

## 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 |  |
| 4097 | osmo-remsim                           | Bug     | Feedback    | Urgent   | osmo-remsim-bankd leaking memory   | roh        | 09/18/2019 06:25 PM | Related to #4097, Related to #4119   |
| 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                       |
| 3889 | osmo-remsim                           | Bug     | In Progress | Urgent   | adjust TTCN3 remsim testsuite to latest code                                     | laforge    | 05/08/2019 03:30 PM |  |
| 3883 | osmo-remsim                           | Bug     | New         | Urgent   | osmo-remsim user manual lacks examples   | laforge    | 07/16/2019 02:43 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 |  |
| 3819 | gr-osmosdr                            | Support | New         | Urgent   | OSMO SDR blocks for GNUradio   |            | 02/28/2019 06:00 PM |  |
| 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 |  |
| 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   |
| 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   |
| 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                   |

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| 4248 | libosmo-abis                    | Bug     | In Progress | High     | debian nightly packages without dahdi support  | laforge   | 11/11/2019 04:15 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  |
| 4227 | Cellular Network Infrastructure | Bug     | In Progress | High     | all package builds for Debian testing and unstable fail  | laforge   | 10/15/2019 11:42 AM |  |
| 4222 | OsmoSGSN                        | Bug     | New         | High     | Implement PS Paging for the Routing Areas  |           | 10/08/2019 04:30 PM |  |
| 4213 | OsmoBTS                         | Support | Feedback    | High     | ms-power-control   | pespin    | 11/05/2019 01:42 PM | Related to #4213,Related to #4244  |
| 4182 | OsmoTRX                         | Bug     | Feedback    | High     | osmo-trx build failures on obs   | pespin    | 10/01/2019 02:19 PM |  |
| 4113 | OsmoBSC                         | Bug     | New         | High     | osmo-bsc fails to compile on openSUSE Tumbleweed (gcc 9.1 with LTO enabled)  | Hoernchen | 07/19/2019 09:36 PM | Related to #4114,Related to #4115,Related to #4113,Related to #4116,Related to #4123 |
| 4095 | libosmocore                     | Bug     | New         | High     | osmo_get_rand_id() can fail under debian jessie  | osmith    | 07/18/2019 05:50 AM |  |
| 4021 | osmo-remsim                     | Support | New         | High     | long-term end-to-end osmo-remsim test setup  | roh       | 10/18/2019 02:51 PM |  |
| 3979 | OsmoCBC                         | Bug     | In Progress | High     | TTCN3 SABP support   | laforge   | 09/23/2019 04:45 AM | Related to #3979,Related to #3979  |
| 3978 | OsmoCBC                         | Bug     | In Progress | High     | SABP encoding/decoding routines  | laforge   | 09/23/2019 04:46 AM |  |
| 3977 | OsmoCBC                         | Feature | New         | High     | SABP stream delineation routines   | laforge   | 09/23/2019 04:49 AM | Related to #3979   |
| 3928 | OsmoPCU                         | Bug     | In Progress | High     | Missing PCU_Tests.ttcn for various timers / time-outs  | pespin    | 10/07/2019 09:47 AM |  |
| 3927 | OsmoPCU                         | Bug     | Stalled     | High     | Missing PCU_Tests.ttcn Paging tests  | osmith    | 10/14/2019 07:11 AM |  |
| 3926 | OsmoPCU                         | Bug     | New         | High     | Missing PCU_Tests.ttcn DL TBF tests  | lynxis    | 04/15/2019 07:55 AM |  |
| 3925 | OsmoPCU                         | Bug     | New         | High     | Missing PCU_Tests.ttcn UL TBF tests  | osmith    | 09/05/2019 05:08 PM | Related to #3925,Related to #4180  |
| 3871 | libosmo-sccp + libosmo-sigtran  | Bug     | Stalled     | High     | osmo_scu_prim conn_id should be scoped per-user and direction, and should not correlate with the local-reference spoken on the SCCP wire | osmith    | 07/18/2019 09:33 AM | Related to #3871,Related to #3871,Blocks #3872                                       |
| 3794 | Cellular Network Infrastructure | Bug     | In Progress | High     | 'make install' overwrites \$prefix/etc/osmocom/*.cfg   | osmith    | 07/30/2019 08:50 AM |  |
| 3751 | OsmoBTS                         | Support | New         | High     | Ensure BTS Tests.ttcn results of OC-2G resemble what we know/expect from osmo-bts-{sysmo,trx}  | pespin    | 07/18/2019 06:05 AM |  |
| 3734 | gr-osmosdr                      | Bug     | New         | High     | Cannot compile gr-osmocom  |           | 12/16/2018 12:22 AM |  |

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| 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   |
| 3717 | OsmoHLR                  | Bug     | Stalled     | High     | SS/USSD: fix SS session inactivity timeout                                      | fixeria    | 12/05/2018 08:45 PM |   |
| 3659 | OsmoBSC                  | Bug     | Stalled     | High     | LCLS directly between BTSs  | Hoernchen  | 05/15/2019 01:40 PM | Related to #3659,Related to #3659,Related to #3659,Related to #3659,Related to #3659,Related to #3783 |
| 3568 | OsmoBTS                  | Bug     | Stalled     | High     | CBCH on SDCCH/8 not working for osmo-bts-sysmo                                  | laforge    | 01/14/2019 03:29 PM |   |
| 3515 | OsmoTRX                  | Bug     | In Progress | High     | license confusion in OsmoTRX  | ipse       | 07/29/2019 01:25 PM |   |
| 3506 | OsmoBTS                  | Bug     | Feedback    | High     | FACCH LAPDm sequence error (state LAPD_STATE_MF_EST)                            | fixeria    | 04/04/2019 06:35 PM | Related to #3906  |
| 3476 | OsmoBSC                  | Support | New         | High     | osmo-bsc manual needs to explain the AoIP config 'cs7 instance'                 |            | 08/20/2018 09:06 AM |   |
| 3459 | gr-gsm                   | Bug     | New         | High     | apps/grgsm_trx: AssertionError: packet_info.packet_count == (seq_to_ack & 0xff) | ptrkrysik  | 08/10/2018 07:58 AM |   |
| 3458 | gr-gsm                   | Bug     | Feedback    | High     | apps/grgsm_trx: [ERROR] [STREAMER] rcv packet demuxer unexpected sid 0xXX       |            | 09/21/2018 10:12 AM | Related to #3692  |
| 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         |
| 3399 | OsmocomBB                | Feature | Stalled     | High     | mobile: refactor / finish external MNCC handler implementation                  | fixeria    | 10/04/2018 09:07 PM |   |
| 3379 | SIMtrace 2               | Bug     | Stalled     | High     | documentation on how to use SIMtrace2   | tsaitgaist | 10/25/2018 09:12 AM |   |
| 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  |
| 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  |
| 3294 | OsmoMSC                  | Bug     | Stalled     | High     | transaction: refactor callref allocation  | neels      | 09/26/2019 06:50 PM | Related to #3294,Related to #3294   |
| 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   |

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| 3127 | Cellular Network Infrastructure | Bug     | New         | High     | update the [[Osmocom Network In The Box]] wiki page   | daniel   | 05/08/2019 02:37 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  |
| 2955 | OsmoSGSN                        | Bug     | New         | High     | No GMM ATTACH REJECT on GSUP UpdateLocation Error   | lynxis   | 09/10/2019 07:39 PM |   |
| 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 |   |
| 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 |   |
| 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 |
| 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  |
| 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                                   |
| 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                  |
| 2604 | Cellular Network Infrastructure | Feature | In Progress | High     | GSUP-to-DIAMETER converter / IWF  | laforge  | 08/29/2019 03:10 PM |   |
| 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                  |
| 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                  |
| 2409 | OsmocomBB                       | Feature | Stalled     | High     | Add GPRS support to virt_phy and L1CTL  | laforge  | 07/04/2018 12:48 PM |   |
| 2400 | OsmoPCU                         | Bug     | Stalled     | High     | transmit SI13 on PACCH during long TBFs   | osmith   | 10/04/2019 10:39 PM | Related to #2400  |

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|------|--------------------|---------|-------------|----------|--|------------------------|---------------------|---|
| 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 |
| 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 |   |
| 2282 | OsmoPCU            | Feature | In Progress | High     | uplink multi-slot allocations  | lynxis                 | 07/11/2019 05:11 PM | Related to #1775                                |
| 2175 | OP25               | Feature | New         | High     | Update code for GNURadio 3.6 and later   | stevie                 | 04/22/2017 04:14 PM |   |
| 2173 | OP25               | Feature | New         | High     | Remove dependency on ET++  |                        | 04/22/2017 04:14 PM |   |
| 2172 | OP25               | Bug     | New         | High     | HDU often missing in captures  |                        | 04/22/2017 04:14 PM |   |
| 2171 | OP25               | Feature | New         | High     | Use libfftw3 for IFFT/FFT functions.   |                        | 04/22/2017 04:14 PM |   |
| 2170 | OP25               | Bug     | New         | High     | Implement forward error-correction code, remove IT++ dependency                |                        | 04/22/2017 04:14 PM |   |
| 2169 | OP25               | Bug     | New         | High     | First-cut of trunking support  |                        | 04/22/2017 04:15 PM |   |
| 2168 | OP25               | Bug     | New         | High     | Implement Forward error correction for LDU1/2                                  |                        | 04/22/2017 04:15 PM |   |
| 2167 | OP25               | Feature | New         | High     | Implement Encryption/Decryption P25 blocks                                     |                        | 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 |   |
| 2162 | OP25               | Bug     | New         | High     | Fix bit-ordering in output for VC55.   |                        | 04/22/2017 04:15 PM |   |
| 2160 | OP25               | Feature | New         | High     | Add "datascope" to usrp_p25_rx.py  |                        | 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 |   |
| 2157 | OP25               | Feature | New         | High     | Fix "traffic" tab so it displays data for non-HDU data units                   |                        | 04/22/2017 04:16 PM |   |
| 2156 | OP25               | Feature | New         | High     | Implement forward error correction for HDU.                                    |                        | 04/22/2017 04:16 PM |   |
| 2155 | OP25               | Feature | New         | High     | Replace FSK4 demodulation with IQ demodulator stage.                           |                        | 04/22/2017 04:16 PM |   |
| 1982 | libosmocore        | Bug     | New         | High     | LAPD: segfault in lapd_est_req function  |                        | 07/18/2019 05:49 AM | Related to #1982                                |
| 1950 | OsmoBTS            | Bug     | Stalled     | High     | LC15: BTS does not send L2 fill frame  | pespin                 | 07/18/2019 05:56 AM |   |
| 1943 | Linux Kernel GTP-U | Feature | New         | High     | test setup for Linux kernel GTP-U tunneling module                             | laforge                | 05/30/2018 02:56 PM |   |
| 1940 | OsmoPCU            | Bug     | Stalled     | High     | implement T3141 - Timeout after Send Immediate assign for TBF                  | pespin                 | 10/08/2019 11:44 AM |   |
| 1939 | OsmoPCU            | Bug     | Feedback    | High     | implement packet idle/transfer mode including T3192                            | lynxis                 | 09/26/2019 12:51 PM |   |
| 1925 | OsmoPCU            | Bug     | New         | High     | Fix padding for MCS8 transition  | lynxis                 | 04/15/2019 07:45 AM |   |
| 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                                |
| 1792 | OsmoPCU            | Bug     | Stalled     | High     | 2 MS tests: Issue with TS allocation for DL in PCU                             | sysmocom               | 08/17/2017 06:53 AM |   |
| 1766 | OsmoPCU            | Bug     | In Progress | High     | KPIs for OsmoPCU: EGPRS  |                        | 10/29/2017 06:47 PM | Related to #1766,Related to #1766               |

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| 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  |
| 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                       |
| 1722 | pySim                           | Feature | New         | High     | Improve pySim usability   |            | 08/17/2016 03:57 PM |  |
| 1720 | OsmoSGSN                        | Feature | In Progress | High     | extend/complete OsmoSGSN user manual  | daniel     | 07/26/2019 10:10 AM |  |
| 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   |
| 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   |
| 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   |
| 1640 | OsmoPCU                         | Bug     | Stalled     | High     | Missing release field/length in MS RA capability container                        | lynxis     | 04/15/2019 07:47 AM |  |
| 1560 | OsmoPCU                         | Feature | New         | High     | EDGE benchmarking / performance optimization / tuning                             | lynxis     | 07/18/2019 05:13 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 |
| 1546 | OsmoPCU                         | Feature | New         | High     | closed loop uplink power control  | lynxis     | 04/18/2019 02:38 PM |  |
| 1542 | OsmoPCU                         | Bug     | New         | High     | Post gsmmap/EGPRS patch to the wireshark project                                  |            | 07/18/2019 03:59 PM |  |
| 1510 | UmTRX                           | Feature | New         | High     | Complete UHD integration  | ipse       | 02/21/2016 04:47 PM |  |
| 1508 | UmTRX                           | Feature | New         | High     | Implement UmSEL diversity switch control  | ipse       | 02/21/2016 04:47 PM |  |
| 1507 | UmTRX                           | Feature | New         | High     | Implement UmSEL tuner control   | ipse       | 02/21/2016 04:47 PM |  |
| 1505 | UmTRX                           | Bug     | New         | High     | OHM4 footprint incorrect  |            | 02/19/2016 10:52 PM |  |
| 1483 | Mobile (in)Security             | Bug     | New         | High     | USSD state is not reset when switching cells                                      |            | 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 |  |
| 1480 | Mobile (in)Security             | Bug     | New         | High     | A5/3 is not deployed in GSM networks  |            | 02/21/2016 04:34 PM |  |
| 1478 | Mobile (in)Security             | Bug     | New         | High     | IMSI DETACH DoS   |            | 09/02/2019 09:00 AM |  |
| 1477 | Mobile (in)Security             | Bug     | New         | High     | RACH flood DoS  |            | 02/21/2016 04:34 PM |  |
| 1474 | SDR (Software Defined Radio)    | Bug     | New         | High     | USB Claim Interface Error   | steve-m    | 02/20/2016 08:23 PM |  |
| 1462 | OsmocomBB                       | Bug     | New         | High     | ../src/utls.c:182:7: error: only weak aliases are supported in this configuration |            | 02/21/2016 04:48 PM |  |

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| 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     |
| 1458 | OsmocomBB                                | Bug     | New         | High     | AGC broken (strong cell cannot be synced  | tnt      | 07/18/2019 06:10 AM | Related to #3582                  |
| 4265 | libosmocore                              | Bug     | New         | Normal   | --enable-embedded doesn't work as expected  |          | 11/12/2019 11:18 AM |                                   |
| 4264 | OsmoBSC                                  | Bug     | New         | Normal   | BSC_Tests.TC_ho_neighbor_config_1 test failures   | neels    | 11/12/2019 10:48 AM |                                   |
| 4250 | osmo-remsim                              | Bug     | New         | Normal   | osmo-resmsim-bankd requires unreleased libosmocore patch  | laforge  | 11/07/2019 02:23 PM |                                   |
| 4249 | osmo-remsim                              | Feature | New         | Normal   | ability to explicitly provision an "empty SIM card slot" to a modem                                     | laforge  | 11/07/2019 02:21 PM |                                   |
| 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 |
| 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 |                                   |
| 4241 | m.2 (NGFF) WWAN modem USB breakout board | Bug     | In Progress | Normal   | measure insertion loss for two alternatives of RF adapter on VNA up to 3GHz                             | roh      | 10/25/2019 04:26 PM |                                   |
| 4240 | OsmoMSC                                  | Bug     | New         | Normal   | test: incoming call when already Paging   |          | 10/21/2019 05:13 PM |                                   |
| 4225 | OP25                                     | Support | New         | Normal   | Missing rules in cmake lists?   | 2CS350   | 10/12/2019 02:49 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                  |
| 4212 | Core testing infrastructure              | Feature | Feedback    | Normal   | TTCN3 docker containers: tell glibc to print segfault output to stderr                                  | sysmocom | 11/13/2019 04:09 PM |                                   |
| 4207 | OsmoTRX                                  | Bug     | New         | Normal   | multi-arfcn not working properly  | pespin   | 09/16/2019 05:27 PM |                                   |
| 4205 | osmo-remsim                              | Bug     | New         | Normal   | ttcn3-remsim-test only shows results for bankd  | laforge  | 09/13/2019 12:04 PM |                                   |
| 4203 | Core testing infrastructure              | Bug     | New         | Normal   | Make ttcn3-bts-test(-latest) artifacts smaller  | sysmocom | 09/13/2019 11:18 AM |                                   |
| 4200 | OsmoMSC                                  | Feature | In Progress | Normal   | Work around nano3G-S16 requiring RAB ID to be below 16  | efistokl | 09/14/2019 09:48 AM |                                   |
| 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 |                                   |
| 4197 | osmo-sip-connector                       | Bug     | Feedback    | Normal   | "running broken" if configured IP is not assigned at startup  | lynxis   | 09/15/2019 11:16 PM |                                   |
| 4196 | OsmoMSC                                  | Feature | New         | Normal   | CC Setup, Call Confirmed: decode and use the Supported Codec List IE                                    |          | 09/25/2019 05:27 PM |                                   |
| 4193 | OsmoBSC                                  | Bug     | New         | Normal   | osmux reference pdf has auto-generated plot not displayed in pdf  | pespin   | 10/16/2019 01:05 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 |                                   |
| 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 |
| 4176 | Core testing infrastructure              | Bug     | Feedback    | Normal   | ttcn3-sgsn: Sporadic failures since lu support introduced   | laforge  | 08/27/2019 05:32 PM |                                   |

| #    | Project                               | Tracker | Status      | Priority | Subject  | Assignee | Updated             | Related issues                     |
|------|---------------------------------------|---------|-------------|----------|--|----------|---------------------|------------------------------------|
| 4174 | osmo-fl2k                             | Bug     | New         | Normal   | After the latest commits, the fl2k tools do not exit on first SIGINT   |          | 08/25/2019 04:57 PM |                                    |
| 4172 | OsmoGGSN (former OpenGGSN)            | Bug     | New         | Normal   | osmoggsn crashes when stopping   |          | 08/29/2019 11:35 AM |                                    |
| 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 |                                    |
| 4167 | OsmoMSC                               | Bug     | Feedback    | Normal   | Event VLR_ULA_E_ID_IMEISV not permitted  | osmith   | 09/04/2019 08:13 PM |                                    |
| 4166 | OsmoBSC                               | Bug     | New         | Normal   | BORKEN Error / broken lchan / WAIT_ACTIV_ACK: Timeout  |          | 08/22/2019 11:30 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 |                                    |
| 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                   |
| 4161 | OsmoGGSN (former OpenGGSN)            | Bug     | New         | Normal   | Implement pdp idle timer   | pespin   | 08/20/2019 06:30 PM | Related to #4161                   |
| 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                   |
| 4154 | OsmoGGSN (former OpenGGSN)            | Bug     | Feedback    | Normal   | Duplicated PDP context entries   | keith    | 09/02/2019 10:58 AM | Related to #4161, Related to #4165 |
| 4153 | OsmoMGW                               | Bug     | New         | Normal   | 3G voice broken with ALu 9361 femto  |          | 08/16/2019 10:45 AM |                                    |
| 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                   |
| 4149 | libosmocore                           | Bug     | New         | Normal   | osmo_fsm allows event names to have spaces in them   | laforge  | 08/24/2019 12:31 PM |                                    |
| 4144 | OsmoMSC                               | Feature | Stalled     | Normal   | provide config to enable/disable UTRAN encryption  |          | 08/13/2019 02:57 PM | Blocks #4144                       |
| 4143 | libosmo-ranap                         | Feature | New         | Normal   | Security Mode Command needs distinct UEA1 and UEA2 options   |          | 08/06/2019 12:58 PM | Blocks #4144                       |
| 4141 | Cellular Network Infrastructure       | Bug     | New         | Normal   | No osmux specific code in place during codec negotiation   | sysmocom | 08/05/2019 03:57 PM |                                    |
| 4139 | Cellular Network Infrastructure       | Bug     | New         | Normal   | "make pdf" target exists, but does nothing   | osmith   | 08/02/2019 08:42 AM |                                    |
| 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 |                                    |
| 4135 | Qualcomm Linux Modems by Quectel & Co | Support | New         | Normal   | how to use network inside ec20   |          | 07/31/2019 11:20 AM |                                    |
| 4130 | OP25                                  | Bug     | New         | Normal   | OP25 User Interface  |          | 07/26/2019 02:36 AM |                                    |
| 4124 | OsmoBSCNAT                            | Feature | New         | Normal   | OsmoBSCNAT : Write user manual   | sysmocom | 07/22/2019 09:02 AM | Related to #4124                   |

| #    | Project                         | Tracker | Status   | Priority | Subject   | Assignee   | Updated             | Related issues   |
|------|---------------------------------|---------|----------|----------|---|------------|---------------------|--|
| 4123 | Cellular Network Infrastructure | Bug     | Stalled  | Normal   | gcc & LTO related issues  | Hoernchen  | 07/22/2019 04:46 PM | Related to #4123,Related to #4123,Related to #4123,Related to #4123,Related to #4123 |
| 4122 | OsmoMSC                         | Support | New      | Normal   | Moving to the smpp-config node and getting SMPP messages working                                |            | 07/22/2019 02:07 PM |  |
| 4119 | osmo-remsim                     | Bug     | Feedback | Normal   | osmo-remsim-client-st2 leaking memory   | roh        | 09/18/2019 06:24 PM | Related to #4119   |
| 4118 | SIMtrace 2                      | Bug     | New      | Normal   | VCC_PHONE strong pull on SIMtrace board   | tsaitgaist | 07/18/2019 11:54 AM |  |
| 4117 | OsmoMSC                         | Bug     | New      | Normal   | osmo-msc crash when paging SGs after MME disconnects  | dexter     | 08/01/2019 09:27 AM |  |
| 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  |
| 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  |
| 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  |
| 4112 | OpenBSC                         | Bug     | New      | Normal   | OpenBSC fails to compile on openSUSE Tumbleweed (gcc 9.1 with LTO enabled)                      | Hoernchen  | 07/18/2019 05:25 AM | Related to #4113,Related to #4123  |
| 4107 | Cellular Network Infrastructure | Feature | New      | Normal   | Start systemd services as non-root user   | osmith     | 07/15/2019 06:56 AM | Related to #4107   |
| 4105 | libosmocore                     | Feature | New      | Normal   | Support for LTE key derivation functions  | laforge    | 07/13/2019 02:07 AM | Related to #4105   |
| 4104 | libosmocore                     | Bug     | New      | Normal   | support for KASME generation  | laforge    | 07/12/2019 10:15 AM | Related to #4105   |
| 4101 | rtl-sdr                         | Bug     | New      | Normal   | Memory leak in the rtl_sdr_open routine of librtlsdr  | perceval62 | 07/11/2019 05:39 PM |  |
| 4098 | gr-osmosdr                      | Bug     | New      | Normal   | [BladeRF micro] Arguments set in osmocore Sink and Source are not passed to libbladerf          | horiz0n    | 07/18/2019 05:35 AM |  |
| 4094 | OpenBSC                         | Bug     | New      | Normal   | multiple crashes due to connection failures / drops   |            | 07/09/2019 07:41 PM | Related to #4094   |
| 4092 | OsmoMGW                         | Feature | New      | Normal   | Osmux: Support dynamic allocation of osmux sockets  | pespin     | 07/05/2019 05:15 PM | Related to #4092   |
| 4091 | Cellular Network Infrastructure | Feature | New      | Normal   | Osmux: Make sure all handover types work fine if a call leg is using Osmux between BSC and MSC. | pespin     | 07/05/2019 02:10 PM |  |
| 4087 | SIMtrace 2                      | Bug     | New      | Normal   | remove bogus targets from build process and ftp dir   | tsaitgaist | 07/04/2019 08:56 AM |  |
| 4086 | Cellular Network Infrastructure | Support | New      | Normal   | Testing the 3G Osmocom Network without a Femto Cell   |            | 07/10/2019 09:15 PM |  |
| 4083 | Osmocom.org Servers             | Bug     | New      | Normal   | git.osmocom.org: error: garbage at end of loose object  | sysmocom   | 10/21/2019 12:15 PM |  |
| 4082 | OsmoBTS                         | Bug     | New      | Normal   | OML: Unknown/unhandled PCHAN type: 0 NONE   |            | 11/17/2019 09:18 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 |  |
| 4079 | OsmoMGW                         | Support | Feedback    | Normal   | Create Endpoint   | Osmocorn               | 07/01/2019 02:27 PM |  |
| 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 |  |
| 4074 | libosmocore                     | Bug     | New         | Normal   | LAPD timers completely broken   | Osmocom CNI Developers | 06/21/2019 04:12 PM | Related to #4074                                   |
| 4073 | Cellular Network Infrastructure | Feature | New         | Normal   | try to get counter and vty reference information at compile time                              | Hoernchen              | 07/03/2019 12:20 AM | Related to #4073                                   |
| 4072 | libosmo-sccp + libosmo-sigtran  | Bug     | New         | Normal   | Implement IPA PING/PONG mechanism in libosmo-sigtran +  | Hoernchen              | 06/21/2019 02:51 PM | Related to #4072                                   |
| 4070 | OsmoBSC                         | Bug     | New         | Normal   | Implement IPA PING/PONG mechanism on RSL and OML  | Hoernchen              | 06/21/2019 02:47 PM |  |
| 4069 | Cellular Network Infrastructure | Bug     | New         | Normal   | Implement IPA PING/PONG mechanism everywhere  | Hoernchen              | 06/21/2019 02:44 PM | Related to #4072                                   |
| 4068 | gr-gsm                          | Feature | New         | Normal   | Implement a GNU Radio block for frequency hopping   | ptrkrysik              | 06/21/2019 11:40 AM |  |
| 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                                   |
| 4064 | osmo-clock-gen                  | Support | In Progress | Normal   | bom / parts order / production of 3 clock-gen v2 prototypes                                   | mschramm               | 08/04/2019 08:37 PM |  |
| 4063 | Cellular Network Infrastructure | Feature | New         | Normal   | Add current version information to the VTY reference manuals                                  |                        | 06/19/2019 09:51 AM |  |
| 4053 | libosmocore                     | Feature | New         | Normal   | CTRL: Add CTRL cmd introspection to print documentation                                       | Hoernchen              | 06/14/2019 08:23 PM | Related to #4053                                   |
| 4044 | Cellular Network Infrastructure | Feature | Stalled     | Normal   | regenerate vty reference during release process   | osmith                 | 07/16/2019 01:52 PM | Related to #4044,Related to #4053,Related to #4073 |
| 4042 | SIMtrace 2                      | Feature | New         | Normal   | provide command line interface on CDC-ACM device  |                        | 06/04/2019 04:07 PM |  |
| 4041 | SIMtrace 2                      | Bug     | New         | Normal   | implement SIMTRACE_CMD_BD_BOARD_INFO  | tsaitgaist             | 08/06/2019 02:12 PM | Related to #4041                                   |
| 4038 | OsmoMSC                         | Feature | New         | Normal   | MSC_Tests_lu: BSC_ConnectionHandler.ttcn missing handling of RAB-AssignmentRequest            | sysmocom               | 06/03/2019 02:54 PM |  |
| 4034 | OsmoMGW                         | Bug     | New         | Normal   | Bad default value for number of endpoints   |                        | 05/31/2019 02:52 PM |  |
| 4033 | OsmoGGSN (former OpenGGSN)      | Feature | New         | Normal   | ttcn3-ggsn-test: Add tests to verify secondary pdp context management                         |                        | 05/30/2019 03:19 PM |  |
| 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                  |
| 4028 | libosmocore                     | Bug     | New         | Normal   | libosmocore build job hangs indefinitely / port 42000 already used                            | osmith                 | 07/18/2019 05:50 AM |  |
| 4023 | OsmoBTS                         | Bug     | Stalled     | Normal   | Missing coverage of PCU interface in osmo-bts   |                        | 11/18/2019 08:24 AM | Related to #4023                                   |
| 4019 | OsmoPCU                         | Bug     | New         | Normal   | implement a command to show all informations from the bts                                     |                        | 05/23/2019 03:08 PM |  |
| 4018 | OsmoPCU                         | Bug     | New         | Normal   | investigate ordering of includes paths  |                        | 05/23/2019 10:59 AM |  |

| #    | Project                  | Tracker | Status      | Priority | Subject  | Assignee | Updated             | Related issues                                     |
|------|--------------------------|---------|-------------|----------|--|----------|---------------------|--|
| 4017 | OsmoMSC                  | Bug     | New         | Normal   | MSC fails to handle calls  |          | 05/29/2019 04:56 PM |  |
| 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                  |
| 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                                   |
| 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                  |
| 3992 | OsmoMSC                  | Bug     | New         | Normal   | inter-MSC handover for signalling-only?  |          | 05/09/2019 11:39 AM |  |
| 3983 | libosmocore              | Bug     | New         | Normal   | osmo_fsm_inst_change_parent() forgets to talloc reparent                                   |          | 05/08/2019 08:00 AM |  |
| 3981 | OsmoTRX                  | Bug     | New         | Normal   | osmo-trx-lms: Overruns appear from time to time  | pespin   | 07/30/2019 04:17 PM | Related to #3981                                   |
| 3980 | OsmoMGW                  | Bug     | New         | Normal   | Clear Command before CRCX OK may leak MGW endpoint   |          | 05/06/2019 10:11 PM |  |
| 3976 | OsmoBSC                  | Bug     | New         | Normal   | osmo-bsc: heap-use-after-free upon MGW CRCX failure response                               | neels    | 05/06/2019 11:03 AM |  |
| 3975 | OsmoBSC                  | Bug     | New         | Normal   | osmo-bsc crash during startup with nokia insite  | laforge  | 07/18/2019 06:00 AM | Related to #3975                                   |
| 3968 | E1/T1 Hardware Interface | Feature | New         | Normal   | find enclosure for ICE40 E1 board  |          | 04/30/2019 09:41 AM |  |
| 3967 | E1/T1 Hardware Interface | Feature | New         | Normal   | design a custom board for the ICE40 E1 adapter   |          | 04/30/2019 09:34 AM | Related to #3967                                   |
| 3966 | E1/T1 Hardware Interface | Feature | In Progress | Normal   | finish the USB-E1 ICE40 prototype  | tnt      | 04/30/2019 08:49 AM |  |
| 3965 | E1/T1 Hardware Interface | Feature | In Progress | Normal   | ICE40 based USB E1 adapter   | tnt      | 04/30/2019 08:48 AM | Related to #3965,Related to #3965,Related to #3965 |
| 3964 | OsmoSGSN                 | Bug     | New         | Normal   | SIGSEGV in sndcp_sm_deactivate_ind()   |          | 10/10/2019 07:11 PM | Related to #3964,Related to #4221                  |
| 3958 | testproject              | Bug     | New         | Normal   | ./mobile select ARFCN  |          | 04/25/2019 09:49 AM |  |
| 3957 | OsmoSGSN                 | Bug     | Feedback    | Normal   | ABORT from gprs_sndcp_comp_free()  | pespin   | 11/08/2019 06:31 PM | Related to #3964,Related to #4245                  |
| 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 |  |
| 3949 | OsmoTRX                  | Bug     | New         | Normal   | osmo-trx-lms: improve runtime gain setting (missing calibration)                           |          | 04/23/2019 08:32 AM |  |
| 3940 | OsmoSGSN                 | Bug     | New         | Normal   | TTCN-3: lu: test UMTS Auth   |          | 04/24/2019 08:24 AM |  |

| #    | Project                        | Tracker | Status      | Priority | Subject  | Assignee | Updated             | Related issues   |
|------|--------------------------------|---------|-------------|----------|--|----------|---------------------|--|
| 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 |  |
| 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   |
| 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   |
| 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   |
| 3929 | OsmoPCU                        | Bug     | New         | Normal   | Missing PCU_Tests.ttcn link adaptation tests   | lynxis   | 10/04/2019 08:15 PM | Related to #3929   |
| 3923 | OsmoSGSN                       | Bug     | New         | Normal   | lu: Respond to SecurityCommandReject messages  |          | 04/24/2019 08:26 AM | Related to #3923   |
| 3921 | libosmo-sccp + libosmo-sigtran | Bug     | New         | Normal   | high local reference numbers get cut off   |          | 04/12/2019 01:23 PM |  |
| 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 |
| 3919 | osmo-remsim                    | Feature | New         | Normal   | remsim-client ifd_handler for PC/SC integration  | laforge  | 05/08/2019 03:30 PM |  |
| 3917 | OsmoGSMTester                  | Bug     | New         | Normal   | update debian packages to match our dependencies   | lynxis   | 04/11/2019 04:12 PM |  |
| 3909 | libosmocore                    | Bug     | New         | Normal   | osmo_get_rand_id() fails in containerised environment  |          | 04/07/2019 04:05 PM | Related to #3909   |
| 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 |  |
| 3886 | osmo-remsim                    | Feature | New         | Normal   | expose ICCID or even IMSI of all cards on remsim-server  | laforge  | 05/08/2019 03:31 PM | Precedes #3886   |
| 3885 | osmo-remsim                    | Feature | New         | Normal   | remsim-server should expose status information   | laforge  | 04/01/2019 07:23 PM | Precedes #3885   |
| 3884 | osmo-remsim                    | Feature | New         | Normal   | redesign bankd thread architecture   | laforge  | 05/08/2019 03:31 PM | Precedes #3885,Precedes #3886  |
| 3882 | gr-osmosdr                     | Bug     | New         | Normal   | Cannot compile gr-osmosdr!   | horiz0n  | 07/18/2019 05:35 AM |  |
| 3880 | OsmoMSC                        | Bug     | New         | Normal   | GSUP MT-ForwardSM Message Reference - wrong value in a response  |          | 04/01/2019 07:47 AM |  |
| 3879 | OsmoPCU                        | Bug     | New         | Normal   | TC_sns_1c1u_so_bvc_reset has never passed on jenkins   | laforge  | 03/30/2019 11:13 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   |
| 3870 | Miscellaneous Projects         | Feature | In Progress | Normal   | jenkins job generating tarballs of all tagged releases   | osmith   | 07/16/2019 07:49 AM | Related to #4084   |
| 3867 | libosmocore                    | Bug     | New         | Normal   | Some older Osmocom program releases don't build against current master libosmo*  | osmith   | 03/28/2019 04:30 PM | Related to #3867   |
| 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  |
| 3855 | gr-osmosdr                     | Bug     | New         | Normal   | Cannot build gr-osmosdr with Gnuradio 3.8  | horiz0n  | 09/28/2019 06:49 AM |  |

| #    | Project                      | Tracker | Status      | Priority | Subject  | Assignee   | Updated             | Related issues  |
|------|------------------------------|---------|-------------|----------|--|------------|---------------------|---|
| 3849 | OsmoMGW                      | Bug     | New         | Normal   | race condition problem in rtp flow tests of the ttcn3 testsuite                            |            | 09/04/2019 09:26 AM |   |
| 3848 | Miscellaneous Projects       | Feature | In Progress | Normal   | Osmocom stickers wih black background / non-rectangular outline                            | maike      | 09/04/2019 09:28 AM | Blocks #3848  |
| 3847 | Miscellaneous Projects       | Feature | New         | Normal   | Osmocom logo with/for black background   | tsaitgaist | 03/18/2019 08:54 AM | Blocks #3848  |
| 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 |   |
| 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                  |
| 3833 | OsmoBSC                      | Bug     | Feedback    | Normal   | Fix storage location of AMR S15-S0 bits  | dexter     | 07/29/2019 02:02 PM |   |
| 3829 | OsmoMSC                      | Bug     | New         | Normal   | osmo-msc expects aoip TLV in Assignment Complete messages from BSC                         |            | 03/07/2019 08:30 PM |   |
| 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  |
| 3817 | SDR (Software Defined Radio) | Bug     | New         | Normal   | Unable to use fosphor display on Ubuntu 18.10  |            | 02/26/2019 06:56 PM |   |
| 3815 | SIMtrace 2                   | Bug     | New         | Normal   | simtrace2 fails USB-IF CH9 test  | tsaitgaist | 02/23/2019 03:10 PM |   |
| 3814 | OsmoBSC                      | Bug     | New         | Normal   | MS Power Control Problem with Osmo-BSC and nanoBTS   |            | 02/24/2019 01:15 AM |   |
| 3812 | libosmo-netif                | Bug     | Stalled     | Normal   | stream_test fails depending on where it is run   |            | 03/13/2019 04:15 PM |   |
| 3806 | OsmoBSC                      | Bug     | In Progress | Normal   | OsmoBSC accepts BSSAP with wrong length field  |            | 09/04/2019 09:26 AM | Related to #3806  |
| 3803 | OsmoBTS                      | Bug     | In Progress | Normal   | fix frame number calculation in scheduler_trx  | dexter     | 10/29/2019 08:34 AM | Related to #3803,Related to #3803,Related to #3803                  |
| 3802 | gr-osmosdr                   | Feature | New         | Normal   | New release  | horiz0n    | 02/15/2019 07:22 AM |   |
| 3797 | rti-sdr                      | Bug     | New         | Normal   | Exits with "Bus error"   |            | 02/12/2019 02:28 PM |   |
| 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 |   |
| 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                                   |
| 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 |
| 3780 | OsmoBTS                      | Bug     | New         | Normal   | existing test suite doesn't catch wrong measurement processing                             | Hoernchen  | 07/12/2019 04:27 PM |   |
| 3776 | OP25                         | Bug     | New         | Normal   | Build fail using gcc version 7.3.0 Ubuntu 18.04.1 LTS                                      |            | 07/05/2019 07:12 PM |   |

| #    | Project                         | Tracker | Status      | Priority | Subject  | Assignee  | Updated             | Related issues  |
|------|---------------------------------|---------|-------------|----------|--|-----------|---------------------|---|
| 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  |
| 3772 | Cellular Network Infrastructure | Bug     | In Progress | Normal   | new build host tcc-deb9build: failure to push manuals                                  | laforge   | 02/01/2019 09:21 AM | Related to #3772  |
| 3763 | osmo-sip-connector              | Bug     | New         | Normal   | Implement correct handling for call answered elsewhere                                 |           | 01/22/2019 01:03 PM |   |
| 3761 | OsmocomBB                       | Feature | New         | Normal   | Separate TDMA scheduler into a library (libtdmasched)                                  | fixeria   | 06/21/2019 11:56 AM |   |
| 3750 | OsmoBTS                         | Feature | In Progress | Normal   | Extension of BTS_Tests.ttcn test coverage  | Hoernchen | 11/16/2019 07:49 PM | Related to #4008,Related to #4009,Related to #4011,Related to #3750,Related to #4023,Related to #4031,Related to #4035,Related to #3750 |
| 3747 | UmTRX                           | Feature | New         | Normal   | LMS6002D RX Gain Control   | ipse      | 01/08/2019 09:46 AM |   |
| 3744 | OsmoBSC                         | Bug     | New         | Normal   | include/osmocom/bsc/gsm_data.h: OSMO_ASSERT(conn->lchan); failed in conn_get_bts()     |           | 12/30/2018 10:39 AM |   |
| 3743 | OsmoMSC                         | Bug     | In Progress | Normal   | subscriber re-assoc crashes osmo-msc   |           | 12/29/2018 01:14 AM | Is duplicate of #3742   |
| 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   |
| 3741 | osmo-sip-connector              | Bug     | New         | Normal   | Unknow call parameters shown in vty  |           | 12/28/2018 02:01 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 |   |
| 3739 | OsmoBSC                         | Feature | New         | Normal   | on osmo-bsc startup, sanity check codec-, pchan-types and AMR rates configuration      |           | 12/20/2018 01:31 AM |   |
| 3738 | OsmoMSC                         | Feature | New         | Normal   | Clarify PS-part of struct vlr_subscr   |           | 12/19/2018 12:34 PM |   |
| 3736 | Osmocom.org Servers             | Bug     | In Progress | Normal   | sporadic segmentation faults on jenkins build slave                                    |           | 12/16/2018 04:08 PM |   |
| 3735 | OsmoMSC                         | Bug     | Stalled     | Normal   | call arriving during another call has no voice   | neels     | 06/18/2019 09:18 PM |   |
| 3731 | OsmoMGW                         | Bug     | New         | Normal   | TTCN3 TC_rtpem_selftest randomly fails   | daniel    | 12/13/2018 12:37 PM |   |
| 3725 | Cellular Network Infrastructure | Bug     | Stalled     | Normal   | Jenkins isn't using the credentials store for uploading to rita.osmocom.org            | osmith    | 02/01/2019 10:39 AM | Related to #3725,Related to #3725,Related to #3726,Related to #3772   |
| 3724 | osmo-sip-connector              | Bug     | New         | Normal   | Wrong media format used in SIP INVITE causes one-way audio                             |           | 12/11/2018 02:57 PM | Related to #3724  |
| 3722 | libosmocore                     | Bug     | Feedback    | Normal   | osmo_clock_gettime broke build on MacOS  | pespin    | 09/20/2019 10:38 AM |   |
| 3711 | SIMtrace 2                      | Feature | New         | Normal   | Add screw holes for permanent installations  |           | 11/27/2018 02:04 AM |   |

| #    | Project                         | Tracker | Status      | Priority | Subject  | Assignee        | Updated             | Related issues                                     |
|------|---------------------------------|---------|-------------|----------|--|-----------------|---------------------|--|
| 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                  |
| 3703 | OsmoBTS                         | Bug     | New         | Normal   | sporadic failures of TC_tch_sign_l2_fill_frame test case   |                 | 11/22/2018 02:58 PM |  |
| 3699 | Cellular Network Infrastructure | Feature | New         | Normal   | merge Debian patches   | Hoernchen       | 07/16/2019 08:00 PM | Related to #3699,Related to #3753                  |
| 3696 | OsmoSGSN                        | Bug     | New         | Normal   | Intermittent Connection Drop   | lynxis          | 05/08/2019 12:14 PM |  |
| 3690 | OsmoBSC                         | Bug     | In Progress | Normal   | BSC_Tests.TC_dyn_pdch_osmo_act_deact failure: Unexpected TS Mode: "NONE mode"                    |                 | 11/13/2018 02:31 PM |  |
| 3689 | OsmoSGSN                        | Bug     | New         | Normal   | Support Cisco GGSN (Cisco 7200 with IOS 12.4.x)  |                 | 04/09/2019 11:21 AM |  |
| 3687 | OsmoMSC                         | Feature | New         | Normal   | Expand "show bsc" command  |                 | 11/11/2018 09:50 PM |  |
| 3682 | OsmoBSC                         | Feature | New         | Normal   | Intra-domain connection of OsmoBSC to multiple MSCs  |                 | 09/04/2019 09:01 AM |  |
| 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 |  |
| 3676 | OsmoGSMTester                   | Bug     | New         | Normal   | ofono: org.ofono.ConnectionManager property Bearer returning "none"                              | osmo-gsm-tester | 10/29/2018 01:11 PM |  |
| 3672 | Osmocom Analog                  | Feature | New         | Normal   | Custom announcement and tones  |                 | 10/25/2018 05:10 PM |  |
| 3669 | OsmocomBB                       | Bug     | New         | Normal   | empty IMSI in vty  |                 | 10/24/2018 04:15 PM |  |
| 3666 | OsmocomBB                       | Feature | New         | Normal   | Introduce VTY interface  | fixeria         | 06/21/2019 11:56 AM | Related to #3667                                   |
| 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 |
| 3663 | gr-osmosdr                      | Bug     | New         | Normal   | Can't compile gr-osmosdr on macOS Mojave   |                 | 10/19/2018 02:37 PM |  |
| 3662 | gr-gsm                          | Bug     | New         | Normal   | not building on OSX 10.13.4  |                 | 10/29/2018 08:52 AM |  |
| 3660 | Cellular Network Infrastructure | Bug     | New         | Normal   | TTCN3 Jenkins jobs leave Docker containers running when stopped                                  | osmith          | 10/11/2019 01:04 PM |  |
| 3658 | Cellular Modem Information      | Feature | New         | Normal   | Create a "osmocom-bb-host-latest" docker container   |                 | 10/16/2018 02:11 PM | Related to #3658                                   |
| 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                                   |
| 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 |  |
| 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                  |

| #    | Project             | Tracker | Status      | Priority | Subject  | Assignee | Updated             | Related issues  |
|------|---------------------|---------|-------------|----------|--|----------|---------------------|---|
| 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                                   |
| 3636 | OsmoMSC             | Feature | New         | Normal   | detailed call statistics (with rate counters)                | osmith   | 10/08/2018 11:14 AM | Related to #3636  |
| 3631 | Osmocom.org Servers | Feature | In Progress | Normal   | migrate/upgrade openmoko.org mediawiki to osmocom-host2      | laforge  | 10/07/2018 09:29 AM |   |
| 3629 | OsmocomBB           | Bug     | New         | Normal   | mobile aborting after 'test re-selection 1' on vty           |          | 10/04/2018 02:58 PM |   |
| 3622 | libosmo-abis        | Bug     | New         | Normal   | Clear API mess in sign_link_up callback                      | pespin   | 10/02/2018 07:34 PM |   |
| 3621 | OsmoMSC             | Feature | New         | Normal   | TTCN-3 test suite for inter-BSC handover                     | neels    | 07/18/2019 05:04 AM | Related to #3621  |
| 3620 | OsmoMSC             | Feature | Stalled     | Normal   | Implement TTCN-3 testsuite for Inter-MSC HO                  | neels    | 09/04/2019 09:08 AM |   |
| 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  |
| 3607 | OsmoSTP             | Feature | New         | Normal   | Support for capability point codes                           |          | 10/03/2018 08:58 AM |   |
| 3606 | OsmoSTP             | Feature | New         | Normal   | Support for multiple NI (network indicator)                  |          | 10/03/2018 08:58 AM |   |
| 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 |   |
| 3596 | gr-osmosdr          | Feature | New         | Normal   | TX Tags  |          | 09/25/2018 04:01 PM |   |
| 3595 | gr-osmosdr          | Feature | New         | Normal   | RX Tags  |          | 09/25/2018 04:01 PM |   |
| 3594 | gr-osmosdr          | Feature | New         | Normal   | Message Commands   |          | 09/25/2018 03:59 PM |   |
| 3592 | gr-osmosdr          | Bug     | New         | Normal   | rtl: Race Conditions   | horiz0n  | 07/18/2019 05:35 AM |   |
| 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 |   |
| 3586 | OsmoBSC             | Feature | New         | Normal   | support LCLS for inter-BSC handover                          | neels    | 01/17/2019 04:18 PM | Related to #3586,Related to #3659                                   |
| 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 |
| 3572 | OsmoBTS             | Bug     | New         | Normal   | Incorrect TDMA frame number calculation on TCH channels      | sysmocom | 05/08/2019 06:08 PM | Related to #3803  |
| 3569 | OsmoBTS             | Bug     | Stalled     | Normal   | Some phones don't receive SMS CB                             | laforge  | 01/14/2019 03:32 PM |   |
| 3564 | OsmoGSMTester       | Feature | New         | Normal   | Investigate ofono and modems Cell Broadcast support          | lynxis   | 09/29/2018 08:57 AM | Related to #3564  |

| #    | Project                         | Tracker | Status      | Priority | Subject   | Assignee | Updated             | Related issues   |
|------|---------------------------------|---------|-------------|----------|---|----------|---------------------|--|
| 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 |
| 3557 | OsmocomBB                       | Bug     | New         | Normal   | trxcon: decoding errors after applying a new TCH mode   | fixeria  | 06/21/2019 11:56 AM |  |
| 3554 | OsmocomBB                       | Bug     | New         | Normal   | trxcon/scheduler: misaligned burst reception  | fixeria  | 06/21/2019 11:56 AM |  |
| 3541 | Cellular Network Infrastructure | Bug     | New         | Normal   | Conflicting Debian packages: python3-osmopy-utils and osmocom-nitb  | osmith   | 09/30/2018 11:53 AM | Related to #3541   |
| 3531 | OP25                            | Bug     | New         | Normal   | Unknown status of the p25 wireshark plugin  |          | 09/07/2018 02:46 PM |  |
| 3521 | libosmocore                     | Feature | New         | Normal   | core/utils: engineering notation helpers  | fixeria  | 09/04/2018 08:32 PM |  |
| 3518 | osmo-sip-connector              | Bug     | In Progress | Normal   | Rapid SETUP followed DISC results in lingering B-leg  | keith    | 04/24/2019 08:39 AM |  |
| 3512 | gr-osmosdr                      | Support | New         | Normal   | Bug #3462 on Arch Linux; gr-osmosdr install fails   | horiz0n  | 01/26/2019 06:10 PM |  |
| 3511 | OsmoMGW                         | Bug     | In Progress | Normal   | osmo-mgw does not forward RTP packets anymore   |          | 08/29/2018 04:33 PM |  |
| 3510 | OsmoBTS                         | Bug     | New         | Normal   | Make sure the ECU (Error Concealment Unit) is working correctly   | tnt      | 05/15/2019 03:48 PM |  |
| 3505 | OsmoBSC                         | Feature | New         | Normal   | ttcn3: test inter-BSC HO with encryption enabled  | neels    | 08/28/2018 06:38 PM | Related to #3505   |
| 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   |
| 3490 | OsmoMGW                         | Feature | New         | Normal   | Add config option to allow arbitrary domain names in endpoints  |          | 08/20/2018 10:08 PM | Related to #3490   |
| 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  |
| 3479 | OsmoBSC                         | Feature | New         | Normal   | test "every single failure" in osmo-bsc FSMs  |          | 08/20/2018 11:15 AM | Related to #3479   |
| 3478 | OsmoBTS                         | Bug     | New         | Normal   | struct member lchan->meas.bts_tx_pwr is never set   | dexter   | 08/20/2018 09:51 AM |  |
| 3477 | Cellular Network Infrastructure | Feature | New         | Normal   | add a wiki page explaining interconnection between components across several machines   |          | 09/04/2019 09:21 AM |  |
| 3474 | OsmoBSC                         | Bug     | New         | Normal   | SDCCH not released if Radio Link Failure / Sending Connection Failure: cause = 0x001 Experienced in osmo-bsc and osmo-bts-trx |          | 08/20/2018 01:02 AM |  |
| 3471 | Osmocom.org Servers             | Bug     | New         | Normal   | host2.osmocom.org not starting all services on reboot.  | laforge  | 08/18/2018 01:50 PM |  |
| 3462 | gr-osmosdr                      | Bug     | New         | Normal   | gr-osmosdr installation bladerf conversion errors   | horiz0n  | 07/18/2019 05:35 AM |  |
| 3445 | OsmoMSC                         | Feature | Stalled     | Normal   | SS/USSD: clean up the local GSM 04.80 API   |          | 12/14/2018 01:57 PM |  |
| 3443 | OsmoMGW                         | Bug     | New         | Normal   | Check audio-payload options in osmo-mgw VTY   |          | 08/02/2018 03:59 PM |  |
| 3442 | OsmoMGW                         | Bug     | New         | Normal   | fix int mgcp_codec_decide() in mgcp_codec.c   |          | 09/04/2019 09:26 AM |  |

| #    | Project                         | Tracker | Status      | Priority | Subject  | Assignee  | Updated             | Related issues                                     |
|------|---------------------------------|---------|-------------|----------|--|-----------|---------------------|--|
| 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 |  |
| 3425 | gr-gsm                          | Bug     | New         | Normal   | Receiver: missing AGC (Automatic Gain Control)   |           | 07/26/2018 08:25 PM |  |
| 3424 | gr-gsm                          | Feature | New         | Normal   | Transceiver: implement automatic TX delay measurement                                    | ptrkrysik | 07/26/2018 08:22 PM |  |
| 3423 | gr-gsm                          | Feature | Stalled     | Normal   | Receiver: hard-coded GSM 05.02 channel configuration                                     | ptrkrysik | 02/06/2019 10:00 AM |  |
| 3422 | gr-gsm                          | Bug     | New         | Normal   | Receiver: sample / burst buffering problem   | ptrkrysik | 07/27/2018 07:56 PM |  |
| 3420 | libosmo-ranap                   | Bug     | Stalled     | Normal   | ranap_transp_assoc_decode() decodes X.213 NSAP address headers as IP address             | osmith    | 10/29/2018 02:28 PM |  |
| 3417 | Cellular Network Infrastructure | Bug     | New         | Normal   | show asciidoc counters does not show all the counters available                          |           | 09/04/2019 09:21 AM | Related to #3417                                   |
| 3414 | gr-osmosdr                      | Feature | New         | Normal   | Include Airspy serial number in connection string.                                       | horiz0n   | 07/24/2018 04:52 AM |  |
| 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                                   |
| 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 |  |
| 3400 | OsmocomBB                       | Feature | Stalled     | Normal   | mobile: implement GAPK based audio capture / playback (via ALSA)                         | fixeria   | 10/04/2018 09:11 PM | Blocks #3400                                       |
| 3398 | GSM Audio Pocket Knife          | Bug     | New         | Normal   | build: configure fails if (optional) libalsa wasn't found                                | fixeria   | 07/16/2018 08:45 PM |  |
| 3397 | OsmocomBB                       | Feature | New         | Normal   | target/firmware: get rid of libosmocore dependency                                       | fixeria   | 07/16/2018 08:22 PM |  |
| 3388 | libosmocore                     | Bug     | New         | Normal   | NS-RESET / NS-UNBLOCK / NS-BLOCK are not specified over IP/UDP                           | laforge   | 02/23/2019 02:37 PM | Related to #3388                                   |
| 3386 | Cellular Network Infrastructure | Feature | New         | Normal   | Generate man pages at build time from adoc files   | osmith    | 11/15/2018 09:42 AM | Precedes #3386                                     |
| 3382 | Cellular Network Infrastructure | Bug     | New         | Normal   | Investigate and fix lintian issues listed by Debian Lintian Report                       | osmith    | 09/01/2018 08:40 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                                   |
| 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 |
| 3371 | SIMtrace 2                      | Feature | New         | Normal   | migrate to use arm-none-eabi build of libosmocore.git                                    | laforge   | 08/09/2018 12:14 PM |  |
| 3357 | OsmoBSC                         | Bug     | New         | Normal   | osmo-bsc doesn't perform RSL MODE MODIFY on ASSIGNMENT if channel is compatible.         | dexter    | 10/02/2018 02:54 PM | Related to #3357                                   |
| 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 |

| #    | Project                         | Tracker | Status      | Priority | Subject   | Assignee   | Updated             | Related issues                                     |
|------|---------------------------------|---------|-------------|----------|---|------------|---------------------|--|
| 3354 | Osmocom.org Servers             | Bug     | New         | Normal   | Gerrit: wrong redirect URL after signing in   |            | 06/18/2018 09:20 PM |  |
| 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                  |
| 3344 | OsmoTRX                         | Feature | New         | Normal   | merge ttsou/siggen  |            | 06/13/2018 07:26 PM |  |
| 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                      |
| 3330 | OsmoBSC                         | Feature | New         | Normal   | osmo-bsc: Implement IMMEDIATE ASSIGNMENT EXTENDED   | sysmocom   | 06/08/2018 12:14 PM | Related to #3330                                   |
| 3329 | OsmoBTS                         | Feature | New         | Normal   | osmo-bts: Implement IMMEDIATE ASSIGNMENT EXTENDED   | sysmocom   | 06/08/2018 12:02 PM | Related to #3330                                   |
| 3324 | OsmoGSMTester                   | Bug     | New         | Normal   | production setup: EC20 fails to enumerate   | lynxis     | 06/23/2018 06:55 PM |  |
| 3322 | Osmocom.org Servers             | Feature | New         | Normal   | Header image needed for our OpenCollective site   | tsaitgaist | 06/06/2018 08:30 PM |  |
| 3320 | OsmoGSMTester                   | Bug     | New         | Normal   | add a README about the python dependencies  | pespin     | 06/06/2018 08:38 AM |  |
| 3315 | rtl-sdr                         | Feature | New         | Normal   | review and possibly apply patches from debian package   | steve-m    | 06/03/2018 01:17 PM |  |
| 3309 | libosmocore                     | Feature | New         | Normal   | osmo_timer_* should use monotonic clock   |            | 05/31/2018 03:59 PM | Related to #3309                                   |
| 3308 | Osmocom.org Servers             | Bug     | New         | Normal   | jenkins: master-asn1c build: "error: 'param' undeclared"  |            | 08/20/2018 04:09 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                                   |
| 3299 | OsmoBTS                         | Bug     | Stalled     | Normal   | osmo_ortp: scheduler is not started   | dexter     | 06/25/2018 08:02 PM |  |
| 3285 | OsmoPCU                         | Feature | New         | Normal   | design + implement tools to analyze inter-PCU cell changes                                      | laforge    | 08/01/2018 11:04 AM | Related to #3284                                   |
| 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                  |
| 3278 | OsmoNITB                        | Bug     | New         | Normal   | Disconnected ESME socket leaves esme entry in smsc->esme_list                                   |            | 05/18/2018 12:04 AM |  |
| 3272 | E1/T1 Hardware Interface        | Feature | New         | Normal   | next-generation osmo-e1-xcvr board  | vogelchr   | 09/10/2018 11:22 AM | Related to #3272                                   |
| 3243 | OsmoBSC                         | Bug     | New         | Normal   | there is MGW config for each separate 'msc', but the MGW settings are stored only once globally |            | 05/07/2018 03:10 PM |  |
| 3240 | gr-osmosdr                      | Bug     | New         | Normal   | Expose airspy gain setting in gr-osmosdr block  |            | 06/03/2018 12:08 PM |  |
| 3237 | E1/T1 Hardware Interface        | Feature | New         | Normal   | Come up with GPS-DO design for E1 Interface   | vogelchr   | 06/01/2018 09:50 PM | Related to #3237,Related to #3272,Related to #3967 |
| 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                                   |
| 3227 | Cellular Network Infrastructure | Feature | New         | Normal   | general idea: separate GSUP spec document   | roh        | 07/17/2019 07:50 PM | Is duplicate of #3227                              |

| #    | Project                                    | Tracker | Status   | Priority | Subject   | Assignee | Updated             | Related issues  |
|------|--|---------|----------|----------|---|----------|---------------------|---|
| 3224 | OsmoSGSN                                   | Bug     | New      | Normal   | verify ciphering after UMTS AKA                                     | lynxis   | 04/15/2019 07:30 AM | Related to #3193,Related to #3224                                   |
| 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  |
| 3203 | osmo-fl2k                                  | Feature | New      | Normal   | have jenkins build verification job                                 | osmith   | 07/24/2019 09:09 AM |   |
| 3201 | Osmocom Conferences (OsmoDevCon + OsmoCon) | Bug     | New      | Normal   | OsmoDevCon: Add one more rectangular table                          |          | 04/23/2018 07:00 PM |   |
| 3200 | Osmocom Conferences (OsmoDevCon + OsmoCon) | Bug     | New      | Normal   | OsmoDevCon: Use loudspeakers even at IN-Berlin                      |          | 04/23/2018 06:53 PM |   |
| 3192 | Cellular Network Infrastructure            | Bug     | New      | Normal   | meas_vis: use the lchan identity as primary key, not the IMSI       | laforge  | 05/08/2019 02:37 PM | Related to #3192,Related to #3192                                   |
| 3190 | OsmoBSC                                    | Bug     | New      | Normal   | RSL DELETE INDication not implemented                               | osmith   | 07/18/2019 05:42 AM |   |
| 3178 | OsmoSGSN                                   | Bug     | Feedback | Normal   | gbproxy: failed to parse invalid BSSGP-UNITDATA message             | pespin   | 09/27/2018 08:53 AM |   |
| 3156 | OsmoMSC                                    | Feature | New      | Normal   | make sure we handle N overlapping CM Service Requests properly      |          | 04/11/2018 11:50 AM | Is duplicate of #3069   |
| 3141 | OsmoTRX                                    | Bug     | New      | Normal   | Refactor / clean up TRX CTRL / DATA interfaces implementation       |          | 04/05/2018 05:46 PM |   |
| 3110 | OsmoMSC                                    | Bug     | New      | Normal   | Test and possibly fix ID Request after Auth failure                 | neels    | 09/30/2018 11:36 AM |   |
| 3097 | OsmoBSC                                    | Feature | New      | Normal   | ramping of "rxlev access min"                                       |          | 03/22/2018 11:51 AM | Related to #3097  |
| 3083 | Osmocom.org Servers                        | Feature | New      | Normal   | migrate trac to new server?   | laforge  | 06/13/2018 09:55 AM |   |
| 3076 | Osmocom.org Servers                        | Feature | Stalled  | Normal   | migrate to new (2018-03) server "host2.osmocom.org"                 | laforge  | 05/29/2018 11:24 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 |   |
| 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   |
| 3068 | OsmoGSMTester                              | Bug     | New      | Normal   | resource objects leaked or destroyed too late                       | pespin   | 03/15/2018 06:36 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  |
| 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 |
| 3052 | OsmoBTS                                    | Bug     | Stalled  | Normal   | osmo-bts-sysmo fails to detect RACH bursts from osmocom-bb          | laforge  | 03/14/2018 05:42 AM |   |

| #    | Project                | Tracker | Status      | Priority | Subject   | Assignee | Updated             | Related issues   |
|------|------------------------|---------|-------------|----------|---|----------|---------------------|--|
| 3046 | OsmoGSMTester          | Bug     | New         | Normal   | ofono: SierraW modem fails to power on  | lynxis   | 03/09/2018 10:58 AM |  |
| 3038 | multi-voltage USB UART | Feature | New         | Normal   | Add mounting holes?   |          | 03/07/2018 02:12 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 |  |
| 3020 | OsmoBSC                | Bug     | New         | Normal   | OsmoBSC PCU socket interface not yet tested by BSC_Tests.ttcn   | laforge  | 05/21/2019 06:29 PM |  |
| 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   |
| 3000 | OsmoBSC                | Bug     | New         | Normal   | OsmoBSC issues "RSL Connect" command too early -> race conditions   |          | 02/25/2018 12:32 PM | Related to #2470,Related to #4179  |
| 2995 | OsmocomBB              | Bug     | New         | Normal   | Wrong parsing of PAGING TYPE 3  |          | 02/24/2018 11:03 PM | Related to #2994   |
| 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   |
| 2977 | OsmoBTS                | Feature | In Progress | Normal   | OsmoBTS measurment processing at L1SAP too complex / pass measurements along with data  | dexter   | 11/11/2019 01:27 PM | Related to #2977,Related to #2977,Related to #3530,Related to #3428,Related to #3395,Related to #2977,Related to #3803 |
| 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                      |
| 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   |
| 2962 | OsmoSGSN               | Bug     | New         | Normal   | Missing TTCN-3 test cases   | lynxis   | 05/30/2018 02:19 PM |  |
| 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 |  |
| 2958 | OsmoSGSN               | Bug     | Stalled     | Normal   | OsmoSGSN doesn't authenticate on second/further ATTACH REQUEST  | lynxis   | 07/18/2019 05:11 AM | Related to #2958   |
| 2957 | OsmoSGSN               | Bug     | New         | Normal   | No timeout during GSUP PURGE MS to HLR  | lynxis   | 04/15/2019 07:36 AM |  |

| #    | Project                        | Tracker | Status      | Priority | Subject   | Assignee        | Updated             | Related issues                         |
|------|--------------------------------|---------|-------------|----------|---|-----------------|---------------------|--|
| 2953 | OsmoSGSN                       | Bug     | New         | Normal   | No timeout waiting for UpdateLocation Response on GSUP  | lynxis          | 05/17/2018 01:57 PM | Related to #2952                       |
| 2951 | OsmoSGSN                       | Bug     | Feedback    | Normal   | OsmoSGSN Accepts two MO L3 Messages with N(U) set to zero   | osmith          | 09/11/2019 12:24 PM |  |
| 2949 | OsmoBSC                        | Feature | New         | Normal   | use RR Assignment for Handover within a cell  |                 | 02/16/2018 02:52 PM | Related to #3357,Is duplicate of #3277 |
| 2946 | OsmoGGSN (former OpenGGSN)     | Feature | New         | Normal   | Add test suite for sgsnemu  | pespin          | 05/30/2018 02:18 PM |  |
| 2945 | Osmocom.org Servers            | Feature | New         | Normal   | Use "--config-cache" configure option to speed up builds  | zecke           | 02/14/2018 09:50 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 |  |
| 2941 | OsmoGSMTester                  | Bug     | New         | Normal   | ofono: SierraW sometimes crashing while deactivating a context.                                     | lynxis          | 02/13/2018 04:16 PM |  |
| 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 |  |
| 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 |  |
| 2916 | OsmoMSC                        | Bug     | New         | Normal   | asan failure on debian unstable in msc_vlr_test_gsm_ciph  |                 | 02/09/2018 04:20 PM |  |
| 2906 | OsmoBTS                        | Bug     | New         | Normal   | gsm_pchan2chan_nr asserts GSM_PCHAN_CCCH: lchan_nr == 0   | pespin          | 04/04/2018 08:43 AM |  |
| 2905 | libosmocore                    | Feature | Feedback    | Normal   | implement proper/generic mandatory IE validation  | fixeria         | 09/26/2018 11:03 PM |  |
| 2895 | OsmoMSC                        | Bug     | New         | Normal   | OsmoMSC excessively uses LU Reject Cause 22 (congestion)  | osmith          | 07/18/2019 05:41 AM |  |
| 2888 | OsmoSTP                        | Bug     | New         | Normal   | OsmoSTP has no TTCN-3 testsuite   | laforge         | 11/12/2019 11:59 AM |  |
| 2883 | OsmoMSC                        | Bug     | New         | Normal   | GSUP encoding of MSISDN is wrong  | sysmocom        | 08/08/2018 11:03 AM |  |
| 2877 | OsmoMSC                        | Bug     | New         | Normal   | OsmoMSC fails on bearer capability without octet 3a   | osmith          | 07/18/2019 05:45 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 |  |
| 2861 | OsmoGSMTester                  | Feature | New         | Normal   | osmo-gsm-tester: Add 3g support for sysmocell-5k  | osmo-gsm-tester | 05/30/2018 02:58 PM | Related to #2860                       |
| 2860 | OsmoGSMTester                  | Feature | New         | Normal   | osmo-gsm-tester: Add 3g support with nano3G board   | pespin          | 09/20/2019 11:41 AM | Related to #2860                       |
| 2851 | OsmoMSC                        | Bug     | Stalled     | Normal   | a_iface.c:534 Unhandled SIGTRAN primitive: 3:2  |                 | 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 |  |
| 2815 | linmodem                       | Feature | New         | Normal   | modern ptmx / pty handling (UNIX 98)  |                 | 01/01/2018 02:48 PM |  |
| 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 |  |
| 2812 | Retro-Networking / BBS-Revival | Feature | In Progress | Normal   | Build mixed ISDN / analog telephone network   |                 | 10/04/2019 07:40 AM |  |
| 2811 | Retro-Networking / BBS-Revival | Bug     | In Progress | Normal   | collect ISDN cards / adapters   |                 | 10/10/2019 07:29 PM |  |

| #    | Project                         | Tracker | Status      | Priority | Subject  | Assignee        | Updated             | Related issues  |
|------|---------------------------------|---------|-------------|----------|--|-----------------|---------------------|---|
| 2810 | Retro-Networking / BBS-Revival  | Feature | In Progress | Normal   | collect analog modems  |                 | 10/10/2019 07:29 PM |   |
| 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 |   |
| 2801 | linmodem                        | Feature | New         | Normal   | V.90 completion  |                 | 01/01/2018 12:18 PM |   |
| 2800 | linmodem                        | Feature | New         | Normal   | Interop testing with real modems   |                 | 01/01/2018 12:16 PM |   |
| 2799 | linmodem                        | Feature | New         | Normal   | SIP client support   |                 | 01/01/2018 12:04 PM |   |
| 2798 | linmodem                        | Feature | New         | Normal   | ALSA Soundcard Support   |                 | 01/01/2018 12:02 PM |   |
| 2797 | linmodem                        | Bug     | New         | Normal   | X11 support is 16bit plane only  |                 | 01/01/2018 02:48 PM |   |
| 2796 | OsmoHLR                         | Bug     | In Progress | Normal   | OsmoHLR doesn't update VLR during UpdateLocation   | neels           | 10/08/2018 10:15 PM | Related to #3154,Related to #3355,Related to #3356,Related to #3601 |
| 2795 | OsmoMSC                         | Feature | New         | Normal   | Handle UTRAN_CLSM_CHG in MSC   | neels           | 04/30/2018 12:06 PM | Related to #3043  |
| 2791 | Cellular Network Infrastructure | Bug     | New         | Normal   | osmo-python-tests: osmo_ctrl.py: there is no argument to get the list of available stats | lynxis          | 05/08/2019 02:43 PM |   |
| 2788 | OsmoMSC                         | Feature | New         | Normal   | OsmoMSC should handle CM Service Abort message   | neels           | 01/04/2018 10:37 AM |   |
| 2781 | OsmoBSC                         | Feature | New         | Normal   | Extend OsmBSC TTCN-3 test coverage regarding resource leaks                              |                 | 07/18/2019 05:04 AM | Related to #2781  |
| 2764 | SDR (Software Defined Radio)    | Support | New         | Normal   | osmocom_fft & siggen can't access the X display  |                 | 12/15/2017 06:09 PM |   |
| 2728 | Cellular Network Infrastructure | Bug     | Stalled     | Normal   | Align better with 48.103 for AoIP user plane (AMR marker bit for frame following ONSET)  |                 | 09/04/2019 09:34 AM | Related to #3798  |
| 2724 | OsmoBSC                         | Feature | New         | Normal   | Improve default timers   | laforge         | 01/04/2018 11:06 AM | Related to #2724  |
| 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  |
| 2712 | libosmocore                     | Feature | New         | Normal   | implement reproducible talloc context printout, i.e. without memory addresses            | Hoernchen       | 07/11/2019 03:54 PM | Related to #2781  |
| 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 |   |
| 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 |   |
| 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                                   |
| 2697 | osmo-qcdiag                     | Feature | New         | Normal   | Create and add debian packages for osmo-qcdiag to osmocom debian repositories            |                 | 11/30/2017 06:03 PM |   |
| 2694 | OsmocomBB                       | Bug     | New         | Normal   | SIGSEGV in lapdm code  |                 | 11/30/2017 08:45 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 |                               |
| 2690 | OsmocomBB           | Bug     | New         | Normal   | ASAN issue on shutdown/no shutdown SYSINFO access    |          | 11/29/2017 09:33 AM |                               |
| 2688 | libosmocore         | Bug     | New         | Normal   | CTRL iface: make rate_ctr request parser more strict |          | 11/29/2017 01:40 PM |                               |
| 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 |
| 2682 | libosmocore         | Feature | New         | Normal   | replace legacy counters with rate_ctr                |          | 09/04/2019 09:21 AM |                               |
| 2681 | Osmocom.org Servers | Bug     | New         | Normal   | bogus user accounts + spam                           |          | 11/23/2017 06:59 PM |                               |

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