

## Issues

| #    | Project                               | Tracker | Status  | Priority | Subject   | Assignee | Updated             | Related issues   |
|------|---------------------------------------|---------|---------|----------|---|----------|---------------------|--|
| 4857 | osmo-clock-gen                        | Bug     | Stalled | Normal   | FLV9001IDBVR no longer in stock ag digikey  | mschramm | 04/10/2021 10:22 PM |  |
| 4614 | OsmoBSC                               | Bug     | Stalled | Low      | "bogus channel load sample" when using BS-11, Nokia or Ericsson BTS               | laforge  | 02/13/2021 05:34 PM |  |
| 2851 | OsmoMSC                               | Bug     | Stalled | Normal   | a_iface.c:534 Unhandled SIGTRAN primitive: 3:2                                    |          | 07/18/2019 05:45 AM |  |
| 5242 | OsmoBTS                               | Bug     | Stalled | Normal   | A-bis/RSL: CRCX ACK indicates '0.0.0.0' as the local/bind address                 | fixeria  | 05/01/2022 01:15 PM |  |
| 1526 | OsmoPCU                               | Feature | Stalled | Normal   | Acquire/update timing advance (TA)  | fixeria  | 03/25/2021 12:04 PM | Related to #1545, Related to #1531, Related to #1524, Related to #3472, Related to #2977 |
| 2409 | OsmocomBB                             | Feature | Stalled | High     | Add GPRS support to virt_phy and L1CTL  | fixeria  | 08/19/2022 03:06 PM |  |
| 3458 | OsmocomBB SDR PHY                     | Bug     | Stalled | Normal   | apps/grgsm_trx: [ERROR] [STREAMER] recv packet demuxer unexpected sid 0xXX        |          | 07/09/2023 07:48 PM | Related to #3692   |
| 3459 | OsmocomBB SDR PHY                     | Bug     | Stalled | Normal   | apps/grgsm_trx: AssertionError: packet_info.packet_count == (seq_to_ack & 0xffff) |          | 07/09/2023 07:48 PM |  |
| 2893 | OsmoBSC                               | Feature | Stalled | Low      | automatic simulator for large LU load   |          | 09/04/2019 09:23 AM | Related to #2722, Related to #2591, Blocks #2893, Blocks #2893                           |
| 6394 | OsmoUPF                               | Feature | Stalled | Low      | Basic URR (Usage Reporting Rule) support for tunnel mapping                       |          | 03/22/2024 08:08 AM | Related to #6395   |
| 5694 | OCTOI - Osmocom Community TDM over IP | Bug     | Stalled | Normal   | BERT testing  | laforge  | 12/31/2022 08:24 PM |  |
| 1614 | OsmoBSC                               | Bug     | Stalled | Normal   | better identification of BTS model / capabilities to BSC                          |          | 05/12/2020 12:11 PM | Related to #1614, Related to #2316, Related to #2317, Related to #3799, Related to #3938 |
| 5564 | OsmoMSC                               | Bug     | Stalled | High     | blocking database I/O by SMS database   | laforge  | 05/16/2022 08:20 PM | Related to #5564, Related to #5566, Related to #5564                                     |
| 4801 | OsmoBTS                               | Bug     | Stalled | Normal   | BTS_Tests.TC_tch_sign_i2_fill_frame_dtxd fails                                    | fixeria  | 11/15/2023 08:32 AM | Related to #4801, Related to #5474   |
| 3735 | OsmoMSC                               | Bug     | Stalled | Normal   | call arriving during another call has no voice                                    | neels    | 06/18/2019 09:18 PM |  |

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|------|------------------------------|---------|---------|----------|---|----------|---------------------|---|
| 5419 | SIMtrace 2                   | Bug     | Stalled | High     | cardem errors with higher baud rate   | laforge  | 11/07/2022 06:22 PM |   |
| 3568 | OsmoBTS                      | Bug     | Stalled | High     | CBCH on SDCCH/8 not working for osmo-bts-sysmo                                  | laforge  | 01/14/2019 03:29 PM |   |
| 4867 | OsmoPCU                      | Bug     | Stalled | Normal   | Cinterion BGS2T failing to attach (no Attach Complete ever sent)                | pespin   | 11/30/2020 09:48 AM |   |
| 1671 | OsmoNITB                     | Bug     | Stalled | Low      | Combined 850/1800 NITB not seen by Option Icon2 stick                           |          | 03/05/2018 07:35 PM |   |
| 5308 | OsmoBSC                      | Bug     | Stalled | Normal   | confusion around mgw e1 line vs trunk dichotomy                                 | dexter   | 12/13/2021 03:52 PM |   |
| 1545 | OsmoPCU                      | Feature | Stalled | Normal   | continuous timing advance loop using PTCCCH                                     | fixeria  | 03/24/2020 09:49 PM | Related to #1545,Related to #4102,Related to #4500,Blocks #1545     |
| 4365 | OsmoTRX                      | Support | Stalled | Normal   | Create testsuite to test osmo-bts-trx+osmo-trx under high channel load          | dexter   | 09/03/2020 10:33 AM | Related to #4366  |
| 6317 | pySim                        | Bug     | Stalled | Normal   | data driven tests for TLV decoders  | laforge  | 02/15/2024 09:21 PM |   |
| 1627 | OsmocomBB                    | Support | Stalled | Low      | DCS_8BIT and DCS_UCS2 encoding supprot  |          | 07/16/2018 06:53 PM |   |
| 5892 | SDR (Software Defined Radio) | Feature | Stalled | Low      | design/build ext clock input board for PlutoSDR Rev.B                           | laforge  | 10/18/2023 05:23 PM |   |
| 5760 | Core testing infrastructure  | Feature | Stalled | Normal   | Develop TTCN-3 test suite for MME   | dexter   | 10/04/2023 01:51 PM |   |
| 1912 | SIMtrace 2                   | Feature | Stalled | Low      | do proper re-layout of the board  | mschramm | 10/20/2020 08:39 AM | Related to #4118  |
| 3379 | SIMtrace 2                   | Bug     | Stalled | High     | documentation on how to use SIMtrace2   | laforge  | 11/14/2022 05:31 PM | Related to #3379  |
| 4771 | OsmoBTS                      | Bug     | Stalled | High     | Don't log NOTICE messages on missing uplink bursts                              | fixeria  | 11/16/2021 03:05 PM |   |
| 4879 | OsmoPCU                      | Bug     | Stalled | High     | endless pdch.cpp:809 Got CS-N RLC block: R=0, SI=0, TFI=0, CPS=0, RSB=0, rc=264 | fixeria  | 07/28/2023 02:46 PM |   |
| 1823 | OsmoPCU                      | Feature | Stalled | Low      | Ericsson PCU TRAU frame encoding/decoding                                       |          | 09/04/2019 09:26 AM | Related to #5198  |
| 5665 | Core testing infrastructure  | Bug     | Stalled | Normal   | ERROR: files left in build directory after distclean: ./tests/core              | fixeria  | 11/14/2023 12:39 PM | Related to #5665,Related to #5858                                   |
| 3155 | OsmoBTS                      | Feature | Stalled | High     | execute BTS_Tests.ttcn with real (C123) phone hardware in LTHW setup            | pespin   | 12/04/2020 07:30 PM | Related to #3353,Related to #3155                                   |
| 5691 | libosmo-abis                 | Feature | Stalled | Normal   | Expose DAHDI statistics to prometheus   | laforge  | 01/05/2023 06:06 PM |   |
| 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 |

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| 1597 | OsmoMSC                         | Feature | Stalled | Low      | External interface for USSD  | fixeria  | 11/27/2018 11:08 PM | Related to #1597, Related to #3433   |
| 4692 | Core testing infrastructure     | Feature | Stalled | Normal   | finally implement testing of the actual voice audio path                         | laforge  | 04/19/2021 06:27 PM |  |
| 4522 | osmo-gbproxy                    | Feature | Stalled | High     | gbproxy: Redundancy within proxy pair  | daniel   | 07/09/2021 06:43 PM |  |
| 4891 | osmo-gbproxy                    | Bug     | Stalled | Normal   | gbproxy2: Implement processing of BVC-Flow-Control via BVC FSM                   | daniel   | 10/25/2021 05:51 AM | Related to #4891   |
| 2514 | GSM Audio Pocket Knife          | Bug     | Stalled | Normal   | GSM HR encoding result does not match the reference                              | fixeria  | 04/03/2019 08:37 AM |  |
| 4306 | Distributed GSM                 | Feature | Stalled | Low      | GSUP proxy cache: store data persistently  |          | 05/20/2020 09:18 PM | Precedes #4306   |
| 4305 | Distributed GSM                 | Feature | Stalled | Low      | GSUP proxy: cache auth tuples to re-use / fall back to simpler auth methods      |          | 04/28/2020 02:37 PM | Precedes #4306   |
| 2604 | Cellular Network Infrastructure | Feature | Stalled | High     | GSUP-to-DIAMETER converter / IWF   | laforge  | 02/29/2020 11:27 AM | Related to #5646   |
| 3659 | OsmoBSC                         | Feature | Stalled | High     | handover during LCLS directly between BTSs                                       | dexter   | 05/22/2023 09:23 AM | Related to #3659, Related to #3659, Related to #3659, Related to #3659, Related to #3659, Related to #3783 |
| 2542 | OsmoHLR                         | Feature | Stalled | Low      | have subscriber create-on-demand   | osmith   | 03/10/2022 03:40 PM | Related to #2541, Related to #5183   |
| 4070 | OsmoBSC                         | Bug     | Stalled | Normal   | Implement IPA PING/PONG mechanism on RSL and OML                                 | osmith   | 09/30/2020 08:13 PM | Related to #5785   |
| 6135 | OsmoHLR                         | Feature | Stalled | Normal   | Implement routing of SMS-over-GSUP messages between connected MSC/VLRs and SMSCs | falconia | 01/09/2024 01:11 PM | Related to #6312   |
| 3620 | OsmoMSC                         | Feature | Stalled | Normal   | Implement TTCN-3 testsuite for Inter-MSC HO                                      | neels    | 09/04/2019 09:08 AM |  |
| 3222 | OsmoTRX                         | Bug     | Stalled | Low      | include (tested) example config files for usrp1, uhd/b200 as well as umtrx       | tnt      | 10/20/2018 07:27 PM |  |
| 1461 | OsmocomBB                       | Feature | Stalled | High     | include some version information / negotiation in the L1CTL protocol             | fixeria  | 10/27/2021 10:17 PM | Related to #1461, Related to #5815   |
| 1725 | OsmoNITB                        | Bug     | Stalled | Low      | iPhone6 network selection issue with GSM1900                                     |          | 03/05/2018 07:35 PM |  |
| 4383 | pySim                           | Bug     | Stalled | High     | Jenkins build verification is non-deterministic                                  | dexter   | 04/06/2021 04:58 PM | Related to #4384, Related to #5127   |
| 5276 | SIMtrace 2                      | Feature | Stalled | Normal   | jenkins CI integration like for osmo-ccid-firmware                               | roh      | 11/14/2022 05:24 PM | Related to #5422   |

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| 4384 | pySim                                 | Feature | Stalled | Normal   | Jenkins program-read verification on daily (or weekly) basis        | dexter    | 03/27/2023 04:13 PM | Related to #4384   |
| 1655 | OsmoSGSN                              | Feature | Stalled | Normal   | KPIs for OsmoSGSN   |           | 01/08/2020 10:49 PM | Related to #1652,Related to #1655,Related to #1655   |
| 4731 | libosmcore                            | Bug     | Stalled | Normal   | LAPDm does not implement SAPI priorities between data link layers   | fixeria   | 08/28/2020 11:21 AM | Related to #4731,Related to #4731  |
| 6136 | OsmoMGW                               | Feature | Stalled | Normal   | libosmo-mgcp-client should ignore unknown codecs in SDP             | jolly     | 12/07/2023 06:27 AM | Related to #6136,Related to #6177,Blocks #6136   |
| 5034 | libosmcore                            | Feature | Stalled | Low      | logging: Enable category name instead of hex val by default         | pespin    | 06/12/2021 05:40 PM | Related to #6272   |
| 4452 | OsmoPCU                               | Bug     | Stalled | Normal   | manual testing of osmo-pcu  |           | 07/28/2023 02:48 PM |  |
| 3699 | Cellular Network Infrastructure       | Feature | Stalled | Low      | merge Debian patches  | Hoernchen | 01/08/2020 10:24 PM | Related to #3699,Related to #3753  |
| 4023 | OsmoBTS                               | Bug     | Stalled | Normal   | Missing coverage of PCU interface in osmo-bts                       |           | 03/21/2023 01:07 PM | Related to #4023   |
| 3926 | OsmoPCU                               | Bug     | Stalled | High     | Missing PCU_Tests.ttcn DL TBF tests                                 | pespin    | 03/01/2021 11:06 AM |  |
| 3928 | OsmoPCU                               | Bug     | Stalled | High     | Missing PCU_Tests.ttcn for various timers / time-outs               | pespin    | 11/15/2021 05:46 PM | Related to #5033   |
| 3399 | OsmocomBB                             | Feature | Stalled | High     | mobile: refactor / finish external MNCC handler implementation      | fixeria   | 10/04/2018 09:07 PM |  |
| 5434 | OCTOI - Osmocom Community TDM over IP | Feature | Stalled | Normal   | more statistics / counters  |           | 12/03/2023 11:17 AM |  |
| 5501 | OsmocomBB                             | Feature | Stalled | Normal   | MS-side GPRS Mobility Management (GMM) + Session Management (SM)    | pespin    | 09/14/2023 04:03 PM | Related to #5501,Related to #5502,Related to #5504,Related to #5505  |
| 5502 | OsmocomBB                             | Feature | Stalled | Normal   | MS-side LLC implementation  | pespin    | 09/14/2023 03:59 PM | Related to #5502,Related to #5502  |
| 2487 | OsmoMSC                               | Feature | Stalled | Normal   | MSC side of LCLS (local call local switching) as per the 3GPP specs | keith     | 10/17/2022 04:31 AM | Related to #1602,Related to #3659,Related to #3691,Related to #3618,Related to #3294,Related to #5712,Blocks #2487 |

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| 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 |
| 1831 | OsmoPCU                               | Bug     | Stalled | Low      | No handling for padding octets(LI 127) for EGPRS. row 3rd of Table 10.4.14a.1 TS 44.060 version 7.27.0 Release | pespin    | 10/20/2020 08:39 AM |  |
| 5693 | OCTOI - Osmocom Community TDM over IP | Bug     | Stalled | Normal   | no progress tones in yate  |           | 12/03/2023 11:10 AM |  |
| 1838 | OsmoPCU                               | Bug     | Stalled | Normal   | Nokia E52 doest reply to PUAN message properly   |           | 10/29/2017 06:47 PM |  |
| 2807 | Z-Netz                                | Bug     | Stalled | Normal   | Obtain ZERBERUS software build[s] and manual[s]  | laforge   | 01/01/2020 01:51 PM |  |
| 4542 | OsmoGSMTester                         | Bug     | Stalled | Normal   | ofono: crash in drivers/qmimodem/gprs.c:extract_ss_info()  | pespin    | 07/30/2021 10:30 AM |  |
| 4832 | OsmoBSC                               | Bug     | Stalled | Low      | osmo-bsc hard-releases lchan if no MSC is found  | neels     | 10/18/2022 09:41 PM | Related to #4832,Related to #4832,Related to #5337                       |
| 4500 | OsmoBTS                               | Bug     | Stalled | Normal   | osmo-bts-{sysmo,oc2g,litecell15}: PTCCH/U is not enabled on PDCH timeslots                                     | fixeria   | 06/25/2020 04:48 PM | Related to #4500,Related to #4500,Related to #4501                       |
| 4592 | OsmoBTS                               | Bug     | Stalled | Low      | osmo-bts-trx: make sure that handover detection works  | fixeria   | 06/21/2020 03:10 PM | Related to #4592   |
| 2979 | OsmoBTS                               | Bug     | Stalled | Low      | osmo-bts-virtual reports bogus measurement values  | laforge   | 07/18/2019 06:06 AM |  |
| 4131 | Cellular Network Infrastructure       | Bug     | Stalled | Low      | osmo-gsm-manuals: Use leveloffset attribute on common documents  | osmith    | 12/01/2019 09:48 AM | Related to #4140   |
| 4151 | OsmoGSMTester                         | Bug     | Stalled | Normal   | osmo-gsm-tester: osmo-trx-lms process sometimes kept forever in zombie-alike state after killing it            |           | 09/30/2020 08:08 PM | Related to #4151   |
| 2197 | OsmoGSMTester                         | Feature | Stalled | Normal   | osmo-gsm-tester: use MNCC interface  |           | 11/30/2017 10:41 AM | Related to #2194,Is duplicate of #2197                                   |
| 4947 | OsmoPCU                               | Bug     | Stalled | Normal   | osmo-pcu: Handling for Pkt Resource Req using Global TFI not implemented                                       | pespin    | 12/22/2022 01:04 PM |  |
| 4409 | osmo-remsim                           | Bug     | Stalled | Low      | osmo-remsim-client-st2 (or firmware?) gets stuck on PTS  | Hoernchen | 02/06/2021 08:55 AM |  |
| 5578 | SIMtrace 2                            | Bug     | Stalled | Low      | osmo-remsim-client-st2 hangs after usb-reset without power loss on qmod  | laforge   | 01/31/2023 08:25 PM | Related to #5921   |

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| 1683 | osmo-sip-connector     | Bug     | Stalled | Low      | osmo-sip-connector: Implement codec selection / move codec selection to osmo-msc       | neels     | 09/23/2020 02:02 PM | Related to #1683, Related to #1683, Related to #1683, Related to #3650, Related to #5177                                     |
| 3341 | OsmoTRX                | Bug     | Stalled | High     | osmo-trx-lms RF Envelope FAIL on LimeSDR, but not on LimeSDR-mini                      |           | 09/30/2020 08:08 PM | Related to #3341, Related to #3861, Blocks #3341   |
| 3342 | OsmoTRX                | Bug     | Stalled | Normal   | osmo-trx-lms: low tx output power level  | Hoernchen | 04/06/2022 09:25 AM | Related to #3342, Blocks #3342   |
| 4362 | OsmoTRX                | Feature | Stalled | Normal   | osmo-trx-lms: Support multi-arfcn feature  |           | 09/30/2020 08:09 PM | Related to #4362, Related to #4362   |
| 3806 | OsmoBSC                | Bug     | Stalled | Normal   | OsmoBSC accepts BSSAP with wrong length field  |           | 08/28/2020 08:15 PM | Related to #3806   |
| 2545 | OsmoBSCNAT             | Feature | Stalled | Low      | OsmoBSCNAT misses 3GPP AoIP  | osmith    | 10/12/2022 01:15 PM | Related to #5152, Related to #5359, Related to #5574   |
| 2977 | OsmoBTS                | Feature | Stalled | Normal   | OsmoBTS measurment processing at L1SAP too complex / pass measurements along with data | dexter    | 05/18/2020 06:47 PM | Related to #2977, Related to #2977, Related to #3530, Related to #3428, Related to #3395, Related to #2977, Related to #3803 |
| 4829 | OsmocomBB              | Bug     | Stalled | High     | OsmocomBB Rx bit errors in dedicated mode  | laforge   | 02/06/2021 09:11 AM | Related to #4832   |
| 4476 | IMSI Pseudonymization  | Feature | Stalled | Normal   | OsmoHLR: support IMSI pseudo in location update  | neels     | 05/27/2020 01:11 PM | Blocks #4477   |
| 5559 | OsmoMSC                | Bug     | Stalled | Urgent   | OsmoMSC at 100% CPU and unresponsive for up to several minutes!                        | laforge   | 08/04/2022 08:14 AM | Related to #5563   |
| 5563 | OsmoMSC                | Bug     | Stalled | High     | OsmoMSC sometimes stalls for dozens of seconds in a production deployment              | laforge   | 08/04/2022 08:15 AM | Related to #5564, Related to #5563, Related to #5566   |
| 2958 | OsmoSGSN               | Bug     | Stalled | Normal   | OsmoSGSN doesn't authenticate on second/further ATTACH REQUEST                         |           | 01/08/2020 10:49 PM | Related to #2958, Related to #4221   |
| 3566 | Misc Hardware Projects | Feature | Stalled | Normal   | power supply / battery / charge for our GSM-R OPS 940                                  | laforge   | 04/02/2023 09:05 AM |  |

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| 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                                 |
| 3775 | OsmoTRX                               | Bug     | Stalled | Normal   | properly debug limesdr usb and limesdr mini clocking requirements and osmo-trx support               |          | 09/30/2020 08:09 PM | Blocks #3341, Blocks #3342, Blocks #3775   |
| 5630 | pySim                                 | Bug     | Stalled | Normal   | pySim-trace doesn't support decoding classic SIM cards (TS 11.11 / TS 51.011)                        | laforge  | 07/24/2022 11:06 AM |  |
| 3420 | libosmo-ranap                         | Bug     | Stalled | Normal   | ranap_transp_assoc_decode() decodes X.213 NSAP address headers as IP address                         | osmith   | 07/17/2021 10:14 AM |  |
| 1705 | SIMtrace 2                            | Bug     | Stalled | High     | re-integrate tracing + card reader modes into SIMtrace2 firmware (SAM3S)                             | laforge  | 04/06/2021 01:19 AM | Related to #1705, Related to #3379   |
| 3423 | OsmocomBB SDR PHY                     | Feature | Stalled | Normal   | Receiver: hard-coded GSM 05.02 channel configuration   |          | 07/09/2023 07:45 PM |  |
| 3425 | OsmocomBB SDR PHY                     | Bug     | Stalled | Normal   | Receiver: missing AGC (Automatic Gain Control)   |          | 07/09/2023 07:44 PM |  |
| 3422 | OsmocomBB SDR PHY                     | Bug     | Stalled | Normal   | Receiver: sample / burst buffering problem   |          | 07/09/2023 07:39 PM |  |
| 4917 | osmo-e1d                              | Feature | Stalled | Normal   | reporting of alarms/errors known to the icE1usb  | laforge  | 04/10/2022 10:36 AM |  |
| 4404 | IMSI Pseudonymization                 | Feature | Stalled | Normal   | Research: Make sure that we can silently detach the IMSI   |          | 04/15/2020 10:06 AM | Related to #4404, Related to #4480   |
| 5696 | OsmoPCU                               | Bug     | Stalled | Normal   | RLC/MAC: poll timeout when assigning a multi-slot DL TBF   | fixeria  | 10/05/2022 11:01 AM |  |
| 5301 | Core testing infrastructure           | Bug     | Stalled | Normal   | Run TTCN3 docker tests with sanitizer enabled  | osmith   | 03/20/2024 09:28 AM | Related to #5302   |
| 5417 | OCTOI - Osmocom Community TDM over IP | Feature | Stalled | Low      | S/T (S0) ISDN BRI adapter with VCXO / GPS-DO   | laforge  | 05/16/2023 08:06 AM | Related to #5436   |
| 5826 | SIMtrace 2                            | Feature | Stalled | Normal   | SAM4S4BA support in firmware   | laforge  | 01/31/2023 08:06 PM | Related to #5826   |
| 2555 | OsmocomBB                             | Feature | Stalled | Normal   | script interface to OsmocomBB "mobile"   | zecke    | 06/08/2020 07:07 PM | Related to #2555, Related to #2555, Blocks #2893                                     |
| 2558 | Cellular Network Infrastructure       | Feature | Stalled | Normal   | Scripts to manage thousands of "mobile" and hundreds of osmo-bts-virtual instances                   |          | 06/08/2020 07:07 PM | Related to #2557, Related to #2556, Related to #2555, Related to #2558, Blocks #2893 |

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| 2497 | OsmoGSMTester               | Support | Stalled | Normal   | Set up SIM cards with auth algo other than comp128v1                              | daniel   | 10/15/2019 11:44 AM | Related to #2475   |
| 3863 | OsmoBTS                     | Support | Stalled | Normal   | setup testing of osmo-bts-oc2g on real hardware with ttcn3 and osmocon/osmocom-bb |          | 12/01/2019 10:52 AM |  |
| 5568 | OsmoMSC                     | Bug     | Stalled | Low      | SMPP socket doesn't use TCP_NODELAY   | osmith   | 10/31/2023 09:36 AM |  |
| 1587 | OsmoSGSN                    | Feature | Stalled | Normal   | SMS over GPRS support   |          | 11/25/2018 08:14 PM | Related to #3587   |
| 3569 | OsmoBTS                     | Bug     | Stalled | Normal   | Some phones don't receive SMSCB   | laforge  | 01/14/2019 03:32 PM |  |
| 3445 | OsmoMSC                     | Feature | Stalled | Normal   | SS/USSD: clean up the local GSM 04.80 API   |          | 12/14/2018 01:57 PM |  |
| 3717 | OsmoHLR                     | Bug     | Stalled | High     | SS/USSD: fix SS session inactivity timeout  | fixeria  | 12/05/2018 08:45 PM |  |
| 3812 | libosmo-netif               | Bug     | Stalled | Normal   | stream_test fails depending on where it is run                                    |          | 03/13/2019 04:15 PM |  |
| 5759 | OsmoSGSN                    | Feature | Stalled | Normal   | Support for Mobility between SGSN (2G/3G) and S-GW (4G)                           | dexter   | 12/07/2023 12:40 PM | Related to #5759   |
| 4716 | OsmoBSC                     | Feature | Stalled | Normal   | support handover between different codec types, like TCH/F FR1 <-> TCH/H HR1      | neels    | 10/28/2020 08:22 PM | Related to #4717   |
| 1794 | OsmoSGSN                    | Bug     | Stalled | Normal   | support random IV for GEA (via XID)   |          | 03/01/2018 11:17 PM | Related to #1910, Related to #1672, Related to #2843, Blocks #1794, Blocks #1582 |
| 4822 | osmo-ccid-firmware          | Bug     | Stalled | Low      | sysmoOCTSIM with osmo-ccid-firmware sometimes fails to enumerate on USB           |          | 11/05/2021 05:19 PM |  |
| 4534 | Ericsson RBS 6xxx           | Support | Stalled | Normal   | Take pictures of RBS6k gear for documentation                                     | roh      | 05/20/2020 03:19 PM |  |
| 4841 | OsmoMGW                     | Feature | Stalled | Low      | TC_e1_crcx_and_dlcx_ep does not pass - move the IPA code out of libosmo-abis      | dexter   | 10/11/2021 10:10 AM | Related to #4841, Related to #4841   |
| 6023 | Core testing infrastructure | Feature | Stalled | Normal   | test rack/lab power management software with usage/reference counting             | laforge  | 10/18/2023 05:42 PM |  |
| 3294 | OsmoMSC                     | Bug     | Stalled | High     | transaction: refactor callref allocation  | neels    | 12/16/2019 02:37 PM | Related to #3294, Related to #3294, Related to #4333, Related to #4854           |
| 3424 | OsmocomBB SDR PHY           | Feature | Stalled | Normal   | Transceiver: implement automatic TX delay measurement                             |          | 07/09/2023 07:46 PM |  |
| 2400 | OsmoPCU                     | Bug     | Stalled | High     | transmit SI13 on PACCH during long TBFs   | fixeria  | 05/12/2020 12:19 PM | Related to #2400, Related to #3472, Related to #4506                             |



| #    | Project                         | Tracker | Status   | Priority | Subject   | Assignee  | Updated             | Related issues   |
|------|---------------------------------|---------|----------|----------|---|-----------|---------------------|--|
| 4006 | Cellular Network Infrastructure | Feature | Stalled  | Normal   | TRX protocol: wind of change  | fixeria   | 10/27/2021 10:22 PM | Related to #4006, Related to #4006, Related to #4006, Related to #4081, Related to #4658, Related to #4941, Related to #5283 |
| 4073 | Cellular Network Infrastructure | Feature | Stalled  | Low      | try to get counter and vty reference information at compile time                                    | Hoernchen | 02/06/2021 02:17 PM | Related to #4073, Related to #4848   |
| 4005 | OsmoMGW                         | Bug     | Stalled  | Normal   | TTCN3 crashes when receiving an RTP MGCP_DUMMY_LOAD from osmo-mgw during CRCX                       | dexter    | 06/14/2021 08:31 AM | Related to #4005   |
| 6352 | Cellular Network Infrastructure | Bug     | Stalled  | Low      | ttn3-bts-test[-latest] is broken since Feb 1st / docker and multicast                               | osmith    | 03/06/2024 03:57 PM |  |
| 4576 | Core testing infrastructure     | Bug     | Stalled  | High     | ttn3-hlr-tests need to route multicast traffic between ttn3-hlr-test and osmo-hlr-master containers | neels     | 10/28/2020 09:48 PM |  |
| 6411 | Cellular Network Infrastructure | Bug     | Stalled  | Normal   | ttn3: execute testsuites with a more realistic link performance                                     |           | 04/03/2024 06:25 PM |  |
| 5714 | pySim                           | Bug     | Stalled  | Normal   | update_record_decoded does not use real record length when writing EF.MSISDN                        | dexter    | 09/17/2023 09:46 AM |  |
| 4916 | osmo-e1d                        | Bug     | Stalled  | High     | USB unplug / replugin renders e1d unusable  | laforge   | 12/04/2023 12:34 PM | Related to #5983   |
| 4940 | OsmoBSC                         | Feature | Stalled  | High     | VAMOS support in OsmoBSC  | neels     | 08/11/2021 02:47 PM | Related to #4941   |
| 4941 | OsmoBTS                         | Feature | Stalled  | Normal   | VAMOS support in OsmoBTS  | fixeria   | 03/18/2022 01:19 AM | Related to #4941, Related to #4941, Blocks #4941   |
| 1768 | OsmoSGSN                        | Bug     | Stalled  | Low      | VTY show llc displays State TLLI Unassigned permanently   |           | 01/08/2020 10:52 PM |  |
| 5527 | osmo-remsim                     | Bug     | Stalled  | High     | warn on duplicate client (id) connections   | laforge   | 07/13/2022 01:25 PM | Related to #5527   |
| 4658 | OsmocomBB                       | Bug     | Stalled  | High     | Wrong burst order in a multi-trx setup  | fixeria   | 09/14/2020 10:18 AM | Related to #4658, Related to #4658   |
| 1759 | OsmoPCU                         | Bug     | Stalled  | High     | Wrong calculation of DL window size for DL assignment   |           | 01/22/2020 04:01 PM | Related to #1533, Related to #1524   |
| 6233 | libosmocore                     | Bug     | Feedback | Normal   | --enable-embedded build fails if pkg-config can't find some of the (disabled) dependencies          | Hoernchen | 11/24/2023 04:15 PM |  |
| 4700 | libosmocore                     | Bug     | Feedback | Normal   | 'socket' C test fails when there is no IPv6   | neels     | 03/24/2021 12:33 PM |  |
| 6197 | OsmoSGSN                        | Bug     | Feedback | Low      | "Cannot handle SM for unknown MM CTX"   | fixeria   | 03/10/2024 06:23 PM |  |
| 6207 | OsmoMSC                         | Bug     | Feedback | Low      | "MO SMS without prior CM Service Request" for every SMS in 4G                                       | dexter    | 02/13/2024 12:26 AM | Related to #6358   |

| #    | Project  | Tracker | Status   | Priority | Subject  | Assignee  | Updated             | Related issues  |
|------|--|---------|----------|----------|--|-----------|---------------------|---|
| 4468 | OsmoTRX  | Bug     | Feedback | Normal   | "RSSI offset" default of 0 is not useful                           | Hoernchen | 10/14/2020 02:40 PM | Related to #4468,Related to #4468,Related to #4583                  |
| 6382 | Linux Kernel GTP-U                             | Bug     | Feedback | Normal   | "TC_pdp6_act_deact_gtpu_access" fails with kernel gtp-u            |           | 03/05/2024 04:06 PM |   |
| 4727 | libosmocore                                    | Feature | Feedback | Normal   | Add more distro/platform/archs to jenkins CI                       | laforge   | 05/15/2023 09:48 AM | Is duplicate of #4789   |
| 6396 | osmo-ePDG - VoWifi Evolved Packet Data Gateway | Bug     | Feedback | Normal   | add support for auth failure with resync                           | lynxis    | 03/11/2024 10:19 AM |   |
| 5809 | Cellular Network Infrastructure                | Bug     | Feedback | Normal   | applications disrespect potentially VTY-configured tcp/telnet port | osmith    | 10/31/2023 09:34 AM |   |
| 1990 | OsmocomBB                                      | Bug     | Feedback | Normal   | bb nand flash  | yangkkokk | 07/10/2017 10:22 PM |   |
| 6217 | OsmoMSC  | Bug     | Feedback | Normal   | Bearer Capability mismatch in MT SETUP                             | neels     | 10/10/2023 10:17 PM |   |
| 5171 | OsmocomBB                                      | Bug     | Feedback | Normal   | ccch_scan failed   | thor123   | 06/09/2021 12:06 AM |   |
| 4008 | OsmoBTS  | Bug     | Feedback | High     | Channel Activation starts SACCH too early in Asynchronous Handover |           | 03/11/2022 12:47 PM | Related to #4008,Related to #4010,Related to #4009                  |
| 5982 | OsmoBSC  | Bug     | Feedback | Low      | conn->fi is NULL in gscon_bssmap_clear()                           | neels     | 04/11/2023 02:25 PM |   |
| 5368 | libosmo-netif                                  | Bug     | Feedback | Low      | consider using SCTP_EVENT instead of SCTP_EVENTS                   |           | 12/23/2021 09:09 AM | Related to #5368,Related to #5368                                   |
| 5657 | OsmoDia2GSUP                                   | Bug     | Feedback | Normal   | dia2gsup not (re-)connecting to HLR if osmo-hlr is down            | lynxis    | 11/11/2023 06:20 PM |   |
| 4844 | OsmoPCU  | Bug     | Feedback | Normal   | do not resent DL assignment on RACH                                | lynxis    | 07/28/2023 02:44 PM |   |
| 5774 | OsmoBTS  | Bug     | Feedback | Normal   | Drop pcu_sock conn if queue length grows up to a given threshold   | jolly     | 12/17/2023 12:59 PM |   |
| 5685 | Cellular Network Infrastructure                | Bug     | Feedback | Normal   | Dropping debian 10 (buster)  | osmith    | 04/04/2023 10:10 AM | Related to #5685,Related to #5685                                   |
| 4167 | OsmoMSC  | Bug     | Feedback | Normal   | Event VLR_ULI_E_ID_IMEISV not permitted                            | osmith    | 09/04/2019 08:13 PM |   |
| 6349 | Cellular Network Infrastructure                | Bug     | Feedback | Normal   | example configs missing in release tarballs                        | fixeria   | 01/29/2024 04:04 PM |   |
| 5503 | OsmocomBB                                      | Feature | Feedback | Normal   | expose GPRS user plane via tun device                              | pespin    | 08/28/2023 10:38 PM | Related to #6115  |
| 2781 | OsmoBSC  | Feature | Feedback | Normal   | Extend OsmBSC TTCN-3 test coverage regarding resource leaks        | neels     | 03/25/2022 05:56 AM | Related to #2781,Related to #2781,Related to #5355,Related to #5337 |

| #    | Project                                      | Tracker | Status   | Priority | Subject   | Assignee | Updated             | Related issues                                       |
|------|--|---------|----------|----------|---|----------|---------------------|--|
| 4798 | OsmocomBB                                    | Bug     | Feedback | Low      | fake_trx send TRXC responses from wrong source address                                    | fixeria  | 04/30/2021 03:37 AM |  |
| 5757 | OsmoDia2GSUP                                 | Feature | Feedback | Normal   | functional test suite for osmo_dia2gsup   | lynxis   | 09/06/2023 02:48 PM |  |
| 1942 | OsmoSGSN                                     | Bug     | Feedback | Normal   | Gb: implement paging in case of MM state == STANDBY && rx DL PDU                          |          | 01/08/2020 10:48 PM | Related to #1942, Related to #4222                   |
| 4600 | OsmoSGSN                                     | Bug     | Feedback | Normal   | gmm_fsm{CommonProcedureInitiated}: Event E_GMM_COMMON_PROC_INIT_REQ not permitted         | lynxis   | 06/08/2020 06:08 PM | Related to #4604                                     |
| 4601 | OsmoSGSN                                     | Bug     | Feedback | Normal   | gmm_fsm{Registered.SUSPENDED}: Event E_GMM_COMMON_PROC_INIT_REQ not permitted             | lynxis   | 06/08/2020 06:11 PM | Related to #4604                                     |
| 4333 | Cellular Network Infrastructure              | Support | Feedback | Normal   | GSUP binary compatibility: add GSUP protocol version IE?                                  |          | 12/16/2019 01:56 PM | Related to #4333, Related to #4333, Related to #4333 |
| 5241 | OsmoGGSN (former OpenGGSN)                   | Bug     | Feedback | Low      | GTP: Malformed Packet pdp ctx response.   | lynxis   | 03/23/2022 05:31 PM |  |
| 3637 | OsmoBSC                                      | Bug     | Feedback | Normal   | handover decision 2: properly check available codecs                                      | neels    | 10/09/2018 09:45 AM | Related to #3637, Related to #3637                   |
| 6224 | Retronetworking                              | Feature | Feedback | Normal   | how to document the rescued EWSD  |          | 10/18/2023 04:51 PM |  |
| 5917 | libosmo-sccp + libosmo-sigtran               | Feature | Feedback | Normal   | immediately detect SCTP SHUTDOWN in SCCP link / in SCCP user / in active SCCP connections | neels    | 03/20/2023 10:23 AM |  |
| 3164 | OsmoMSC                                      | Bug     | Feedback | Low      | invalid LAI in level 3 complete: unify BSSMAP and RANAP verification                      | neels    | 07/29/2019 01:34 PM | Related to #3162, Related to #3163, Related to #3164 |
| 6377 | erlang/osmo_ss7                              | Bug     | Feedback | Normal   | ipa: Failure decoding ipa frames split between several tcp packets                        | pespin   | 02/28/2024 03:00 PM |  |
| 5490 | E1/T1 Hardware Interface (including icE1usb) | Bug     | Feedback | Normal   | ISO IN urb sometimes completes with less than full data / incomplete frame                | tnt      | 09/15/2022 12:34 PM |  |
| 6422 | OsmoBSC                                      | Bug     | Feedback | Normal   | latest: BSC_Tests.TC_ctrl_location started fo fail on March 15th                          | fixeria  | 04/02/2024 06:56 PM |  |
| 5896 | libosmo-abis                                 | Bug     | Feedback | Normal   | libosmo-abis built without --enable-e1d in deb and rpm packages                           | laforge  | 02/07/2023 11:40 AM | Blocks #5896   |
| 6240 | libosmo-sccp + libosmo-sigtran               | Bug     | Feedback | Normal   | libosmo-sigtran doesn't reject M3UA with "M3UA Network Appearance"                        | daniel   | 10/31/2023 02:56 PM | Related to #6241                                     |
| 6381 | Core testing infrastructure                  | Bug     | Feedback | Low      | libosmcore changes take too long until they propagate through OBS master                  | laforge  | 03/01/2024 10:10 AM |  |
| 5824 | osmo-e1d                                     | Bug     | Feedback | Normal   | Line dead message in the log after start  | laforge  | 12/25/2023 01:43 PM |  |
| 6153 | OsmoHNodeB                                   | Support | Feedback | Normal   | List of supported FemtoCell   | Kira     | 08/28/2023 02:24 PM |  |

| #    | Project  | Tracker | Status   | Priority | Subject  | Assignee  | Updated             | Related issues  |
|------|--|---------|----------|----------|--|-----------|---------------------|---|
| 6089 | pySim  | Feature | Feedback | Normal   | log the current file / operation during execeution of a script   | laforge   | 11/27/2023 04:37 PM |   |
| 6162 | libosmocore                                    | Bug     | Feedback | Normal   | master build failure with clang-16   | Hoernchen | 11/18/2023 09:17 AM |   |
| 1640 | OsmoPCU  | Bug     | Feedback | Low      | Missing release field/length in MS RA capability container   |           | 10/20/2020 09:19 AM |   |
| 6115 | OsmocomBB                                      | Feature | Feedback | Normal   | modem: MTU not set properly on tun iface   | pespin    | 12/08/2023 05:48 PM | Related to #6115,Related to #6298                               |
| 6103 | Linux Kernel GTP-U                             | Feature | Feedback | Normal   | move from 1:1 relationship of UDP socket and net-device to a N:M relationship  | pablo     | 10/06/2023 10:49 AM | Related to #6106  |
| 6342 | OsmocomBB                                      | Bug     | Feedback | Normal   | ms-sdr gprs performance  | Hoernchen | 02/05/2024 05:00 PM | Related to #6342  |
| 6338 | OsmocomBB                                      | Bug     | Feedback | Normal   | ms-sdr gprs startup issues   | Hoernchen | 01/24/2024 03:58 PM |   |
| 4968 | osmo-gbproxy                                   | Bug     | Feedback | Normal   | Multiple TTCN3 tests only expect one SGSN  | daniel    | 12/09/2021 09:17 PM | Related to #4968  |
| 5124 | Cellular Network Infrastructure                | Feature | Feedback | Normal   | network:osmocom:nightly feed with "-O0" builds   | laforge   | 05/11/2023 11:11 AM |   |
| 5639 | SIMtrace 2                                     | Bug     | Feedback | Normal   | No packet captured but only "Card state change:"   | g1bbs     | 09/20/2023 01:29 PM |   |
| 5208 | libosmocore                                    | Bug     | Feedback | Normal   | ns2: add testcase for SNS Size with invalid tlv  | lynxis    | 02/12/2023 08:37 PM |   |
| 2237 | OsmoGSMTester                                  | Bug     | Feedback | Normal   | ofono: Gobi modem: successful SMS delivery is evaluated as not successful  | lynxis    | 06/07/2018 02:08 PM | Related to #2237,Related to #2237,Blocks #2237                  |
| 2691 | OsmoNITB                                       | Bug     | Feedback | Normal   | Old TMSI paged after LU  |           | 05/17/2018 11:47 AM |   |
| 4845 | OsmoPCU  | Bug     | Feedback | Normal   | only send content resolution if it's needed  | lynxis    | 07/28/2023 02:45 PM |   |
| 6361 | osmo-ePDG - VoWifi Evolved Packet Data Gateway | Bug     | Feedback | Normal   | open5gs-upfd: Fix open5gs package assigning 1st IP address of the UE pool to the ogstun  | pespin    | 04/15/2024 12:49 PM | Related to #6361  |
| 6155 | OsmoDia2GSUP                                   | Bug     | Feedback | Normal   | osmo_dia2gsup not setting Origin-State-Id Diameter AVP during Device-Watchdog-{Req,Answer}   | lynxis    | 11/11/2023 06:19 PM |   |
| 6437 | libosmocore                                    | Bug     | Feedback | Normal   | osmo_io_ops segmentation_cb missing parameter holding state  | pespin    | 04/19/2024 10:17 AM |   |
| 3871 | libosmo-sccp + libosmo-sigtran                 | Bug     | Feedback | Low      | 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 | laforge   | 04/02/2023 09:01 AM | Related to #3871,Related to #3871,Related to #5579,Blocks #3872 |
| 4848 | OsmoBSC  | Bug     | Feedback | Normal   | osmo-bsc user manual shows tables with per-bts counters three (!) times  | fixeria   | 03/06/2022 09:08 PM | Related to #4848,Related to #4848                               |
| 4881 | OsmoBSC  | Bug     | Feedback | Normal   | osmo-bsc with unixsocket to osmo-el2tpd fails to bring up rbs6k (dug20+rrus12)   | firs      | 01/01/2021 10:10 AM |   |

| #    | Project  | Tracker | Status   | Priority | Subject   | Assignee                      | Updated             | Related issues   |
|------|--|---------|----------|----------|---|-------------------------------|---------------------|--|
| 3982 | Cellular Network Infrastructure                | Feature | Feedback | Low      | osmo-depcheck.py: set dependency hashes on command line   | osmith                        | 05/15/2023 09:51 AM |  |
| 6091 | osmo-ePDG - VoWifi Evolved Packet Data Gateway | Bug     | Feedback | High     | osmo-epdg: Implement CEAI interface (GSUP) ePDG <> strongswan   | lynxis                        | 03/14/2024 04:36 PM |  |
| 3352 | OsmoMGW  | Feature | Feedback | Low      | osmo-mgw does not allow multiple codecs in LCO  | neels                         | 01/08/2020 10:25 PM |  |
| 6151 | OsmoMSC  | Feature | Feedback | Normal   | osmo-msc: Ability to configure (VTY) the AMR(-WB) formats used in RAB-Assignment-Req  | neels                         | 08/30/2023 08:16 PM |  |
| 5858 | Core testing infrastructure                    | Bug     | Feedback | Normal   | osmo-python-tests: Ignore, at least clean up 'tmp_dummy_sock'   |                               | 02/22/2023 06:25 PM | Related to #5858   |
| 4403 | IMSI Pseudonymization                          | Feature | Feedback | Normal   | OsmoHLR: How to interface with SMS service?   |                               | 04/16/2020 08:45 AM | Blocks #4477   |
| 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 |  |
| 2951 | OsmoSGSN                                       | Bug     | Feedback | Normal   | OsmoSGSN Accepts two MO L3 Messages with N(U) set to zero   | osmith                        | 09/11/2019 12:24 PM |  |
| 1524 | OsmoPCU  | Bug     | Feedback | Normal   | PACCH on the wrong timeslot   | roh                           | 10/19/2021 11:50 AM | Related to #1524, Related to #1524, Related to #1524, Related to #2709, Related to #1524, Related to #1524, Related to #3014 |
| 2404 | OsmoPCU  | Bug     | Feedback | Low      | PAGING-PS doesn't use QoS parameters from BSSGP   | osmith                        | 09/10/2019 11:54 AM |  |
| 4856 | OsmoPCU  | Bug     | Feedback | Normal   | PCU is running but has no NS connection and does not retry.   | keith                         | 10/18/2021 10:02 AM |  |
| 6045 | osmo-ePDG - VoWifi Evolved Packet Data Gateway | Bug     | Feedback | Normal   | report erlang diameter problems to the diameter compiler repo.  | pespin                        | 03/07/2024 04:16 PM |  |
| 3474 | OsmoBSC  | Bug     | Feedback | Normal   | SDCCH not released if Radio Link Failure / Sending Connection Failure: cause = 0x001 Experienced in osmo-bsc and osmo-bts-trx | ron.menez@entropysolution.com | 10/05/2020 09:33 PM |  |
| 1533 | OsmoPCU  | Feature | Feedback | Low      | Separate the window handling from the TBF more clearly  | zecke                         | 07/21/2017 02:46 PM | Related to #1533   |
| 6416 | E1/T1 Hardware Interface (including icE1usb)   | Support | Feedback | Normal   | Serial debug tty port speed   | pfassberg                     | 03/22/2024 06:52 PM |  |
| 4602 | OsmoSGSN                                       | Bug     | Feedback | Normal   | SGSN crash with "Assert failed mm->gb.lme == NULL gprs_sgsn.c:358"  | lynxis                        | 02/26/2021 07:34 PM | Related to #4604, Related to #4605, Related to #4602   |

| #    | Project                     | Tracker | Status      | Priority | Subject   | Assignee  | Updated             | Related issues  |
|------|-----------------------------|---------|-------------|----------|---|-----------|---------------------|---|
| 6318 | OsmoBSC                     | Bug     | Feedback    | Normal   | Show lchan shows wrong number of channels for TCH   | neels     | 12/25/2023 01:01 AM |   |
| 5600 | SIMtrace 2                  | Feature | Feedback    | Normal   | SIMtrace2 fails to emulate EMV cards  | boggy123  | 12/14/2022 01:07 PM |   |
| 5770 | SIMtrace 2                  | Bug     | Feedback    | Normal   | simtrace2 firmware ignores any but the first USB message sent by simtrace2-list after a reset | jtavares  | 11/23/2022 04:01 AM |   |
| 6127 | OsmoHNBGW                   | Feature | Feedback    | Normal   | Submit RAB Modification Req towards HNB to update its peer luUP address if MGW changed it     | pespin    | 11/29/2023 06:45 PM |   |
| 6273 | Core testing infrastructure | Bug     | Feedback    | Normal   | TTCN3 tests keep suffering from race conditions on shutdown                                   | daniel    | 12/05/2023 03:29 PM |   |
| 5953 | OsmoBTS                     | Bug     | Feedback    | Normal   | ttn3-bts-test: TC_ms_pwr_ctrl_{constant,pf_ewma} are failing                                  | fixeria   | 03/25/2024 05:19 PM |   |
| 6426 | OsmoMSC                     | Bug     | Feedback    | Normal   | ttn3-msc-test: TC_mm_id_resp_no_identity fails sporadically                                   | fixeria   | 04/03/2024 06:49 PM | Related to #6426,Related to #6427                                   |
| 6181 | SIMtrace 2                  | Bug     | Feedback    | Normal   | Unexpected INS code with simtrace2-sniff: 0x7f  | v.marinos | 10/18/2023 09:41 PM |   |
| 4797 | libosmocore                 | Bug     | Feedback    | Normal   | vty: the output of 'show ns' command is confusing   | fixeria   | 10/23/2020 05:35 PM | Related to #4855,Related to #5085                                   |
| 5106 | OsmoBSC                     | Feature | Feedback    | Urgent   | Watchdog that would try to un-BORKE BORKen timeslots  | keith     | 02/07/2023 06:25 PM | Related to #5106,Related to #5785,Related to #5786,Related to #5106 |
| 1906 | osmo-qcdiag                 | Bug     | Feedback    | Normal   | wireshark: fix decoding of (E)GPRS RLC/MAC frames   | Hoernchen | 02/08/2021 08:07 PM |   |
| 1898 | OsmoBTS                     | Bug     | Feedback    | Low      | Wrong handover detection with l1sap on wrong ss=0/ts=0  |           | 11/07/2017 09:54 PM |   |
| 5153 | OsmoHNBGW                   | Feature | In Progress | Normal   | support hnbgw co-located GTP-U proxy (UPF)  | neels     | 11/15/2022 09:54 AM | Related to #5154,Related to #5153                                   |
| 5422 | SIMtrace 2                  | Feature | In Progress | Normal   | "cardem" continuous testing setup   | laforge   | 01/27/2022 12:22 PM | Related to #5422  |
| 4464 | libosmo-abis                | Bug     | In Progress | Normal   | "osmo_rtp_socket_poll(): ERROR!" messages during normal osmo-bts usage                        | laforge   | 02/06/2021 02:27 PM | Related to #4467  |
| 6096 | OsmoGGSN (former OpenGGSN)  | Feature | In Progress | Urgent   | add support for kernel-GTP IPv6   | osmith    | 03/25/2024 12:10 PM | Related to #6096,Related to #6106,Related to #6096,Blocks #6096     |
| 6119 | pySim                       | Bug     | In Progress | Normal   | aram_get_config runs into an exception on a sysmocomSJA2                                      | laforge   | 12/05/2023 05:26 PM |   |
| 5938 | Retrocomputing              | Feature | In Progress | Normal   | assemble "fake parallel printer"  | laforge   | 09/13/2023 09:32 AM |   |
| 5939 | Retrocomputing              | Bug     | In Progress | Low      | Assemble GraphicGremlin / isavideo  | laforge   | 03/15/2023 09:06 AM |   |

| #    | Project  | Tracker | Status      | Priority | Subject  | Assignee  | Updated             | Related issues                    |
|------|--|---------|-------------|----------|--|-----------|---------------------|-----------------------------------|
| 5934 | Retrocomputing                                 | Feature | In Progress | Low      | Assemble Pico-GUS  | laforge   | 03/06/2023 04:25 PM |                                   |
| 5933 | Retrocomputing                                 | Feature | In Progress | Low      | Assemble XT-CF-Lite v4.1   | laforge   | 03/20/2023 09:54 AM |                                   |
| 5632 | Core testing infrastructure                    | Bug     | In Progress | Normal   | better test result summary / notifications   | lynxis    | 08/31/2022 11:58 AM |                                   |
| 5516 | OsmoTRX  | Feature | In Progress | High     | BladeRF 2.0 Support  | Hoernchen | 02/14/2023 02:59 PM | Is duplicate of #2430             |
| 6152 | OsmoMSC  | Bug     | In Progress | Normal   | built-in MNCC: forward the @Low layer compatibility I@ IE to the called subscriber               | jolly     | 12/20/2023 12:52 PM | Related to #6152                  |
| 5464 | SIMtrace 2                                     | Bug     | In Progress | Normal   | cardem firmware unable to attach to card   | laforge   | 11/18/2022 06:41 PM | Related to #5464                  |
| 5745 | osmo-lab-rack                                  | Feature | In Progress | Low      | component carrier Ethernet switch  | laforge   | 02/03/2023 11:29 AM |                                   |
| 5488 | Retronetworking                                | Feature | In Progress | Low      | create DAHDI mirror sniffer  | laforge   | 11/07/2022 06:04 PM |                                   |
| 6211 | pySim  | Feature | In Progress | Low      | decode security attributes _compact_ in human-readable way, like we decode EF.ARR                | dexter    | 12/15/2023 07:22 AM | Related to #6211                  |
| 4030 | OsmocomBB                                      | Feature | In Progress | Normal   | design breakout board for GTM900-B   | mschramm  | 01/05/2024 08:00 AM | Related to #4575,Related to #4610 |
| 4535 | OsmoMGW  | Feature | In Progress | Low      | Develop "E1/Abis generator"  | laforge   | 01/02/2022 01:57 PM | Precedes #2547                    |
| 5929 | Cellular Network Infrastructure                | Feature | In Progress | Normal   | document current (milestones of) nlnet funded projects; mention nlnet funding                    | laforge   | 04/04/2023 10:05 AM |                                   |
| 1881 | OsmoSGSN                                       | Bug     | In Progress | Normal   | don't send PDP CTX DEACT ACK to MS when destroying PDP ctx indepent from MS requests             |           | 01/08/2020 10:49 PM |                                   |
| 5944 | OsmoBTS  | Bug     | In Progress | Low      | DTXu + AMR on TCH/H appears to be not usable on osmo-bts-sysmo                                   | keith     | 03/28/2023 03:56 PM |                                   |
| 4268 | Distributed GSM                                | Bug     | In Progress | Normal   | duplicate SMS when SMPP handler sends back to the originating MSC                                | neels     | 06/08/2020 03:11 PM |                                   |
| 6386 | Core testing infrastructure                    | Bug     | In Progress | Normal   | eclipse-titan 9.0.0 not building in debian unstable  | osmith    | 03/04/2024 02:10 PM |                                   |
| 6435 | osmo-ePDG - VoWifi Evolved Packet Data Gateway | Bug     | In Progress | Normal   | epdg: fix inter-UE traffic   | lynxis    | 04/08/2024 06:55 PM |                                   |
| 5861 | osmo-ePDG - VoWifi Evolved Packet Data Gateway | Feature | In Progress | Urgent   | extend charon with external authentication interface   | lynxis    | 02/07/2024 04:00 PM | Related to #5868                  |
| 4520 | osmo-gbproxy                                   | Feature | In Progress | Normal   | gbproxy: Redundancy between NS-VCs (BSS Side)  | lynxis    | 02/19/2021 04:50 PM | Related to #4520                  |
| 3693 | libosmocore                                    | Bug     | In Progress | Low      | gsm_04_08.h: numerous packed structs with sub-byte ints lack the order-swap shims for big endian |           | 11/19/2018 02:05 PM |                                   |
| 4842 | libosmocore                                    | Bug     | In Progress | Normal   | gsm0408 test fails on several architectures  | neels     | 08/23/2022 04:38 PM |                                   |
| 6212 | Linux Kernel GTP-U                             | Bug     | In Progress | Normal   | GTP extension headers  | pespin    | 10/18/2023 03:03 PM | Related to #6223                  |

| #    | Project                | Tracker | Status      | Priority | Subject  | Assignee | Updated             | Related issues  |
|------|------------------------|---------|-------------|----------|--|----------|---------------------|---|
| 1706 | SIMtrace 2             | Feature | In Progress | Low      | Hardware / Circuit board update for SAM3S based SIMtrace2 with 1.8V/5V support                   | mschramm | 10/28/2023 11:25 AM | Related to #1706,Related to #5464,Related to #4118,Related to #5826 |
| 5230 | OsmoHNBGW              | Bug     | In Progress | Normal   | hnbgw fails to connect to the sgsn   | lynxis   | 10/14/2021 07:50 AM |   |
| 6258 | OsmoMSC                | Feature | In Progress | Normal   | if MT call leg does not support the assigned codec, re-assign to a compatible codec              |          | 01/12/2024 06:26 AM | Related to #6328  |
| 4922 | OsmoBSC                | Feature | In Progress | Normal   | Implement MS Power Control   | keith    | 11/04/2021 06:37 PM |   |
| 6263 | libosmocore            | Bug     | In Progress | Low      | impossible to detect wrong callbacks being registered / osmo_io_ops union                        | daniel   | 11/21/2023 09:21 AM |   |
| 5755 | OsmoBSC                | Feature | In Progress | High     | io_uring support in osmo-bsc   | jolly    | 03/02/2024 08:06 PM | Related to #5755,Related to #6357                                   |
| 1952 | Linux Kernel GTP-U     | Bug     | In Progress | High     | IPv6 support for inner (user) IP layer missing   | pablo    | 03/05/2024 11:47 PM | Related to #6096,Related to #6123                                   |
| 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  |
| 1766 | OsmoPCU                | Bug     | In Progress | High     | KPIs for OsmoPCU: EGPRS  |          | 01/22/2020 02:06 PM | Related to #1766,Related to #1766                                   |
| 4474 | OsmoBTS                | Bug     | In Progress | Low      | l1fwd (-remote) tried to read eeprom locally   |          | 11/04/2021 06:35 PM |   |
| 5480 | Open Source IMS Client | Feature | In Progress | High     | Linux kernel IPsec plugin for doubango   | laforge  | 03/25/2022 10:44 AM |   |
| 1605 | OsmoBSC                | Feature | In Progress | Low      | logging / ring buffer for ALERT messages from A-bis OML from the BTS side                        | osmith   | 03/27/2020 09:40 AM | Related to #1605  |
| 6249 | libosmocore            | Bug     | In Progress | Low      | logging: ANSI color sequences should be reset after log message                                  | manawyrn | 12/04/2023 07:00 AM | Related to #6284  |
| 4830 | OsmoMSC                | Bug     | In Progress | High     | LU reject when no authentication data in HLR but "authentication optional"                       | neels    | 10/10/2022 02:03 PM |   |
| 5900 | OsmoUPF                | Feature | In Progress | Normal   | make sure chain ids used in the tunmap nft ruleset are unused                                    |          | 02/09/2023 05:34 PM |   |
| 5349 | OsmoSGSN               | Bug     | In Progress | High     | Message for non-existing SNDSCP Entity   |          | 07/17/2023 04:42 PM |   |
| 6171 | OsmoMGW                | Feature | In Progress | Normal   | mgcp-client API: there should be a separate mgcp_codec_param for each codec in mgcp_msg.codecs[] | dexter   | 11/01/2023 04:15 PM | Related to #6171  |
| 4951 | osmo-gbproxy           | Feature | In Progress | Normal   | more TTCN3 tests for SGSN pooling  | daniel   | 07/08/2021 08:36 PM | Related to #4951,Related to #4952                                   |



| #    | Project  | Tracker | Status      | Priority | Subject   | Assignee  | Updated             | Related issues   |
|------|--|---------|-------------|----------|---|-----------|---------------------|--|
| 1954 | OsmocomBB  | Bug     | In Progress | Normal   | Motorola C188 with Osmocombb firmwre(RAM version) can't scan out any base stations  |           | 07/10/2017 10:24 PM |  |
| 5180 | libosmocom   | Bug     | In Progress | Normal   | ns2: Document NS inspection/blocking commands   | lynxis    | 06/15/2021 01:10 PM |  |
| 2238 | OsmoGSMTester  | Bug     | In Progress | Normal   | ofono: Gobi modem: cannot receive SMS   |           | 01/08/2020 10:42 PM | Related to #2238   |
| 6290 | Osmocom Conferences (OsmoDevCon, OsmoCon, OsmoDevCall) | Feature | In Progress | High     | Organize OsmoDevCon 2024  | laforge   | 03/06/2024 12:06 PM |  |
| 6387 | OsmoMGW  | Feature | In Progress | Normal   | osmo_io / io_uring support for RTP/RTCP   | laforge   | 03/26/2024 06:45 PM | Related to #6387   |
| 5335 | OsmoBSC  | Bug     | In Progress | Normal   | osmo-bsc: Add VTY commands to configure T3.. and N3.. timers counters for gprs  | jolly     | 12/17/2023 12:59 PM | Related to #5915,Related to #5991  |
| 6270 | OsmoBTS  | Bug     | In Progress | Normal   | osmo-bts sends version report every 5s to BSC?  | dexter    | 02/19/2024 03:06 PM |  |
| 5214 | OsmoMGW  | Feature | In Progress | Normal   | osmo-mgw multithreading   | Hoernchen | 08/31/2021 09:20 AM |  |
| 4721 | OsmoMSC  | Bug     | In Progress | Normal   | osmo-msc creates evil-twin entries in the VLR when an already attached IMSI does a LU by an unknown TMSI (was: MSC_Tests.TC_lu_by_tmsi_noauth_unknown fails sporadically locally) | neels     | 03/26/2024 03:02 AM | Related to #4721   |
| 1685 | osmo-sip-connector                                     | Feature | In Progress | Normal   | osmo-sip-connector: Review and define log statements and which info to include  | osmith    | 09/04/2019 09:31 AM |  |
| 4537 | OsmoBSC  | Feature | In Progress | Normal   | OsmoBSC needs strategies to recover broken lchans (lchan state BORKEN)  |           | 11/20/2023 05:03 PM | Related to #4537,Related to #4540,Related to #4541,Related to #5106                  |
| 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                                   |
| 6198 | Cellular Network Infrastructure                        | Bug     | In Progress | Normal   | Patch releases for September 2023 Osmocom CNI releases  | roh       | 12/19/2023 01:29 PM | Related to #6253   |
| 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 |
| 6069 | Cellular Network Infrastructure                        | Feature | In Progress | Normal   | port hello-stk to ant-based build like mrlnc/HelloSTK2  | dexter    | 11/02/2023 12:52 PM |  |
| 6254 | OsmoDia2GSUP   | Bug     | In Progress | Normal   | Reconnects of the ttcn3 aren't handled  | lynxis    | 11/11/2023 05:13 PM |  |

| #    | Project  | Tracker | Status      | Priority | Subject  | Assignee | Updated             | Related issues   |
|------|--|---------|-------------|----------|--|----------|---------------------|--|
| 6370 | osmo-ePDG - VoWifi Evolved Packet Data Gateway | Bug     | In Progress | Normal   | setup ims with kamailio  | lynxis   | 03/14/2024 09:01 PM |  |
| 5921 | SIMtrace 2                                     | Bug     | In Progress | High     | simtrace2 cardem vs. Linux kernel USB autosuspend                                      | laforge  | 09/16/2023 10:47 PM | Related to #5921   |
| 4107 | Cellular Network Infrastructure                | Feature | In Progress | High     | Start systemd services as non-root user  | osmith   | 04/19/2024 12:36 PM | Related to #4107, Related to #4821, Related to #4107, Related to #5669, Related to #5685, Related to #5687, Related to #5722 |
| 6364 | osmo-ePDG - VoWifi Evolved Packet Data Gateway | Bug     | In Progress | Normal   | strongswan: gsoup: remove single request limitation                                    | lynxis   | 02/20/2024 05:59 PM | Related to #6366   |
| 5889 | OsmoHLR  | Bug     | In Progress | Normal   | subscriber data: send out correct PDP Info   | lynxis   | 09/01/2023 04:20 PM |  |
| 2501 | OsmoSGSN                                       | Bug     | In Progress | Normal   | suspected problem with unanswered neighbor solicitation                                | osmith   | 09/11/2019 12:58 PM |  |
| 6424 | OsmoMGW  | Bug     | In Progress | High     | TC_one_crcx_loopback_rtp_implicit consistently failing in master, but passes on latest | neels    | 03/27/2024 08:17 PM |  |
| 4431 | osmo-clock-gen                                 | Bug     | In Progress | Normal   | TC1 (TC2050) pin 4 should connect to VDD network, not VDD_3V3                          | laforge  | 07/20/2020 10:42 PM |  |
| 4240 | OsmoMSC  | Bug     | In Progress | Normal   | test: incoming call when already Paging  |          | 11/27/2019 11:09 PM |  |
| 6223 | OsmoGGSN (former OpenGGSN)                     | Feature | In Progress | High     | TTCN3 unit test[s] for GTPv1U with extension headers                                   | osmith   | 01/31/2024 08:19 PM | Related to #6223   |
| 5679 | libosmo-sccp + libosmo-sigtran                 | Feature | In Progress | Normal   | unsupported SCCP user primitive N-PCSTATE.indication                                   | neels    | 02/18/2023 01:46 AM |  |
| 5880 | OsmoSGSN                                       | Bug     | In Progress | High     | User Manual sections 11.1.1-2 document non-existing (removed?) VTY commands            | lynxis   | 03/28/2023 02:45 PM |  |
| 4200 | OsmoMSC  | Feature | In Progress | Normal   | Work around nano3G-S16 requiring RAB ID to be below 16                                 | efistokl | 09/14/2019 09:48 AM |  |
| 5463 | Retronetworking                                | Feature | In Progress | Low      | X.21 hardware interface  | vogelchr | 03/04/2023 02:37 PM |  |
| 4653 | SDR (Software Defined Radio)                   | Bug     | New         | Normal   | cannot import name 'fosphor'   |          | 07/07/2020 02:39 AM |  |
| 4814 | osmo-clock-gen                                 | Bug     | New         | Low      | alignment of DC barrel with face plate   | mschramm | 10/16/2020 05:30 PM | Related to #4814   |
| 6246 | OCTOI - Osmocom Community TDM over IP          | Feature | New         | Low      | co-locate cisco 2811 for FrameRelay and X.25   | laforge  | 11/06/2023 01:48 PM |  |
| 4447 | OsmoMGW  | Bug     | New         | Normal   | DSCP value should be a 6 bit field   | osmith   | 03/09/2020 04:50 PM | Related to #4447   |
| 4961 | osmo-gbproxy                                   | Feature | New         | Normal   | gbproxy support for "network sharing" via MOCN   |          | 01/20/2021 08:38 PM |  |

| #    | Project  | Tracker | Status | Priority | Subject   | Assignee | Updated             | Related issues                     |
|------|--|---------|--------|----------|---|----------|---------------------|------------------------------------|
| 5382 | E1/T1 Hardware Interface (including icE1usb)           | Bug     | New    | Low      | icE1usb: detect all-1 pattern and report as BLUE alarm  |          | 01/02/2022 12:17 PM | Related to #5382                   |
| 5483 | Open Source IMS Client                                 | Feature | New    | Normal   | SIM card interface for strongswan   |          | 03/07/2022 03:19 PM |                                    |
| 5395 | OsmocomDECT  | Feature | New    | Normal   | Support for LMX3161   |          | 01/09/2022 12:55 PM |                                    |
| 5396 | OsmocomDECT  | Bug     | New    | High     | TcpDump/WireShark will not build with libpcap(dect)   |          | 01/09/2022 12:57 PM |                                    |
| 4265 | libosmocore  | Bug     | New    | Normal   | --enable-embedded doesn't work as expected  |          | 11/12/2019 11:18 AM |                                    |
| 5918 | osmo-fl2k  | Bug     | New    | Normal   | -flto broken in release   | steve-m  | 12/20/2023 08:43 PM |                                    |
| 1462 | OsmocomBB  | Bug     | New    | High     | ../src/utlis.c:182:7: error: only weak aliases are supported in this configuration                                  |          | 02/21/2016 04:48 PM |                                    |
| 4608 | libosmo-sccp + libosmo-sigtran                         | Feature | New    | Low      | "action" commands to interactively shutdown/re-enable/restart sigtran connections                                   | laforge  | 06/10/2020 01:12 PM |                                    |
| 4367 | rtl-sdr  | Support | New    | Normal   | "Communications Toolbox Support Package for RTL-SDR Radio" from "Mathworks Matlab" appears to be with broken links? | steve-m  | 01/21/2020 08:52 PM |                                    |
| 6092 | pySim  | Feature | New    | Low      | "export" suport for ARA-M   | dexter   | 10/31/2023 06:40 PM |                                    |
| 6019 | OsmoBSC  | Bug     | New    | Normal   | "PCU version PCU socket has LOST connection connected"  | fixeria  | 10/18/2023 05:42 PM |                                    |
| 5423 | SIMtrace 2   | Bug     | New    | Low      | "trace" firmware continuous test setup  |          | 01/27/2022 12:24 PM |                                    |
| 6431 | OsmoHNBGW  | Bug     | New    | Normal   | (coverity) uninitialized asn.1 state / overwriting asn.1 state in HNBAP   | neels    | 04/04/2024 11:08 PM |                                    |
| 5202 | OsmocomBB  | Bug     | New    | Normal   | [Assert failed rc >= 0 l1ctl.c:83] cell_log crashes (mostly) when monitoring specific ARFCN                         |          | 07/25/2021 01:38 PM |                                    |
| 4098 | gr-osmosdr   | Bug     | New    | Normal   | [BladeRF micro] Arguments set in osmocom Sink and Source are not passed to libbladerf                               | horiz0n  | 07/18/2019 05:35 AM |                                    |
| 5388 | OsmocomDECT  | Bug     | New    | Low      | {MM-INFO-SUGGEST} message not sent with ext bit set to 0  |          | 01/09/2022 12:28 PM |                                    |
| 2675 | OsmoBTS  | Bug     | New    | Low      | /usr/bin/lc15bts-mgr can't find GPS 3D fix to for calibration   | pespin   | 02/13/2018 03:34 PM |                                    |
| 1744 | OsmoBTS  | Bug     | New    | Low      | 1-way voice between sysmobts and nanobts if DTX is enabled  |          | 07/18/2019 06:08 AM | Related to #1562                   |
| 6291 | Osmocom Conferences (OsmoDevCon, OsmoCon, OsmoDevCall) | Bug     | New    | Normal   | 2024 event bringing together FOSS projects related to mobile communications   | laforge  | 12/13/2023 08:54 PM |                                    |
| 4944 | OsmoCBC  | Feature | New    | Low      | 3G SABP support in OsmoCBC  | laforge  | 01/13/2021 09:13 AM | Related to #4944, Related to #4944 |

| #    | Project                               | Tracker | Status | Priority | Subject   | Assignee | Updated             | Related issues   |
|------|---------------------------------------|---------|--------|----------|---|----------|---------------------|------------------|
| 4153 | OsmoMGW                               | Bug     | New    | Normal   | 3G voice broken with ALu 9361 femto   |          | 04/25/2022 05:43 PM |                  |
| 5833 | OsmoPCU                               | Feature | New    | Low      | A "meas-feed" for osmo-pcu  | keith    | 12/18/2022 06:42 PM |                  |
| 5448 | gr-osmosdr                            | Bug     | New    | Low      | a bug related to gqrx using gr-osmosdr for sdrplay rsp1 through soapy(?)              |          | 02/09/2022 02:56 AM |                  |
| 1480 | Mobile (in)Security                   | Bug     | New    | High     | A5/3 is not deployed in GSM networks  |          | 02/21/2016 04:34 PM |                  |
| 4249 | osmo-remsim                           | Feature | New    | Normal   | ability to explicitly provision an "empty SIM card slot" to a modem                   | laforge  | 09/08/2021 07:48 PM | Related to #5216 |
| 5526 | OCTOI - Osmocom Community TDM over IP | Feature | New    | Low      | ability to generate GSMTAP traces from osmo-e1d                                       |          | 07/29/2023 07:23 AM |                  |
| 5839 | OsmoGSMTester                         | Feature | New    | Normal   | Ability to switch off the osmo-trx machine  | pespin   | 12/20/2022 05:43 PM |                  |
| 3737 | OsmoBSC                               | Bug     | New    | Low      | abort because unused lchan has non-null conn pointer, after AMR config error          |          | 05/08/2019 03:35 PM |                  |
| 5372 | osmo-lab-rack                         | Feature | New    | Low      | AC power supply   |          | 12/23/2021 06:33 PM |                  |
| 2160 | OP25                                  | Feature | New    | High     | Add "datascope" to usrp_p25_rx.py   |          | 04/22/2017 04:16 PM |                  |
| 2913 | OsmocomBB                             | Feature | New    | Low      | Add a tool that decodes Cell Broadcasts (SMSCB)                                       |          | 09/29/2018 09:31 AM | Related to #3564 |
| 3477 | Cellular Network Infrastructure       | Feature | New    | Low      | add a wiki page explaining interconnection between components across several machines | osmith   | 12/01/2019 09:29 AM |                  |
| 2615 | OsmoGSMTester                         | Bug     | New    | Normal   | Add API to check GPS lock in BTS  |          | 11/03/2017 05:00 PM |                  |
| 4650 | OsmoBSC                               | Feature | New    | Normal   | Add BIG FAT error message in case OM2000 BTS fail to start up                         | laforge  | 07/04/2020 07:30 PM |                  |
| 1946 | OsmoBSC                               | Feature | New    | Low      | Add checks to the BSC VTY to prevent configurations known to not work                 |          | 10/20/2020 08:40 AM | Related to #1614 |
| 3019 | OsmoHLR                               | Feature | New    | Low      | add config for number of auth tuples returned   |          | 06/23/2018 06:58 PM |                  |
| 1624 | OsmoPCU                               | Bug     | New    | Normal   | add CRBB support to write_packet_ack_nack_desc_egprs                                  |          | 10/20/2020 08:37 AM |                  |
| 5323 | Core testing infrastructure           | Feature | New    | Normal   | Add docker image containing titan.core master   |          | 12/15/2021 04:43 PM | Related to #6187 |
| 6398 | pySim                                 | Bug     | New    | Normal   | Add helper for SwMatchError   |          | 03/09/2024 09:34 PM |                  |
| 4579 | OsmoBTS                               | Bug     | New    | Normal   | add IPv6 support  |          | 02/12/2021 12:26 PM |                  |
| 5662 | OsmoUPF                               | Feature | New    | Normal   | add Linux kernel options to manual  |          | 08/24/2022 03:13 PM |                  |
| 2698 | OsmoMSC                               | Bug     | New    | Low      | Add more tests to jenkins job testing osmo-msc against NG40tester                     |          | 01/08/2020 10:17 PM | Related to #2477 |
| 3038 | multi-voltage USB UART                | Feature | New    | Normal   | Add mounting holes?   |          | 03/07/2018 02:12 AM |                  |
| 6132 | OsmocomBB                             | Feature | New    | Normal   | Add MS_GPRS_Tests to osmo-ttcn3-hacks   | fixeria  | 10/04/2023 10:29 PM | Related to #6132 |
| 2391 | OsmoMSC                               | Feature | New    | Low      | add osmocom specific TLVs to A-interface for BTS/TS and subscriber details            |          | 10/02/2018 03:40 PM |                  |

| #    | Project                         | Tracker | Status | Priority | Subject  | Assignee | Updated             | Related issues                     |
|------|---------------------------------|---------|--------|----------|--|----------|---------------------|------------------------------------|
| 4587 | Cellular Network Infrastructure | Feature | New    | Low      | Add port numbers to /etc/services during installation  |          | 06/08/2020 10:28 AM | Related to #5013                   |
| 3711 | SIMtrace 2                      | Feature | New    | Normal   | Add screw holes for permanent installations  | mschramm | 11/01/2023 08:28 PM |                                    |
| 2451 | Cellular Network Infrastructure | Feature | New    | Low      | Add static builds to jenkins jobs  | osmith   | 09/30/2018 08:18 AM |                                    |
| 6231 | OsmoTRX                         | Feature | New    | Normal   | add support / calibration values for AntSDR E200   | roh      | 10/21/2023 03:25 PM |                                    |
| 2166 | OP25                            | Feature | New    | High     | Add support for Max's I/Q 455khz downconverter   |          | 04/22/2017 04:15 PM |                                    |
| 1555 | OsmoPCU                         | Feature | New    | Low      | Add support for unacknowledged RLC Mode  |          | 01/22/2020 02:59 PM |                                    |
| 2707 | OsmoGSMTester                   | Feature | New    | Normal   | Add support for verifying content of log files after test is run                                     |          | 12/04/2017 05:05 PM |                                    |
| 4128 | OsmoHNBGW                       | Feature | New    | Low      | Add support of Huawei hNodeB protocol  |          | 07/24/2019 03:39 PM |                                    |
| 4806 | osmo-ccid-firmware              | Feature | New    | Low      | Add support of T=1?  |          | 10/15/2020 03:40 PM |                                    |
| 2271 | OsmoGSMTester                   | Feature | New    | Low      | add test names to pick to the -s cmdline option  |          | 05/18/2017 12:32 PM |                                    |
| 2946 | OsmoGGSN (former OpenGGSN)      | Feature | New    | Low      | Add test suite for sgsnemu   | pespin   | 11/21/2019 05:03 PM |                                    |
| 2399 | OsmoGSMTester                   | Feature | New    | Normal   | add tests for graceful restart of individual components  |          | 07/25/2017 12:02 AM |                                    |
| 4275 | OsmoSTP                         | Feature | New    | Low      | Add TTCN3 STP_Tests_IPA.TC_tmt_broadcast   | pespin   | 12/01/2019 11:04 AM |                                    |
| 4541 | OsmoBSC                         | Feature | New    | Normal   | add ttcn3 tests for situations of Abis latency spikes, where chan act/deact ACK messages arrive late |          | 11/20/2023 05:03 PM | Related to #4541, Related to #6375 |
| 1463 | SIMtrace 2                      | Feature | New    | Low      | Add VCC current sensing circuit for SPA & DPA attacks  | laforge  | 08/27/2018 07:05 AM | Related to #1706                   |
| 1908 | osmo-qcdiag                     | Feature | New    | Normal   | add VTY interface to osmo-qcdiag   | laforge  | 01/12/2017 01:15 PM |                                    |
| 1983 | rtl-sdr                         | Support | New    | Normal   | Add welle.io and rtl_fm_streamer to rtl-sdr app list   |          | 06/03/2018 12:24 PM |                                    |
| 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 |                                    |
| 1458 | OsmocomBB                       | Bug     | New    | High     | AGC broken (strong cell cannot be synced)  | tnt      | 07/18/2019 06:10 AM | Related to #3582                   |
| 1857 | OsmoBSC                         | Feature | New    | Normal   | aggregate and report OML ALERT messages received from BTSs   |          | 12/10/2017 08:16 PM | Related to #1615, Related to #1605 |
| 5813 | OsmoHNBGW                       | Feature | New    | Low      | Alcatel-Lucent femtocells available in Europe  |          | 03/09/2024 07:09 PM |                                    |
| 4809 | osmo-clock-conv                 | Feature | New    | Low      | alignment of DC barrel with face plate   | laforge  | 10/16/2020 05:29 PM | Related to #4814                   |
| 3644 | OsmoHLR                         | Feature | New    | Normal   | allow arbitrary bytes in Global Title (GT), a.k.a. the VLR,SGSN's identification towards the HLR     | neels    | 12/01/2019 10:02 AM | Related to #3644, Related to #3644 |
| 6000 | OsmoMSC                         | Feature | New    | Normal   | Allow emergency calls without IMSI (using IMEI as MI)  |          | 04/12/2023 11:03 AM | Related to #6000                   |
| 4014 | OsmoBTS                         | Feature | New    | Low      | Allow multiple [virtual] BTS instances on same [SDR] hardware that supports multiple TRX             |          | 05/21/2019 12:07 PM |                                    |

| #    | Project               | Tracker | Status | Priority | Subject   | Assignee | Updated             | Related issues        |
|------|-----------------------|---------|--------|----------|---|----------|---------------------|-----------------------|
| 3470 | OsmoMSC               | Feature | New    | Low      | Allow sending "Emergency Number List IE" in LU ACCEPT   |          | 09/01/2018 08:18 PM | Related to #3470      |
| 2612 | OsmoGSMTester         | Feature | New    | Low      | Allow skipping pcaps by configuration if access to tcpdump is not wanted  |          | 04/06/2020 11:25 AM |                       |
| 2798 | linmodem              | Feature | New    | Normal   | ALSA Soundcard Support  |          | 01/01/2018 12:02 PM |                       |
| 4455 | OP25                  | Feature | New    | Normal   | AMBE CODEC  |          | 03/28/2020 09:53 PM |                       |
| 5247 | Osmocom Analog        | Bug     | New    | Normal   | AMPS Segmentation fault   | jolly    | 10/04/2021 11:48 PM |                       |
| 5726 | OsmoMGW               | Bug     | New    | Normal   | AMR octet-align in SDP: lack of 'octet-align' fmp should imply octet-align=0, and the presence or absence of this fmp should not have an effect |          | 12/12/2023 01:51 AM | Is duplicate of #5726 |
| 4989 | OsmoBTS               | Feature | New    | Low      | AMR RATSCCH support   |          | 01/28/2021 01:41 PM |                       |
| 4985 | OsmoBTS               | Bug     | New    | Normal   | AMR RTP CMR of downlink frames not used to influence CMC  |          | 01/28/2021 01:35 PM |                       |
| 5212 | OsmoPCU               | Bug     | New    | Low      | apparently T3193 is by default not set to its defined default value   | pespin   | 11/15/2021 07:13 PM |                       |
| 4479 | IMSI Pseudonymization | Feature | New    | Normal   | Applet: change IMSI after receiving SMS   |          | 04/16/2020 08:45 AM |                       |
| 4486 | IMSI Pseudonymization | Feature | New    | Normal   | Applet: gracefully handle case where timer is set twice   |          | 04/16/2020 08:45 AM |                       |
| 4417 | IMSI Pseudonymization | Bug     | New    | Normal   | Applet: LU counter should only increase on successful location update   |          | 04/16/2020 08:45 AM | Related to #4478      |
| 4478 | IMSI Pseudonymization | Feature | New    | Normal   | Applet: proper warning after too many LU with same IMSI   |          | 04/16/2020 08:45 AM | Related to #4478      |
| 4481 | IMSI Pseudonymization | Feature | New    | Low      | Applet: test various REFRESH qualifiers to possibly shorten the time for changing the IMSI  |          | 04/16/2020 08:45 AM |                       |
| 4480 | IMSI Pseudonymization | Bug     | New    | Normal   | Applet/OsmoMSC: fix or workaround for OsmoMSC only paging attached MS   |          | 04/16/2020 08:45 AM | Related to #4480      |
| 4274 | OsmoSTP               | Bug     | New    | Normal   | AS Name isn't displayed   |          | 03/14/2024 10:33 AM |                       |
| 2916 | OsmoMSC               | Bug     | New    | Normal   | asan failure on debian unstable in msc_vlr_test_gsm_ciph  |          | 02/09/2018 04:20 PM |                       |
| 2690 | OsmocomBB             | Bug     | New    | Normal   | ASAN issue on shutdown/no shutdown SYSINFO access   |          | 11/29/2017 09:33 AM |                       |
| 5932 | Retrocomputing        | Feature | New    | Low      | assemble ISA-USB  | laforge  | 03/02/2023 09:25 PM |                       |
| 5940 | Retrocomputing        | Feature | New    | Low      | Assemble LPT_Capture  | laforge  | 03/15/2023 09:06 AM |                       |
| 5936 | Retrocomputing        | Feature | New    | Low      | Assemble netpi-ide  | laforge  | 03/02/2023 09:25 PM |                       |
| 5947 | Retrocomputing        | Feature | New    | Low      | Assemble PC104-SVGA   | laforge  | 03/15/2023 09:29 AM |                       |
| 1530 | OsmoPCU               | Feature | New    | Low      | Assign same TFI number in downlink/uplink   |          | 01/26/2020 08:50 AM |                       |

| #    | Project                                      | Tracker | Status | Priority | Subject  | Assignee | Updated             | Related issues   |
|------|--|---------|--------|----------|--|----------|---------------------|------------------|
| 3787 | OsmoBSC                                      | Bug     | New    | Low      | Assignment Request modifies conn->codec_list before the Assignment is successful           |          | 01/08/2020 10:25 PM | Related to #3833 |
| 3786 | OsmoBSC                                      | Bug     | New    | Low      | Assignment Request modifies conn->lcls state before the Assignment is successful           |          | 01/08/2020 10:25 PM |                  |
| 6322 | pySim  | Bug     | New    | Low      | ATR type annotation  |          | 01/03/2024 09:55 PM |                  |
| 4642 | OsmoNITB                                     | Bug     | New    | Low      | Attempting to set illegal id for FSM instance of type 'OM2000-MO'                          |          | 07/03/2020 06:40 PM |                  |
| 5429 | OCTOI - Osmocom Community TDM over IP        | Feature | New    | Normal   | authentication in TDMoIP protocol  | laforge  | 11/07/2022 05:29 PM |                  |
| 1837 | OsmoBTS                                      | Feature | New    | Low      | autogenerate dtx_dl_amr_fsm.*  |          | 03/01/2018 11:17 PM |                  |
| 5865 | OsmoHLR                                      | Feature | New    | Low      | Automate selection of LU Reject Cause  |          | 02/16/2023 10:36 AM |                  |
| 4910 | E1/T1 Hardware Interface (including icE1usb) | Feature | New    | Low      | Automatically set the A / alarm bits in Tx if no signal on Rx                              | tnt      | 01/13/2022 07:22 PM | Related to #5381 |
| 6337 | OsmocomBB                                    | Bug     | New    | High     | bad fr audio with gapk/ms-sdr  |          | 01/22/2024 09:21 PM | Related to #6337 |
| 5891 | osmo-remsim                                  | Bug     | New    | Normal   | bankd: potential pthread deadlock reported by coverity                                     | laforge  | 02/03/2023 07:35 PM |                  |
| 6401 | libosmocore                                  | Feature | New    | Low      | benchmark batching io_uring operations   |          | 03/14/2024 08:10 AM |                  |
| 5437 | OCTOI - Osmocom Community TDM over IP        | Feature | New    | Low      | brainstorm about making protocol even more efficient                                       | laforge  | 01/30/2022 01:45 PM |                  |
| 5436 | OCTOI - Osmocom Community TDM over IP        | Feature | New    | Low      | BRI variant of OCTOI protocol  | laforge  | 01/30/2023 06:49 PM | Related to #5436 |
| 5758 | OsmoDia2GSUP                                 | Feature | New    | Normal   | bring osmo_dia2gsup to production quality  | lynxis   | 03/30/2023 08:13 PM |                  |
| 3831 | OsmoBSC                                      | Feature | New    | Low      | BSC support for "network sharing" via MOCN   |          | 01/20/2021 10:03 AM | Related to #4473 |
| 5515 | OsmoBSC                                      | Bug     | New    | Normal   | BSC_Tests: re-establishment: RA during CHAN RQD should reflect re-establishment            |          | 04/06/2022 08:02 PM |                  |
| 4930 | OsmoBSC                                      | Bug     | New    | Normal   | bsc: cbc: vty: "no remote-ip" in cbc > client  |          | 12/31/2020 10:42 PM |                  |
| 1600 | OsmoBSC                                      | Feature | New    | Low      | BSC: Make SI / rest octests more configurable  |          | 12/10/2017 08:04 PM |                  |
| 5188 | Cellular Network Infrastructure              | Bug     | New    | Normal   | BSSMAP Cell Identifier IE vs. Cell Identifier List IE: difference in allowed cell id types | neels    | 08/23/2022 04:24 PM |                  |
| 5843 | OsmoBSC                                      | Bug     | New    | Normal   | BTS features aren't reset after oml drop   |          | 12/22/2022 09:27 PM |                  |
| 3512 | gr-osmosdr                                   | Support | New    | Normal   | Bug #3462 on Arch Linux; gr-osmosdr install fails  | horiz0n  | 01/26/2019 06:10 PM |                  |
| 4504 | OsmoTRX                                      | Feature | New    | Low      | Build LimeSuite without GUI in osmocom feeds   |          | 09/30/2020 08:08 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 |                  |
| 6176 | OsmoSGSN                                     | Bug     | New    | Low      | build failure (dependency / concurrency issue)   |          | 09/13/2023 03:14 PM |                  |

| #    | Project                               | Tracker | Status | Priority | Subject  | Assignee  | Updated             | Related issues   |
|------|---------------------------------------|---------|--------|----------|--|-----------|---------------------|------------------|
| 5546 | OCTOI - Osmocom Community TDM over IP | Feature | New    | Normal   | build frame relay "hub" similar to ISDN "hub"  |           | 04/24/2022 03:03 PM |                  |
| 3167 | Cellular Network Infrastructure       | Bug     | New    | Low      | Build osmo*-master docker containers with address sanitizer  | osmith    | 07/18/2019 05:22 AM | Related to #3167 |
| 2809 | Z-Netz                                | Bug     | New    | Normal   | Build ZConnect <-> UseNet gateway  |           | 01/01/2018 01:33 PM |                  |
| 3229 | Cellular Network Infrastructure       | Feature | New    | Low      | build-system: jenkins.sh: Improve debian package generation test coverage during gerrit submission |           | 05/08/2019 02:36 PM | Related to #3228 |
| 3398 | GSM Audio Pocket Knife                | Bug     | New    | Low      | build: configure fails if (optional) libalsa wasn't found  | fixeria   | 12/01/2019 10:08 AM |                  |
| 1916 | OsmocomBB                             | Bug     | New    | Normal   | building GNU ARM toolchain with gcc-4.8 fails on modern texinfo                                    |           | 10/16/2017 02:14 PM |                  |
| 5305 | OsmocomBB                             | Bug     | New    | Normal   | Burst capture  |           | 11/10/2021 06:38 PM |                  |
| 2884 | OsmoMSC                               | Bug     | New    | Low      | Call Control timers are very long and not configurable   |           | 01/08/2020 10:56 PM |                  |
| 25   | OsmoMSC                               | Feature | New    | Low      | Call HOLD / RETRIEVE support for internal MNCC   |           | 08/01/2019 03:06 PM |                  |
| 5057 | OsmoMSC                               | Bug     | New    | High     | Can only send a maximum of 15 SMPP messages?   | Hoernchen | 09/15/2021 09:53 AM |                  |
| 3663 | gr-osmosdr                            | Bug     | New    | Normal   | Can't compile gr-osmosdr on macOS Mojave   |           | 10/19/2018 02:37 PM |                  |
| 4685 | SDR (Software Defined Radio)          | Bug     | New    | Normal   | Can't compile libusrp  |           | 08/04/2020 08:52 AM |                  |
| 5403 | OsmoMSC                               | Feature | New    | Normal   | Can't connect Call from 2G to 4G network   | laforge   | 01/14/2022 10:41 PM |                  |
| 4325 | gr-osmosdr                            | Bug     | New    | Normal   | can't open hackrf_sink with device index   |           | 12/13/2019 09:18 AM |                  |
| 4491 | OsmoHLR                               | Bug     | New    | Low      | Cancel in old VLR/SGSN, if new VLR/SGSN differs from old   |           | 04/15/2020 12:29 PM |                  |
| 3855 | gr-osmosdr                            | Bug     | New    | Normal   | Cannot build gr-osmosdr with Gnuradio 3.8  | horiz0n   | 07/13/2020 10:05 PM |                  |
| 3734 | gr-osmosdr                            | Bug     | New    | High     | Cannot compile gr-osmocom  |           | 12/16/2018 12:22 AM |                  |
| 3882 | gr-osmosdr                            | Bug     | New    | Normal   | Cannot compile gr-osmosdr!   | horiz0n   | 07/18/2019 05:35 AM |                  |
| 6372 | OsmocomBB SDR PHY                     | Bug     | New    | Normal   | Cant connect to BS using cell_log and mobile   |           | 02/22/2024 07:13 AM |                  |
| 5415 | SIMtrace 2                            | Bug     | New    | Normal   | cardem: watchdog triggers firmware reset   | lynxis    | 02/15/2022 08:07 PM |                  |
| 1813 | Qualcomm Linux Modems by Quectel & Co | Bug     | New    | Normal   | cat /dev/snd/* causes kernel oops  |           | 09/30/2016 04:00 PM |                  |
| 5721 | OsmoCBC                               | Feature | New    | Normal   | CBC messages Geographical Scope and CBS Index  |           | 10/19/2022 07:23 AM |                  |
| 5585 | OsmoCBC                               | Bug     | New    | Low      | CBC should not send WRITE-REPLACE to cells that had sent FAILURE                                   |           | 08/05/2022 04:58 PM |                  |
| 4196 | OsmoMSC                               | Feature | New    | Normal   | CC Setup, Call Confirmed: decode and use the Supported Codec List IE                               |           | 09/25/2019 05:27 PM |                  |
| 1550 | OsmoPCU                               | Bug     | New    | Normal   | Cell reselection under network control   |           | 02/23/2016 03:06 PM |                  |



| #    | Project                               | Tracker | Status | Priority | Subject  | Assignee   | Updated             | Related issues                                     |
|------|---------------------------------------|---------|--------|----------|--|------------|---------------------|--|
| 5682 | OsmoUPF                               | Feature | New    | Low      | cfg: separate PFCP Node ID from PFCP local address   |            | 09/17/2022 02:21 PM | Related to #5682                                   |
| 5647 | OsmoHNBGW                             | Feature | New    | Normal   | cfg: separate PFCP Node ID from PFCP local address   |            | 08/17/2022 03:38 PM | Related to #5648,Related to #5682                  |
| 2933 | OsmoMSC                               | Bug     | New    | Low      | change of trans->bearer_cap (e.g. via MNCC) will not trigger BSSMAP ASSIGNMENT                     |            | 02/12/2018 11:36 AM | Related to #2854                                   |
| 4846 | OsmoPCU                               | Feature | New    | Normal   | change RBB received block bitmap into 1s when everything was acked                                 |            | 11/04/2020 02:29 AM |  |
| 3988 | OsmoMSC                               | Feature | New    | Low      | change the remaining DEBUGP() statements to LOG_MSC_A() / LOG_MSC_A_CAT()                          |            | 05/08/2019 03:26 PM |  |
| 4009 | OsmoBTS                               | Bug     | New    | Normal   | Channel Activation starts SACCH too early in Synchronous Handover                                  |            | 03/11/2022 12:44 PM | Related to #4009,Related to #4010,Related to #4009 |
| 2899 | OsmoBSC                               | Bug     | New    | Low      | channel attributes are sent to BTS even for NONE channels  | osmith     | 09/30/2018 10:42 AM |  |
| 6328 | OsmoBSC                               | Bug     | New    | Normal   | Channel Mode Modify fails to modify the RTP payload type number                                    |            | 01/12/2024 06:24 AM | Related to #6328                                   |
| 3443 | OsmoMGW                               | Bug     | New    | Low      | Check audio-payload options in osmo-mgw VTY  |            | 03/15/2020 08:43 AM |  |
| 1659 | OsmoBSC                               | Feature | New    | Low      | Check encoding of SI at time parameters are entered from VTY, not just at generation time          |            | 12/10/2017 08:06 PM |  |
| 1814 | Qualcomm Linux Modems by Quectel & Co | Feature | New    | Low      | check if qtools work   |            | 10/02/2016 04:08 AM |  |
| 5851 | OsmoSGSN                              | Bug     | New    | Normal   | check if rate ctr GMM_CTR_PKTS_UDATA_IN is correct increased in sgsn_gtp_data_req() func           |            | 01/10/2023 06:40 PM |  |
| 1911 | SIMtrace 2                            | Feature | New    | Normal   | check if we can have an enclosed version of simtrace v2  | tsaitgaist | 09/13/2018 12:40 PM |  |
| 5644 | Osmocom Libraries                     | Bug     | New    | Normal   | Check library pkg-config files for proper dependencies   |            | 08/10/2022 01:02 PM | Related to #5644                                   |
| 2504 | OsmoGSMTester                         | Support | New    | Normal   | check whether running osmo-* from docker images is feasible on osmo-gsm-tester                     |            | 04/06/2020 11:28 AM |  |
| 5122 | OsmoPCU                               | Feature | New    | Normal   | Choose SBA allocation offset based on AGCH queue load in the BTS                                   | pespin     | 04/20/2021 12:51 PM | Related to #5122                                   |
| 2462 | OsmoBSC                               | Feature | New    | Low      | clarify lchan->encr.alg_id   |            | 08/24/2017 01:27 PM | Related to #2462                                   |
| 3738 | OsmoMSC                               | Feature | New    | Normal   | Clarify PS-part of struct vlr_subscr   |            | 12/19/2018 12:34 PM |  |
| 4554 | OsmoMGW                               | Bug     | New    | Normal   | Clean up stale endpoints after OsmoBSC crash   |            | 05/16/2020 08:52 PM |  |
| 2011 | Cellular Network Infrastructure       | Feature | New    | Low      | clean-up / merge IPA (and IPA CCM) code of libosmocore, libosmo-abis, libosmo-netif, openbsc, etc. |            | 12/07/2022 04:11 PM | Related to #4841                                   |
| 5908 | Cellular Network Infrastructure       | Feature | New    | Low      | Cleanup license information throughout the projects  |            | 02/16/2023 11:02 AM |  |

| #    | Project                               | Tracker | Status | Priority | Subject  | Assignee | Updated             | Related issues   |
|------|---------------------------------------|---------|--------|----------|--|----------|---------------------|------------------|
| 3622 | libosmo-abis                          | Bug     | New    | Normal   | Clear API mess in sign_link_up callback  | pespin   | 10/02/2018 07:34 PM |                  |
| 3980 | OsmoMGW                               | Bug     | New    | Normal   | Clear Command before CRCX OK may leak MGW endpoint   |          | 05/06/2019 10:11 PM |                  |
| 5628 | osmo-remsim                           | Bug     | New    | Low      | client-st2: error mesasges when mapping is removed   |          | 07/24/2022 07:14 AM |                  |
| 1692 | OsmoBTS                               | Feature | New    | Low      | clock source monitoring  |          | 04/13/2016 09:49 AM |                  |
| 1546 | OsmoPCU                               | Feature | New    | Low      | closed loop uplink power control   |          | 09/30/2020 08:05 PM |                  |
| 4484 | gr-osmosdr                            | Bug     | New    | Normal   | CMakeFiles.txt   |          | 04/06/2020 05:19 PM |                  |
| 6283 | OsmoHNBGW                             | Bug     | New    | Normal   | cnpool: hnbgw fails to extract Mobile Identity from some GMM Attach Request messages       |          | 12/04/2023 01:48 AM |                  |
| 6245 | OCTOI - Osmocom Community TDM over IP | Feature | New    | Low      | co-locate cisco 2811 ITP/STP in data center  | laforge  | 11/06/2023 01:46 PM |                  |
| 6196 | OsmoMGW                               | Bug     | New    | Normal   | Codec negotiation failure false positives  | dexter   | 12/07/2023 06:25 AM | Related to #6293 |
| 5570 | libosmocore                           | Bug     | New    | Normal   | coding: decode in-band data in AMR's special DTX frames (SID_FIRST, SID_UPDATE, SID_ONSET) | fixeria  | 05/24/2022 08:34 AM | Related to #5570 |
| 5218 | gr-osmosdr                            | Bug     | New    | Normal   | compilation fails: "no matching function for call to fcd_source_c::connect"                |          | 09/05/2021 10:58 PM |                  |
| 4581 | OsmocomBB                             | Support | New    | Normal   | compiler error assert.h no such file   |          | 06/05/2020 09:54 AM |                  |
| 4359 | gr-osmosdr                            | Bug     | New    | Normal   | Compiling from Git Bramcj gr3.8 fails  |          | 01/12/2020 05:08 PM |                  |
| 1510 | UmTRX                                 | Feature | New    | High     | Complete UHD integration   | ipse     | 02/21/2016 04:47 PM |                  |
| 5370 | osmo-lab-rack                         | Feature | New    | Low      | component carrier USB hub  |          | 12/23/2021 06:30 PM |                  |
| 5371 | osmo-lab-rack                         | Feature | New    | Low      | component carrier USB-UART   |          | 12/23/2021 06:31 PM |                  |
| 6148 | OsmoDia2GSUP                          | Bug     | New    | Normal   | config file not installed not used by systemd service in debian                            | pespin   | 10/18/2023 03:21 PM |                  |
| 1623 | OsmoSMSC                              | Feature | New    | Normal   | Configure delivery report for the SMPP delivery links                                      | zecke    | 02/24/2016 01:49 PM |                  |
| 4885 | libosmocore                           | Bug     | New    | Normal   | configure doesn't check for python3  |          | 12/02/2020 03:36 AM |                  |
| 5749 | Cellular Network Infrastructure       | Bug     | New    | Normal   | configure.ac: default CFLAGS, LT_INIT adds "-g -O2"  | fixeria  | 01/31/2023 08:12 PM |                  |

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