

## Issues

| #    | Project                               | Tracker | Status      | Priority | Subject  | Assignee   | Updated             | Related issues   |
|------|---------------------------------------|---------|-------------|----------|--|------------|---------------------|--|
| 4251 | SIMtrace 2                            | Bug     | New         | Urgent   | simtrace2 firmware can get OOM / talloc unable to allocate buffer for APDU       | tsaitgaist | 11/07/2019 02:34 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 |  |
| 3395 | OsmoPCU                               | Bug     | Feedback    | Urgent   | Uplink CS/MCS control is broken osmo-pcu is used with osmo-bts-trx/osmo-trx      | lynxis     | 10/04/2019 08:35 PM | Related to #3395, Related to #3395, Related to #3395, Related to #3834, Related to #3395, Related to #3929 |
| 3209 | OsmoGGSN (former OpenGGSN)            | Bug     | Stalled     | Urgent   | no example config file + documentation about kernel GTP with OsmoGGSN            | laforge    | 07/04/2018 12:45 PM |  |
| 3863 | OsmoBTS                               | Support | In Progress | Urgent   | setup testing of osmo-bts-oc2g on real hardware with ttcn3 and osmocon/osmocombb | dexter     | 07/18/2019 06:04 AM |  |
| 3155 | OsmoBTS                               | Feature | In Progress | Urgent   | execute BTS_Tests.ttcn with real (C123) phone hardware in LTHW setup             | pespin     | 04/15/2019 05:15 PM | Related to #3353, Related to #3155   |
| 1683 | osmo-sip-connector                    | Bug     | In Progress | Urgent   | osmo-sip-connector: Implement codec selection / move codec selection to osmo-msc | neels      | 11/07/2019 11:56 PM | Related to #1683, Related to #1683, Related to #1683, Related to #1683, Related to #3650                   |
| 4097 | osmo-remsim                           | Bug     | Feedback    | Urgent   | osmo-remsim-bankd leaking memory   | roh        | 09/18/2019 06:25 PM | Related to #4097, Related to #4119   |
| 3883 | osmo-remsim                           | Bug     | New         | Urgent   | osmo-remsim user manual lacks examples   | laforge    | 07/16/2019 02:43 PM |  |
| 3889 | osmo-remsim                           | Bug     | In Progress | Urgent   | adjust TTCN3 remsim testsuite to latest code                                     | laforge    | 05/08/2019 03:30 PM |  |
| 3819 | gr-osmosdr                            | Support | New         | Urgent   | OSMO SDR blocks for GNUradio   |            | 02/28/2019 06:00 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                       |
| 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   |
| 2620 | Cellular Network Infrastructure       | Bug     | New         | Urgent   | Testing NITB Migration Guide   | roh        | 05/08/2019 02:40 PM | Related to #2620   |
| 1507 | UmTRX                                 | Feature | New         | High     | Implement UmSEL tuner control  | ipse       | 02/21/2016 04:47 PM |  |

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|------|------------------------------|---------|-------------|----------|--|------------|---------------------|--|
| 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 |  |
| 1505 | UmTRX                        | Bug     | New         | High     | OHM4 footprint incorrect   |            | 02/19/2016 10:52 PM |  |
| 3379 | SIMtrace 2                   | Bug     | Stalled     | High     | documentation on how to use SIMtrace2                                    | tsaitgaist | 10/25/2018 09:12 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   |
| 1474 | SDR (Software Defined Radio) | Bug     | New         | High     | USB Claim Interface Error  | steve-m    | 02/20/2016 08:23 PM |  |
| 1722 | pySim                        | Feature | New         | High     | Improve pySim usability  |            | 08/17/2016 03:57 PM |  |
| 3341 | OsmoTRX                      | Bug     | In Progress | High     | osmo-trx-lms RF Envelope FAIL on LimeSDR, but not on LimeSDR-mini        | roh        | 10/04/2019 04:40 PM | Related to #3341,Related to #3861,Blocks #3341                           |
| 4182 | OsmoTRX                      | Bug     | Feedback    | High     | osmo-trx build failures on obs   | pespin     | 10/01/2019 02:19 PM |  |
| 3515 | OsmoTRX                      | Bug     | In Progress | High     | license confusion in OsmoTRX   | ipse       | 07/29/2019 01:25 PM |  |
| 4245 | OsmoSGSN                     | Bug     | Feedback    | High     | osmo-sgsn hitting assert during osmo-gsm-tester ping.py test             | pespin     | 11/08/2019 06:31 PM | Related to #4245,Related to #4245  |
| 4222 | OsmoSGSN                     | Bug     | New         | High     | Implement PS Paging for the Routing Areas                                |            | 10/08/2019 04:30 PM |  |
| 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  |
| 2955 | OsmoSGSN                     | Bug     | New         | High     | No GMM ATTACH REJECT on GSUP UpdateLocation Error                        | lynxis     | 09/10/2019 07:39 PM |  |
| 1720 | OsmoSGSN                     | Feature | In Progress | High     | extend/complete OsmoSGSN user manual                                     | daniel     | 07/26/2019 10:10 AM |  |
| 3927 | OsmoPCU                      | Bug     | Stalled     | High     | Missing PCU_Tests.ttcn Paging tests                                      | osmith     | 10/14/2019 07:11 AM |  |
| 1940 | OsmoPCU                      | Bug     | Stalled     | High     | implement T3141 - Timeout after Send Immediate assign for TBF            | pespin     | 10/08/2019 11:44 AM |  |
| 3928 | OsmoPCU                      | Bug     | In Progress | High     | Missing PCU_Tests.ttcn for various timers / time-outs                    | pespin     | 10/07/2019 09:47 AM |  |
| 1548 | OsmoPCU                      | Bug     | Stalled     | High     | 11bit RACH support   |            | 10/04/2019 11:15 PM | Related to #1548,Related to #3054,Related to #3014,Is duplicate of #1548 |
| 2400 | OsmoPCU                      | Bug     | Stalled     | High     | transmit SI13 on PACCH during long TBFs                                  | osmith     | 10/04/2019 10:39 PM | Related to #2400   |
| 1833 | OsmoPCU                      | Bug     | Feedback    | High     | UPLINK MCS gets reduced from MCS9->MCS6 when good radio condition exists | lynxis     | 09/27/2019 04:10 AM | Related to #3395   |
| 1939 | OsmoPCU                      | Bug     | Feedback    | High     | implement packet idle/transfer mode including T3192                      | lynxis     | 09/26/2019 12:51 PM |  |
| 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  |

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|------|-----------|---------|-------------|----------|--|----------|---------------------|--|
| 1542 | OsmoPCU   | Bug     | New         | High     | Post gsmtap/EGPRS patch to the wireshark project                                   |          | 07/18/2019 03:59 PM |  |
| 1560 | OsmoPCU   | Feature | New         | High     | EDGE benchmarking / performance optimization / tuning                              | lynxis   | 07/18/2019 05:13 AM |  |
| 2282 | OsmoPCU   | Feature | In Progress | High     | uplink multi-slot allocations  | lynxis   | 07/11/2019 05:11 PM | Related to #1775                                   |
| 1546 | OsmoPCU   | Feature | New         | High     | closed loop uplink power control   | lynxis   | 04/18/2019 02:38 PM |  |
| 3926 | OsmoPCU   | Bug     | New         | High     | Missing PCU_Tests.ttcn DL TBF tests  | lynxis   | 04/15/2019 07:55 AM |  |
| 1640 | OsmoPCU   | Bug     | Stalled     | High     | Missing release field/length in MS RA capability container                         | lynxis   | 04/15/2019 07:47 AM |  |
| 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 |
| 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                  |
| 1925 | OsmoPCU   | Bug     | New         | High     | Fix padding for MCS8 transition  | lynxis   | 04/15/2019 07:45 AM |  |
| 1766 | OsmoPCU   | Bug     | In Progress | High     | KPIs for OsmoPCU: EGPRS  |          | 10/29/2017 06:47 PM | Related to #1766,Related to #1766                  |
| 1792 | OsmoPCU   | Bug     | Stalled     | High     | 2 MS tests: Issue with TS allocation for DL in PCU                                 | sysmocom | 08/17/2017 06:53 AM |  |
| 3294 | OsmoMSC   | Bug     | Stalled     | High     | transaction: refactor callref allocation   | neels    | 09/26/2019 06:50 PM | Related to #3294,Related to #3294                  |
| 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                                   |
| 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 |
| 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                  |
| 3717 | OsmoHLR   | Bug     | Stalled     | High     | SS/USSD: fix SS session inactivity timeout   | fixeria  | 12/05/2018 08:45 PM |  |
| 1458 | OsmocomBB | Bug     | New         | High     | AGC broken (strong cell cannot be synced)  | tnt      | 07/18/2019 06:10 AM | Related to #3582                                   |
| 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                      |
| 3399 | OsmocomBB | Feature | Stalled     | High     | mobile: refactor / finish external MNCC handler implementation                     | fixeria  | 10/04/2018 09:07 PM |  |
| 2409 | OsmocomBB | Feature | Stalled     | High     | Add GPRS support to virt_phy and L1CTL   | laforge  | 07/04/2018 12:48 PM |  |
| 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 |  |

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| 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  |
| 3977 | OsmoCBC             | Feature | New         | High     | SABP stream delineation routines   | laforge  | 09/23/2019 04:49 AM | Related to #3979  |
| 3978 | OsmoCBC             | Bug     | In Progress | High     | SABP encoding/decoding routines  | laforge  | 09/23/2019 04:46 AM |   |
| 3979 | OsmoCBC             | Bug     | In Progress | High     | TTCN3 SABP support   | laforge  | 09/23/2019 04:45 AM | Related to #3979,Related to #3979   |
| 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   |
| 4213 | OsmoBTS             | Support | Feedback    | High     | ms-power-control   | pespin   | 11/05/2019 01:42 PM | Related to #4213,Related to #4244   |
| 3428 | OsmoBTS             | Feature | Stalled     | High     | Implement handling of NOPE / IDLE indications from Transceiver                                       | fixeria  | 10/03/2019 05:27 PM | Related to #3428,Related to #3428,Related to #3665,Related to #3428,Blocks #3428,Blocks #2975 |
| 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 |   |
| 1950 | OsmoBTS             | Bug     | Stalled     | High     | LC15: BTS does not send L2 fill frame  | pespin   | 07/18/2019 05:56 AM |   |
| 3506 | OsmoBTS             | Bug     | Feedback    | High     | FACCH LAPDm sequence error (state LAPD_STATE_MF_EST)   | fixeria  | 04/04/2019 06:35 PM | Related to #3906  |
| 3568 | OsmoBTS             | Bug     | Stalled     | High     | CBCH on SDCCH/8 not working for osmo-bts-sysmo   | laforge  | 01/14/2019 03:29 PM |   |
| 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   |
| 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                           |
| 2978 | OsmoBTS             | Bug     | Stalled     | High     | OsmoBTS rxlev/rxqual SUB computation completely broken [AMR DTX]                                     | dexter   | 09/03/2018 07:44 AM | Related to #2978  |
| 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  |
| 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  |

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|------|--------------------|---------|---------|----------|--|------------------------|---------------------|---|
| 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                  |
| 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 #3783 |
| 3476 | OsmoBSC            | Support | New     | High     | osmo-bsc manual needs to explain the AoIP config 'cs7 instance'                |                        | 08/20/2018 09:06 AM |   |
| 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                                   |
| 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 |   |
| 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  |
| 4021 | osmo-remsim        | Support | New     | High     | long-term end-to-end osmo-remsim test setup                                    | roh                    | 10/18/2019 02:51 PM |   |
| 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 |   |
| 2155 | OP25               | Feature | New     | High     | Replace FSK4 demodulation with IQ demodulator stage.                           |                        | 04/22/2017 04:16 PM |   |
| 2156 | OP25               | Feature | New     | High     | Implement forward error correction for HDU.                                    |                        | 04/22/2017 04:16 PM |   |
| 2157 | OP25               | Feature | New     | High     | Fix "traffic" tab so it displays data for non-HDU data units                   |                        | 04/22/2017 04:16 PM |   |
| 2158 | OP25               | Feature | New     | High     | Create a shared library for decoding for WireShark and the decoder.            |                        | 04/22/2017 04:16 PM |   |
| 2160 | OP25               | Feature | New     | High     | Add "datascope" to usrp_p25_rx.py  |                        | 04/22/2017 04:16 PM |   |
| 2162 | OP25               | Bug     | New     | High     | Fix bit-ordering in output for VC55.   |                        | 04/22/2017 04:15 PM |   |
| 2166 | OP25               | Feature | New     | High     | Add support for Max's I/Q 455khz downconverter                                 |                        | 04/22/2017 04:15 PM |   |
| 2167 | OP25               | Feature | New     | High     | Implement Encryption/Decryption P25 blocks                                     |                        | 04/22/2017 04:15 PM |   |
| 2168 | OP25               | Bug     | New     | High     | Implement Forward error correction for LDU1/2                                  |                        | 04/22/2017 04:15 PM |   |
| 2169 | OP25               | Bug     | New     | High     | First-cut of trunking support  |                        | 04/22/2017 04:15 PM |   |
| 2170 | OP25               | Bug     | New     | High     | Implement forward error-correction code, remove IT++ dependency                |                        | 04/22/2017 04:14 PM |   |
| 2171 | OP25               | Feature | New     | High     | Use libfftw3 for IFFT/FFT functions.   |                        | 04/22/2017 04:14 PM |   |

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|------|---------------------------------|---------|-------------|----------|--|-----------|---------------------|--|
| 2172 | OP25                            | Bug     | New         | High     | HDU often missing in captures  |           | 04/22/2017 04:14 PM |  |
| 2173 | OP25                            | Feature | New         | High     | Remove dependency on ET++  |           | 04/22/2017 04:14 PM |  |
| 2175 | OP25                            | Feature | New         | High     | Update code for GNURadio 3.6 and later   | stevie    | 04/22/2017 04:14 PM |  |
| 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 |  |
| 1477 | Mobile (in)Security             | Bug     | New         | High     | RACH flood DoS   |           | 02/21/2016 04:34 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 |  |
| 4095 | libosmocore                     | Bug     | New         | High     | osmo_get_rand_id() can fail under debian jessie  | osmith    | 07/18/2019 05:50 AM |  |
| 1982 | libosmocore                     | Bug     | New         | High     | LAPD: segfault in lapd_est_req function  |           | 07/18/2019 05:49 AM | Related to #1982                               |
| 3871 | libosmo-sccp + libosmo-sigran   | 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 |
| 4248 | libosmo-abis                    | Bug     | In Progress | High     | debian nightly packages without dahdi support  | laforge   | 11/11/2019 04:15 PM |  |
| 3734 | gr-osmosdr                      | Bug     | New         | High     | Cannot compile gr-osmocom  |           | 12/16/2018 12:22 AM |  |
| 2824 | gr-osmosdr                      | Bug     | New         | High     | Corrupted double-linked for Raspbian Stretch when running osmocom_fft (and any other program using osmosdr.source                        |           | 06/03/2018 12:08 PM |  |
| 3458 | gr-gsm                          | Bug     | Feedback    | High     | apps/grgsm_trx: [ERROR] [STREAMER] recv packet demuxer unexpected sid 0xXX   |           | 09/21/2018 10:12 AM | Related to #3692                               |
| 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 |  |
| 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              |
| 4227 | Cellular Network Infrastructure | Bug     | In Progress | High     | all package builds for Debian testing and unstable fail  | laforge   | 10/15/2019 11:42 AM |  |
| 2604 | Cellular Network Infrastructure | Feature | In Progress | High     | GSUP-to-DIAMETER converter / IWF   | laforge   | 08/29/2019 03:10 PM |  |
| 3794 | Cellular Network Infrastructure | Bug     | In Progress | High     | 'make install' overwrites \$prefix/etc/osmocom/*.cfg   | osmith    | 07/30/2019 08:50 AM |  |
| 3127 | Cellular Network Infrastructure | Bug     | New         | High     | update the [[Osmocom Network In The Box]] wiki page  | daniel    | 05/08/2019 02:37 PM |  |
| 1719 | Cellular Network Infrastructure | Support | Stalled     | High     | review different 'getting started' guides in the wiki and unify/update them  | daniel    | 03/27/2018 01:40 PM | Related to #1719                               |
| 2814 | Z-Netz                          | Feature | New         | Normal   | Create + Document classic CrossPoint setup on DOS (dosemu)   |           | 01/01/2018 01:41 PM |  |
| 2813 | Z-Netz                          | Feature | New         | Normal   | Create + Document OpenXP setup on Linux  |           | 01/01/2018 01:41 PM |  |

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| 2809 | Z-Netz                       | Bug     | New         | Normal   | Build ZConnect <-> UseNet gateway  |            | 01/01/2018 01:33 PM |                  |
| 2808 | Z-Netz                       | Bug     | New         | Normal   | Create + Document VM/emulation setup for running ZERBERUS                    |            | 01/01/2018 01:09 PM |                  |
| 2807 | Z-Netz                       | Bug     | New         | Normal   | Obtain ZERBERUS software build[s] and manual[s]                              | laforge    | 01/01/2018 01:08 PM |                  |
| 3747 | UmTRX                        | Feature | New         | Normal   | LMS6002D RX Gain Control   | ipse       | 01/08/2019 09:46 AM |                  |
| 1509 | UmTRX                        | Feature | New         | Normal   | Store calibration values in EEPROM   | ipse       | 02/21/2016 04:47 PM |                  |
| 1506 | UmTRX                        | Feature | New         | Normal   | Move to the latest stable UHD  | ipse       | 02/21/2016 04:47 PM |                  |
| 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 |                  |
| 1511 | UmTRX                        | Feature | New         | Normal   | Solve Tx and Rx I/Q imbalance for wideband signals                           |            | 02/19/2016 10:52 PM |                  |
| 1504 | UmTRX                        | Feature | New         | Normal   | LMS6002 phase error increases when Rx is enabled and varies with temperature | ttsou      | 02/19/2016 10:52 PM |                  |
| 3958 | testproject                  | Bug     | New         | Normal   | ./mobile select ARFCN  |            | 04/25/2019 09:49 AM |                  |
| 4041 | SIMtrace 2                   | Bug     | New         | Normal   | implement SIMTRACE_CMD_BD_BOARD_INFO   | tsaitgaist | 08/06/2019 02:12 PM | Related to #4041 |
| 4118 | SIMtrace 2                   | Bug     | New         | Normal   | VCC_PHONE strong pull on SIMtrace board                                      | tsaitgaist | 07/18/2019 11:54 AM |                  |
| 4087 | SIMtrace 2                   | Bug     | New         | Normal   | remove bogus targets from build process and ftp dir                          | tsaitgaist | 07/04/2019 08:56 AM |                  |
| 4042 | SIMtrace 2                   | Feature | New         | Normal   | provide command line interface on CDC-ACM device                             |            | 06/04/2019 04:07 PM |                  |
| 3815 | SIMtrace 2                   | Bug     | New         | Normal   | simtrace2 fails USB-IF CH9 test  | tsaitgaist | 02/23/2019 03:10 PM |                  |
| 3711 | SIMtrace 2                   | Feature | New         | Normal   | Add screw holes for permanent installations                                  |            | 11/27/2018 02:04 AM |                  |
| 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 |
| 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 |
| 1912 | SIMtrace 2                   | Feature | Stalled     | Normal   | do proper re-layout of the board   | mschramm   | 09/14/2018 06:54 PM |                  |
| 1911 | SIMtrace 2                   | Feature | New         | Normal   | check if we can have an enclosed version of simtrace v2                      | tsaitgaist | 09/13/2018 12:40 PM |                  |
| 3371 | SIMtrace 2                   | Feature | New         | Normal   | migrate to use arm-none-eabi build of libosmocore.git                        | laforge    | 08/09/2018 12:14 PM |                  |
| 2614 | SIMtrace                     | Bug     | New         | Normal   | simtrace_hdr randomly appears in APDU payload                                | lukash     | 11/03/2017 08:54 AM |                  |
| 3817 | SDR (Software Defined Radio) | Bug     | New         | Normal   | Unable to use fosphor display on Ubuntu 18.10                                |            | 02/26/2019 06:56 PM |                  |
| 2764 | SDR (Software Defined Radio) | Support | New         | Normal   | osmocom_fft & siggen can't access the X display                              |            | 12/15/2017 06:09 PM |                  |
| 2224 | SDR (Software Defined Radio) | Feature | New         | Normal   | New Fosphor Benchmark Performance  |            | 05/04/2017 01:23 PM |                  |
| 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 |                  |
| 4101 | rtl-sdr                      | Bug     | New         | Normal   | Memory leak in the rtl_sdr_open routine of librtlsdr                         | perceval62 | 07/11/2019 05:39 PM |                  |

| #    | Project                               | Tracker | Status      | Priority | Subject  | Assignee | Updated             | Related issues                         |
|------|---------------------------------------|---------|-------------|----------|--|----------|---------------------|--|
| 4080 | rtl-sdr                               | Support | New         | Normal   | Receiving UTAs on 978 Mhz  |          | 07/02/2019 12:08 PM |  |
| 3797 | rtl-sdr                               | Bug     | New         | Normal   | Exits with "Bus error"   |          | 02/12/2019 02:28 PM |  |
| 3591 | rtl-sdr                               | Bug     | New         | Normal   | No Way To Detect Occasional Failed Bulk Transfers                                      |          | 09/25/2018 01:29 PM |  |
| 3590 | rtl-sdr                               | Bug     | New         | Normal   | Key Functions Missing Documentation  |          | 09/25/2018 01:04 PM |  |
| 3589 | rtl-sdr                               | Bug     | New         | Normal   | ZeroCopy Buffers Unusable Outside Callback Without memcpy()                            |          | 09/25/2018 12:58 PM |  |
| 3588 | rtl-sdr                               | Bug     | New         | Normal   | Error Values Inconsistent  |          | 09/25/2018 12:47 PM |  |
| 3315 | rtl-sdr                               | Feature | New         | Normal   | review and possibly apply patches from debian package                                  | steve-m  | 06/03/2018 01:17 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 |  |
| 2607 | rtl-sdr                               | Bug     | New         | Normal   | rtl-sdr gnuradio cfile is outdated   |          | 06/03/2018 12:23 PM |  |
| 2811 | Retro-Networking / BBS-Revival        | Bug     | In Progress | Normal   | collect ISDN cards / adapters  |          | 10/10/2019 07:29 PM |  |
| 2810 | Retro-Networking / BBS-Revival        | Feature | In Progress | Normal   | collect analog modems  |          | 10/10/2019 07:29 PM |  |
| 2812 | Retro-Networking / BBS-Revival        | Feature | In Progress | Normal   | Build mixed ISDN / analog telephone network  |          | 10/04/2019 07:40 AM |  |
| 4135 | Qualcomm Linux Modems by Quectel & Co | Support | New         | Normal   | how to use network inside ec20   |          | 07/31/2019 11:20 AM |  |
| 1815 | Qualcomm Linux Modems by Quectel & Co | Feature | New         | Normal   | tool for building binary ipk from .list/.control                                       |          | 10/02/2016 05:06 AM |  |
| 1813 | Qualcomm Linux Modems by Quectel & Co | Bug     | New         | Normal   | cat /dev/snd/* causes kernel oops  |          | 09/30/2016 04:00 PM |  |
| 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                       |
| 3342 | OsmoTRX                               | Bug     | In Progress | Normal   | osmo-trx-lms: low tx output power level  | roh      | 10/01/2019 04:04 PM | Related to #3342,Blocks #3342          |
| 4207 | OsmoTRX                               | Bug     | New         | Normal   | multi-arfcn not working properly   | pespin   | 09/16/2019 05:27 PM |  |
| 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 |  |
| 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      |
| 3981 | OsmoTRX                               | Bug     | New         | Normal   | osmo-trx-lms: Overruns appear from time to time  | pespin   | 07/30/2019 04:17 PM | Related to #3981                       |
| 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 |
| 3949 | OsmoTRX                               | Bug     | New         | Normal   | osmo-trx-lms: improve runtime gain setting (missing calibration)                       |          | 04/23/2019 08:32 AM |  |



| #    | Project  | Tracker | Status      | Priority | Subject  | Assignee  | Updated             | Related issues  |
|------|----------|---------|-------------|----------|--|-----------|---------------------|---|
| 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 |
| 3344 | OsmoTRX  | Feature | New         | Normal   | merge ttsou/siggen   |           | 06/13/2018 07:26 PM |   |
| 3141 | OsmoTRX  | Bug     | New         | Normal   | Refactor / clean up TRX CTRL / DATA interfaces implementation                            |           | 04/05/2018 05:46 PM |   |
| 3067 | OsmoTRX  | Bug     | New         | Normal   | osmo-trx usrp b100 time out and packet loss between host and device                      | ttsou     | 03/15/2018 06:36 PM |   |
| 3061 | OsmoTRX  | Bug     | New         | Normal   | OsmoTRX ARM chroot build jobs failing due to proot bug                                   | pespin    | 03/13/2018 11:50 AM | Related to #3766  |
| 4270 | OsmoSTP  | Bug     | New         | Normal   | ASP role is saved as uppercase but only lowercase gets parsed                            | pespin    | 11/18/2019 07:56 PM |   |
| 4269 | OsmoSTP  | Support | New         | Normal   | default value for sctp-role  |           | 11/18/2019 07:24 PM |   |
| 2888 | OsmoSTP  | Bug     | New         | Normal   | OsmoSTP has no TTCN-3 testsuite  | laforge   | 11/12/2019 11:59 AM |   |
| 2324 | OsmoSTP  | Feature | Feedback    | Normal   | allow to bind to a configured IP address   | neels     | 11/07/2019 07:11 PM |   |
| 3605 | OsmoSTP  | Feature | New         | Normal   | Global Title Translation   |           | 07/18/2019 05:15 AM |   |
| 3604 | OsmoSTP  | Feature | New         | Normal   | Global Title Routing   |           | 07/18/2019 05:15 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 |   |
| 3606 | OsmoSTP  | Feature | New         | Normal   | Support for multiple NI (network indicator)  |           | 10/03/2018 08:58 AM |   |
| 3607 | OsmoSTP  | Feature | New         | Normal   | Support for capability point codes   |           | 10/03/2018 08:58 AM |   |
| 1690 | OsmoSMSC | Bug     | New         | Normal   | Insert: Generate message ID (e.g. UUID)  | zecke     | 04/06/2016 12:26 PM |   |
| 1689 | OsmoSMSC | Feature | New         | Normal   | insert: Change destination number based on criteria similiar to route handling on output | zecke     | 04/06/2016 12:18 PM |   |
| 1623 | OsmoSMSC | Feature | New         | Normal   | Configure delivery report for the SMPP delivery links                                    | zecke     | 02/24/2016 01:49 PM |   |
| 3957 | OsmoSGSN | Bug     | Feedback    | Normal   | ABORT from gprs_sndcp_comp_free()  | pespin    | 11/08/2019 06:31 PM | Related to #3964,Related to #4245                                   |
| 3964 | OsmoSGSN | Bug     | New         | Normal   | SIGSEGV in sndcp_sm_deactivate_ind()   |           | 10/10/2019 07:11 PM | Related to #3964,Related to #4221                                   |
| 1942 | OsmoSGSN | Bug     | Feedback    | Normal   | Gb: implement paging in case of MM state == STANDBY && rx DL PDU                         | lynxis    | 10/08/2019 04:24 PM |   |
| 4221 | OsmoSGSN | Bug     | New         | Normal   | create ttcn testcase for T3350 in combination with a PDP context                         |           | 10/08/2019 04:21 PM | Related to #4221  |
| 2501 | OsmoSGSN | Bug     | In Progress | Normal   | suspected problem with unanswered neighbor solicitation                                  | osmith    | 09/11/2019 12:58 PM |   |
| 2951 | OsmoSGSN | Bug     | Feedback    | Normal   | OsmoSGSN Accepts two MO L3 Messages with N(U) set to zero                                | osmith    | 09/11/2019 12:24 PM |   |
| 4116 | OsmoSGSN | Bug     | New         | Normal   | osmo-sgsn fails to compile on openSUSE Tumbleweed (gcc 9.1 with LTO enabled)             | Hoernchen | 07/18/2019 05:25 AM | Related to #4116,Related to #4123                                   |

| #    | Project  | Tracker | Status      | Priority | Subject  | Assignee | Updated             | Related issues   |
|------|----------|---------|-------------|----------|--|----------|---------------------|--|
| 2958 | OsmoSGSN | Bug     | Stalled     | Normal   | OsmoSGSN doesn't authenticate on second/further ATTACH REQUEST                             | lynxis   | 07/18/2019 05:11 AM | Related to #2958   |
| 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   |
| 3696 | OsmoSGSN | Bug     | New         | Normal   | Intermittent Connection Drop   | lynxis   | 05/08/2019 12:14 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   |
| 1818 | OsmoSGSN | Bug     | New         | Normal   | luPS: CN should lu Release in certain situations   | lynxis   | 05/03/2019 12:00 AM | Related to #1818,Related to #3302,Related to #3908                                   |
| 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 |  |
| 3923 | OsmoSGSN | Bug     | New         | Normal   | lu: Respond to SecurityCommandReject messages  |          | 04/24/2019 08:26 AM | Related to #3923   |
| 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 |  |
| 3940 | OsmoSGSN | Bug     | New         | Normal   | TTCN-3: lu: test UMTS Auth   |          | 04/24/2019 08:24 AM |  |
| 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 |  |
| 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 |
| 2960 | OsmoSGSN | Bug     | New         | Normal   | OsmoSGSN confirms PDP CTX ACT to MS/Gb despite missing conditional IEs on GTP              | lynxis   | 04/15/2019 07:37 AM |  |
| 2957 | OsmoSGSN | Bug     | New         | Normal   | No timeout during GSUP PURGE MS to HLR   | lynxis   | 04/15/2019 07:36 AM |  |
| 2577 | OsmoSGSN | Bug     | New         | Normal   | Ensure meaningful default loglevels.   | lynxis   | 04/15/2019 07:34 AM |  |
| 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 |  |
| 3224 | OsmoSGSN | Bug     | New         | Normal   | verify ciphering after UMTS AKA  | lynxis   | 04/15/2019 07:30 AM | Related to #3193,Related to #3224  |
| 3403 | OsmoSGSN | Bug     | New         | Normal   | osmo-sgsn doesn not connect properly with via SCCP when restarted                          | lynxis   | 04/15/2019 07:29 AM | Related to #3403   |
| 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  |
| 1947 | OsmoSGSN | Bug     | New         | Normal   | GPRS Attach reject for Apple/Android mobile  | laforge  | 04/13/2019 11:21 AM |  |

| #    | Project  | Tracker | Status      | Priority | Subject  | Assignee | Updated             | Related issues  |
|------|----------|---------|-------------|----------|--|----------|---------------------|---|
| 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  |
| 3689 | OsmoSGSN | Bug     | New         | Normal   | Support Cisco GGSN (Cisco 7200 with IOS 12.4.x)                          |          | 04/09/2019 11:21 AM |   |
| 1587 | OsmoSGSN | Feature | Stalled     | Normal   | SMS over GPRS support  |          | 11/25/2018 08:14 PM | Related to #3587  |
| 3178 | OsmoSGSN | Bug     | Feedback    | Normal   | gbproxy: failed to parse invalid BSSGP-UNITDATA message                  | pespin   | 09/27/2018 08:53 AM |   |
| 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  |
| 2962 | OsmoSGSN | Bug     | New         | Normal   | Missing TTCN-3 test cases  | lynxis   | 05/30/2018 02:19 PM |   |
| 2953 | OsmoSGSN | Bug     | New         | Normal   | No timeout waiting for UpdateLocation Response on GSUP                   | lynxis   | 05/17/2018 01:57 PM | Related to #2952  |
| 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                          |
| 1655 | OsmoSGSN | Feature | Stalled     | Normal   | KPIs for OsmoSGSN  | lynxis   | 10/29/2017 06:25 PM | Related to #1652,Related to #1655,Related to #1655  |
| 44   | OsmoSGSN | Bug     | New         | Normal   | TLLI clash possible  | sysmocom | 08/17/2017 06:55 AM |   |
| 2305 | OsmoSGSN | Bug     | New         | Normal   | review 'laforge/santos' branch and check if there are pending fixes      | sysmocom | 05/29/2017 04:37 PM |   |
| 1588 | OsmoSGSN | Feature | New         | Normal   | Inter-RAT hand-over  |          | 02/23/2016 03:46 PM |   |
| 1586 | OsmoSGSN | Feature | New         | Normal   | Implement QoS profile support  |          | 02/23/2016 03:45 PM |   |
| 1545 | OsmoPCU  | Feature | Stalled     | Normal   | continuous timing advance loop using PTCH                                | lynxis   | 10/05/2019 06:21 PM | Related to #1545,Related to #4102,Blocks #1545  |
| 3929 | OsmoPCU  | Bug     | New         | Normal   | Missing PCU_Tests.ttcn link adaptation tests                             | lynxis   | 10/04/2019 08:15 PM | Related to #3929  |
| 2603 | OsmoPCU  | Bug     | New         | Normal   | Review the various incomplete and never merged changes in radisys branch | lynxis   | 09/04/2019 09:15 AM | Related to #1775  |
| 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 #3014 |
| 4019 | OsmoPCU  | Bug     | New         | Normal   | implement a command to show all informations from the bts                |          | 05/23/2019 03:08 PM |   |

| #    | Project  | Tracker | Status  | Priority | Subject  | Assignee | Updated             | Related issues   |
|------|----------|---------|---------|----------|--|----------|---------------------|--|
| 4018 | OsmoPCU  | Bug     | New     | Normal   | investigate ordering of includes paths   |          | 05/23/2019 10:59 AM |  |
| 1543 | OsmoPCU  | Feature | New     | Normal   | link/rate adaption as per spec   | lynxis   | 04/15/2019 07:50 AM | Related to #1543,Related to #1543  |
| 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 |
| 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                  |
| 2455 | OsmoPCU  | Bug     | New     | Normal   | MS will not be able to use data service if we let the MS idle about 30 seconds after PDP context activated     | lynxis   | 04/15/2019 07:49 AM | Related to #3678   |
| 3284 | OsmoPCU  | Bug     | New     | Normal   | GPRS cell re-selection appears sticky in packet transfer / packet idle mode                                    | lynxis   | 04/15/2019 07:49 AM | Related to #2400,Related to #3284  |
| 3499 | OsmoPCU  | Bug     | New     | Normal   | pcu is logging "Allocating DL TBF: MS_CLASS=0/0" ; TLV parsing code commented?                                 | lynxis   | 04/15/2019 07:48 AM | Related to #3499   |
| 3834 | OsmoPCU  | Bug     | New     | Normal   | MS set_mode()/set_current_cs_*( ) inconsistent results   | lynxis   | 04/15/2019 07:48 AM | Related to #3834,Related to #3834,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 |  |
| 3879 | OsmoPCU  | Bug     | New     | Normal   | TC_sns_1c1u_so_bvc_reset has never passed on jenkins   | laforge  | 03/30/2019 11:13 AM |  |
| 3285 | OsmoPCU  | Feature | New     | Normal   | design + implement tools to analyze inter-PCU cell changes   | laforge  | 08/01/2018 11:04 AM | Related to #3284   |
| 2383 | OsmoPCU  | Bug     | New     | Normal   | incompatibility with some SGSNs during P-TMSI allocation   | laforge  | 07/04/2018 12:50 PM |  |
| 1624 | OsmoPCU  | Bug     | New     | Normal   | add CRBB support to write_packet_ack_nack_desc_egprs   | sysmocom | 07/04/2018 12:49 PM |  |
| 1838 | OsmoPCU  | Bug     | Stalled | Normal   | Nokia E52 does not reply to PUAN message properly  |          | 10/29/2017 06:47 PM |  |
| 1549 | OsmoPCU  | Feature | New     | Normal   | DRX support for GPRS   |          | 02/04/2017 08:11 AM |  |
| 1556 | OsmoPCU  | Feature | New     | Normal   | Inter-RAT hand-over  |          | 02/23/2016 03:13 PM |  |
| 1554 | OsmoPCU  | Feature | New     | Normal   | per-MS BSSGP flow control  |          | 02/23/2016 03:12 PM | Related to #1554   |
| 1550 | OsmoPCU  | Bug     | New     | Normal   | Cell reselection under network control   |          | 02/23/2016 03:06 PM |  |
| 1547 | OsmoPCU  | Feature | New     | Normal   | downlink power control on PDTCH  |          | 02/23/2016 03:04 PM |  |
| 1667 | OsmoNITB | Feature | New     | Normal   | Handle callref better  |          | 09/04/2019 09:31 AM | Related to #3294   |
| 3278 | OsmoNITB | Bug     | New     | Normal   | Disconnected ESME socket leaves esme entry in smsc->esme_list  |          | 05/18/2018 12:04 AM |  |

| #    | Project  | Tracker | Status      | Priority | Subject  | Assignee | Updated             | Related issues   |
|------|----------|---------|-------------|----------|--|----------|---------------------|--|
| 2691 | OsmoNITB | Bug     | Feedback    | Normal   | Old TMSI paged after LU  |          | 05/17/2018 11:47 AM |  |
| 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 |  |
| 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 |  |
| 1812 | OsmoNITB | Feature | New         | Normal   | Report gsm0408_dispatch() failures to MS / UE                                      | sysmocom | 03/05/2018 07:34 PM |  |
| 1829 | OsmoNITB | Bug     | New         | Normal   | Fix warnings introduced by ctrl constify   |          | 03/05/2018 07:34 PM |  |
| 1904 | OsmoNITB | Bug     | New         | Normal   | get rid of deprecated functions  |          | 03/05/2018 07:33 PM |  |
| 1955 | OsmoNITB | Bug     | New         | Normal   | Investigate "Bad signalling message" error   |          | 03/05/2018 07:33 PM |  |
| 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 |  |
| 4240 | OsmoMSC  | Bug     | New         | Normal   | test: incoming call when already Paging  |          | 10/21/2019 05:13 PM |  |
| 4191 | OsmoMSC  | Bug     | Stalled     | Normal   | vlr.c:762 Trying to dispatch event 1 to non-existent FSM instance!                 | neels    | 10/01/2019 05:22 AM |  |
| 4196 | OsmoMSC  | Feature | New         | Normal   | CC Setup, Call Confirmed: decode and use the Supported Codec List IE               |          | 09/25/2019 05:27 PM |  |
| 4200 | OsmoMSC  | Feature | In Progress | Normal   | Work around nano3G-S16 requiring RAB ID to be below 16                             | efistokl | 09/14/2019 09:48 AM |  |
| 4167 | OsmoMSC  | Bug     | Feedback    | Normal   | Event VLR_ULA_E_ID_IMEISV not permitted  | osmith   | 09/04/2019 08:13 PM |  |
| 2943 | OsmoMSC  | Bug     | New         | Normal   | Errors in MGCP do not propagate back to MNCC<br>gsm_subscriber_conn state machine  |          | 09/04/2019 09:21 AM |  |
| 3620 | OsmoMSC  | Feature | Stalled     | Normal   | Implement TTCN-3 testsuite for Inter-MSC HO  | neels    | 09/04/2019 09:08 AM |  |
| 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 |
| 4169 | OsmoMSC  | Bug     | In Progress | Normal   | transition to state MSC_A_ST_RELEASING not permitted!                              |          | 09/03/2019 12:23 AM |  |
| 4168 | OsmoMSC  | Bug     | In Progress | Normal   | RAN decode: BSSMAP: BSSMAP data truncated, discarding message                      | neels    | 09/02/2019 11:42 PM |  |
| 4144 | OsmoMSC  | Feature | Stalled     | Normal   | provide config to enable/disable UTRAN encryption                                  |          | 08/13/2019 02:57 PM | Blocks #4144   |
| 4117 | OsmoMSC  | Bug     | New         | Normal   | osmo-msc crash when paging SGs after MME disconnects                               | dexter   | 08/01/2019 09:27 AM |  |
| 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 |  |

| #    | Project | Tracker | Status      | Priority | Subject   | Assignee  | Updated             | Related issues                    |
|------|---------|---------|-------------|----------|---|-----------|---------------------|-----------------------------------|
| 4122 | OsmoMSC | Support | New         | Normal   | Moving to the smpp-config node and getting SMPP messages working                              |           | 07/22/2019 02:07 PM |                                   |
| 2851 | OsmoMSC | Bug     | Stalled     | Normal   | a_iface.c:534 Unhandled SIGTRAN primitive: 3:2  |           | 07/18/2019 05:45 AM |                                   |
| 2877 | OsmoMSC | Bug     | New         | Normal   | OsmoMSC fails on bearer capability without octet 3a   | osmith    | 07/18/2019 05:45 AM |                                   |
| 2846 | OsmoMSC | Bug     | New         | Normal   | MSC doesn't close SCCP/BSSAP connection on CM SERV REQ tht cannot be parsed                   | osmith    | 07/18/2019 05:44 AM |                                   |
| 2895 | OsmoMSC | Bug     | New         | Normal   | OsmoMSC excessively uses LU Reject Cause 22 (congestion)                                      | osmith    | 07/18/2019 05:41 AM |                                   |
| 4115 | OsmoMSC | Bug     | New         | Normal   | osmo-msc fails to compile on openSUSE Tumbleweed (gcc 9.1 with LTO enabled)                   | Hoernchen | 07/18/2019 05:25 AM | Related to #4115,Related to #4123 |
| 3621 | OsmoMSC | Feature | New         | Normal   | TTCN-3 test suite for inter-BSC handover  | neels     | 07/18/2019 05:04 AM | Related to #3621                  |
| 4065 | OsmoMSC | Feature | New         | Normal   | osmo-msc: Support instructing MSC_MGW to use Osmux between 2 endp/call-leg of same voice call | pespin    | 06/19/2019 04:54 PM | Related to #4065                  |
| 3735 | OsmoMSC | Bug     | Stalled     | Normal   | call arriving during another call has no voice  | neels     | 06/18/2019 09:18 PM |                                   |
| 4038 | OsmoMSC | Feature | New         | Normal   | MSC_Tests_lu: BSC_ConnectionHandler.tcn missing handling of RAB-AssignmentRequest             | sysmocom  | 06/03/2019 02:54 PM |                                   |
| 4017 | OsmoMSC | Bug     | New         | Normal   | MSC fails to handle calls   |           | 05/29/2019 04:56 PM |                                   |
| 3992 | OsmoMSC | Bug     | New         | Normal   | inter-MSC handover for signalling-only?   |           | 05/09/2019 11:39 AM |                                   |
| 3069 | OsmoMSC | Feature | New         | Normal   | investigate multiple CM Service Request on the same conn                                      | neels     | 05/09/2019 12:30 AM | Is duplicate of #3069             |
| 3880 | OsmoMSC | Bug     | New         | Normal   | GSUP MT-ForwardSM Message Reference - wrong value in a response                               |           | 04/01/2019 07:47 AM |                                   |
| 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             |
| 3829 | OsmoMSC | Bug     | New         | Normal   | osmo-msc expects aoip TLV in Assignement Complete messages from BSC                           |           | 03/07/2019 08:30 PM |                                   |
| 3743 | OsmoMSC | Bug     | In Progress | Normal   | subscriber re-assoc crashes osmo-msc  |           | 12/29/2018 01:14 AM | Is duplicate of #3742             |
| 3738 | OsmoMSC | Feature | New         | Normal   | Clarify PS-part of struct vlr_subscr  |           | 12/19/2018 12:34 PM |                                   |
| 3445 | OsmoMSC | Feature | Stalled     | Normal   | SS/USSD: clean up the local GSM 04.80 API   |           | 12/14/2018 01:57 PM |                                   |
| 3687 | OsmoMSC | Feature | New         | Normal   | Expand "show bsc" command   |           | 11/11/2018 09:50 PM |                                   |
| 3636 | OsmoMSC | Feature | New         | Normal   | detailed call statistics (with rate counters)   | osmith    | 10/08/2018 11:14 AM | Related to #3636                  |
| 3110 | OsmoMSC | Bug     | New         | Normal   | Test and possibly fix ID Request after Auth failure   | neels     | 09/30/2018 11:36 AM |                                   |
| 2883 | OsmoMSC | Bug     | New         | Normal   | GSUP encoding of MSISDN is wrong  | sysmocom  | 08/08/2018 11:03 AM |                                   |
| 41   | OsmoMSC | Bug     | New         | Normal   | Numbering Plan in OsmoMSC   |           | 06/23/2018 07:37 PM |                                   |
| 2795 | OsmoMSC | Feature | New         | Normal   | Handle UTRAN_CLSM_CHG in MSC  | neels     | 04/30/2018 12:06 PM | Related to #3043                  |

| #    | Project | Tracker | Status      | Priority | Subject   | Assignee | Updated             | Related issues                                     |
|------|---------|---------|-------------|----------|---|----------|---------------------|--|
| 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                              |
| 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 |  |
| 2916 | OsmoMSC | Bug     | New         | Normal   | asan failure on debian unstable in msc_vlr_test_gsm_ciph                                |          | 02/09/2018 04:20 PM |  |
| 2788 | OsmoMSC | Feature | New         | Normal   | OsmoMSC should handle CM Service Abort message  | neels    | 01/04/2018 10:37 AM |  |
| 2191 | OsmoMSC | Feature | New         | Normal   | raw PDU mode for SMPP   |          | 12/23/2017 05:48 PM |  |
| 2390 | OsmoMSC | Feature | New         | Normal   | re-add osmocom specific TLVs to SMPP messages   |          | 12/23/2017 05:48 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 |
| 3849 | OsmoMGW | Bug     | New         | Normal   | race condition problem in rtp flow tests of the ttcn3 testsuite                         |          | 09/04/2019 09:26 AM |  |
| 3442 | OsmoMGW | Bug     | New         | Normal   | fix int mgcp_codec_decide() in mgcp_codec.c   |          | 09/04/2019 09:26 AM |  |
| 4153 | OsmoMGW | Bug     | New         | Normal   | 3G voice broken with ALu 9361 femto   |          | 08/16/2019 10:45 AM |  |
| 4092 | OsmoMGW | Feature | New         | Normal   | Osmux: Support dynamic allocation of osmux sockets                                      | pespin   | 07/05/2019 05:15 PM | Related to #4092                                   |
| 4079 | OsmoMGW | Support | Feedback    | Normal   | Create Endpoint   | Osmocorn | 07/01/2019 02:27 PM |  |
| 4034 | OsmoMGW | Bug     | New         | Normal   | Bad default value for number of endpoints   |          | 05/31/2019 02:52 PM |  |
| 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                                   |
| 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                                   |
| 3980 | OsmoMGW | Bug     | New         | Normal   | Clear Command before CRCX OK may leak MGW endpoint                                      |          | 05/06/2019 10:11 PM |  |
| 3731 | OsmoMGW | Bug     | New         | Normal   | TTCN3 TC_rtpem_selftest randomly fails  | daniel   | 12/13/2018 12:37 PM |  |
| 1937 | OsmoMGW | Feature | New         | Normal   | Implement way how to handle luUP on RTP endpoints                                       | laforge  | 10/17/2018 10:14 AM | Related to #3411,Precedes #2459,Precedes #1937     |
| 1936 | OsmoMGW | Feature | Stalled     | Normal   | Implementation of luUP SMpSDU mode  | laforge  | 10/17/2018 10:14 AM | Precedes #1937                                     |
| 3511 | OsmoMGW | Bug     | In Progress | Normal   | osmo-mgw does not forward RTP packets anymore   |          | 08/29/2018 04:33 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                                   |
| 3443 | OsmoMGW | Bug     | New         | Normal   | Check audio-payload options in osmo-mgw VTY   |          | 08/02/2018 03:59 PM |  |
| 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                    |
| 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 |  |

| #    | 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                       |
| 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   |
| 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   |
| 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   |
| 2588 | OsmoHNBGW     | Bug     | New         | Normal   | OsmoHNBGW has no user manual   | daniel          | 03/16/2018 07:54 PM | Related to #2588   |
| 1997 | OsmoHNBGW     | Feature | New         | Normal   | Improve error check at compilation time  |                 | 04/10/2017 11:12 AM |  |
| 4163 | OsmoHLR       | Bug     | New         | Normal   | Subscriber on demand: "Error while deleting subscriber data for IMSI" after changing network access mode from cs+ps back to none | osmith          | 08/22/2019 01:41 PM |  |
| 2542 | OsmoHLR       | Feature | In Progress | Normal   | have subscriber create-on-demand   | osmith          | 07/15/2019 07:24 AM | Related to #2541   |
| 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  |
| 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      |
| 2497 | OsmoGSMTester | Support | Stalled     | Normal   | Set up SIM cards with auth algo other than comp128v1   | daniel          | 10/15/2019 11:44 AM | Related to #2475   |
| 2860 | OsmoGSMTester | Feature | New         | Normal   | osmo-gsm-tester: Add 3g support with nano3G board  | pespin          | 09/20/2019 11:41 AM | Related to #2860   |
| 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   |
| 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 |
| 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   |
| 3917 | OsmoGSMTester | Bug     | New         | Normal   | update debian packages to match our dependencies   | lynxis          | 04/11/2019 04:12 PM |  |
| 3902 | OsmoGSMTester | Support | New         | Normal   | osmo-ci: ansible: gsm-tster: Drop local copy of osmo-gsm-tester shell helpers and install them from osmo-gsm-tester.git master   | lynxis          | 04/04/2019 02:59 PM |  |
| 3740 | OsmoGSMTester | Bug     | New         | Normal   | Figure out best fix for iperf3m4.py where some MS fails to register  | pespin          | 12/20/2018 05:50 PM |  |
| 3676 | OsmoGSMTester | Bug     | New         | Normal   | ofono: org.ofono.ConnectionManager property Bearer returning "none"  | osmo-gsm-tester | 10/29/2018 01:11 PM |  |



| #    | Project       | Tracker | Status      | Priority | Subject   | Assignee        | Updated             | Related issues                                 |
|------|---------------|---------|-------------|----------|---|-----------------|---------------------|--|
| 3564 | OsmoGSMTester | Feature | New         | Normal   | Investigate ofono and modems Cell Broadcast support   | lynxis          | 09/29/2018 08:57 AM | Related to #3564                               |
| 3324 | OsmoGSMTester | Bug     | New         | Normal   | production setup: EC20 fails to enumerate   | lynxis          | 06/23/2018 06:55 PM |  |
| 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 |
| 3320 | OsmoGSMTester | Bug     | New         | Normal   | add a README about the python dependencies  | pespin          | 06/06/2018 08:38 AM |  |
| 2861 | OsmoGSMTester | Feature | New         | Normal   | osmo-gsm-tester: Add 3g support for systmocell-5k   | osmo-gsm-tester | 05/30/2018 02:58 PM | Related to #2860                               |
| 3234 | OsmoGSMTester | Feature | New         | Normal   | osmo-gsm-tester: poll the python-smplib socket using non-busy approach                      | pespin          | 05/04/2018 12:22 PM | Related to #2512                               |
| 2646 | OsmoGSMTester | Feature | New         | Normal   | osmo-gsm-tester: Add osmo-sip-connector support   | osmo-gsm-tester | 04/23/2018 10:40 AM |  |
| 2463 | OsmoGSMTester | Bug     | New         | Normal   | Add doc on dependencies needed for the jenkins slave running osmo-gsm-tester-gerrit job     | pespin          | 04/10/2018 02:08 PM | Related to #2463,Related to #2463              |
| 3068 | OsmoGSMTester | Bug     | New         | Normal   | resource objects leaked or destroyed too late   | pespin          | 03/15/2018 06:36 PM |  |
| 3046 | OsmoGSMTester | Bug     | New         | Normal   | ofono: SierraW modem fails to power on  | lynxis          | 03/09/2018 10:58 AM |  |
| 2941 | OsmoGSMTester | Bug     | New         | Normal   | ofono: SierraW sometimes crashing while deactivating a context.                             | lynxis          | 02/13/2018 04:16 PM |  |
| 2662 | OsmoGSMTester | Bug     | New         | Normal   | osmo-gsm-tester: Test voice:trx-systmocell5000 sometimes fails since update to use osmo-mgw | osmo-gsm-tester | 01/22/2018 10:42 AM |  |
| 2238 | OsmoGSMTester | Bug     | In Progress | Normal   | ofono: Gobi modem: cannot receive SMS   | lynxis          | 01/04/2018 11:07 AM | Related to #2238                               |
| 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                  |
| 2230 | OsmoGSMTester | Feature | New         | Normal   | osmo-gsm-tester: arfcn as resource  | osmo-gsm-tester | 12/14/2017 04:08 PM | Related to #2230                               |
| 2713 | OsmoGSMTester | Bug     | New         | Normal   | ofono: chosen pdp type (v4, v6, dual) not strictly followed in ofono qmi                    | lynxis          | 12/07/2017 01:25 PM | Related to #2713                               |
| 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 |  |
| 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         |
| 2189 | OsmoGSMTester | Bug     | New         | Normal   | ofono: EC20: cannot send SMS  | lynxis          | 11/28/2017 04:21 PM |  |
| 2621 | OsmoGSMTester | Bug     | New         | Normal   | Gobi2000: might stopped working because all CID got assigned                                | lynxis          | 11/15/2017 11:07 AM |  |
| 2615 | OsmoGSMTester | Bug     | New         | Normal   | Add API to check GPS lock in BTS  | osmo-gsm-tester | 11/03/2017 05:00 PM |  |
| 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 |  |
| 2511 | OsmoGSMTester | Bug     | New         | Normal   | ofono: check all services for simple use before register race condition                     | lynxis          | 10/10/2017 09:15 AM | Related to #2456,Related to #2458              |
| 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 |  |

| #    | Project                    | Tracker | Status   | Priority | Subject  | Assignee        | Updated             | Related issues                                 |
|------|----------------------------|---------|----------|----------|--|-----------------|---------------------|--|
| 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 |  |
| 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 |  |
| 2399 | OsmoGSMTester              | Feature | New      | Normal   | add tests for graceful restart of individual components                            | osmo-gsm-tester | 07/25/2017 12:02 AM |  |
| 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 |  |
| 2314 | OsmoGSMTester              | Feature | New      | Normal   | osmo-gsm-tester: add test case: smpp: correct ESME routing                         | osmo-gsm-tester | 05/31/2017 04:29 PM |  |
| 2313 | OsmoGSMTester              | Feature | New      | Normal   | osmo-gsm-tester: add test case: smpp: imsi extension                               | osmo-gsm-tester | 05/31/2017 04:27 PM |  |
| 2311 | OsmoGSMTester              | Feature | New      | Normal   | osmo-gsm-tester: add test case: smpp: smpp_first feature                           | osmo-gsm-tester | 05/31/2017 04:21 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 |  |
| 4154 | OsmoGGSN (former OpenGGSN) | Bug     | Feedback | Normal   | Duplicated PDP context entries   | keith           | 09/02/2019 10:58 AM | Related to #4161,Related to #4165              |
| 4172 | OsmoGGSN (former OpenGGSN) | Bug     | New      | Normal   | osmoggsn crashes when stopping   |                 | 08/29/2019 11:35 AM |  |
| 4161 | OsmoGGSN (former OpenGGSN) | Bug     | New      | Normal   | Implement pdp idle timer   | pespin          | 08/20/2019 06:30 PM | Related to #4161                               |
| 4114 | OsmoGGSN (former OpenGGSN) | Bug     | New      | Normal   | osmo-ggsn fails to compile on openSUSE Tumbleweed (gcc 9.1 with LTO enabled)       | Hoernchen       | 07/18/2019 05:24 AM | Related to #4114,Related to #4123              |
| 4033 | OsmoGGSN (former OpenGGSN) | Feature | New      | Normal   | ttcn3-ggsn-test: Add tests to verify secondary pdp context management              |                 | 05/30/2019 03:19 PM |  |
| 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                               |
| 2946 | OsmoGGSN (former OpenGGSN) | Feature | New      | Normal   | Add test suite for sgsnemu   | pespin          | 05/30/2018 02:18 PM |  |
| 1896 | OsmoGGSN (former OpenGGSN) | Bug     | New      | Normal   | ggsn unable to set tun interface on FreeBSD v11                                    |                 | 12/23/2016 03:36 AM |  |
| 2704 | OsmocomBB                  | Support | Feedback | Normal   | set up FCDEV1B board so it can be remotely accessed remotely                       | roh             | 10/22/2019 02:58 PM | Related to #3581,Related to #3582              |
| 2555 | OsmocomBB                  | Feature | Stalled  | Normal   | script interface to OsmocomBB "mobile"   |                 | 09/04/2019 02:54 PM | Related to #2555,Related to #2555,Blocks #2893 |
| 2379 | OsmocomBB                  | Feature | New      | Normal   | package as .deb  | fixeria         | 07/18/2019 05:43 AM |  |
| 3554 | OsmocomBB                  | Bug     | New      | Normal   | trxcon/scheduler: misaligned burst reception                                       | fixeria         | 06/21/2019 11:56 AM |  |
| 3557 | OsmocomBB                  | Bug     | New      | Normal   | trxcon: decoding errors after applying a new TCH mode                              | fixeria         | 06/21/2019 11:56 AM |  |
| 3666 | OsmocomBB                  | Feature | New      | Normal   | Introduce VTY interface  | fixeria         | 06/21/2019 11:56 AM | Related to #3667                               |

| #    | Project             | Tracker | Status      | Priority | Subject   | Assignee  | Updated             | Related issues  |
|------|---------------------|---------|-------------|----------|---|-----------|---------------------|---|
| 3761 | OsmocomBB           | Feature | New         | Normal   | Separate TDMA scheduler into a library (libtdmasched)                                     | fixeria   | 06/21/2019 11:56 AM |   |
| 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 |
| 3669 | OsmocomBB           | Bug     | New         | Normal   | empty IMSI in vty   |           | 10/24/2018 04:15 PM |   |
| 2378 | OsmocomBB           | Feature | New         | Normal   | Remove copy-pasted libosmocore ("git subtree") from osmocom-bb.git                        |           | 10/24/2018 02:13 PM |   |
| 3653 | OsmocomBB           | Bug     | New         | Normal   | FACCH/H sometimes not received by BTS with osmocomBB+motorolaCXX                          |           | 10/22/2018 02:37 PM |   |
| 3652 | OsmocomBB           | Bug     | New         | Normal   | Incorrect IMEISV setting in mobile application  |           | 10/12/2018 08:20 PM |   |
| 3400 | OsmocomBB           | Feature | Stalled     | Normal   | mobile: implement GAPK based audio capture / playback (via ALSA)                          | fixeria   | 10/04/2018 09:11 PM | Blocks #3400  |
| 3629 | OsmocomBB           | Bug     | New         | Normal   | mobile aborting after 'test re-selection 1' on vty  |           | 10/04/2018 02:58 PM |   |
| 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 |   |
| 3397 | OsmocomBB           | Feature | New         | Normal   | target/firmware: get rid of libosmocodec dependency                                       | fixeria   | 07/16/2018 08:22 PM |   |
| 2995 | OsmocomBB           | Bug     | New         | Normal   | Wrong parsing of PAGING TYPE 3  |           | 02/24/2018 11:03 PM | Related to #2994  |
| 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 |   |
| 2694 | OsmocomBB           | Bug     | New         | Normal   | SIGSEGV in lapdm code   |           | 11/30/2017 08:45 AM |   |
| 2690 | OsmocomBB           | Bug     | New         | Normal   | ASAN issue on shutdown/no shutdown SYSINFO access   |           | 11/29/2017 09:33 AM |   |
| 1916 | OsmocomBB           | Bug     | New         | Normal   | building GNU ARM toolchain with gcc-4.8 fails on modern texinfo                           |           | 10/16/2017 02:14 PM |   |
| 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 |   |
| 1990 | OsmocomBB           | Bug     | Feedback    | Normal   | bb nand flash   | yangkkokk | 07/10/2017 10:22 PM |   |
| 4243 | Osmocom.org Servers | Bug     | New         | Normal   | master-simtrace2 failed to build from October 19 onwards: \$WORKSPACE environment missing | osmith    | 10/30/2019 08:29 AM |   |
| 4083 | Osmocom.org Servers | Bug     | New         | Normal   | git.osmocom.org: error: garbage at end of loose object                                    | sysmocom  | 10/21/2019 12:15 PM |   |
| 3736 | Osmocom.org Servers | Bug     | In Progress | Normal   | sporadic segmentation faults on jenkins build slave                                       |           | 12/16/2018 04:08 PM |   |
| 3307 | Osmocom.org Servers | Feature | In Progress | Normal   | migrate mail.osmocom.org / lists.osmocom.org to container on host2                        | laforge   | 10/07/2018 01:35 PM | Related to #3305  |
| 3631 | Osmocom.org Servers | Feature | In Progress | Normal   | migrate/upgrade openmoko.org mediawiki to osmocom-host2                                   | laforge   | 10/07/2018 09:29 AM |   |
| 3308 | Osmocom.org Servers | Bug     | New         | Normal   | jenkins: master-asn1c build: "error: 'param' undeclared"                                  |           | 08/20/2018 04:09 PM |   |
| 3471 | Osmocom.org Servers | Bug     | New         | Normal   | host2.osmocom.org not starting all services on reboot.                                    | laforge   | 08/18/2018 01:50 PM |   |
| 3354 | Osmocom.org Servers | Bug     | New         | Normal   | Gerrit: wrong redirect URL after signing in   |           | 06/18/2018 09:20 PM |   |

| #    | Project  | Tracker | Status      | Priority | Subject  | Assignee   | Updated             | Related issues   |
|------|--|---------|-------------|----------|--|------------|---------------------|--|
| 3083 | Osmocom.org Servers                              | Feature | New         | Normal   | migrate trac to new server?  | laforge    | 06/13/2018 09:55 AM |  |
| 3322 | Osmocom.org Servers                              | Feature | New         | Normal   | Header image needed for our OpenCollective site                              | tsaitgaist | 06/06/2018 08:30 PM |  |
| 3076 | Osmocom.org Servers                              | Feature | Stalled     | Normal   | migrate to new (2018-03) server "host2.osmocom.org"                          | laforge    | 05/29/2018 11:24 PM |  |
| 2015 | Osmocom.org Servers                              | Bug     | Stalled     | Normal   | redmine/gerrit authentication expires too often/frequently                   | zecke      | 03/27/2018 01:44 PM |  |
| 3071 | Osmocom.org Servers                              | Bug     | New         | Normal   | docker-in-lxc setup results in high lxcfs CPU load                           | laforge    | 03/17/2018 12:24 PM |  |
| 2945 | Osmocom.org Servers                              | Feature | New         | Normal   | Use "--config-cache" configure option to speed up builds                     | zecke      | 02/14/2018 09:50 PM |  |
| 2681 | Osmocom.org Servers                              | Bug     | New         | Normal   | bogus user accounts + spam   |            | 11/23/2017 06:59 PM |  |
| 2492 | Osmocom.org Servers                              | Bug     | Stalled     | Normal   | build-2 has early/buggy Ryzen 7 core   | laforge    | 09/06/2017 09:42 AM |  |
| 1984 | Osmocom.org Servers                              | Feature | New         | Normal   | make list archives more readable/accessible                                  |            | 03/15/2017 11:20 AM |  |
| 1673 | Osmocom.org Servers                              | Feature | New         | Normal   | Make the old trac sqlite3 pages available                                    | zecke      | 03/25/2016 12:34 PM |  |
| 3201 | Osmocom Conferences<br>(OsmoDevCon +<br>OsmoCon) | Bug     | New         | Normal   | OsmoDevCon: Add one more rectangular table                                   |            | 04/23/2018 07:00 PM |  |
| 3200 | Osmocom Conferences<br>(OsmoDevCon +<br>OsmoCon) | Bug     | New         | Normal   | OsmoDevCon: Use loudspeakers even at IN-Berlin                               |            | 04/23/2018 06:53 PM |  |
| 2292 | Osmocom Conferences<br>(OsmoDevCon +<br>OsmoCon) | Bug     | New         | Normal   | Time with community users during OsmoCon                                     |            | 05/25/2017 03:03 PM |  |
| 2179 | Osmocom Conferences<br>(OsmoDevCon +<br>OsmoCon) | Bug     | New         | Normal   | no sign about OsmoCon outside of venue                                       |            | 04/24/2017 07:10 PM |  |
| 3672 | Osmocom Analog                                   | Feature | New         | Normal   | Custom announcement and tones  |            | 10/25/2018 05:10 PM |  |
| 4082 | OsmoBTS  | Bug     | New         | Normal   | OML: Unknown/unhandled PCHAN type: 0 NONE                                    |            | 11/18/2019 10:09 AM |  |
| 4023 | OsmoBTS  | Bug     | Stalled     | Normal   | Missing coverage of PCU interface in osmo-bts                                |            | 11/18/2019 08:24 AM | Related to #4023   |
| 2975 | OsmoBTS  | Bug     | Stalled     | Normal   | OsmoBTS doesn't generate measurement indications in absence of uplink bursts | dexter     | 11/17/2019 03:41 PM | Related to #2965, Related to #2975, Related to #2975, Related to #2977, Related to #3665, Blocks #2975   |
| 3750 | OsmoBTS  | Feature | In Progress | Normal   | Extension of BTS_Tests.tcn test coverage                                     | Hoernchen  | 11/16/2019 07:49 PM | Related to #4008, Related to #4009, Related to #4011, Related to #3750, Related to #4023, Related to #4031, Related to #4035, Related to #3750 |

| #    | Project | Tracker | Status      | Priority | Subject  | Assignee  | Updated             | Related issues   |
|------|---------|---------|-------------|----------|--|-----------|---------------------|--|
| 1851 | OsmoBTS | Feature | In Progress | Normal   | generalize power control and TA loop code  | pespin    | 11/14/2019 04:55 PM | Related to #1851,Related to #1851,Related to #1851,Related to #4213,Related to #4244                                   |
| 2977 | OsmoBTS | Feature | In Progress | Normal   | OsmoBTS measurement processing at L1SAP too complex / pass measurements along with data            | dexter    | 11/11/2019 01:27 PM | Related to #2977,Related to #2977,Related to #3530,Related to #3428,Related to #3395,Related to #2977,Related to #3803 |
| 4179 | OsmoBTS | Bug     | New         | Normal   | Race condition: OsmoBTS sends empty INFO_ind to PCU socket, if not all SI arrived from BSC via RSL | osmith    | 09/04/2019 09:29 AM | Related to #4179,Related to #4179  |
| 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  |
| 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  |
| 3792 | OsmoBTS | Bug     | New         | Normal   | OsmoBTS doesn't include the "Starting Time" attribute in "Set BTS Attributes ACK"                  | osmith    | 07/18/2019 06:05 AM |  |
| 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  |
| 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  |
| 3780 | OsmoBTS | Bug     | New         | Normal   | existing test suite doesn't catch wrong measurement processing                                     | Hoernchen | 07/12/2019 04:27 PM |  |
| 3510 | OsmoBTS | Bug     | New         | Normal   | Make sure the ECU (Error Concealment Unit) is working correctly                                    | tnt       | 05/15/2019 03:48 PM |  |
| 1979 | OsmoBTS | Bug     | New         | Normal   | Priority of SAPI=0/SAPI=3 on SABM  | sysmocom  | 05/08/2019 06:12 PM |  |
| 3572 | OsmoBTS | Bug     | New         | Normal   | Incorrect TDMA frame number calculation on TCH channels  | sysmocom  | 05/08/2019 06:08 PM | Related to #3803   |
| 3782 | OsmoBTS | Bug     | New         | Normal   | OML bringup fails for osmo-bts-oc2g on high latency links  | dexter    | 03/26/2019 08:26 AM | Related to #3782,Related to #3782,Related to #3789,Related to #4031  |
| 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                                     |
|------|------------|---------|-------------|----------|---|----------|---------------------|--|
| 3569 | OsmoBTS    | Bug     | Stalled     | Normal   | Some phones don't receive SMSCB   | laforge  | 01/14/2019 03:32 PM |  |
| 3703 | OsmoBTS    | Bug     | New         | Normal   | sporadic failures of TC_tch_sign_l2_fill_frame test case  |          | 11/22/2018 02:58 PM |  |
| 3665 | OsmoBTS    | Bug     | Stalled     | Normal   | TTCN3 BTS_Tests last SACCH burst received too late -> wrong fake uplink measurement report              | pespin   | 10/25/2018 09:35 AM | Related to #3665,Related to #3665,Related to #3665 |
| 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                                   |
| 3478 | OsmoBTS    | Bug     | New         | Normal   | struct member lchan->meas.bts_tx_pwr is never set   | dexter   | 08/20/2018 09:51 AM |  |
| 3299 | OsmoBTS    | Bug     | Stalled     | Normal   | osmo_ortp: scheduler is not started   | dexter   | 06/25/2018 08:02 PM |  |
| 3329 | OsmoBTS    | Feature | New         | Normal   | osmo-bts: Implement IMMEDIATE ASSIGNMENT EXTENDED   | sysmocom | 06/08/2018 12:02 PM | Related to #3330                                   |
| 2906 | OsmoBTS    | Bug     | New         | Normal   | gsm_pchan2chan_nr asserts GSM_PCHAN_CCCH: lchan_nr == 0   | pespin   | 04/04/2018 08:43 AM |  |
| 3036 | OsmoBTS    | Feature | New         | Normal   | update vty reference -- and make it so that it can be done without manual edits                         | neels    | 03/19/2018 12:11 AM |  |
| 3052 | OsmoBTS    | Bug     | Stalled     | Normal   | osmo-bts-sysmo fails to detect RACH bursts from osmocom-bb  | laforge  | 03/14/2018 05:42 AM |  |
| 1852 | OsmoBTS    | Feature | New         | Normal   | DTX support for osmo-bts-trx  |          | 02/08/2017 04:09 PM | Is duplicate of #1750                              |
| 1577 | OsmoBTS    | Bug     | New         | Normal   | mph_send_config_logchpar doesn't update encryption config   |          | 02/23/2016 03:39 PM |  |
| 4124 | OsmoBSCNAT | Feature | New         | Normal   | OsmoBSCNAT : Write user manual  | sysmocom | 07/22/2019 09:02 AM | Related to #4124                                   |
| 4244 | OsmoBSC    | Bug     | Feedback    | Normal   | Take MS power class into account to calculate appropriate MS Power level                                | pespin   | 11/12/2019 04:59 PM | Related to #4244,Related to #4244                  |
| 4264 | OsmoBSC    | Bug     | New         | Normal   | BSC_Tests.TC_ho_neighbor_config_1 test failures   | neels    | 11/12/2019 10:48 AM |  |
| 4193 | OsmoBSC    | Bug     | New         | Normal   | osmux reference pdf has auto-generated plot not displayed in pdf  | pespin   | 10/16/2019 01:05 PM |  |
| 4199 | OsmoBSC    | Bug     | New         | Normal   | osmo-bsc.cfg: if 'amr tch-[fh] modes' are not in order, the config is ignored and osmo-bsc still starts |          | 09/12/2019 12:52 AM |  |
| 3806 | OsmoBSC    | Bug     | In Progress | Normal   | OsmoBSC accepts BSSAP with wrong length field   |          | 09/04/2019 09:26 AM | Related to #3806                                   |
| 3682 | OsmoBSC    | Feature | New         | Normal   | Intra-domain connection of OsmoBSC to multiple MSCs   |          | 09/04/2019 09:01 AM |  |
| 4166 | OsmoBSC    | Bug     | New         | Normal   | BORKEN Error / broken lchan / WAIT_ACTIV_ACK: Timeout   |          | 08/22/2019 11:30 AM |  |
| 3833 | OsmoBSC    | Bug     | Feedback    | Normal   | Fix storage location of AMR S15-S0 bits   | dexter   | 07/29/2019 02:02 PM |  |
| 3975 | OsmoBSC    | Bug     | New         | Normal   | osmo-bsc crash during startup with nokia insite   | laforge  | 07/18/2019 06:00 AM | Related to #3975                                   |
| 3190 | OsmoBSC    | Bug     | New         | Normal   | RSL DELETE INDication not implemented   | osmith   | 07/18/2019 05:42 AM |  |
| 2781 | OsmoBSC    | Feature | New         | Normal   | Extend OsmBSC TTCN-3 test coverage regarding resource leaks   |          | 07/18/2019 05:04 AM | Related to #2781                                   |
| 3865 | OsmoBSC    | Bug     | New         | Normal   | nanoBTS: GPRS not working anymore, modems unable to attach in osmo-gsm-tester                           | osmith   | 07/18/2019 05:03 AM | Is duplicate of #3865                              |
| 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 |  |

| #    | Project | Tracker | Status      | Priority | Subject   | Assignee  | Updated             | Related issues                                 |
|------|---------|---------|-------------|----------|---|-----------|---------------------|--|
| 4070 | OsmoBSC | Bug     | New         | Normal   | Implement IPA PING/PONG mechanism on RSL and OML  | Hoernchen | 06/21/2019 02:47 PM |  |
| 2918 | OsmoBSC | Feature | New         | Normal   | Implement a function to properly test connection clearing in MSC_ConnectionHandler.ttcn (BSC-Tests)     | Hoernchen | 06/19/2019 08:35 AM |  |
| 3656 | OsmoBSC | Feature | New         | Normal   | inter-BSC handover outgoing: compose Cell Identifier List from several ARFCN+BSIC                       | neels     | 06/10/2019 10:07 PM | Related to #3656                               |
| 3020 | OsmoBSC | Bug     | New         | Normal   | OsmoBSC PCU socket interface not yet tested by BSC_Tests.ttcn   | laforge   | 05/21/2019 06:29 PM |  |
| 4002 | OsmoBSC | Bug     | In Progress | Normal   | AMR defaults to bandwidth-efficient mode  | laforge   | 05/15/2019 12:59 PM | Related to #4002,Related to #4002              |
| 2389 | OsmoBSC | Feature | New         | Normal   | re-add siemens MRPCI message, dropped during MSCSPLIT   | laforge   | 05/08/2019 05:45 PM | Related to #2257,Related to #2548              |
| 3976 | OsmoBSC | Bug     | New         | Normal   | osmo-bsc: heap-use-after-free upon MGW CRCX failure response  | neels     | 05/06/2019 11:03 AM |  |
| 3872 | OsmoBSC | Feature | New         | Normal   | osmo_scu_prim.conn_id should be picked from a distinct number space for outgoing and incoming N-CONNECT | osmith    | 03/28/2019 08:06 PM | Blocks #3872                                   |
| 3814 | OsmoBSC | Bug     | New         | Normal   | MS Power Control Problem with Osmo-BSC and nanoBTS  |           | 02/24/2019 01:15 AM |  |
| 3586 | OsmoBSC | Feature | New         | Normal   | support LCLS for inter-BSC handover   | neels     | 01/17/2019 04:18 PM | Related to #3586,Related to #3659              |
| 3744 | OsmoBSC | Bug     | New         | Normal   | include/osmocomb/bsc/gsm_data.h: OSMO_ASSERT(conn->lchan); failed in conn_get_bts()                     |           | 12/30/2018 10:39 AM |  |
| 3739 | OsmoBSC | Feature | New         | Normal   | on osmo-bsc startup, sanity check codec-, pchan-types and AMR rates configuration                       |           | 12/20/2018 01:31 AM |  |
| 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              |
| 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 |  |
| 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 |  |
| 3483 | OsmoBSC | Feature | New         | Normal   | handover decision: if rxlev is ok but rxqual is bad, move from TCH/H to TCH/F                           | neels     | 10/16/2018 01:53 PM | Related to #3483                               |
| 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              |
| 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              |
| 3002 | OsmoBSC | Bug     | New         | Normal   | HO2: handover decision for dynamic timeslots  | neels     | 10/16/2018 01:15 PM | Related to #1606,Related to #1608,Blocks #3002 |

| #    | Project | Tracker | Status      | Priority | Subject   | Assignee | Updated             | Related issues                    |
|------|---------|---------|-------------|----------|---|----------|---------------------|-----------------------------------|
| 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                  |
| 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 |
| 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                  |
| 3505 | OsmoBSC | Feature | New         | Normal   | ttn3: test inter-BSC HO with encryption enabled   | neels    | 08/28/2018 06:38 PM | Related to #3505                  |

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