054,Related to #3014,Is duplicate of #1548   |
| 3399 | OsmocomBB                       | Feature | Stalled | High     | mobile: refactor / finish external MNCC handler implementation   | fixeria    | 10/04/2018 09:07 PM |  |
| 3717 | OsmoHLR                         | Bug     | Stalled | High     | SS/USSD: fix SS session inactivity timeout   | fixeria    | 12/05/2018 08:45 PM |  |
| 3659 | OsmoBSC                         | 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 #3659,Related to #3783 |
| 3568 | OsmoBTS                         | Bug     | Stalled | High     | CBCH on SDCCH/8 not working for osmo-bts-sysmo   | laforge    | 01/14/2019 03:29 PM |  |
| 2409 | OsmocomBB                       | Feature | Stalled | High     | Add GPRS support to virt_phy and L1CTL   | laforge    | 07/04/2018 12:48 PM |  |
| 1640 | OsmoPCU                         | Bug     | Stalled | High     | Missing release field/length in MS RA capability container   | lynxis     | 04/15/2019 07:47 AM |  |
| 1759 | OsmoPCU                         | Bug     | Stalled | High     | Wrong calculation of DL window size for DL assignment  | lynxis     | 04/15/2019 07:46 AM | Related to #1533,Related to #1524  |
| 3294 | OsmoMSC                         | Bug     | Stalled | High     | transaction: refactor callref allocation   | neels      | 09/22/2019 09:35 PM | Related to #3294,Related to #3294  |
| 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   |
| 2400 | OsmoPCU                         | Bug     | Stalled | High     | transmit SI13 on PACCH during long TBFs  | osmith     | 09/10/2019 11:58 AM | Related to #2400   |
| 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   |
| 1950 | OsmoBTS                         | Bug     | Stalled | High     | LC15: BTS does not send L2 fill frame  | pespin     | 07/18/2019 05:56 AM |  |
| 1705 | SIMtrace 2                      | Bug     | Stalled | High     | re-integrate tracing + card reader modes into SIMtrace2 firmware (SAM3S)   | tsaitgaist | 08/13/2018 04:54 PM | Related to #1705   |
| 3379 | SIMtrace 2                      | Bug     | Stalled | High     | documentation on how to use SIMtrace2  | tsaitgaist | 10/25/2018 09:12 AM |  |

| #    | Project                         | Tracker | Status      | Priority | Subject  | Assignee | Updated             | Related issues  |
|------|---------------------------------|---------|-------------|----------|--|----------|---------------------|---|
| 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  |
| 1461 | OsmocomBB                       | Feature | Feedback    | High     | include some version information / negotiation in the L1CTL protocol               | fixeria  | 06/21/2019 11:56 AM | Related to #1461,Blocks #3400   |
| 3506 | OsmoBTS                         | Bug     | Feedback    | High     | FACCH LAPDm sequence error (state LAPD_STATE_MF_EST)                               | fixeria  | 04/04/2019 06:35 PM | Related to #3906  |
| 4126 | OsmoSGSN                        | Bug     | Feedback    | High     | use vty objects instead of hardcoded sctp object (and remote-ip)                   | lynxis   | 08/12/2019 12:17 PM |   |
| 4188 | OsmoBSC                         | Bug     | Feedback    | High     | BSC sends COMPLETE L3 before RESET   | pespin   | 09/04/2019 07:16 PM | Related to #4188,Related to #4188   |
| 1766 | OsmoPCU                         | Bug     | In Progress | High     | KPIs for OsmoPCU: EGPRS  |          | 10/29/2017 06:47 PM | Related to #1766,Related to #1766   |
| 1720 | OsmoSGSN                        | Feature | In Progress | High     | extend/complete OsmoSGSN user manual   | daniel   | 07/26/2019 10:10 AM |   |
| 3428 | OsmoBTS                         | Bug     | In Progress | High     | Too many contiguous elapsed fn, dropping...  | fixeria  | 07/16/2019 08:02 PM | Related to #3428,Related to #3428,Related to #3665,Related to #3428,Related to #3428,Blocks #3428 |
| 3515 | OsmoTRX                         | Bug     | In Progress | High     | license confusion in OsmoTRX   | ipse     | 07/29/2019 01:25 PM |   |
| 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   |
| 2604 | Cellular Network Infrastructure | Feature | In Progress | High     | GSUP-to-DIAMETER converter / IWF   | laforge  | 08/29/2019 03:10 PM |   |
| 3979 | OsmoCBC                         | Bug     | In Progress | High     | TTCN3 SABP support   | laforge  | 09/23/2019 04:45 AM | Related to #3979,Related to #3979   |
| 2282 | OsmoPCU                         | Feature | In Progress | High     | uplink multi-slot allocations  | lynxis   | 07/11/2019 05:11 PM | Related to #1775  |
| 3727 | OsmoSGSN                        | Bug     | In Progress | High     | SGSN segfaults on network type change  | lynxis   | 09/15/2019 11:18 PM | Related to #3995,Related to #3727   |
| 3794 | Cellular Network Infrastructure | Bug     | In Progress | High     | 'make install' overwrites \$prefix/etc/osmocom/*.cfg                               | osmith   | 07/30/2019 08:50 AM |   |
| 3341 | OsmoTRX                         | Bug     | In Progress | High     | osmo-trx-lms RF Envelope FAIL on LimeSDR, but not on LimeSDR-mini                  | roh      | 06/27/2019 06:23 PM | Related to #3341,Related to #3861,Blocks #3341  |
| 1462 | OsmocomBB                       | Bug     | New         | High     | ../src/utlis.c:182:7: error: only weak aliases are supported in this configuration |          | 02/21/2016 04:48 PM |   |

| #    | Project             | Tracker | Status | Priority | Subject  | Assignee               | Updated             | Related issues   |
|------|---------------------|---------|--------|----------|--|------------------------|---------------------|------------------|
| 1505 | UmTRX               | Bug     | New    | High     | OHM4 footprint incorrect   |                        | 02/19/2016 10:52 PM |                  |
| 1477 | Mobile (in)Security | Bug     | New    | High     | RACH flood DoS   |                        | 02/21/2016 04:34 PM |                  |
| 1478 | Mobile (in)Security | Bug     | New    | High     | IMSI DETACH DoS  |                        | 09/02/2019 09:00 AM |                  |
| 1480 | Mobile (in)Security | Bug     | New    | High     | A5/3 is not deployed in GSM networks   |                        | 02/21/2016 04:34 PM |                  |
| 1481 | Mobile (in)Security | Bug     | New    | High     | Random LAPDm MAC-block padding is not deployed yet   |                        | 02/21/2016 04:34 PM |                  |
| 1483 | Mobile (in)Security | Bug     | New    | High     | USSD state is not reset when switching cells   |                        | 02/21/2016 04:34 PM |                  |
| 1542 | OsmoPCU             | Bug     | New    | High     | Post gsmtap/EGPRS patch to the wireshark project   |                        | 07/18/2019 03:59 PM |                  |
| 1722 | pySim               | Feature | New    | High     | Improve pySim usability  |                        | 08/17/2016 03:57 PM |                  |
| 2155 | OP25                | Feature | New    | High     | Replace FSK4 demodulation with IQ demodulator stage.   |                        | 04/22/2017 04:16 PM |                  |
| 2156 | OP25                | Feature | New    | High     | Implement forward error correction for HDU.  |                        | 04/22/2017 04:16 PM |                  |
| 2157 | OP25                | Feature | New    | High     | Fix "traffic" tab so it displays data for non-HDU data units   |                        | 04/22/2017 04:16 PM |                  |
| 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 |                  |
| 1982 | libosmocore         | Bug     | New    | High     | LAPD: segfault in lapd_est_req function  |                        | 07/18/2019 05:49 AM | Related to #1982 |
| 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 |                  |
| 2824 | gr-osmosdr          | Bug     | New    | High     | Corrupted double-linked for Raspbian Stretch when running osmocomb_fft (and any other program using osmosdr.source |                        | 06/03/2018 12:08 PM |                  |
| 3476 | OsmoBSC             | Support | New    | High     | osmo-bsc manual needs to explain the AoIP config 'cs7 instance'  |                        | 08/20/2018 09:06 AM |                  |
| 3734 | gr-osmosdr          | Bug     | New    | High     | Cannot compile gr-osmocom  |                        | 12/16/2018 12:22 AM |                  |
| 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 |                  |
| 2767 | OsmoBSC             | Bug     | New    | High     | OsmoBSC user manual doesn't specify how to configure M3UA link (asp/as)  | daniel                 | 03/16/2018 07:52 PM |                  |
| 2698 | OsmoMSC             | Bug     | New    | High     | Add more tests to jenkins job testing osmo-msc against NG40tester  | daniel                 | 08/02/2018 09:38 AM | Related to #2477 |

| #    | Project                         | Tracker | Status | Priority | Subject   | Assignee  | Updated             | Related issues   |
|------|---------------------------------|---------|--------|----------|---|-----------|---------------------|--|
| 2722 | OsmoBSC                         | Feature | New    | High     | document RACH tuning parameters more thoroughly, give explanations          | daniel    | 08/02/2018 09:46 AM | Related to #2591,Related to #1611,Related to #2592,Related to #2722                  |
| 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 |  |
| 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 |
| 1507 | UmTRX                           | Feature | New    | High     | Implement UmSEL tuner control   | ipse      | 02/21/2016 04:47 PM |  |
| 1508 | UmTRX                           | Feature | New    | High     | Implement UmSEL diversity switch control                                    | ipse      | 02/21/2016 04:47 PM |  |
| 1510 | UmTRX                           | Feature | New    | High     | Complete UHD integration  | ipse      | 02/21/2016 04:47 PM |  |
| 1943 | Linux Kernel GTP-U              | Feature | New    | High     | test setup for Linux kernel GTP-U tunneling module                          | laforge   | 05/30/2018 02:56 PM |  |
| 2547 | OsmoMGW                         | Feature | New    | High     | Add E1/T1 endpoint type to osmo-mgw   | laforge   | 09/04/2019 09:06 AM | Related to #2547,Related to #3965,Related to #2659                                   |
| 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                                   |
| 2659 | OsmoMGW                         | Feature | New    | High     | prepare osmo-mgw architecture for other endpoint types                      | laforge   | 09/04/2019 09:06 AM | Related to #3260,Related to #2659  |
| 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   |
| 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  |
| 3977 | OsmoCBC                         | Feature | New    | High     | SABP stream delineation routines  | laforge   | 09/23/2019 04:49 AM | Related to #3979   |
| 1560 | OsmoPCU                         | Feature | New    | High     | EDGE benchmarking / performance optimization / tuning                       | lynxis    | 07/18/2019 05:13 AM |  |
| 1546 | OsmoPCU                         | Feature | New    | High     | closed loop uplink power control  | lynxis    | 04/18/2019 02:38 PM |  |
| 1742 | OsmoPCU                         | Bug     | New    | High     | Regression in egprs patch series  | lynxis    | 04/15/2019 07:47 AM | Related to #1756,Related to #2820,Related to #2890                                   |

| #    | Project                      | Tracker | Status  | Priority | Subject   | Assignee  | Updated             | Related issues   |
|------|------------------------------|---------|---------|----------|---|-----------|---------------------|--|
| 1833 | OsmoPCU                      | Bug     | New     | High     | UPLINK MCS gets reduced from MCS9->MCS6 when good radio condition exists                      | lynxis    | 04/15/2019 07:46 AM |  |
| 1925 | OsmoPCU                      | Bug     | New     | High     | Fix padding for MCS8 transition   | lynxis    | 04/15/2019 07:45 AM |  |
| 1939 | OsmoPCU                      | Bug     | New     | High     | implement packet idle/transfer mode including T3192   | lynxis    | 04/15/2019 07:45 AM |  |
| 1940 | OsmoPCU                      | Bug     | New     | High     | implement T3141 - Timeout after Send Immediate assign for TBF                                 | lynxis    | 04/15/2019 07:45 AM |  |
| 2955 | OsmoSGSN                     | Bug     | New     | High     | No GMM ATTACH REJECT on GSUP UpdateLocation Error   | lynxis    | 09/10/2019 07:39 PM |  |
| 3926 | OsmoPCU                      | Bug     | New     | High     | Missing PCU_Tests.ttcn DL TBF tests   | lynxis    | 04/15/2019 07:55 AM |  |
| 3927 | OsmoPCU                      | Bug     | New     | High     | Missing PCU_Tests.ttcn Paging tests   | lynxis    | 04/15/2019 07:56 AM |  |
| 3928 | OsmoPCU                      | Bug     | New     | High     | Missing PCU_Tests.ttcn for various timers / time-outs   | lynxis    | 04/15/2019 07:57 AM |  |
| 3925 | OsmoPCU                      | Bug     | New     | High     | Missing PCU_Tests.ttcn UL TBF tests   | osmith    | 09/05/2019 05:08 PM | Related to #3925,Related to #4180  |
| 4095 | libosmocore                  | Bug     | New     | High     | osmo_get_rand_id() can fail under debian jessie   | osmith    | 07/18/2019 05:50 AM |  |
| 3751 | OsmoBTS                      | 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 |  |
| 3459 | gr-gsm                       | Bug     | New     | High     | apps/grgsm_trx: AssertionError: packe t_info.packet_count == (seq_to_ack & 0xffff)            | ptrkrysik | 08/10/2018 07:58 AM |  |
| 4021 | osmo-remsim                  | Support | New     | High     | long-term end-to-end osmo-remsim test setup   | roh       | 09/18/2019 06:42 PM |  |
| 1474 | SDR (Software Defined Radio) | Bug     | New     | High     | USB Claim Interface Error   | steve-m   | 02/20/2016 08:23 PM |  |
| 2175 | OP25                         | Feature | New     | High     | Update code for GNURadio 3.6 and later  | stevie    | 04/22/2017 04:14 PM |  |
| 1458 | OsmocomBB                    | Bug     | New     | High     | AGC broken (strong cell cannot be synced)   | tnt       | 07/18/2019 06:10 AM | Related to #3582   |
| 3032 | OsmoBTS                      | 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  |
| 1587 | OsmoSGSN                     | Feature | Stalled | Normal   | SMS over GPRS support   |           | 11/25/2018 08:14 PM | Related to #3587   |
| 1794 | OsmoSGSN                     | Bug     | Stalled | Normal   | support random IV for GEA (via XID)   |           | 03/01/2018 11:17 PM | Related to #1910,Related to #1672,Related to #2843,Blocks #1794,Blocks #1582 |
| 1910 | libosmocore                  | Feature | Stalled | Normal   | add v4 encryption support   |           | 01/22/2018 10:35 AM | Related to #1910   |
| 2851 | OsmoMSC                      | Bug     | Stalled | Normal   | a_iface.c:534 Unhandled SIGTRAN primitive: 3:2  |           | 07/18/2019 05:45 AM |  |
| 4023 | OsmoBTS                      | Bug     | Stalled | Normal   | Missing coverage of PCU interface in osmo-bts   |           | 09/04/2019 09:05 AM | Related to #4023   |
| 4144 | OsmoMSC                      | Feature | Stalled | Normal   | provide config to enable/disable UTRAN encryption   |           | 08/13/2019 02:57 PM | Blocks #4144   |
| 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  |

| #    | Project                         | Tracker | Status  | Priority | Subject  | Assignee        | Updated             | Related issues  |
|------|---------------------------------|---------|---------|----------|--|-----------------|---------------------|---|
| 1838 | OsmoPCU                         | Bug     | Stalled | Normal   | Nokia E52 doest reply to PUAN message properly   |                 | 10/29/2017 06:47 PM |   |
| 2487 | OsmoMSC                         | Feature | Stalled | Normal   | MSC side of LCLS (local call local switching) as per the 3GPP specs  |                 | 09/04/2019 09:05 AM | Related to #1602,Related to #3659,Related to #3691,Related to #3618,Related to #3294                  |
| 2555 | OsmocomBB                       | Feature | Stalled | Normal   | script interface to OsmocomBB "mobile"   |                 | 09/04/2019 02:54 PM | Related to #2555,Related to #2555,Blocks #2893  |
| 2558 | Cellular Network Infrastructure | Feature | Stalled | Normal   | Scripts to manage thousands of "mobile" and hundreds of osmo-bts-virtual instances                             |                 | 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  |
| 2812 | Retro-BBS / BBS-Revival         | Feature | Stalled | Normal   | Build mixed ISDN / analog telephone network  |                 | 09/05/2019 08:24 PM |   |
| 3445 | OsmoMSC                         | Feature | Stalled | Normal   | SS/USSD: clean up the local GSM 04.80 API  |                 | 12/14/2018 01:57 PM |   |
| 3812 | libosmo-netif                   | Bug     | Stalled | Normal   | stream_test fails depending on where it is run   |                 | 03/13/2019 04:15 PM |   |
| 3827 | OsmoPCU                         | Bug     | Stalled | Normal   | BSSGP counter group errors in TBF test   |                 | 03/12/2019 03:24 PM | Related to #3827,Related to #3834   |
| 1831 | OsmoPCU                         | Bug     | Stalled | Normal   | No handling for padding octets(LI 127) for EGPRS. row 3rd of Table 10.4.14a.1 TS 44.060 version 7.27.0 Release | sysmocom        | 04/15/2019 07:46 AM |   |
| 2197 | OsmoGSMTester                   | Feature | Stalled | Normal   | osmo-gsm-tester: use MNCC interface  | osmo-gsm-tester | 11/30/2017 10:41 AM | Related to #2194,Is duplicate of #2197  |
| 2497 | OsmoGSMTester                   | Support | Stalled | Normal   | Set up SIM cards with auth algo other than XOR   | daniel          | 01/03/2019 02:39 PM | Related to #2475  |
| 2975 | OsmoBTS                         | 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 |
| 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                  |

| #    | Project                         | Tracker | Status  | Priority | Subject  | Assignee  | Updated             | Related issues   |
|------|---------------------------------|---------|---------|----------|--|-----------|---------------------|--|
| 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 |  |
| 2514 | GSM Audio Pocket Knife          | Bug     | Stalled | Normal   | GSM HR encoding result does not match the reference                                    | fixeria   | 04/03/2019 08:37 AM |  |
| 3400 | OsmocomBB                       | Feature | Stalled | Normal   | mobile: implement GAPK based audio capture / playback (via ALSA)                       | fixeria   | 10/04/2018 09:11 PM | Blocks #3400   |
| 3582 | OsmocomBB                       | Feature | Stalled | Normal   | Merge reading of factory RF calibration values   | fixeria   | 03/17/2019 09:10 AM | Related to #3582,Related to #3582,Related to #3582,Related to #3801  |
| 4123 | Cellular Network Infrastructure | Bug     | Stalled | Normal   | gcc & LTO related issues   | Hoernchen | 07/22/2019 04:46 PM | Related to #4123,Related to #4123,Related to #4123,Related to #4123,Related to #4123                                   |
| 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 |  |
| 3569 | OsmoBTS                         | Bug     | Stalled | Normal   | Some phones don't receive SMSCB  | laforge   | 01/14/2019 03:32 PM |  |
| 1936 | OsmoMGW                         | Feature | Stalled | Normal   | Implementation of luUP SMpSDU mode   | laforge   | 10/17/2018 10:14 AM | Precedes #1937   |
| 3052 | OsmoBTS                         | Bug     | Stalled | Normal   | osmo-bts-sysmo fails to detect RACH bursts from osmocom-bb                             | laforge   | 03/14/2018 05:42 AM |  |
| 3208 | OsmoGGSN (former OpenGGSN)      | Bug     | Stalled | Normal   | automatic test setup for OsmoGGSN with kernel-gtp-u                                    | laforge   | 10/17/2018 10:14 AM | Related to #3208   |
| 3373 | OsmoSGSN                        | Feature | Stalled | Normal   | Support for SNS auto-configuration (SIZE / SNS-CONFIG procedure)                       | laforge   | 08/14/2018 07:59 PM | Related to #3373,Related to #3388,Related to #3617   |
| 3789 | OsmoBTS                         | Bug     | Stalled | Normal   | BTS permits OPSTART of MO without attributes   | laforge   | 02/23/2019 02:33 PM | Related to #3789,Related to #3789  |



| #    | Project                         | Tracker | Status  | Priority | Subject  | Assignee | Updated             | Related issues   |
|------|---------------------------------|---------|---------|----------|--|----------|---------------------|--|
| 1524 | OsmoPCU                         | Bug     | Stalled | Normal   | PACCH on the wrong timeslot  | lynxis   | 09/04/2019 09:15 AM | Related to #1524,Related to #1524,Related to #1524,Related to #2709,Related to #1524,Related to #1524,Related to #3014 |
| 1526 | OsmoPCU                         | Feature | Stalled | Normal   | Acquire/update timing advance (TA)   | lynxis   | 04/15/2019 07:50 AM | Related to #1545,Related to #1531,Related to #1524,Related to #3472,Related to #2977                                   |
| 1545 | OsmoPCU                         | Feature | Stalled | Normal   | continuous timing advance loop using PTCCH                                   | lynxis   | 07/17/2019 07:16 PM | Related to #1545,Related to #4102,Blocks #1545   |
| 1655 | OsmoSGSN                        | Feature | Stalled | Normal   | KPIs for OsmoSGSN  | lynxis   | 10/29/2017 06:25 PM | Related to #1652,Related to #1655,Related to #1655   |
| 1775 | OsmoPCU                         | Bug     | Stalled | Normal   | LC15: No PDCH allocation across two TRX                                      | lynxis   | 04/15/2019 07:49 AM | Related to #1775,Related to #1648,Related to #1775,Related to #1775  |
| 2958 | OsmoSGSN                        | Bug     | Stalled | Normal   | OsmoSGSN doesn't authenticate on second/further ATTACH REQUEST               | lynxis   | 07/18/2019 05:11 AM | Related to #2958   |
| 1912 | SIMtrace 2                      | Feature | Stalled | Normal   | do proper re-layout of the board   | mschramm | 09/14/2018 06:54 PM |  |
| 3620 | OsmoMSC                         | Feature | Stalled | Normal   | Implement TTCN-3 testsuite for Inter-MSC HO                                  | neels    | 09/04/2019 09:08 AM |  |
| 3735 | OsmoMSC                         | Bug     | Stalled | Normal   | call arriving during another call has no voice                               | neels    | 06/18/2019 09:18 PM |  |
| 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 |  |
| 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   |

| #    | Project                         | Tracker | Status   | Priority | Subject   | Assignee         | Updated             | Related issues   |
|------|---------------------------------|---------|----------|----------|---|------------------|---------------------|--|
| 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                       |
| 2537 | Cellular Network Infrastructure | Feature | Stalled  | Normal   | package wireshark with osmocom patches  | pespin           | 08/17/2018 09:15 AM |  |
| 3560 | OsmoGSMTester                   | Bug     | Stalled  | Normal   | nanoBTS multiTRX tests in osmo-gsm-tester Prod setup failing  | pespin           | 09/04/2019 09:16 AM | Related to #3560,Related to #3560,Related to #3628,Is duplicate of #3475 |
| 3612 | OsmoBTS                         | 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   |
| 4151 | OsmoGSMTester                   | Bug     | Stalled  | Normal   | osmo-gsm-tester: osmo-trx-lms process sometimes kept forever in zombie-alike state after killing it | pespin           | 09/17/2019 11:22 AM | Related to #4151   |
| 3423 | gr-gsm                          | Feature | Stalled  | Normal   | Receiver: hard-coded GSM 05.02 channel configuration  | ptrkrysik        | 02/06/2019 10:00 AM |  |
| 3054 | OsmoTRX                         | Feature | Stalled  | Normal   | Extended (11-bit) RACH support in OsmoTRX   | tnt              | 02/03/2019 11:45 AM | Related to #1854,Related to #3054,Related to #3054,Related to #4006      |
| 2015 | Osmocom.org Servers             | Bug     | Stalled  | Normal   | redmine/gerrit authentication expires too often/frequently  | zecke            | 03/27/2018 01:44 PM |  |
| 2691 | OsmoNITB                        | Bug     | Feedback | Normal   | Old TMSI paged after LU   |                  | 05/17/2018 11:47 AM |  |
| 4121 | OsmoTRX                         | Support | Feedback | Normal   | Failure while setting Internal Clock on LimeSDR USB   | benoit@girard.tf | 09/17/2019 01:39 PM |  |
| 3833 | OsmoBSC                         | Bug     | Feedback | Normal   | Fix storage location of AMR S15-S0 bits   | dexter           | 07/29/2019 02:02 PM |  |
| 2905 | libosmocore                     | Feature | Feedback | Normal   | implement proper/generic mandatory IE validation  | fixeria          | 09/26/2018 11:03 PM |  |
| 3664 | OsmoTRX                         | Feature | Feedback | Normal   | Optimize EDGE burst detection   | fixeria          | 08/26/2019 02:36 PM | Related to #4175   |
| 4175 | OsmoBTS                         | Bug     | Feedback | Normal   | osmo-bts-trx: Make sure SETSLOT is sent to TRX on dynamic channels when they are switched           | fixeria          | 09/12/2019 04:33 PM | Related to #4175   |
| 4154 | OsmoGGSN (former OpenGGSN)      | Bug     | Feedback | Normal   | Duplicated PDP context entries  | keith            | 09/02/2019 10:58 AM | Related to #4161,Related to #4165  |
| 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 |  |
| 3838 | OsmoSTP                         | Bug     | Feedback | Normal   | connecting two BSCs to OsmoSTP will both end up with the same routing key                           | laforge          | 03/21/2019 02:17 AM |  |
| 4176 | Core testing infrastructure     | Bug     | Feedback | Normal   | ttn3-sgsn: Sporadic failures since lu support introduced  | laforge          | 08/27/2019 05:32 PM |  |
| 4184 | libosmo-netif                   | Bug     | Feedback | Normal   | libosmo-netif failure on Debian 10 / OBS  | laforge          | 09/05/2019 09:20 AM |  |

| #    | Project                    | Tracker | Status      | Priority | Subject   | Assignee  | Updated             | Related issues                                 |
|------|----------------------------|---------|-------------|----------|---|-----------|---------------------|--|
| 2237 | OsmoGSMTester              | Bug     | Feedback    | Normal   | ofono: Gobi modem: successful SMS delivery is evaluated as not successful               | lynxis    | 06/07/2018 02:08 PM | Related to #2237,Related to #2237,Blocks #2237 |
| 4197 | osmo-sip-connector         | Bug     | Feedback    | Normal   | "running broken" if configured IP is not assigned at startup                            | lynxis    | 09/15/2019 11:16 PM |  |
| 2872 | OsmoMSC                    | Bug     | Feedback    | Normal   | OsmoMSC doesn't check if CIPHER MODE COMPLETE contains cipher that matches REQUEST      | neels     | 07/29/2019 01:15 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              |
| 2951 | OsmoSGSN                   | Bug     | Feedback    | Normal   | OsmoSGSN Accepts two MO L3 Messages with N(U) set to zero                               | osmith    | 09/11/2019 12:24 PM |  |
| 4167 | OsmoMSC                    | Bug     | Feedback    | Normal   | Event VLR_ULA_E_ID_IMEISV not permitted   | osmith    | 09/04/2019 08:13 PM |  |
| 4079 | OsmoMGW                    | Support | Feedback    | Normal   | Create Endpoint   | Osmocorn  | 07/01/2019 02:27 PM |  |
| 3708 | OsmoBSC                    | Bug     | Feedback    | Normal   | osmo-bsc: Wrong handling of PDCH DEACT NACK   | pespin    | 12/05/2018 04:19 PM | Related to #3708,Related to #3708              |
| 3722 | libosmocore                | Bug     | Feedback    | Normal   | osmo_clock_gettime broke build on MacOS   | pespin    | 09/20/2019 10:38 AM |  |
| 3957 | OsmoSGSN                   | Bug     | Feedback    | Normal   | ABORT from gprs_sndcp_comp_free()   | pespin    | 08/12/2019 05:16 PM | Related to #3964                               |
| 4136 | OsmoTRX                    | Bug     | Feedback    | Normal   | osmo-trx-lms: makes kernel eat all system memory when run under realtime priority       | pespin    | 08/26/2019 08:57 AM |  |
| 1941 | OsmoSGSN                   | Bug     | Feedback    | Normal   | Gb: implement MM state ready, idle, standby including T3314                             | pespin    | 09/16/2019 08:46 AM |  |
| 3178 | OsmoSGSN                   | Bug     | Feedback    | Normal   | gbproxy: failed to parse invalid BSSGP-UNITDATA message                                 | pespin    | 09/27/2018 08:53 AM |  |
| 3950 | OsmoMGW                    | Bug     | Feedback    | Normal   | Avoid NULL talloc context use in mgcp_conn_alloc  | pespin    | 09/19/2019 05:57 PM |  |
| 4088 | libosmocore                | Bug     | Feedback    | Normal   | logging: Add API to enable mutex protecting around llogging target list                 | pespin    | 09/17/2019 06:30 PM | Related to #4089                               |
| 4089 | libosmocore                | 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                               |
| 4138 | libosmocore                | Bug     | Feedback    | Normal   | logging_vty_add_cmds parameter remove mess  | pespin    | 08/05/2019 02:42 PM |  |
| 4178 | OsmoGGSN (former OpenGGSN) | Bug     | Feedback    | Normal   | libgtp: Fix use os gtp_retranstimeout() APIs in osmo-ggsn and osmo-sgsn                 | pespin    | 09/19/2019 02:22 PM | Related to #4178                               |
| 4182 | OsmoTRX                    | Bug     | Feedback    | Normal   | osmo-trx build failures on obs  | pespin    | 09/12/2019 09:38 PM |  |
| 4190 | libosmocore                | Feature | Feedback    | Normal   | osmo_tdef: Add fields min_val,max_val and enforce those                                 | pespin    | 09/17/2019 11:16 AM |  |
| 2704 | OsmocomBB                  | Support | Feedback    | Normal   | set up FCDEV1B board so it can be remotely accessed remotely                            | roh       | 10/09/2018 05:45 PM | Related to #3581,Related to #3582              |
| 4119 | osmo-remsim                | Bug     | Feedback    | Normal   | osmo-remsim-client-st2 leaking memory   | roh       | 09/18/2019 06:24 PM | Related to #4119                               |
| 1990 | OsmocomBB                  | Bug     | Feedback    | Normal   | bb nand flash   | yangkkokk | 07/10/2017 10:22 PM |  |
| 2811 | Retro-BBS / BBS-Revival    | Bug     | In Progress | Normal   | collect ISDN cards / adapters   |           | 05/13/2019 06:37 PM |  |

| #    | Project                         | Tracker | Status      | Priority | Subject  | Assignee  | Updated             | Related issues  |
|------|---------------------------------|---------|-------------|----------|--|-----------|---------------------|---|
| 3736 | Osmocom.org Servers             | Bug     | In Progress | Normal   | sporadic segmentation faults on jenkins build slave                                      |           | 12/16/2018 04:08 PM |   |
| 3743 | OsmoMSC                         | Bug     | In Progress | Normal   | subscriber re-assoc crashes osmo-msc   |           | 12/29/2018 01:14 AM | Is duplicate of #3742   |
| 1601 | OsmoBSC                         | Feature | In Progress | Normal   | VTY parameters become active when?   |           | 12/10/2017 08:04 PM | Related to #1601  |
| 1954 | OsmocomBB                       | Bug     | In Progress | Normal   | Motorola C188 with Osmocombb firmwre(RAM version) can't scan out any base stations       |           | 07/10/2017 10:24 PM |   |
| 3511 | OsmoMGW                         | Bug     | In Progress | Normal   | osmo-mgw does not forward RTP packets anymore  |           | 08/29/2018 04:33 PM |   |
| 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 |   |
| 3742 | OsmoMSC                         | Bug     | In Progress | Normal   | libmsc/gsm_04_08.c: OSMO_ASSERT(!conn->vsub) failed in msc_vlr_subscr_assoc()            |           | 03/30/2019 05:50 PM | Is duplicate of #3742   |
| 3806 | OsmoBSC                         | Bug     | In Progress | Normal   | OsmoBSC accepts BSSAP with wrong length field  |           | 09/04/2019 09:26 AM | Related to #3806  |
| 3920 | OsmoSGSN                        | Support | In Progress | Normal   | PCAPs files of 3G PS for Osmocom network and Commercial one                              |           | 04/18/2019 02:03 PM | Related to #3920,Related to #3936,Related to #3923,Related to #3937,Related to #3922  |
| 3937 | OsmoSGSN                        | Bug     | In Progress | Normal   | lu: verify handling of GMM Service Request (data)when no PDP Context present.            |           | 05/21/2019 10:28 AM | Related to #3937  |
| 4169 | OsmoMSC                         | Bug     | In Progress | Normal   | transition to state MSC_A_ST_RELEASING not permitted!                                    |           | 09/03/2019 12:23 AM |   |
| 2676 | libosmocore                     | Support | In Progress | Normal   | Document stat_item   | daniel    | 03/19/2018 04:52 PM | Related to #2676  |
| 4200 | OsmoMSC                         | Feature | In Progress | Normal   | Work around nano3G-S16 requiring RAB ID to be below 16                                   | efistokl  | 09/14/2019 09:48 AM |   |
| 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 |
| 3426 | OsmoSGSN                        | Bug     | In Progress | Normal   | gprs_llc_process_xid_ind() does not echo L3_PAR, breaks PDP activation for Motorola KRZR | keith     | 05/01/2019 02:21 PM |   |
| 3518 | osmo-sip-connector              | Bug     | In Progress | Normal   | Rapid SETUP followed DISC results in lingering B-leg                                     | keith     | 04/24/2019 08:39 AM |   |
| 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 |   |
| 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  |

| #    | Project                                  | Tracker | Status      | Priority | Subject   | Assignee | Updated             | Related issues  |
|------|--|---------|-------------|----------|---|----------|---------------------|---|
| 3954 | OsmoSGSN                                 | Bug     | In Progress | Normal   | OsmoSGSN XID code uses hard-coded N201-I / N201-U instead of per-SAPI defaults as per spec  | laforge  | 04/24/2019 08:18 AM |   |
| 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                                   |
| 2238 | OsmoGSMTester                            | Bug     | In Progress | Normal   | ofono: Gobi modem: cannot receive SMS   | lynxis   | 01/04/2018 11:07 AM | Related to #2238  |
| 3995 | OsmoSGSN                                 | Bug     | In Progress | Normal   | OsmoSGSN doesn't close SCCP connection after successful LU over luPS  | lynxis   | 09/15/2019 09:56 PM | Related to #3995,Related to #3995,Related to #3995                  |
| 1881 | OsmoSGSN                                 | Bug     | In Progress | Normal   | don't send PDP CTX DEACT ACK to MS when destroying PDP ctx indepent from MS requests  | lynxis   | 04/15/2019 07:32 AM |   |
| 1977 | OsmoSGSN                                 | Bug     | In Progress | Normal   | 3G luPS is unreliable   | lynxis   | 09/17/2019 01:00 AM | Related to #1818,Related to #3920,Related to #3727,Related to #3995 |
| 2683 | OsmoGSMTester                            | Bug     | In Progress | Normal   | ofono: EC20 failing to create ipv6 or dual contexts   | lynxis   | 12/15/2017 11:41 AM | Related to #2713,Blocks #2683                                       |
| 3376 | pySim                                    | Bug     | In Progress | Normal   | create test scripts to verify pysim-prog ans sysmo-usim-tool with jenkins   | lynxis   | 08/27/2018 08:43 AM | Related to #3377  |
| 3848 | Miscellaneous Projects                   | Feature | In Progress | Normal   | Osmocom stickers wih black background / non-rectangular outline   | maike    | 09/04/2019 09:28 AM | Blocks #3848  |
| 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 |   |
| 1706 | SIMtrace 2                               | Feature | In Progress | Normal   | Hardware / Circuit board update for SAM3S based SIMtrace2   | mschramm | 09/24/2018 10:27 PM | Related to #1706  |
| 4211 | m.2 (NGFF) WWAN modem USB breakout board | Bug     | In Progress | Normal   | find solution for inverted polarity of SIMx_DET (SIM present) switches and their altered pin designation on some modems for 2nd SIM   | mschramm | 09/18/2019 07:24 PM |   |
| 2796 | OsmoHLR                                  | Bug     | In Progress | Normal   | OsmoHLR doesn't update VLR during UpdateLocation  | neels    | 10/08/2018 10:15 PM | Related to #3154,Related to #3355,Related to #3356,Related to #3601 |
| 2964 | OsmoBSC                                  | Bug     | In Progress | Normal   | handover_decision_2: measurement report number compared to lchan->meas_rep_last_seen_nr often overflows to zero (255 range) and hence an old report may be seen as new every once per 255 cycle | neels    | 10/10/2018 12:27 PM | Related to #1606  |
| 4078 | OsmoBSC                                  | 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 |   |
| 4168 | OsmoMSC                                  | Bug     | In Progress | Normal   | RAN decode: BSSMAP: BSSMAP data truncated, discarding message   | neels    | 09/02/2019 11:42 PM |   |
| 4191 | OsmoMSC                                  | Bug     | In Progress | Normal   | vlr.c:762 Trying to dispatch event 1 to non-existent FSM instance!  | neels    | 09/23/2019 12:27 PM |   |

| #    | Project                         | Tracker | Status      | Priority | Subject  | Assignee   | Updated             | Related issues                                     |
|------|---------------------------------|---------|-------------|----------|--|------------|---------------------|--|
| 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 |  |
| 2501 | OsmoSGSN                        | Bug     | In Progress | Normal   | suspected problem with unanswered neighbor solicitation                                | osmith     | 09/11/2019 12:58 PM |  |
| 2542 | OsmoHLR                         | Feature | In Progress | Normal   | have subscriber create-on-demand   | osmith     | 07/15/2019 07:24 AM | Related to #2541                                   |
| 3356 | OsmoSGSN                        | Bug     | In Progress | Normal   | OsmoSGSN doesn't provide unique IDTAG_SERNR in IPA CCM                                 | osmith     | 04/09/2019 11:22 AM | Related to #3356,Related to #3356,Related to #3644 |
| 3598 | Cellular Network Infrastructure | Bug     | In Progress | Normal   | jenkins "master" jobs use different compile flags than "gerrit" build verification     | osmith     | 09/18/2019 12:30 PM |  |
| 3726 | Cellular Network Infrastructure | Bug     | In Progress | Normal   | Jenkins: build all Osmocom projects in docker, not only some                           | osmith     | 09/23/2019 12:25 PM | Related to #3726,Related to #3726                  |
| 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                                   |
| 3346 | OsmoTRX                         | Bug     | In Progress | Normal   | osmo-trx-lms: Multi channel support: "R_CTL_LPF range limit reached"                   | pespin     | 08/14/2019 10:38 AM | Related to #3346,Related to #4151                  |
| 3342 | OsmoTRX                         | Bug     | In Progress | Normal   | osmo-trx-lms: low tx output power level  | roh        | 06/28/2019 02:30 AM | Related to #3342,Blocks #3342                      |
| 3775 | OsmoTRX                         | Bug     | In Progress | Normal   | properly debug limesdr usb and limesdr mini clocking requirements and osmo-trx support | roh        | 06/27/2019 05:37 PM | Blocks #3341,Blocks #3342,Blocks #3775             |
| 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 |
| 1704 | SIMtrace 2                      | Bug     | In Progress | Normal   | test/port card emulation firmware for SAM3S based SIMtrace2                            | tsaitgaist | 10/25/2018 09:14 AM | Related to #1705                                   |
| 34   | OsmoBSC                         | Bug     | New         | Normal   | ipaccess init code needs proper state machines   |            | 12/10/2017 08:16 PM | Related to #34                                     |
| 48   | OsmoNITB                        | Bug     | New         | Normal   | Periodic timer and paging  |            | 03/05/2018 07:34 PM |  |
| 54   | OsmoNITB                        | Bug     | New         | Normal   | osmo-nitb keeps rtp-proxy socket open in case no DLCX_IND is sent                      |            | 03/05/2018 07:34 PM |  |
| 37   | OsmoNITB                        | Bug     | New         | Normal   | RTP Proxy dealing with SSRC change and sequence numbers                                |            | 03/05/2018 07:34 PM |  |
| 38   | OsmoNITB                        | Bug     | New         | Normal   | subscr_update should sync database before dispatching the signal                       |            | 03/05/2018 07:34 PM |  |
| 41   | OsmoMSC                         | Bug     | New         | Normal   | Numbering Plan in OsmoMSC  |            | 06/23/2018 07:37 PM |  |
| 1479 | Mobile (in)Security             | Bug     | New         | Normal   | MTK stack unable to send MO-SMS on TCH/F   |            | 04/03/2019 09:01 AM |  |
| 1482 | Mobile (in)Security             | Bug     | New         | Normal   | Sending the TMSI of the old/previous network   |            | 02/21/2016 04:35 PM |  |
| 1511 | UmTRX                           | Feature | New         | Normal   | Solve Tx and Rx I/Q imbalance for wideband signals                                     |            | 02/19/2016 10:52 PM |  |

| #    | Project                               | Tracker | Status | Priority | Subject   | Assignee | Updated             | Related issues  |
|------|---------------------------------------|---------|--------|----------|---|----------|---------------------|---|
| 1549 | OsmoPCU                               | Feature | New    | Normal   | DRX support for GPRS  |          | 02/04/2017 08:11 AM |   |
| 1554 | OsmoPCU                               | Feature | New    | Normal   | per-MS BSSGP flow control   |          | 02/23/2016 03:12 PM | Related to #1554  |
| 1556 | OsmoPCU                               | Feature | New    | Normal   | Inter-RAT hand-over   |          | 02/23/2016 03:13 PM |   |
| 1547 | OsmoPCU                               | Feature | New    | Normal   | downlink power control on PDTCH   |          | 02/23/2016 03:04 PM |   |
| 1550 | OsmoPCU                               | Bug     | New    | Normal   | Cell reselection under network control  |          | 02/23/2016 03:06 PM |   |
| 1577 | OsmoBTS                               | Bug     | New    | Normal   | mph_send_config_logchpar doesn't update encryption config                     |          | 02/23/2016 03:39 PM |   |
| 1583 | OsmoSGSN                              | Feature | New    | Normal   | Gs interface (BSSMAP+) between SGSN and MSC/VLR                               |          | 04/14/2019 05:12 AM | Related to #1583,Related to #1583                                   |
| 1586 | OsmoSGSN                              | Feature | New    | Normal   | Implement QoS profile support   |          | 02/23/2016 03:45 PM |   |
| 1588 | OsmoSGSN                              | Feature | New    | Normal   | Inter-RAT hand-over   |          | 02/23/2016 03:46 PM |   |
| 1599 | OsmoMSC                               | Feature | New    | Normal   | Gs interface (BSSMAP+) between SGSN and MSC/VLR                               |          | 10/29/2017 09:07 PM | Related to #1583,Related to #1747,Related to #1599                  |
| 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 |
| 1667 | OsmoNITB                              | Feature | New    | Normal   | Handle callref better   |          | 09/04/2019 09:31 AM | Related to #3294  |
| 1678 | SDR (Software Defined Radio)          | Bug     | New    | Normal   | Use -undefined dynamic_lookup when using Python and building on Mac OS X      |          | 03/30/2016 11:25 PM |   |
| 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                  |
| 1813 | Qualcomm Linux Modems by Quectel & Co | Bug     | New    | Normal   | cat /dev/snd/* causes kernel oops   |          | 09/30/2016 04:00 PM |   |
| 1815 | Qualcomm Linux Modems by Quectel & Co | Feature | New    | Normal   | tool for building binary ipk from .list/.control                              |          | 10/02/2016 05:06 AM |   |
| 1829 | OsmoNITB                              | Bug     | New    | Normal   | Fix warnings introduced by ctrl constify                                      |          | 03/05/2018 07:34 PM |   |
| 1852 | OsmoBTS                               | Feature | New    | Normal   | DTX support for osmo-bts-trx  |          | 02/08/2017 04:09 PM | Is duplicate of #1750   |
| 1832 | Linux Kernel GTP-U                    | Feature | New    | Normal   | OpenvSwitch GTP-u patch for 2.5   |          | 10/27/2016 08:56 AM |   |

| #    | Project                                    | Tracker | Status | Priority | Subject  | Assignee | Updated             | Related issues                         |
|------|--|---------|--------|----------|--|----------|---------------------|--|
| 1857 | OsmoBSC                                    | Feature | New    | Normal   | aggregate and report OML ALERT messages received from BTSs         |          | 12/10/2017 08:16 PM | Related to #1615,Related to #1605      |
| 1858 | OsmoBSC                                    | Feature | New    | Normal   | make BSC also generate ALERTs                                      |          | 12/10/2017 07:59 PM |  |
| 1900 | osmo-qcdiag                                | Feature | New    | Normal   | osmo-qcdiag: Add FUSE based access for EFS                         |          | 01/11/2017 12:15 PM |  |
| 1901 | osmo-qcdiag                                | Feature | New    | Normal   | osmo-qcdiag: Ability to read/write NV data                         |          | 01/11/2017 12:15 PM |  |
| 1907 | osmo-qcdiag                                | Bug     | New    | Normal   | osmo-qcdiag detects CRC errors relatively often                    |          | 01/23/2017 01:47 AM |  |
| 1866 | OsmoBSC                                    | Feature | New    | Normal   | Make use of RSL RF RESOURCE INDICATION (interference measurements) |          | 12/10/2017 08:15 PM | Related to #1569                       |
| 1899 | osmo-qcdiag                                | Bug     | New    | Normal   | osmo-qcdiag: DIAG based pcap tracing (DPL) not working             |          | 01/11/2017 12:15 PM |  |
| 1896 | OsmoGGSN (former OpenGGSN)                 | Bug     | New    | Normal   | ggsn unable to set tun interface on FreeBSD v11                    |          | 12/23/2016 03:36 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 |  |
| 1904 | OsmoNITB                                   | Bug     | New    | Normal   | get rid of deprecated functions                                    |          | 03/05/2018 07:33 PM |  |
| 1916 | OsmocomBB                                  | Bug     | New    | Normal   | building GNU ARM toolchain with gcc-4.8 fails on modern texinfo    |          | 10/16/2017 02:14 PM |  |
| 1983 | rtl-sdr                                    | Support | New    | Normal   | Add welle.io and rtl_fm_streamer to rtl-sdr app list               |          | 06/03/2018 12:24 PM |  |
| 1984 | Osmocom.org Servers                        | Feature | New    | Normal   | make list archives more readable/accessible                        |          | 03/15/2017 11:20 AM |  |
| 1955 | OsmoNITB                                   | Bug     | New    | Normal   | Investigate "Bad signalling message" error                         |          | 03/05/2018 07:33 PM |  |
| 1987 | libosmocore                                | Feature | New    | Normal   | gcov code coverage test support                                    |          | 03/17/2017 01:05 PM | Related to #1987,Is duplicate of #1987 |
| 1997 | OsmoHNBGW                                  | Feature | New    | Normal   | Improve error check at compilation time                            |          | 04/10/2017 11:12 AM |  |
| 2179 | Osmocom Conferences (OsmoDevCon + OsmoCon) | Bug     | New    | Normal   | no sign about OsmoCon outside of venue                             |          | 04/24/2017 07:10 PM |  |
| 2191 | OsmoMSC                                    | Feature | New    | Normal   | raw PDU mode for SMPP  |          | 12/23/2017 05:48 PM |  |
| 2224 | SDR (Software Defined Radio)               | Feature | New    | Normal   | New Fospor Benchmark Performance                                   |          | 05/04/2017 01:23 PM |  |
| 2216 | gr-osmosdr                                 | Bug     | New    | Normal   | uhd: LO offset doesn't seem to work properly                       |          | 06/03/2018 12:08 PM |  |
| 2324 | OsmoSTP                                    | Feature | New    | Normal   | allow to bind to a configured IP address                           |          | 08/20/2018 03:43 PM |  |
| 2292 | Osmocom Conferences (OsmoDevCon + OsmoCon) | Bug     | New    | Normal   | Time with community users during OsmoCon                           |          | 05/25/2017 03:03 PM |  |
| 2378 | OsmocomBB                                  | Feature | New    | Normal   | Remove copy-pasted libosmocore ("git subtree") from osmocom-bb.git |          | 10/24/2018 02:13 PM |  |
| 2382 | OsmoBSC                                    | Bug     | New    | Normal   | T3105 not consistently communicated to all BTS models              |          | 03/05/2018 07:02 PM |  |
| 2390 | OsmoMSC                                    | Feature | New    | Normal   | re-add osmocom specific TLVs to SMPP messages                      |          | 12/23/2017 05:48 PM |  |



| #    | Project                      | Tracker | Status | Priority | Subject   | Assignee | Updated             | Related issues                                   |
|------|------------------------------|---------|--------|----------|---|----------|---------------------|--|
| 2470 | OsmoBSC                      | 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 |
| 2414 | OsmoNITB                     | Bug     | New    | Normal   | SMSC: deliverSM message with no user_message_reference                        |          | 08/15/2017 05:53 PM | Related to #2413,Related to #2414                |
| 2438 | OsmoNITB                     | Bug     | New    | Normal   | MS not registered from osmocom PoV, but registered from ofono PoV             |          | 08/14/2017 09:36 AM |  |
| 2459 | OsmoMGW                      | Feature | New    | Normal   | remove nano3G luUP "Initialization ACK" hack when luUP proxy is in place      |          | 05/30/2018 02:59 PM | Related to #3411,Precedes #2459                  |
| 2607 | rtl-sdr                      | Bug     | New    | Normal   | rtl-sdr gnuradio cfile is outdated  |          | 06/03/2018 12:23 PM |  |
| 2677 | libosmocore                  | Support | New    | Normal   | Make stat_item available over ctrl interface                                  |          | 09/04/2019 09:21 AM | Related to #2676                                 |
| 2681 | Osmocom.org Servers          | Bug     | New    | Normal   | bogus user accounts + spam  |          | 11/23/2017 06:59 PM |  |
| 2682 | libosmocore                  | Feature | New    | Normal   | replace legacy counters with rate_ctr   |          | 09/04/2019 09:21 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 |  |
| 2781 | OsmoBSC                      | Feature | New    | Normal   | Extend OsmBSC TTCN-3 test coverage regarding resource leaks                   |          | 07/18/2019 05:04 AM | Related to #2781                                 |
| 2688 | libosmocore                  | Bug     | New    | Normal   | CTRL iface: make rate_ctr request parser more strict                          |          | 11/29/2017 01:40 PM |  |
| 2690 | OsmocomBB                    | Bug     | New    | Normal   | ASAN issue on shutdown/no shutdown SYSINFO access                             |          | 11/29/2017 09:33 AM |  |
| 2808 | Z-Netz                       | Bug     | New    | Normal   | Create + Document VM/emulation setup for running ZERBERUS                     |          | 01/01/2018 01:09 PM |  |
| 2809 | Z-Netz                       | Bug     | New    | Normal   | Build ZConnect <-> UseNet gateway   |          | 01/01/2018 01:33 PM |  |
| 2810 | Retro-BBS / BBS-Revival      | Feature | New    | Normal   | collect analog modems   |          | 01/01/2018 01:20 PM |  |
| 2813 | Z-Netz                       | Feature | New    | Normal   | Create + Document OpenXP setup on Linux                                       |          | 01/01/2018 01:41 PM |  |
| 2814 | Z-Netz                       | Feature | New    | Normal   | Create + Document classic CrossPoint setup on DOS (dosemu)                    |          | 01/01/2018 01:41 PM |  |
| 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 |  |
| 2764 | SDR (Software Defined Radio) | Support | New    | Normal   | osmocom_fft & siggen can't access the X display                               |          | 12/15/2017 06:09 PM |  |
| 2797 | linmodem                     | Bug     | New    | Normal   | X11 support is 16bit plane only   |          | 01/01/2018 02:48 PM |  |
| 2798 | linmodem                     | Feature | New    | Normal   | ALSA Soundcard Support  |          | 01/01/2018 12:02 PM |  |
| 2799 | linmodem                     | Feature | New    | Normal   | SIP client support  |          | 01/01/2018 12:04 PM |  |
| 2800 | linmodem                     | Feature | New    | Normal   | Interop testing with real modems  |          | 01/01/2018 12:16 PM |  |

| #    | Project                                    | Tracker | Status | Priority | Subject  | Assignee | Updated             | Related issues                                     |
|------|--|---------|--------|----------|--|----------|---------------------|--|
| 2981 | OsmoMGW                                    | Bug     | New    | Normal   | make check: mgcp test failed   |          | 02/22/2018 10:14 AM | Related to #2981,Related to #2982,Related to #2981 |
| 2801 | linmodem                                   | Feature | New    | Normal   | V.90 completion  |          | 01/01/2018 12:18 PM |  |
| 2995 | OsmocomBB                                  | Bug     | New    | Normal   | Wrong parsing of PAGING TYPE 3   |          | 02/24/2018 11:03 PM | Related to #2994                                   |
| 2815 | linmodem                                   | Feature | New    | Normal   | modern ptmx / pty handling (UNIX 98)   |          | 01/01/2018 02:48 PM |  |
| 3038 | multi-voltage USB UART                     | Feature | New    | Normal   | Add mounting holes?  |          | 03/07/2018 02:12 AM |  |
| 3097 | OsmoBSC                                    | Feature | New    | Normal   | ramping of "rxlev access min"  |          | 03/22/2018 11:51 AM | Related to #3097                                   |
| 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 |  |
| 3240 | gr-osmosdr                                 | Bug     | New    | Normal   | Expose airspy gain setting in gr-osmosdr block                                 |          | 06/03/2018 12:08 PM |  |
| 2916 | OsmoMSC                                    | Bug     | New    | Normal   | asan failure on debian unstable in msc_vlr_test_gsm_ciph                       |          | 02/09/2018 04:20 PM |  |
| 2943 | OsmoMSC                                    | Bug     | New    | Normal   | Errors in MGCP do not propagate back to MNCC gsm_subscriber_conn state machine |          | 09/04/2019 09:21 AM |  |
| 3344 | OsmoTRX                                    | Feature | New    | Normal   | merge ttsou/siggen   |          | 06/13/2018 07:26 PM |  |
| 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             |
| 3425 | gr-gsm                                     | Bug     | New    | Normal   | Receiver: missing AGC (Automatic Gain Control)                                 |          | 07/26/2018 08:25 PM |  |
| 3000 | OsmoBSC                                    | Bug     | New    | Normal   | OsmoBSC issues "RSL Connect" command too early -> race conditions              |          | 02/25/2018 12:32 PM | Related to #2470,Related to #4179                  |
| 3479 | OsmoBSC                                    | Feature | New    | Normal   | test "every single failure" in osmo-bsc FSMs                                   |          | 08/20/2018 11:15 AM | Related to #3479                                   |
| 3480 | OsmoBSC                                    | 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                                    | 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                  |
| 3588 | rtl-sdr                                    | Bug     | New    | Normal   | Error Values Inconsistent  |          | 09/25/2018 12:47 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 |  |
| 3604 | OsmoSTP                                    | Feature | New    | Normal   | Global Title Routing   |          | 07/18/2019 05:15 AM |  |

| #    | Project                         | Tracker | Status | Priority | Subject   | Assignee | Updated             | Related issues        |
|------|---------------------------------|---------|--------|----------|---|----------|---------------------|-----------------------|
| 3141 | OsmoTRX                         | Bug     | New    | Normal   | Refactor / clean up TRX CTRL / DATA interfaces implementation                                   |          | 04/05/2018 05:46 PM |                       |
| 3605 | OsmoSTP                         | Feature | New    | Normal   | Global Title Translation  |          | 07/18/2019 05:15 AM |                       |
| 3606 | OsmoSTP                         | Feature | New    | Normal   | Support for multiple NI (network indicator)   |          | 10/03/2018 08:58 AM |                       |
| 3156 | OsmoMSC                         | Feature | New    | Normal   | make sure we handle N overlapping CM Service Requests properly                                  |          | 04/11/2018 11:50 AM | Is duplicate of #3069 |
| 3629 | OsmocomBB                       | Bug     | New    | Normal   | mobile aborting after 'test re-selection 1' on vty  |          | 10/04/2018 02:58 PM |                       |
| 3658 | Cellular Modem Information      | Feature | New    | Normal   | Create a "osmocom-bb-host-latest" docker container  |          | 10/16/2018 02:11 PM | Related to #3658      |
| 3663 | gr-osmosdr                      | Bug     | New    | Normal   | Can't compile gr-osmosdr on macOS Mojave  |          | 10/19/2018 02:37 PM |                       |
| 3669 | OsmocomBB                       | Bug     | New    | Normal   | empty IMSI in vty   |          | 10/24/2018 04:15 PM |                       |
| 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 |                       |
| 3672 | Osmocom Analog                  | Feature | New    | Normal   | Custom announcement and tones   |          | 10/25/2018 05:10 PM |                       |
| 3687 | OsmoMSC                         | Feature | New    | Normal   | Expand "show bsc" command   |          | 11/11/2018 09:50 PM |                       |
| 3278 | OsmoNITB                        | Bug     | New    | Normal   | Disconnected ESME socket leaves esme entry in smsc->esme_list                                   |          | 05/18/2018 12:04 AM |                       |
| 3308 | Osmocom.org Servers             | Bug     | New    | Normal   | jenkins: master-asn1c build: "error: 'param' undeclared"  |          | 08/20/2018 04:09 PM |                       |
| 3309 | libosmocore                     | Feature | New    | Normal   | osmo_timer_* should use monotonic clock   |          | 05/31/2018 03:59 PM | Related to #3309      |
| 3817 | SDR (Software Defined Radio)    | Bug     | New    | Normal   | Unable to use fosphor display on Ubuntu 18.10   |          | 02/26/2019 06:56 PM |                       |
| 3829 | OsmoMSC                         | Bug     | New    | Normal   | osmo-msc expects aoip TLV in Assignment Complete messages from BSC                              |          | 03/07/2019 08:30 PM |                       |
| 3354 | Osmocom.org Servers             | Bug     | New    | Normal   | Gerrit: wrong redirect URL after signing in   |          | 06/18/2018 09:20 PM |                       |
| 3909 | libosmocore                     | Bug     | New    | Normal   | osmo_get_rand_id() fails in containerised environment   |          | 04/07/2019 04:05 PM | Related to #3909      |
| 3401 | OsmocomBB                       | Bug     | New    | Normal   | target/firmware/l1ctl: both chan_nr and link_id are not set for L1CTL_DATA_CONF                 |          | 07/16/2018 11:56 PM |                       |
| 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      |
| 3923 | OsmoSGSN                        | Bug     | New    | Normal   | lu: Respond to SecurityCommandReject messages   |          | 04/24/2019 08:26 AM | Related to #3923      |
| 3442 | OsmoMGW                         | Bug     | New    | Normal   | fix int mgcp_codec_decide() in mgcp_codec.c   |          | 09/04/2019 09:26 AM |                       |
| 3443 | OsmoMGW                         | Bug     | New    | Normal   | Check audio-payload options in osmo-mgw VTY   |          | 08/02/2018 03:59 PM |                       |
| 3940 | OsmoSGSN                        | Bug     | New    | Normal   | TTCN-3: lu: test UMTS Auth  |          | 04/24/2019 08:24 AM |                       |
| 3958 | testproject                     | Bug     | New    | Normal   | ./mobile select ARFCN   |          | 04/25/2019 09:49 AM |                       |
| 3477 | Cellular Network Infrastructure | Feature | New    | Normal   | add a wiki page explaining interconnection between components across several machines           |          | 09/04/2019 09:21 AM |                       |
| 3968 | E1/T1 Hardware Interface        | Feature | New    | Normal   | find enclosure for ICE40 E1 board   |          | 04/30/2019 09:41 AM |                       |

| #    | Project                               | Tracker | Status | Priority | Subject   | Assignee | Updated             | Related issues                    |
|------|---------------------------------------|---------|--------|----------|---|----------|---------------------|-----------------------------------|
| 3969 | OsmoSGSN                              | Bug     | New    | Normal   | Fix sgsn_ranap_iu_event() returning error on SECURITY_MODE_COMPLETE   |          | 05/03/2019 12:55 AM |                                   |
| 4019 | OsmoPCU                               | Bug     | New    | Normal   | implement a command to show all informations from the bts   |          | 05/23/2019 03:08 PM |                                   |
| 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 |                                   |
| 4031 | OsmoBTS                               | Bug     | New    | Normal   | OML part of BTS has no TTCN-3 tests   |          | 09/04/2019 09:04 AM | Related to #4031,Related to #4031 |
| 4033 | OsmoGGSN (former OpenGGSN)            | Feature | New    | Normal   | ttn3-ggsn-test: Add tests to verify secondary pdp context management  |          | 05/30/2019 03:19 PM |                                   |
| 4080 | rtl-sdr                               | Support | New    | Normal   | Receiving UTAs on 978 Mhz   |          | 07/02/2019 12:08 PM |                                   |
| 3490 | OsmoMGW                               | Feature | New    | Normal   | Add config option to allow arbitrary domain names in endpoints  |          | 08/20/2018 10:08 PM | Related to #3490                  |
| 3531 | OP25                                  | Bug     | New    | Normal   | Unknown status of the p25 wireshark plugin  |          | 09/07/2018 02:46 PM |                                   |
| 4135 | Qualcomm Linux Modems by Quectel & Co | Support | New    | Normal   | how to use network inside ec20  |          | 07/31/2019 11:20 AM |                                   |
| 4143 | libosmo-ranap                         | Feature | New    | Normal   | Security Mode Command needs distinct UEA1 and UEA2 options  |          | 08/06/2019 12:58 PM | Blocks #4144                      |
| 4166 | OsmoBSC                               | Bug     | New    | Normal   | BORKEN Error / broken lchan / WAIT_ACTIV_ACK: Timeout   |          | 08/22/2019 11:30 AM |                                   |
| 3589 | rtl-sdr                               | Bug     | New    | Normal   | Zerocopy Buffers Unusable Outside Callback Without memcpy()   |          | 09/25/2018 12:58 PM |                                   |
| 3590 | rtl-sdr                               | Bug     | New    | Normal   | Key Functions Missing Documentation   |          | 09/25/2018 01:04 PM |                                   |
| 3591 | rtl-sdr                               | Bug     | New    | Normal   | No Way To Detect Occasional Failed Bulk Transfers   |          | 09/25/2018 01:29 PM |                                   |
| 3607 | OsmoSTP                               | Feature | New    | Normal   | Support for capability point codes  |          | 10/03/2018 08:58 AM |                                   |
| 3608 | OsmoSTP                               | Feature | New    | Normal   | Support for SCTP multi-homing   |          | 10/16/2018 08:30 PM |                                   |
| 3644 | OsmoHLR                               | Feature | New    | Normal   | allow arbitrary bytes in Global Title (GT), a.k.a. the VLR,SGSN's identification towards the HLR                              |          | 10/11/2018 11:54 AM | Related to #3644,Related to #3644 |
| 3652 | OsmocomBB                             | Bug     | New    | Normal   | Incorrect IMEISV setting in mobile application  |          | 10/12/2018 08:20 PM |                                   |
| 3653 | OsmocomBB                             | Bug     | New    | Normal   | FACCH/H sometimes not received by BTS with osmocomBB+motorolaCXX  |          | 10/22/2018 02:37 PM |                                   |
| 3662 | gr-gsm                                | Bug     | New    | Normal   | not building on OSX 10.13.4   |          | 10/29/2018 08:52 AM |                                   |
| 3682 | OsmoBSC                               | Feature | New    | Normal   | Intra-domain connection of OsmoBSC to multiple MSCs   |          | 09/04/2019 09:01 AM |                                   |
| 3689 | OsmoSGSN                              | Bug     | New    | Normal   | Support Cisco GGSN (Cisco 7200 with IOS 12.4.x)   |          | 04/09/2019 11:21 AM |                                   |
| 3703 | OsmoBTS                               | Bug     | New    | Normal   | sporadic failures of TC_tch_sign_i2_fill_frame test case  |          | 11/22/2018 02:58 PM |                                   |
| 3711 | SIMtrace 2                            | Feature | New    | Normal   | Add screw holes for permanent installations   |          | 11/27/2018 02:04 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                  |
| 3738 | OsmoMSC                               | Feature | New    | Normal   | Clarify PS-part of struct vlr_subscr  |          | 12/19/2018 12:34 PM |                                   |

| #    | Project                        | Tracker | Status | Priority | Subject  | Assignee | Updated             | Related issues                    |
|------|--------------------------------|---------|--------|----------|--|----------|---------------------|-----------------------------------|
| 3739 | OsmoBSC                        | Feature | New    | Normal   | on osmo-bsc startup, sanity check codec-, pchan-types and AMR rates configuration          |          | 12/20/2018 01:31 AM |                                   |
| 3741 | osmo-sip-connector             | Bug     | New    | Normal   | Unknow call parameters shown in vty  |          | 12/28/2018 02:01 PM |                                   |
| 3744 | OsmoBSC                        | Bug     | New    | Normal   | include/osmocombsc/gsm_data.h: OSMO_ASSERT(conn->lchan); failed in conn_get_bts()          |          | 12/30/2018 10:39 AM |                                   |
| 3763 | osmo-sip-connector             | Bug     | New    | Normal   | Implement correct handling for call answered elsewhere                                     |          | 01/22/2019 01:03 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 |                                   |
| 3797 | rtl-sdr                        | Bug     | New    | Normal   | Exits with "Bus error"   |          | 02/12/2019 02:28 PM |                                   |
| 3814 | OsmoBSC                        | Bug     | New    | Normal   | MS Power Control Problem with Osmo-BSC and nanoBTS   |          | 02/24/2019 01:15 AM |                                   |
| 3820 | OsmoHNBGW                      | Bug     | New    | Normal   | osmo-hnbgw does not properly do RANAP RESET and RESET ACK on the link towards MSC and SGSN |          | 03/04/2019 07:59 PM | Related to #3944                  |
| 3849 | OsmoMGW                        | Bug     | New    | Normal   | race condition problem in rtp flow tests of the ttcn3 testsuite                            |          | 09/04/2019 09:26 AM |                                   |
| 3880 | OsmoMSC                        | Bug     | New    | Normal   | GSUP MT-ForwardSM Message Reference - wrong value in a response                            |          | 04/01/2019 07:47 AM |                                   |
| 3921 | libosmo-sccp + libosmo-sigtran | Bug     | New    | Normal   | high local reference numbers get cut off   |          | 04/12/2019 01:23 PM |                                   |
| 3936 | OsmoSGSN                       | Bug     | New    | Normal   | lu: first GMM Service Request does not find a MM ctx                                       |          | 05/07/2019 01:37 PM | Related to #3936                  |
| 3939 | OsmoSGSN                       | Bug     | New    | Normal   | TTCN: do a GMM Attach Request when in GMM Connected and have a PDP Request                 |          | 04/24/2019 08:25 AM |                                   |
| 3949 | OsmoTRX                        | Bug     | New    | Normal   | osmo-trx-lms: improve runtime gain setting (missing calibration)                           |          | 04/23/2019 08:32 AM |                                   |
| 3964 | OsmoSGSN                       | Bug     | New    | Normal   | SIGSEGV in sndcp_sm_deactivate_ind()   |          | 04/29/2019 03:51 PM | Related to #3964                  |
| 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                  |
| 3980 | OsmoMGW                        | Bug     | New    | Normal   | Clear Command before CRCX OK may leak MGW endpoint   |          | 05/06/2019 10:11 PM |                                   |
| 3983 | libosmocore                    | Bug     | New    | Normal   | osmo_fsm_inst_change_parent() forgets to talloc reparent                                   |          | 05/08/2019 08:00 AM |                                   |
| 3992 | OsmoMSC                        | Bug     | New    | Normal   | inter-MSC handover for signalling-only?  |          | 05/09/2019 11:39 AM |                                   |
| 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 |
| 4018 | OsmoPCU                        | Bug     | New    | Normal   | investigate ordering of includes paths   |          | 05/23/2019 10:59 AM |                                   |
| 4017 | OsmoMSC                        | Bug     | New    | Normal   | MSC fails to handle calls  |          | 05/29/2019 04:56 PM |                                   |
| 4034 | OsmoMGW                        | Bug     | New    | Normal   | Bad default value for number of endpoints  |          | 05/31/2019 02:52 PM |                                   |
| 4042 | SIMtrace 2                     | Feature | New    | Normal   | provide command line interface on CDC-ACM device   |          | 06/04/2019 04:07 PM |                                   |

| #    | Project                         | Tracker | Status | Priority | Subject   | Assignee               | Updated             | Related issues   |
|------|---------------------------------|---------|--------|----------|---|------------------------|---------------------|------------------|
| 4063 | Cellular Network Infrastructure | Feature | New    | Normal   | Add current version information to the VTY reference manuals  |                        | 06/19/2019 09:51 AM |                  |
| 4082 | OsmoBTS                         | Bug     | New    | Normal   | OML: Unknown/unhandled PCHAN type: 0 NONE   |                        | 07/01/2019 07:14 AM |                  |
| 4086 | Cellular Network Infrastructure | Support | New    | Normal   | Testing the 3G Osmocom Network without a Femto Cell   |                        | 07/10/2019 09:15 PM |                  |
| 4094 | OpenBSC                         | Bug     | New    | Normal   | multiple crashes due to connection failures / drops   |                        | 07/09/2019 07:41 PM | Related to #4094 |
| 4102 | OsmoBTS                         | Bug     | New    | Normal   | osmo-bts-trx: incorrect PTCH handling   |                        | 07/23/2019 09:37 PM | Related to #4102 |
| 4111 | OsmoPCU                         | Bug     | New    | Normal   | BSSGP SUSPEND ACK with unknown BVCI=0   |                        | 07/17/2019 01:30 PM |                  |
| 4122 | OsmoMSC                         | Support | New    | Normal   | Moving to the smpp-config node and getting SMPP messages working  |                        | 07/22/2019 02:07 PM |                  |
| 4130 | OP25                            | Bug     | New    | Normal   | OP25 User Interface   |                        | 07/26/2019 02:36 AM |                  |
| 4153 | OsmoMGW                         | Bug     | New    | Normal   | 3G voice broken with ALu 9361 femto   |                        | 08/16/2019 10:45 AM |                  |
| 4162 | OsmoHNBGW                       | Bug     | New    | Normal   | when hnb with duplicate CID show up, rejected hnbap requests build up in the hnb list                   |                        | 08/21/2019 12:34 AM | Related to #4162 |
| 4158 | OsmoHNBGW                       | Bug     | New    | Normal   | segfault when paging, in a situation with duplicate CID in hnb register requests                        |                        | 08/21/2019 12:38 AM | Related to #4162 |
| 4172 | OsmoGGSN (former OpenGGSN)      | Bug     | New    | Normal   | osmoggsn crashes when stopping  |                        | 08/29/2019 11:35 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 |                  |
| 4196 | OsmoMSC                         | Feature | New    | Normal   | CC Setup, Call Confirmed: decode and use the Supported Codec List IE                                    |                        | 09/10/2019 10:43 PM |                  |
| 4199 | OsmoBSC                         | Bug     | New    | Normal   | osmo-bsc.cfg: if 'amr tch-[fh] modes' are not in order, the config is ignored and osmo-bsc still starts |                        | 09/12/2019 12:52 AM |                  |
| 4213 | OsmoBTS                         | Support | New    | Normal   | ms-power-control  |                        | 09/23/2019 04:12 PM |                  |
| 4074 | libosmocore                     | Bug     | New    | Normal   | LAPD timers completely broken   | Osmocom CNI Developers | 06/21/2019 04:12 PM | Related to #4074 |
| 44   | OsmoSGSN                        | Bug     | New    | Normal   | TLLI clash possible   | sysmocom               | 08/17/2017 06:55 AM |                  |
| 1624 | OsmoPCU                         | Bug     | New    | Normal   | add CRBB support to write_packet_ack_nack_desc_egprs  | sysmocom               | 07/04/2018 12:49 PM |                  |
| 1686 | osmo-sip-connector              | Feature | New    | Normal   | osmo-sip-connector: Implement call holding on SIP   | sysmocom               | 09/04/2019 09:31 AM |                  |
| 1812 | OsmoNITB                        | Feature | New    | Normal   | Report gsm0408_dispatch() failures to MS / UE   | sysmocom               | 03/05/2018 07:34 PM |                  |
| 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 |
| 1979 | OsmoBTS                         | Bug     | New    | Normal   | Priority of SAPI=0/SAPI=3 on SABM   | sysmocom               | 05/08/2019 06:12 PM |                  |
| 2305 | OsmoSGSN                        | Bug     | New    | Normal   | review 'laforge/santos' branch and check if there are pending fixes                                     | sysmocom               | 05/29/2017 04:37 PM |                  |
| 2883 | OsmoMSC                         | Bug     | New    | Normal   | GSUP encoding of MSISDN is wrong  | sysmocom               | 08/08/2018 11:03 AM |                  |
| 2928 | OsmoMSC                         | Bug     | New    | Normal   | OsmoMSC doesn't do BSSMAP ASSIGNMENT if no MNCC_RTP_CREATE is received                                  | sysmocom               | 02/11/2018 05:38 PM |                  |

| #    | Project                         | Tracker | Status | Priority | Subject  | Assignee        | Updated             | Related issues   |
|------|---------------------------------|---------|--------|----------|--|-----------------|---------------------|------------------|
| 3329 | OsmoBTS                         | Feature | New    | Normal   | osmo-bts: Implement IMMEDIATE ASSIGNMENT EXTENDED  | sysmocom        | 06/08/2018 12:02 PM | Related to #3330 |
| 3330 | OsmoBSC                         | Feature | New    | Normal   | osmo-bsc: Implement IMMEDIATE ASSIGNMENT EXTENDED  | sysmocom        | 06/08/2018 12:14 PM | Related to #3330 |
| 4124 | OsmoBSCNAT                      | Feature | New    | Normal   | OsmoBSCNAT : Write user manual   | sysmocom        | 07/22/2019 09:02 AM | Related to #4124 |
| 3572 | OsmoBTS                         | Bug     | New    | Normal   | Incorrect TDMA frame number calculation on TCH channels                                    | sysmocom        | 05/08/2019 06:08 PM | Related to #3803 |
| 3931 | OsmoGSMTester                   | Support | New    | Normal   | Contact quectel to get info about modem updates (hopefully less crashes)                   | sysmocom        | 04/15/2019 01:40 PM | Related to #3931 |
| 4005 | OsmoMGW                         | Bug     | New    | Normal   | TTCN3 crashes when receiving an RTP MGCP_DUMMY_LOAD from osmo-mgw during CRCX              | sysmocom        | 05/16/2019 02:45 PM | Related to #4005 |
| 4029 | OsmoPCU                         | Bug     | New    | Normal   | osmo-pcu: several runtime errors detected by ASan  | sysmocom        | 07/23/2019 04:57 PM |                  |
| 4038 | OsmoMSC                         | Feature | New    | Normal   | MSC_Tests_lu: BSC_ConnectionHandler.ttcn missing handling of RAB-AssignmentRequest         | sysmocom        | 06/03/2019 02:54 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 |                  |
| 4141 | Cellular Network Infrastructure | Bug     | New    | Normal   | No osmux specific code in place during codec negotiation                                   | sysmocom        | 08/05/2019 03:57 PM |                  |
| 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 |                  |
| 2311 | OsmoGSMTester                   | Feature | New    | Normal   | osmo-gsm-tester: add test case: smpp: smpp_first feature                                   | osmo-gsm-tester | 05/31/2017 04:21 PM |                  |
| 2313 | OsmoGSMTester                   | Feature | New    | Normal   | osmo-gsm-tester: add test case: smpp: imsi extension                                       | osmo-gsm-tester | 05/31/2017 04:27 PM |                  |
| 2230 | OsmoGSMTester                   | Feature | New    | Normal   | osmo-gsm-tester: arfcn as resource   | osmo-gsm-tester | 12/14/2017 04:08 PM | Related to #2230 |
| 2266 | OsmoGSMTester                   | Feature | New    | Normal   | in the gsm tester, use ipa.py from openbsc instead of the current CTRL implementation      | osmo-gsm-tester | 10/16/2017 12:36 PM |                  |
| 2314 | OsmoGSMTester                   | Feature | New    | Normal   | osmo-gsm-tester: add test case: smpp: correct ESME routing                                 | osmo-gsm-tester | 05/31/2017 04:29 PM |                  |
| 2318 | OsmoGSMTester                   | Feature | New    | Normal   | testing sysmobts: skip copying of binaries when the same are already installed             | osmo-gsm-tester | 06/07/2017 03:55 PM |                  |
| 2303 | OsmoGSMTester                   | Feature | New    | Normal   | in the jenkins builds for osmo-gsm-tester, disable and/or exclude static libraries         | osmo-gsm-tester | 05/30/2017 12:17 PM |                  |
| 2374 | OsmoGSMTester                   | Feature | New    | Normal   | osmo-gsm-tester: add test case: sms between MS with delivery report                        | osmo-gsm-tester | 08/10/2017 04:37 PM |                  |
| 2399 | OsmoGSMTester                   | Feature | New    | Normal   | add tests for graceful restart of individual components                                    | osmo-gsm-tester | 07/25/2017 12:02 AM |                  |
| 2431 | OsmoGSMTester                   | Bug     | New    | Normal   | osmo-gsm-tester: add test case: MS sends SMS to ESME                                       | osmo-gsm-tester | 08/10/2017 03:47 PM |                  |
| 2504 | OsmoGSMTester                   | Support | New    | Normal   | check whether running osmo-* from docker images is feasible on osmo-gsm-tester             | osmo-gsm-tester | 09/08/2017 12:44 PM |                  |
| 2646 | OsmoGSMTester                   | Feature | New    | Normal   | osmo-gsm-tester: Add osmo-sip-connector support  | osmo-gsm-tester | 04/23/2018 10:40 AM |                  |
| 2662 | OsmoGSMTester                   | Bug     | New    | Normal   | osmo-gsm-tester: Test voice:trx-sysmocell5000 sometimes fails since update to use osmo-mgw | osmo-gsm-tester | 01/22/2018 10:42 AM |                  |

| #    | Project                         | Tracker | Status | Priority | Subject   | Assignee        | Updated             | Related issues   |
|------|---------------------------------|---------|--------|----------|---|-----------------|---------------------|------------------|
| 2615 | OsmoGSMTester                   | Bug     | New    | Normal   | Add API to check GPS lock in BTS  | osmo-gsm-tester | 11/03/2017 05:00 PM |                  |
| 2707 | OsmoGSMTester                   | Feature | New    | Normal   | Add support for verifying content of log files after test is run                        | osmo-gsm-tester | 12/04/2017 05:05 PM |                  |
| 2861 | OsmoGSMTester                   | Feature | New    | Normal   | osmo-gsm-tester: Add 3g support for sysmocell-5k  | osmo-gsm-tester | 05/30/2018 02:58 PM | Related to #2860 |
| 3676 | OsmoGSMTester                   | Bug     | New    | Normal   | ofono: org.ofono.ConnectionManager property Bearer returning "none"                     | osmo-gsm-tester | 10/29/2018 01:11 PM |                  |
| 1515 | UmTRX                           | Feature | New    | Normal   | Heat dissipation and mounting issue   | Andrey          | 02/19/2016 10:52 PM |                  |
| 1516 | UmTRX                           | Feature | New    | Normal   | There are no port to control external equipment like PA                                 | Andrey          | 02/19/2016 10:52 PM |                  |
| 1517 | UmTRX                           | Feature | New    | Normal   | U_FL (UMC) connectors are not reliable after few connections                            | Andrey          | 02/19/2016 10:52 PM |                  |
| 1518 | UmTRX                           | Feature | New    | Normal   | Upper limit of the clock is too low   | Andrey          | 02/19/2016 10:52 PM |                  |
| 1921 | Cellular Network Infrastructure | Bug     | New    | Normal   | osmo-gsm-manuals: Purge-MS operation doc error?   | daniel          | 03/16/2018 07:55 PM |                  |
| 2523 | OsmoMGW                         | Feature | New    | Normal   | transcoding: remove "not yet implemented" from MNCC manual once transcoding is in place | daniel          | 03/16/2018 07:54 PM |                  |
| 2588 | OsmoHNBGW                       | Bug     | New    | Normal   | OsmoHNBGW has no user manual  | daniel          | 03/16/2018 07:54 PM | Related to #2588 |
| 3731 | OsmoMGW                         | Bug     | New    | Normal   | TTCN3 TC_rtpem_selftest randomly fails  | daniel          | 12/13/2018 12:37 PM |                  |
| 2650 | OsmoMGW                         | Bug     | New    | Normal   | how can osmo-mgw send a dummy RTP packet before CRCX ACK?                               | dexter          | 05/16/2019 02:39 PM | Related to #4005 |
| 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 |
| 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 |

...