

## Issues

| #    | Project                               | Tracker | Status  | Priority | Subject  | Assignee  | Updated             | Related issues                                     |
|------|---------------------------------------|---------|---------|----------|--|-----------|---------------------|--|
| 6394 | OsmoUPF                               | Feature | Stalled | Low      | Basic URR (Usage Reporting Rule) support for tunnel mapping                  |           | 03/22/2024 08:08 AM | Related to #6395                                   |
| 6352 | Cellular Network Infrastructure       | Bug     | Stalled | Low      | ttcn3-bts-test[-latest] is broken since Feb 1st / docker and multicast       | osmith    | 03/06/2024 03:57 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 |  |
| 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                                   |
| 5568 | OsmoMSC                               | Bug     | Stalled | Low      | SMPP socket doesn't use TCP_NODELAY  | osmith    | 10/31/2023 09:36 AM |  |
| 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                                   |
| 5034 | libosmocore                           | Feature | Stalled | Low      | logging: Enable category name instead of hex val by default                  | pespin    | 06/12/2021 05:40 PM | Related to #6272                                   |
| 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                  |
| 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 |
| 4822 | osmo-ccid-firmware                    | Bug     | Stalled | Low      | sysmoOCTSIM with osmo-ccid-firmware sometimes fails to enumerate on USB      |           | 11/05/2021 05:19 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 |  |
| 4592 | OsmoBTS                               | Bug     | Stalled | Low      | osmo-bts-trx: make sure that handover detection works                        | fixeria   | 06/21/2020 03:10 PM | Related to #4592                                   |
| 4409 | osmo-remsim                           | Bug     | Stalled | Low      | osmo-remsim-client-st2 (or firmware?) gets stuck on PTS                      | Hoernchen | 02/06/2021 08:55 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                                     |
| 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                                   |
| 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                  |
| 3699 | Cellular Network Infrastructure       | Feature | Stalled | Low      | merge Debian patches   | Hoernchen | 01/08/2020 10:24 PM | Related to #3699,Related to #3753                  |

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| 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 |  |
| 2979 | OsmoBTS                         | Bug     | Stalled | Low      | osmo-bts-virtual reports bogus measurement values  | laforge  | 07/18/2019 06:06 AM |  |
| 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                          |
| 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                                   |
| 2542 | OsmoHLR                         | Feature | Stalled | Low      | have subscriber create-on-demand   | osmith   | 03/10/2022 03:40 PM | Related to #2541,Related to #5183  |
| 1912 | SIMtrace 2                      | Feature | Stalled | Low      | do proper re-layout of the board   | mschramm | 10/20/2020 08:39 AM | Related to #4118   |
| 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 |  |
| 1823 | OsmoPCU                         | Feature | Stalled | Low      | Ericsson PCU TRAU frame encoding/decoding  |          | 09/04/2019 09:26 AM | Related to #5198   |
| 1768 | OsmoSGSN                        | Bug     | Stalled | Low      | VTY show llc displays State TLLI Unassigned permanently  |          | 01/08/2020 10:52 PM |  |
| 1725 | OsmoNITB                        | Bug     | Stalled | Low      | iPhone6 network selection issue with GSM1900   |          | 03/05/2018 07:35 PM |  |
| 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 |
| 1671 | OsmoNITB                        | Bug     | Stalled | Low      | Combined 850/1800 NITB not seen by Option Icon2 stick  |          | 03/05/2018 07:35 PM |  |
| 1627 | OsmocomBB                       | Support | Stalled | Low      | DCS_8BIT and DCS_UCS2 encoding supprot   |          | 07/16/2018 06:53 PM |  |
| 1597 | OsmoMSC                         | Feature | Stalled | Low      | External interface for USSD  | fixeria  | 11/27/2018 11:08 PM | Related to #1597,Related to #3433  |
| 6411 | Cellular Network Infrastructure | Bug     | Stalled | Normal   | ttcn3: execute testsuites with a more realistic link performance   |          | 04/03/2024 06:25 PM |  |
| 6317 | pySim                           | Bug     | Stalled | Normal   | data driven tests for TLV decoders   | laforge  | 02/15/2024 09:21 PM |  |

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| 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                      |
| 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  |
| 6023 | Core testing infrastructure           | Feature | Stalled | Normal   | test rack/lab power management software with usage/reference counting            | laforge  | 10/18/2023 05:42 PM |   |
| 5826 | SIMtrace 2                            | Feature | Stalled | Normal   | SAM4S4BA support in firmware   | laforge  | 01/31/2023 08:06 PM | Related to #5826  |
| 5760 | Core testing infrastructure           | Feature | Stalled | Normal   | Develop TTCN-3 test suite for MME  | dexter   | 10/04/2023 01:51 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  |
| 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 |   |
| 5696 | OsmoPCU                               | Bug     | Stalled | Normal   | RLC/MAC: poll timeout when assigning a multi-slot DL TBF                         | fixeria  | 10/05/2022 11:01 AM |   |
| 5694 | OCTOI - Osmocom Community TDM over IP | Bug     | Stalled | Normal   | BERT testing   | laforge  | 12/31/2022 08:24 PM |   |
| 5693 | OCTOI - Osmocom Community TDM over IP | Bug     | Stalled | Normal   | no progress tones in yate  |          | 12/03/2023 11:10 AM |   |
| 5691 | libosmo-abis                          | Feature | Stalled | Normal   | Expose DAHDI statistics to prometheus  | laforge  | 01/05/2023 06:06 PM |   |
| 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                                   |
| 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 |   |
| 5502 | OsmocomBB                             | Feature | Stalled | Normal   | MS-side LLC implementation   | pespin   | 09/14/2023 03:59 PM | Related to #5502,Related to #5502                                   |
| 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 |
| 5434 | OCTOI - Osmocom Community TDM over IP | Feature | Stalled | Normal   | more statistics / counters   |          | 12/03/2023 11:17 AM |   |
| 5308 | OsmoBSC                               | Bug     | Stalled | Normal   | confusion around mgw e1 line vs trunk dichotomy                                  | dexter   | 12/13/2021 03:52 PM |   |

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| 5301 | Core testing infrastructure | Bug     | Stalled | Normal   | Run TTCN3 docker tests with sanitizer enabled                                | osmith   | 03/20/2024 09:28 AM | Related to #5302                                   |
| 5276 | SIMtrace 2                  | Feature | Stalled | Normal   | jenkins CI integration like for osmo-ccid-firmware                           | roh      | 11/14/2022 05:24 PM | Related to #5422                                   |
| 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 |  |
| 4947 | OsmoPCU                     | Bug     | Stalled | Normal   | osmo-pcu: Handling for Pkt Resource Req using Global TFI not implemented     | pespin   | 12/22/2022 01:04 PM |  |
| 4941 | OsmoBTS                     | Feature | Stalled | Normal   | VAMOS support in OsmoBTS   | fixeria  | 03/18/2022 01:19 AM | Related to #4941,Related to #4941,Blocks #4941     |
| 4917 | osmo-e1d                    | Feature | Stalled | Normal   | reporting of alarms/errors known to the icE1usb                              | laforge  | 04/10/2022 10:36 AM |  |
| 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                                   |
| 4867 | OsmoPCU                     | Bug     | Stalled | Normal   | Cinterion BGS2T failing to attach (no Attach Complete ever sent)             | pespin   | 11/30/2020 09:48 AM |  |
| 4857 | osmo-clock-gen              | Bug     | Stalled | Normal   | FLV9001IDBVR no longer in stock ag digikey                                   | mschramm | 04/10/2021 10:22 PM |  |
| 4801 | OsmoBTS                     | Bug     | Stalled | Normal   | BTS_Tests.TC_tch_sign_l2_fill_frame_dtxd fails                               | fixeria  | 11/15/2023 08:32 AM | Related to #4801,Related to #5474                  |
| 4731 | libosmocore                 | 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                  |
| 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                                   |
| 4692 | Core testing infrastructure | Feature | Stalled | Normal   | finally implement testing of the actual voice audio path                     | laforge  | 04/19/2021 06:27 PM |  |
| 4542 | OsmoGSMTester               | Bug     | Stalled | Normal   | ofono: crash in drivers/qmimodem/gprs.c:extract_ss_info()                    | pespin   | 07/30/2021 10:30 AM |  |
| 4534 | Ericsson RBS 6xxx           | Support | Stalled | Normal   | Take pictures of RBS6k gear for documentation                                | roh      | 05/20/2020 03:19 PM |  |
| 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 |
| 4476 | IMSI Pseudonymization       | Feature | Stalled | Normal   | OsmoHLR: support IMSI pseudo in location update                              | neels    | 05/27/2020 01:11 PM | Blocks #4477                                       |
| 4452 | OsmoPCU                     | Bug     | Stalled | Normal   | manual testing of osmo-pcu   |          | 07/28/2023 02:48 PM |  |
| 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                  |

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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  |
| 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  |
| 4362 | OsmoTRX                         | Feature | Stalled | Normal   | osmo-trx-lms: Support multi-arfcn feature   |          | 09/30/2020 08:09 PM | Related to #4362,Related to #4362   |
| 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  |
| 4070 | OsmoBSC                         | Bug     | Stalled | Normal   | Implement IPA PING/PONG mechanism on RSL and OML  | osmith   | 09/30/2020 08:13 PM | Related to #5785  |
| 4023 | OsmoBTS                         | Bug     | Stalled | Normal   | Missing coverage of PCU interface in osmo-bts   |          | 03/21/2023 01:07 PM | Related to #4023  |
| 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 #4081,Related to #4658,Related to #4941,Related to #5283 |
| 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  |
| 3863 | OsmoBTS                         | Support | Stalled | Normal   | setup testing of osmo-bts-oc2g on real hardware with ttcn3 and osmocon/osmocombb                    |          | 12/01/2019 10:52 AM |   |
| 3812 | libosmo-netif                   | Bug     | Stalled | Normal   | stream_test fails depending on where it is run  |          | 03/13/2019 04:15 PM |   |
| 3806 | OsmoBSC                         | Bug     | Stalled | Normal   | OsmoBSC accepts BSSAP with wrong length field   |          | 08/28/2020 08:15 PM | Related to #3806  |
| 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  |
| 3735 | OsmoMSC                         | Bug     | Stalled | Normal   | call arriving during another call has no voice  | neels    | 06/18/2019 09:18 PM |   |
| 3620 | OsmoMSC                         | Feature | Stalled | Normal   | Implement TTCN-3 testsuite for Inter-MSC HO   | neels    | 09/04/2019 09:08 AM |   |
| 3569 | OsmoBTS                         | Bug     | Stalled | Normal   | Some phones don't receive SMS CB  | laforge  | 01/14/2019 03:32 PM |   |
| 3566 | Misc Hardware Projects          | Feature | Stalled | Normal   | power supply / battery / charge for our GSM-R OPS 940   | laforge  | 04/02/2023 09:05 AM |   |
| 3560 | OsmoGSMTester                   | Bug     | Stalled | Normal   | nanoBTS multiTRX tests in osmo-gsm-tester Prod setup failing  | pespin   | 09/04/2019 09:16 AM | Related to #3560,Related to #3560,Related to #3628,Is duplicate of #3475                              |

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| 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 |  |
| 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   |
| 3445 | OsmoMSC                         | Feature | Stalled | Normal   | SS/USSD: clean up the local GSM 04.80 API  |           | 12/14/2018 01:57 PM |  |
| 3425 | OsmocomBB SDR PHY               | Bug     | Stalled | Normal   | Receiver: missing AGC (Automatic Gain Control)   |           | 07/09/2023 07:44 PM |  |
| 3424 | OsmocomBB SDR PHY               | Feature | Stalled | Normal   | Transceiver: implement automatic TX delay measurement                                  |           | 07/09/2023 07:46 PM |  |
| 3423 | OsmocomBB SDR PHY               | Feature | Stalled | Normal   | Receiver: hard-coded GSM 05.02 channel configuration                                   |           | 07/09/2023 07:45 PM |  |
| 3422 | OsmocomBB SDR PHY               | Bug     | Stalled | Normal   | Receiver: sample / burst buffering problem   |           | 07/09/2023 07:39 PM |  |
| 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 |  |
| 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  |
| 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  |
| 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 |
| 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  |
| 2851 | OsmoMSC                         | Bug     | Stalled | Normal   | a_iface.c:534 Unhandled SIGTRAN primitive: 3:2   |           | 07/18/2019 05:45 AM |  |
| 2807 | Z-Netz                          | Bug     | Stalled | Normal   | Obtain ZERBERUS software build[s] and manual[s]  | laforge   | 01/01/2020 01:51 PM |  |
| 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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| 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   |
| 2514 | GSM Audio Pocket Knife | Bug     | Stalled | Normal   | GSM HR encoding result does not match the reference                 | fixeria  | 04/03/2019 08:37 AM |  |
| 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   |
| 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 |
| 2197 | OsmoGSMTester          | Feature | Stalled | Normal   | osmo-gsm-tester: use MNCC interface                                 |          | 11/30/2017 10:41 AM | Related to #2194,Is duplicate of #2197   |
| 1838 | OsmoPCU                | Bug     | Stalled | Normal   | Nokia E52 doest reply to PUAN message properly                      |          | 10/29/2017 06:47 PM |  |
| 1794 | OsmoSGSN               | Bug     | Stalled | Normal   | support random IV for GEA (via XID)                                 |          | 03/01/2018 11:17 PM | Related to #1910,Related to #1672,Related to #2843,Blocks #1794,Blocks #1582                                       |
| 1655 | OsmoSGSN               | Feature | Stalled | Normal   | KPIs for OsmoSGSN   |          | 01/08/2020 10:49 PM | Related to #1652,Related to #1655,Related to #1655   |
| 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                               |
| 1587 | OsmoSGSN               | Feature | Stalled | Normal   | SMS over GPRS support   |          | 11/25/2018 08:14 PM | Related to #3587   |
| 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  |

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| 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                  |
| 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  |
| 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  |
| 5527 | osmo-remsim                 | Bug     | Stalled | High     | warn on duplicate client (id) connections   | laforge  | 07/13/2022 01:25 PM | Related to #5527  |
| 5419 | SIMtrace 2                  | Bug     | Stalled | High     | cardem errors with higher baud rate   | laforge  | 11/07/2022 06:22 PM |   |
| 4940 | OsmoBSC                     | Feature | Stalled | High     | VAMOS support in OsmoBSC  | neels    | 08/11/2021 02:47 PM | Related to #4941  |
| 4916 | osmo-e1d                    | Bug     | Stalled | High     | USB unplug / replugin renders e1d unusable  | laforge  | 12/04/2023 12:34 PM | Related to #5983  |
| 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 |   |
| 4829 | OsmocomBB                   | Bug     | Stalled | High     | OsmocomBB Rx bit errors in dedicated mode   | laforge  | 02/06/2021 09:11 AM | Related to #4832  |
| 4771 | OsmoBTS                     | Bug     | Stalled | High     | Don't log NOTICE messages on missing uplink bursts  | fixeria  | 11/16/2021 03:05 PM |   |
| 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   |
| 4576 | Core testing infrastructure | Bug     | Stalled | High     | ttcn3-hlr-tests need to route multicast traffic between ttcn3-hlr-test and osmo-hlr-master containers | neels    | 10/28/2020 09:48 PM |   |
| 4522 | osmo-gbproxy                | Feature | Stalled | High     | gbproxy: Redundancy within proxy pair   | daniel   | 07/09/2021 06:43 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   |
| 3928 | OsmoPCU                     | Bug     | Stalled | High     | Missing PCU_Tests.ttcn for various timers / time-outs   | pespin   | 11/15/2021 05:46 PM | Related to #5033  |
| 3926 | OsmoPCU                     | Bug     | Stalled | High     | Missing PCU_Tests.ttcn DL TBF tests   | pespin   | 03/01/2021 11:06 AM |   |
| 3717 | OsmoHLR                     | Bug     | Stalled | High     | SS/USSD: fix SS session inactivity timeout  | fixeria  | 12/05/2018 08:45 PM |   |
| 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 |



| #    | Project                         | Tracker | Status   | Priority | Subject  | Assignee | Updated             | Related issues   |
|------|---------------------------------|---------|----------|----------|--|----------|---------------------|--|
| 3568 | OsmoBTS                         | Bug     | Stalled  | High     | CBCH on SDCCH/8 not working for osmo-bts-sysmo   | laforge  | 01/14/2019 03:29 PM |  |
| 3399 | OsmocomBB                       | Feature | Stalled  | High     | mobile: refactor / finish external MNCC handler implementation                                       | fixeria  | 10/04/2018 09:07 PM |  |
| 3379 | SIMtrace 2                      | Bug     | Stalled  | High     | documentation on how to use SIMtrace2  | laforge  | 11/14/2022 05:31 PM | Related to #3379   |
| 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                       |
| 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 |
| 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                                     |
| 2622 | OsmoBSC                         | Support | Stalled  | High     | Prepare automatic interop testing of OsmoBSC against NG40 core simulator + osmo-bts-virtual + mobile |          | 09/04/2019 09:18 AM | Related to #2478, Related to #2558, Related to #2555                   |
| 2604 | Cellular Network Infrastructure | Feature | Stalled  | High     | GSUP-to-DIAMETER converter / IWF   | laforge  | 02/29/2020 11:27 AM | Related to #5646   |
| 2409 | OsmocomBB                       | Feature | Stalled  | High     | Add GPRS support to virt_phy and L1CTL   | fixeria  | 08/19/2022 03:06 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                   |
| 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                                     |
| 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                                     |
| 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                                     |
| 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   |
| 6381 | Core testing infrastructure     | Bug     | Feedback | Low      | libosmocore changes take too long until they propagate through OBS master                            | laforge  | 03/01/2024 10:10 AM |  |
| 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  |
|------|---------------------------------|---------|----------|----------|--|----------|---------------------|---|
| 6197 | OsmoSGSN                        | Bug     | Feedback | Low      | "Cannot handle SM for unknown MM CTX"  | fixeria  | 03/10/2024 06:23 PM |   |
| 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                               |
| 5241 | OsmoGGSN (former OpenGGSN)      | Bug     | Feedback | Low      | GTP: Malformed Packet pdp ctx response.  | lynxis   | 03/23/2022 05:31 PM |   |
| 4798 | OsmocomBB                       | Bug     | Feedback | Low      | fake_trx send TRXC responses from wrong source address   | fixeria  | 04/30/2021 03:37 AM |   |
| 3982 | Cellular Network Infrastructure | Feature | Feedback | Low      | osmo-depcheck.py: set dependency hashes on command line  | osmith   | 05/15/2023 09:51 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 |
| 3352 | OsmoMGW                         | Feature | Feedback | Low      | osmo-mgw does not allow multiple codecs in LCO   | neels    | 01/08/2020 10:25 PM |   |
| 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              |
| 2404 | OsmoPCU                         | Bug     | Feedback | Low      | PAGING-PS doesn't use QoS parameters from BSSGP  | osmith   | 09/10/2019 11:54 AM |   |
| 1898 | OsmoBTS                         | Bug     | Feedback | Low      | Wrong handover detection with l1sap on wrong ss=0/ts=0   |          | 11/07/2017 09:54 PM |   |
| 1640 | OsmoPCU                         | Bug     | Feedback | Low      | Missing release field/length in MS RA capability container   |          | 10/20/2020 09:19 AM |   |
| 1533 | OsmoPCU                         | Feature | Feedback | Low      | Separate the window handling from the TBF more clearly   | zecke    | 07/21/2017 02:46 PM | Related to #1533  |
| 6440 | libosmocore                     | Bug     | Feedback | Normal   | VTY: 'write file' breaks 'show startup-config'   |          | 04/26/2024 04:23 AM |   |
| 6439 | OsmoSGSN                        | Bug     | Feedback | Normal   | ttn3-sgsn-test: SGSN_Tests.TC_attach_rau_a_b crashes osmo-sgsn   | fixeria  | 04/21/2024 02:07 PM | Related to #6439,Related to #6441                               |
| 6437 | libosmocore                     | Bug     | Feedback | Normal   | osmo_io_ops segmentation_cb missing parameter holding state  | pespin   | 04/19/2024 10:17 AM |   |
| 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                               |
| 6422 | OsmoBSC                         | Bug     | Feedback | Normal   | latest: BSC_Tests.TC_ctrl_location started fo fail on March 15th   | fixeria  | 04/02/2024 06:56 PM |   |

| #    | Project  | Tracker | Status   | Priority | Subject  | Assignee  | Updated             | Related issues                    |
|------|--|---------|----------|----------|--|-----------|---------------------|-----------------------------------|
| 6416 | E1/T1 Hardware Interface (including icE1usb)   | Support | Feedback | Normal   | Serial debug tty port speed  | pfassberg | 03/22/2024 06:52 PM |                                   |
| 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 |                                   |
| 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 |                                   |
| 6377 | erlang/osmo_ss7                                | Bug     | Feedback | Normal   | ipa: Failure decoding ipa frames split between several tcp packets                         | pespin    | 02/28/2024 03:00 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    | lynxis    | 04/22/2024 05:29 PM | Related to #6361                  |
| 6349 | Cellular Network Infrastructure                | Bug     | Feedback | Normal   | example configs missing in release tarballs  | fixeria   | 01/29/2024 04:04 PM |                                   |
| 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 |                                   |
| 6318 | OsmoBSC  | Bug     | Feedback | Normal   | Show lchan shows wrong number of channels for TCH  | neels     | 12/25/2023 01:01 AM |                                   |
| 6273 | Core testing infrastructure                    | Bug     | Feedback | Normal   | TTCN3 tests keep suffering from race conditions on shutdown                                | daniel    | 12/05/2023 03:29 PM |                                   |
| 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                  |
| 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 |                                   |
| 6224 | Retronetworking                                | Feature | Feedback | Normal   | how to document the rescued EWSD   |           | 10/18/2023 04:51 PM |                                   |
| 6217 | OsmoMSC  | Bug     | Feedback | Normal   | Bearer Capability mismatch in MT SETUP   | neels     | 10/10/2023 10:17 PM |                                   |
| 6181 | SIMtrace 2                                     | Bug     | Feedback | Normal   | Unexpected INS code with simtrace2-sniff: 0x7f   | v.marinos | 10/18/2023 09:41 PM |                                   |
| 6162 | libosmocore                                    | Bug     | Feedback | Normal   | master build failure with clang-16   | Hoernchen | 11/18/2023 09:17 AM |                                   |
| 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 |                                   |
| 6153 | OsmoHNodeB                                     | Support | Feedback | Normal   | List of supported FemtoCell  | Kira      | 08/28/2023 02:24 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 |                                   |
| 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 |                                   |
| 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 |

| #    | Project  | Tracker | Status   | Priority | Subject   | Assignee | Updated             | Related issues                    |
|------|--|---------|----------|----------|---|----------|---------------------|-----------------------------------|
| 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                  |
| 6089 | pySim  | Feature | Feedback | Normal   | log the current file / operation during execution of a script                                 | laforge  | 11/27/2023 04:37 PM |                                   |
| 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 |                                   |
| 5953 | OsmoBTS  | Bug     | Feedback | Normal   | ttn3-bts-test: TC_ms_pwr_ctrl_{constant,pf_ewma} are failing                                  | fixeria  | 03/25/2024 05:19 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 |                                   |
| 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                      |
| 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                  |
| 5824 | osmo-e1d                                       | Bug     | Feedback | Normal   | Line dead message in the log after start  | laforge  | 12/25/2023 01:43 PM |                                   |
| 5809 | Cellular Network Infrastructure                | Bug     | Feedback | Normal   | applications disrespect potentially VTY-configured tcp/telnet port                            | osmith   | 10/31/2023 09:34 AM |                                   |
| 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 |                                   |
| 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 |                                   |
| 5757 | OsmoDia2GSUP                                   | Feature | Feedback | Normal   | functional test suite for osmo_dia2gsup   | lynxis   | 09/06/2023 02:48 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 |
| 5657 | OsmoDia2GSUP                                   | Bug     | Feedback | Normal   | dia2gsup not (re-)connecting to HLR if osmo-hlr is down                                       | lynxis   | 11/11/2023 06:20 PM |                                   |
| 5639 | SIMtrace 2                                     | Bug     | Feedback | Normal   | No packet captured but only "Card state change:"  | g1bbs    | 09/20/2023 01:29 PM |                                   |
| 5600 | SIMtrace 2                                     | Feature | Feedback | Normal   | SIMtrace2 fails to emulate EMV cards  | boggy123 | 12/14/2022 01:07 PM |                                   |
| 5503 | OsmocomBB                                      | Feature | Feedback | Normal   | expose GPRS user plane via tun device   | pespin   | 08/28/2023 10:38 PM | Related to #6115                  |
| 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 |                                   |
| 5208 | libosmocore                                    | Bug     | Feedback | Normal   | ns2: add testcase for SNS Size with invalid tv  | lynxis   | 02/12/2023 08:37 PM |                                   |
| 5171 | OsmocomBB                                      | Bug     | Feedback | Normal   | ccch_scan failed  | thor123  | 06/09/2021 12:06 AM |                                   |
| 5124 | Cellular Network Infrastructure                | Feature | Feedback | Normal   | network:osmocom:nightly feed with "-OO" builds  | laforge  | 05/11/2023 11:11 AM |                                   |
| 4968 | osmo-gbproxy                                   | Bug     | Feedback | Normal   | Multiple TTCN3 tests only expect one SGSN   | daniel   | 12/09/2021 09:17 PM | Related to #4968                  |

| #    | Project                         | Tracker | Status   | Priority | Subject   | Assignee                      | Updated             | Related issues                                     |
|------|---------------------------------|---------|----------|----------|---|-------------------------------|---------------------|--|
| 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 |  |
| 4856 | OsmoPCU                         | Bug     | Feedback | Normal   | PCU is running but has no NS connection and does not retry.   | keith                         | 10/18/2021 10:02 AM |  |
| 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                  |
| 4845 | OsmoPCU                         | Bug     | Feedback | Normal   | only send content resolution if it's needed   | lynxis                        | 07/28/2023 02:45 PM |  |
| 4844 | OsmoPCU                         | Bug     | Feedback | Normal   | do not resent DL assignment on RACH   | lynxis                        | 07/28/2023 02:44 PM |  |
| 4797 | libosmocore                     | Bug     | Feedback | Normal   | vtv: the output of 'show ns' command is confusing   | fixeria                       | 10/23/2020 05:35 PM | Related to #4855,Related to #5085                  |
| 4727 | libosmocore                     | Feature | Feedback | Normal   | Add more distro/platform/archs to jenkins CI  | laforge                       | 05/15/2023 09:48 AM | Is duplicate of #4789                              |
| 4700 | libosmocore                     | Bug     | Feedback | Normal   | 'socket' C test fails when there is no IPv6   | neels                         | 03/24/2021 12:33 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 |
| 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                                   |
| 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                                   |
| 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 |
| 4403 | IMSI Pseudonymization           | Feature | Feedback | Normal   | OsmoHLR: How to interface with SMS service?   |                               | 04/16/2020 08:45 AM | Blocks #4477                                       |
| 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 |
| 4167 | OsmoMSC                         | Bug     | Feedback | Normal   | Event VLR_ULA_E_ID_IMEISV not permitted   | osmith                        | 09/04/2019 08:13 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                  |
| 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 |  |
| 2951 | OsmoSGSN                        | Bug     | Feedback | Normal   | OsmoSGSN Accepts two MO L3 Messages with N(U) set to zero   | osmith                        | 09/11/2019 12:24 PM |  |

| #    | Project  | Tracker | Status      | Priority | Subject  | Assignee  | Updated             | Related issues   |
|------|--|---------|-------------|----------|--|-----------|---------------------|--|
| 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 |  |
| 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   |
| 2691 | OsmoNITB                                       | Bug     | Feedback    | Normal   | Old TMSI paged after LU  |           | 05/17/2018 11:47 AM |  |
| 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   |
| 1990 | OsmocomBB                                      | Bug     | Feedback    | Normal   | bb nand flash  | yangkkokk | 07/10/2017 10:22 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   |
| 1906 | osmo-qcdiag                                    | Bug     | Feedback    | Normal   | wireshark: fix decoding of (E)GPRS RLC/MAC frames                                  | Hoernchen | 02/08/2021 08:07 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 |
| 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 |  |
| 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   |
| 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   |
| 6263 | libosmocore                                    | Bug     | In Progress | Low      | impossible to detect wrong callbacks being registered / osmo_io_ops union          | daniel    | 11/21/2023 09:21 AM |  |
| 6249 | libosmocore                                    | Bug     | In Progress | Low      | logging: ANSI color sequences should be reset after log message                    | manawyrm  | 12/04/2023 07:00 AM | Related to #6284   |
| 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   |

| #    | Project  | Tracker | Status      | Priority | Subject  | Assignee | Updated             | Related issues  |
|------|--|---------|-------------|----------|--|----------|---------------------|---|
| 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 |   |
| 5939 | Retrocomputing                                 | Bug     | In Progress | Low      | Assemble GraphicGremlin / isavideo   | laforge  | 03/15/2023 09:06 AM |   |
| 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 |   |
| 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 |   |
| 5463 | Retronetworking                                | Feature | In Progress | Low      | X.21 hardware interface  | vogelchr | 03/04/2023 02:37 PM |   |
| 4535 | OsmoMGW  | Feature | In Progress | Low      | Develop "E1/Abis generator"  | laforge  | 01/02/2022 01:57 PM | Precedes #2547  |
| 4474 | OsmoBTS  | Bug     | In Progress | Low      | l1fwd (-remote) tried to read eeprom locally   |          | 11/04/2021 06:35 PM |   |
| 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 |   |
| 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 |
| 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  |
| 6435 | osmo-ePDG - VoWifi Evolved Packet Data Gateway | Bug     | In Progress | Normal   | epdg: fix inter-UE traffic   | lynxis   | 04/08/2024 06:55 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  |
| 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 |   |
| 6370 | osmo-ePDG - VoWifi Evolved Packet Data Gateway | Bug     | In Progress | Normal   | setup ims with kamailio  | lynxis   | 03/14/2024 09:01 PM |   |
| 6364 | osmo-ePDG - VoWifi Evolved Packet Data Gateway | Bug     | In Progress | Normal   | strongswan: gsup: remove single request limitation   | lynxis   | 02/20/2024 05:59 PM | Related to #6366  |
| 6270 | OsmoBTS  | Bug     | In Progress | Normal   | osmo-bts sends version report every 5s to BSC?   | dexter   | 02/19/2024 03:06 PM |   |
| 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  |
| 6254 | OsmoDia2GSUP                                   | Bug     | In Progress | Normal   | Reconnects of the ttcn3 aren't handled   | lynxis   | 11/11/2023 05:13 PM |   |
| 6212 | Linux Kernel GTP-U                             | Bug     | In Progress | Normal   | GTP extension headers  | pespin   | 10/18/2023 03:03 PM | Related to #6223  |
| 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  |

| #    | Project                         | Tracker | Status      | Priority | Subject   | Assignee  | Updated             | Related issues                    |
|------|---------------------------------|---------|-------------|----------|---|-----------|---------------------|-----------------------------------|
| 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                  |
| 6152 | OsmoMSC                         | Bug     | In Progress | Normal   | built-in MNCC: forward the @Low layer compatibility l@ IE to the called subscriber  | jolly     | 12/20/2023 12:52 PM | Related to #6152                  |
| 6119 | pySim                           | Bug     | In Progress | Normal   | aram_get_config runs into an exception on a sysmocomSJA2  | laforge   | 12/05/2023 05:26 PM |                                   |
| 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 |                                   |
| 5938 | Retrocomputing                  | Feature | In Progress | Normal   | assemble "fake parallel printer"  | laforge   | 09/13/2023 09:32 AM |                                   |
| 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 |                                   |
| 5900 | OsmoUPF                         | Feature | In Progress | Normal   | make sure chain ids used in the tunmap nft ruleset are unused   |           | 02/09/2023 05:34 PM |                                   |
| 5889 | OsmoHLR                         | Bug     | In Progress | Normal   | subscriber data: send out correct PDP Info  | lynxis    | 09/01/2023 04:20 PM |                                   |
| 5679 | libosmo-sccp + libosmo-sigtran  | Feature | In Progress | Normal   | unsupported SCCP user primitive N-PCSTATE.indication  | neels     | 02/18/2023 01:46 AM |                                   |
| 5632 | Core testing infrastructure     | Bug     | In Progress | Normal   | better test result summary / notifications  | lynxis    | 08/31/2022 11:58 AM |                                   |
| 5464 | SIMtrace 2                      | Bug     | In Progress | Normal   | cardem firmware unable to attach to card  | laforge   | 11/18/2022 06:41 PM | Related to #5464                  |
| 5422 | SIMtrace 2                      | Feature | In Progress | Normal   | "cardem" continuous testing setup   | laforge   | 01/27/2022 12:22 PM | Related to #5422                  |
| 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 |
| 5230 | OsmoHNBGW                       | Bug     | In Progress | Normal   | hnbgw fails to connect to the sgsn  | lynxis    | 10/14/2021 07:50 AM |                                   |
| 5214 | OsmoMGW                         | Feature | In Progress | Normal   | osmo-mgw multithreading   | Hoernchen | 08/31/2021 09:20 AM |                                   |
| 5180 | libosmocore                     | Bug     | In Progress | Normal   | ns2: Document NS inspection/blocking commands   | lynxis    | 06/15/2021 01:10 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 |
| 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 |
| 4922 | OsmoBSC                         | Feature | In Progress | Normal   | Implement MS Power Control  | keith     | 11/04/2021 06:37 PM |                                   |
| 4842 | libosmocore                     | Bug     | In Progress | Normal   | gsm0408 test fails on several architectures   | neels     | 08/23/2022 04:38 PM |                                   |
| 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                  |



| #    | Project            | Tracker | Status      | Priority | Subject  | Assignee | Updated             | Related issues   |
|------|--------------------|---------|-------------|----------|--|----------|---------------------|--|
| 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                  |
| 4520 | osmo-gbproxy       | Feature | In Progress | Normal   | gbproxy: Redundancy between NS-VCs (BSS Side)  | lynxis   | 02/19/2021 04:50 PM | Related to #4520   |
| 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   |
| 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 |  |
| 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 |  |
| 4240 | OsmoMSC            | Bug     | In Progress | Normal   | test: incoming call when already Paging  |          | 11/27/2019 11:09 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 |  |
| 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  |
| 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   |
| 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 |
| 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                                   |
| 2501 | OsmoSGSN           | Bug     | In Progress | Normal   | suspected problem with unanswered neighbor solicitation                                | osmith   | 09/11/2019 12:58 PM |  |
| 2238 | OsmoGSMTester      | Bug     | In Progress | Normal   | ofono: Gobi modem: cannot receive SMS  |          | 01/08/2020 10:42 PM | Related to #2238   |
| 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 |  |
| 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 |  |
| 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 |  |
| 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 |  |

| #    | Project  | Tracker | Status      | Priority | Subject   | Assignee  | Updated             | Related issues   |
|------|--|---------|-------------|----------|---|-----------|---------------------|--|
| 6290 | Osmocom Conferences (OsmoDevCon, OsmoCon, OsmoDevCall) | Feature | In Progress | High     | Organize OsmoDevCon 2024  | laforge   | 03/06/2024 12:06 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   |
| 5921 | SIMtrace 2   | Bug     | In Progress | High     | simtrace2 cardem vs. Linux kernel USB autosuspend                           | laforge   | 09/16/2023 10:47 PM | Related to #5921   |
| 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 |  |
| 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  |
| 5516 | OsmoTRX  | Feature | In Progress | High     | BladeRF 2.0 Support   | Hoernchen | 02/14/2023 02:59 PM | Is duplicate of #2430  |
| 5480 | Open Source IMS Client                                 | Feature | In Progress | High     | Linux kernel IPsec plugin for doubango                                      | laforge   | 03/25/2022 10:44 AM |  |
| 5349 | OsmoSGSN   | Bug     | In Progress | High     | Message for non-existing SMDCP Entity                                       |           | 07/17/2023 04:42 PM |  |
| 4830 | OsmoMSC  | Bug     | In Progress | High     | LU reject when no authentication data in HLR but "authentication optional"  | neels     | 10/10/2022 02:03 PM |  |
| 4107 | Cellular Network Infrastructure                        | Feature | In Progress | High     | Start systemd services as non-root user                                     | osmith    | 04/26/2024 09:08 AM | Related to #4107,Related to #4821,Related to #4107,Related to #5669,Related to #5685,Related to #5687,Related to #5722 |
| 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  |
| 1766 | OsmoPCU  | Bug     | In Progress | High     | KPIs for OsmoPCU: EGPRS   |           | 01/22/2020 02:06 PM | Related to #1766,Related to #1766  |
| 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  |
| 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   |

| #    | Project  | Tracker | Status | Priority | Subject  | Assignee | Updated             | Related issues   |
|------|--|---------|--------|----------|--|----------|---------------------|------------------|
| 6420 | OsmoGGSN (former OpenGGSN)                     | Bug     | New    | Low      | osmo-ggsn + pre-configured tun device seems to be broken with kernel gtp-u     |          | 03/26/2024 11:43 AM |                  |
| 6419 | OsmoGGSN (former OpenGGSN)                     | Bug     | New    | Low      | osmo-ggsn removes tun devices it did not create                                |          | 03/26/2024 11:26 AM |                  |
| 6415 | E1/T1 Hardware Interface (including icE1usb)   | Bug     | New    | Low      | osmo_panic after truncated packet  | laforge  | 03/22/2024 06:54 PM |                  |
| 6402 | libosmocore                                    | Feature | New    | Low      | consider using IORING_RECVSEND_POLL_FIRST for our socket-reads                 |          | 03/14/2024 08:21 AM |                  |
| 6401 | libosmocore                                    | Feature | New    | Low      | benchmark batching io_uring operations   |          | 03/14/2024 08:10 AM |                  |
| 6395 | OsmoHNBGW                                      | Feature | New    | Low      | PFCP URR support in osmo-hnbgw   |          | 03/22/2024 08:08 AM | Related to #6395 |
| 6390 | libosmocore                                    | Feature | New    | Low      | port CTRL over to osmo_io / io_uring   |          | 03/02/2024 06:45 PM | Related to #6390 |
| 6389 | libosmocore                                    | Feature | New    | Low      | port VTY over to osmo_io / io_uring  |          | 03/02/2024 04:55 PM | Related to #6389 |
| 6378 | OsmoBSC  | Bug     | New    | Low      | Ericsson DUG 20 rejects SI2quarter   | keith    | 03/10/2024 06:38 PM | Related to #6378 |
| 6354 | osmo-ePDG - VoWifi Evolved Packet Data Gateway | Feature | New    | Low      | investigate UE behavior in terms of respecting ePDG configuration on USIM/ISIM |          | 02/07/2024 04:10 PM |                  |
| 6345 | osmo-ePDG - VoWifi Evolved Packet Data Gateway | Feature | New    | Low      | osmo-epdg: Implement SWm interface (Diameter) ePDG <-> AAA                     |          | 01/25/2024 05:22 PM |                  |
| 6340 | pySim  | Bug     | New    | Low      | exception when using osmo-smdpp with python 3.9                                | laforge  | 02/15/2024 09:29 PM |                  |
| 6327 | Cellular Network Infrastructure                | Feature | New    | Low      | Osmocom-build-tags-against-master job builds very basic configurations         | osmith   | 01/11/2024 08:17 PM |                  |
| 6322 | pySim  | Bug     | New    | Low      | ATR type annotation  |          | 01/03/2024 09:55 PM |                  |
| 6321 | OsmoMSC  | Bug     | New    | Low      | SMS not delivered from corrupted SMS database                                  |          | 01/02/2024 01:07 PM |                  |
| 6315 | pySim  | Feature | New    | Low      | have test data for all supported files   |          | 12/23/2023 09:36 AM |                  |
| 6314 | pySim  | Bug     | New    | Low      | pySim-trace doesn't support ARA-M  |          | 12/23/2023 09:36 AM |                  |
| 6303 | OsmoPCU  | Feature | New    | Low      | Convert pcuif to TLV to make backwards compatibility more feasible             |          | 02/15/2024 09:23 PM |                  |
| 6285 | OsmoHNBGW                                      | Feature | New    | Low      | IUFP needs not CRCX in loopback mode   |          | 12/04/2023 03:58 AM |                  |
| 6274 | OCTOI - Osmocom Community TDM over IP          | Bug     | New    | Low      | yate is eating 260% CPU while doing nothing                                    | laforge  | 11/25/2023 02:31 PM |                  |
| 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 |                  |
| 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 |                  |

| #    | Project                         | Tracker | Status | Priority | Subject   | Assignee  | Updated             | Related issues                     |
|------|---------------------------------|---------|--------|----------|---|-----------|---------------------|------------------------------------|
| 6244 | Retronetworking                 | Feature | New    | Low      | scan more/all EWS(O) documentation laforge has                                  | laforge   | 11/01/2023 09:50 PM |                                    |
| 6243 | Cellular Network Infrastructure | Feature | New    | Low      | vty cfg: make changing startup defaults of applications backwards compatible    |           | 11/01/2023 07:06 PM |                                    |
| 6241 | libosmo-sccp + libosmo-sigtran  | Feature | New    | Low      | M3UA "Network Appearance" support   |           | 10/31/2023 03:00 PM | Related to #6241                   |
| 6237 | Retronetworking                 | Feature | New    | Low      | Design + Build PCBA for NE555 based fake fan rpm sensor                         | laforge   | 10/30/2023 01:38 AM |                                    |
| 6195 | Retronetworking                 | Feature | New    | Low      | Wiki page on Cisco *WIC-* line cards for 26xx/28xx series                       | laforge   | 10/08/2023 07:33 AM |                                    |
| 6194 | Retronetworking                 | Feature | New    | Low      | wiki page on MultiTech MT5600-BL  | laforge   | 09/27/2023 12:46 PM |                                    |
| 6193 | Retronetworking                 | Support | New    | Low      | Replace "event rack" PM3 power supply   | laforge   | 09/27/2023 12:19 PM |                                    |
| 6176 | OsmoSGSN                        | Bug     | New    | Low      | build failure (dependency / concurrency issue)                                  |           | 09/13/2023 03:14 PM |                                    |
| 6167 | OsmoBTS                         | Feature | New    | Low      | csd_v110: implement rate adaptation for TCH/F14.4                               |           | 09/01/2023 11:58 AM | Related to #6167, Related to #6346 |
| 6122 | Cellular Network Infrastructure | Bug     | New    | Low      | remove big endian support   | osmith    | 10/18/2023 05:20 PM | Related to #6122                   |
| 6120 | pySim                           | Bug     | New    | Low      | select MF raise an exception after selecting ADF.ARA-M                          | dexter    | 12/18/2023 10:30 AM | Related to #6120                   |
| 6104 | pySim                           | Feature | New    | Low      | reduce number of python dependencies  |           | 07/20/2023 04:28 PM |                                    |
| 6092 | pySim                           | Feature | New    | Low      | "export" suport for ARA-M   | dexter    | 10/31/2023 06:40 PM |                                    |
| 6086 | pySim                           | Feature | New    | Low      | implement features of sysmo-{usim, isim}-tool                                   | laforge   | 07/13/2023 04:09 AM |                                    |
| 6085 | OsmoHNBGW                       | Feature | New    | Low      | context_map_sccp.c parrots states/events that the SCCP-SCOC FSM already handles | neels     | 10/18/2023 03:31 PM |                                    |
| 6060 | OsmoMGW                         | Bug     | New    | Low      | osmo-mgw: Implement MGCP RestartInProgress (RSIP)                               | jolly     | 10/18/2023 04:59 PM |                                    |
| 6051 | OsmoHNBGW                       | Feature | New    | Low      | misnomer in internal SCCP functions   | neels     | 07/06/2023 08:26 PM |                                    |
| 6021 | libosmocore                     | Bug     | New    | Low      | map file breaks recent lld builds   | Hoernchen | 05/04/2023 05:49 AM |                                    |
| 5995 | OsmoBTS                         | Bug     | New    | Low      | osmo-bts printing log line 'OC=GPRS-NSE(f0) INST=(00,ff,ff): Tx unknown 0xf6'   |           | 10/18/2023 05:47 PM |                                    |
| 5976 | pySim                           | Feature | New    | Low      | pySim-prog: do not program linked files multiple times                          | dexter    | 03/27/2023 04:05 PM |                                    |
| 5957 | OsmoBTS                         | Bug     | New    | Low      | not all osmo-bts variants respond to abisip-find                                | jolly     | 03/22/2023 09:20 AM |                                    |
| 5947 | Retrocomputing                  | Feature | New    | Low      | Assemble PC104-SVGA   | laforge   | 03/15/2023 09:29 AM |                                    |
| 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 |                                    |
| 5932 | Retrocomputing                  | Feature | New    | Low      | assemble ISA-USB  | laforge   | 03/02/2023 09:25 PM |                                    |
| 5930 | OsmoPCU                         | Feature | New    | Low      | handle multiple BTSs with one PCU   |           | 03/03/2023 10:47 AM |                                    |

| #    | Project                               | Tracker | Status | Priority | Subject  | Assignee | Updated             | Related issues                     |
|------|---------------------------------------|---------|--------|----------|--|----------|---------------------|------------------------------------|
| 5919 | Core testing infrastructure           | Bug     | New    | Low      | osmo-python-tests: Update/fix README or setup process  | osmith   | 03/20/2023 10:17 AM |                                    |
| 5915 | libosmocore                           | Bug     | New    | Low      | gprs: ns2: convert timers into osmo-timers   | jolly    | 12/17/2023 12:59 PM | Related to #5915                   |
| 5908 | Cellular Network Infrastructure       | Feature | New    | Low      | Cleanup license information throughout the projects  |          | 02/16/2023 11:02 AM |                                    |
| 5899 | libosmo-sccp + libosmo-sigtran        | Bug     | New    | Low      | ttcn3-sccp-test-latest is actually running code from master, not latest                                | osmith   | 03/20/2023 01:18 PM |                                    |
| 5895 | OsmoBTS                               | Bug     | New    | Low      | LC15: Audio Quality Problem sometime after cf7a7fceb625a14fd764355c3b96fa86c77458c                     |          | 03/20/2023 11:37 PM |                                    |
| 5887 | Cellular Network Infrastructure       | Bug     | New    | Low      | coverity: build everything in docker container and add CI  | osmith   | 02/01/2023 10:25 AM |                                    |
| 5885 | OCTOI - Osmocom Community TDM over IP | Feature | New    | Low      | set up a second GPS03 + icE1usb setup  | laforge  | 01/31/2023 08:05 PM | Related to #5885                   |
| 5865 | OsmoHLR                               | Feature | New    | Low      | Automate selection of LU Reject Cause  |          | 02/16/2023 10:36 AM |                                    |
| 5833 | OsmoPCU                               | Feature | New    | Low      | A "meas-feed" for osmo-pcu   | keith    | 12/18/2022 06:42 PM |                                    |
| 5829 | libosmocore                           | Feature | New    | Low      | log fallback for log_check_level(), log_parse_category()   |          | 12/13/2022 10:44 PM |                                    |
| 5819 | Cellular Network Infrastructure       | Bug     | New    | Low      | Gerrit/gitiles: Parent links don't work  |          | 12/08/2022 01:28 PM |                                    |
| 5816 | OsmoHNBGW                             | Feature | New    | Low      | Picocells available in R.U   |          | 03/09/2024 07:09 PM |                                    |
| 5815 | OsmocomBB                             | Feature | New    | Low      | mobile: compose Bearer Capability IE depending on PHY capabilities and GAPK codec support              |          | 12/06/2022 07:38 PM | Related to #5815, Related to #5815 |
| 5813 | OsmoHNBGW                             | Feature | New    | Low      | Alcatel-Lucent femtocells available in Europe  |          | 03/09/2024 07:09 PM |                                    |
| 5812 | OsmocomBB                             | Feature | New    | Low      | mobile: missing AMR support  |          | 12/06/2022 03:07 PM | Related to #5812                   |
| 5766 | libosmo-abis                          | Feature | New    | Low      | use Linux kernel KCM for IPA header?   |          | 11/13/2022 08:15 AM | Related to #5766                   |
| 5746 | Retronetworking                       | Feature | New    | Low      | Create H.221 decoder   |          | 11/07/2022 10:55 PM |                                    |
| 5744 | OsmoBSC                               | Bug     | New    | Low      | sysmobts: when a BTS is rf_locked and doesn't support BTS_FEAT_MULTI_TSC the OML connection is dropped | lynxis   | 11/23/2022 11:14 PM |                                    |
| 5740 | OsmoBSC                               | Feature | New    | Low      | Disallow unworkable AMR modes.   | keith    | 11/08/2022 05:15 PM |                                    |
| 5730 | OsmoMGW                               | Feature | New    | Low      | Fax over GSM support   | manawym  | 10/16/2023 08:53 PM | Precedes #5730                     |
| 5722 | Cellular Network Infrastructure       | Feature | New    | Low      | Migrate jenkins build slaves from docker to podman   |          | 10/21/2022 08:29 PM | Related to #5722                   |
| 5692 | Cellular Network Infrastructure       | Feature | New    | Low      | switch to C99 standard flexible arrays instad of gcc-specific zero-length arrays                       |          | 09/29/2022 05:59 AM |                                    |
| 5682 | OsmoUPF                               | Feature | New    | Low      | cfg: separate PFCP Node ID from PFCP local address   |          | 09/17/2022 02:21 PM | Related to #5682                   |
| 5628 | osmo-remsim                           | Bug     | New    | Low      | client-st2: error mesasges when mapping is removed   |          | 07/24/2022 07:14 AM |                                    |

| #    | Project                               | Tracker | Status | Priority | Subject  | Assignee | Updated             | Related issues   |
|------|---------------------------------------|---------|--------|----------|--|----------|---------------------|------------------|
| 5585 | OsmoCBC                               | Bug     | New    | Low      | CBC should not send WRITE-REPLACE to cells that had sent FAILURE   |          | 08/05/2022 04:58 PM |                  |
| 5561 | libosmo-sccp + libosmo-sigtran        | Bug     | New    | Low      | pc=0=0.0.0 / RCOC-ERROR.ind not permitted  |          | 05/23/2023 06:20 AM |                  |
| 5547 | OsmoBSC                               | Feature | New    | Low      | upon emergency call, from the MSC-pool pick an MSC that allows emergency calling                         |          | 04/25/2022 05:49 AM |                  |
| 5545 | Retronetworking                       | Feature | New    | Low      | E1 support for dynamips  |          | 04/24/2022 09:56 AM |                  |
| 5526 | OCTOI - Osmocom Community TDM over IP | Feature | New    | Low      | ability to generate GSMTAP traces from osmo-e1d  |          | 07/29/2023 07:23 AM |                  |
| 5521 | osmo-e1d                              | Bug     | New    | Low      | don't attempt OCTOI connection of no TDM data from driver (icE1usb)                                      |          | 04/10/2022 05:28 PM |                  |
| 5520 | osmo-e1d                              | Feature | New    | Low      | exponential back-off on octoi client reconnect attempts  |          | 07/29/2023 07:30 AM |                  |
| 5519 | OCTOI - Osmocom Community TDM over IP | Feature | New    | Low      | reimplement overlapped.php based on yate python module   |          | 12/03/2023 10:47 AM |                  |
| 5512 | Retronetworking                       | Bug     | New    | Low      | Idea: L1OIP driver for DAHDI   |          | 04/03/2022 11:46 AM |                  |
| 5511 | Retronetworking                       | Feature | New    | Low      | Idea: DAHDI backend for mISDN  |          | 09/18/2022 03:59 PM |                  |
| 5499 | osmo-e1d                              | Bug     | New    | Low      | octoi client binds to specific IP even if 0.0.0.0 is specified   |          | 05/23/2023 07:10 AM |                  |
| 5491 | OsmoMSC                               | Bug     | New    | Low      | MT CSFB calls fail (only) first time after Airplane mode toggle (probably on first attach to EUTRAN too) | keith    | 03/19/2022 09:37 PM |                  |
| 5489 | linmodem                              | Feature | New    | Low      | linmodem mISDN integration   |          | 03/13/2022 09:35 PM |                  |
| 5487 | OsmoSGSN                              | Feature | New    | Low      | get rid of osmo-juh.git's iu_client API and absorb into OsmoSGSN   |          | 03/10/2022 06:05 PM |                  |
| 5449 | OsmoGGSN (former OpenGGSN)            | Bug     | New    | Low      | osmo-ggsn: Accept IPv4v6 EUA pdp creation in APv4/v6-only APNs by answering with changed PDP Type        |          | 04/04/2023 09:46 AM |                  |
| 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 |                  |
| 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 |
| 5435 | OCTOI - Osmocom Community TDM over IP | Feature | New    | Low      | use DNS to resolve the server  |          | 04/05/2022 08:20 PM |                  |

| #    | Project                                      | Tracker | Status | Priority | Subject   | Assignee  | Updated             | Related issues                     |
|------|--|---------|--------|----------|---|-----------|---------------------|------------------------------------|
| 5427 | OCTOI - Osmocom Community TDM over IP        | Feature | New    | Low      | STUN/TURN/ICE for peer-to-peer connections                                      |           | 01/30/2022 10:43 AM |                                    |
| 5423 | SIMtrace 2                                   | Bug     | New    | Low      | "trace" firmware continuous test setup  |           | 01/27/2022 12:24 PM |                                    |
| 5389 | OsmocomDECT                                  | Bug     | New    | Low      | Namespace clashes between kernel and userspace                                  |           | 01/09/2022 12:30 PM |                                    |
| 5388 | OsmocomDECT                                  | Bug     | New    | Low      | {MM-INFO-SUGGEST} message not sent with ext bit set to 0                        |           | 01/09/2022 12:28 PM |                                    |
| 5386 | osmo-e1d                                     | Bug     | New    | Low      | stop watchdog when LOS is present   | laforge   | 01/05/2022 08:38 PM |                                    |
| 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                   |
| 5381 | E1/T1 Hardware Interface (including icE1usb) | Bug     | New    | Low      | icE1usb DAHDI driver: generate YELLOW alarm towards peer                        | laforge   | 01/02/2022 12:16 PM | Related to #5381, Related to #5381 |
| 5372 | osmo-lab-rack                                | Feature | New    | Low      | AC power supply   |           | 12/23/2021 06:33 PM |                                    |
| 5371 | osmo-lab-rack                                | Feature | New    | Low      | component carrier USB-UART  |           | 12/23/2021 06:31 PM |                                    |
| 5370 | osmo-lab-rack                                | Feature | New    | Low      | component carrier USB hub   |           | 12/23/2021 06:30 PM |                                    |
| 5346 | libosmocore                                  | Bug     | New    | Low      | osmo-release.sh doesn't work with %{sover} macro in spec.in                     | pespin    | 12/09/2021 12:03 PM |                                    |
| 5321 | osmo-remsim                                  | Feature | New    | Low      | support SAP of u-blox AT+USAPMODE   |           | 11/22/2021 10:37 AM |                                    |
| 5320 | osmo-remsim                                  | Feature | New    | Low      | support SAP of Telit AT#RSEN  |           | 11/22/2021 10:38 AM |                                    |
| 5304 | OsmoHNBGW                                    | Bug     | New    | Low      | Verizon CDMA femtocell  |           | 03/09/2024 07:09 PM |                                    |
| 5246 | OsmoBSC                                      | Bug     | New    | Low      | sigsegv in bts_count_free_ts()  | keith     | 10/03/2021 08:08 PM | Related to #5324                   |
| 5235 | pySim  | Feature | New    | Low      | import / export as eUICC profile package ASN.1                                  |           | 06/09/2023 04:55 PM |                                    |
| 5229 | libosmocore                                  | Bug     | New    | Low      | SNS Size with max_nsvcs = 1 results in a valid config even 2 binds a configured | lynxis    | 09/05/2021 08:18 PM |                                    |
| 5228 | OsmoTRX                                      | Feature | New    | Low      | osmo-trx: Missing unit tests for computeCI() and computeEdgeCI()                | Hoernchen | 11/07/2022 06:23 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 |                                    |
| 5190 | OsmoBSC                                      | Bug     | New    | Low      | segfault with osmo-e1d  |           | 09/15/2021 09:34 AM |                                    |
| 5183 | OsmoHLR                                      | Feature | New    | Low      | EIR functionality   |           | 06/16/2021 06:22 AM | Related to #5183                   |
| 5167 | Osmocom Analog                               | Feature | New    | Low      | LimeNet Micro   |           | 04/02/2023 08:57 AM |                                    |
| 5156 | OsmoBSC                                      | Feature | New    | Low      | Support intraBSC handover between distinct BTS types                            |           | 11/04/2021 06:27 PM |                                    |
| 5149 | OsmoPCU                                      | Bug     | New    | Low      | osmo-pcu fails to allocate all DL-TBF possible slots under specific scenario    | pespin    | 09/15/2021 09:49 AM |                                    |
| 5143 | Osmocom Analog                               | Feature | New    | Low      | Using ADALM PLUTO SDR with osmocom-analog                                       | jolly     | 05/05/2021 05:01 PM |                                    |

| #    | Project                         | Tracker | Status | Priority | Subject   | Assignee | Updated             | Related issues                    |
|------|---------------------------------|---------|--------|----------|---|----------|---------------------|-----------------------------------|
| 5128 | Core testing infrastructure     | Feature | New    | Low      | dec_RlcmacDlCtrlBlock: Get rid of annoying warning about remaining padding                                    |          | 12/09/2021 09:14 PM |                                   |
| 5044 | OsmoMGW                         | Bug     | New    | Low      | potential null pointer dereferences   | pespin   | 02/24/2021 11:48 AM |                                   |
| 5035 | libosmocore                     | Bug     | New    | Low      | ns2: add a vty to drop a sns connection   |          | 03/29/2021 09:16 PM |                                   |
| 5016 | libosmocore                     | Bug     | New    | Low      | ns2: what happens when a dynamic NSE is present, but the user tries to configure it via vty                   | lynxis   | 03/29/2021 09:17 PM |                                   |
| 5015 | libosmocore                     | Bug     | New    | Low      | ns2: add consistency check for ns configuration as callback   |          | 03/29/2021 09:17 PM |                                   |
| 5013 | Cellular Network Infrastructure | Feature | New    | Low      | investigate "vtysh" for Osmocom   |          | 02/06/2021 02:14 PM | Related to #5013                  |
| 5012 | osmo-uecups                     | Feature | New    | Low      | use osmo-uecups from GGSN_Tests.ttcn  | pespin   | 02/06/2021 10:02 AM | Related to #5012                  |
| 4993 | libosmocore                     | Bug     | New    | Low      | gsm_septets2octets: warning: use of NULL 'rdata' where non-null expected [CWE-690] [-Wanalyzer-null-argument] | fixeria  | 01/29/2021 08:49 PM |                                   |
| 4990 | OsmoBSC                         | Feature | New    | Low      | TTCN3 test for AMR MultiRate IEs in RR and RSL  |          | 07/02/2021 04:34 PM |                                   |
| 4989 | OsmoBTS                         | Feature | New    | Low      | AMR RATSCCH support   |          | 01/28/2021 01:41 PM |                                   |
| 4988 | OsmoBTS                         | Feature | New    | Low      | No TTCN3 test for AMR TFO / DL CMR handling   |          | 01/28/2021 01:38 PM |                                   |
| 4987 | OsmoBTS                         | Feature | New    | Low      | No TTCN3 test for AMR DTX FSMs  |          | 01/28/2021 01:37 PM | Related to #5474                  |
| 4986 | OsmoBTS                         | Feature | New    | Low      | No TTCN3 tests of AMR rate/link adaptation  |          | 01/28/2021 01:36 PM |                                   |
| 4983 | OsmoMSC                         | Feature | New    | Low      | PERFORM LOCATION REQUEST / RESPONSE   |          | 01/28/2021 11:44 AM |                                   |
| 4982 | OsmoMSC                         | Feature | New    | Low      | Support for BSSMAP RESOURCE INDICATION  |          | 01/27/2021 03:01 PM | Related to #4982                  |
| 4981 | OsmoBSC                         | Feature | New    | Low      | Support for generating BSSMAP RESOURCE INDICATION   |          | 01/27/2021 03:02 PM | Related to #4982                  |
| 4980 | OsmoMSC                         | Feature | New    | Low      | Implement routing of BSSMAP LOAD INDICATION in OsmoMSC  |          | 01/27/2021 02:43 PM | Related to #4980,Related to #4980 |
| 4979 | OsmoBSC                         | Feature | New    | Low      | Support for parsing incoming BSSMAP LOAD INDICATION   |          | 01/27/2021 02:41 PM | Related to #4979,Related to #4980 |
| 4978 | OsmoBSC                         | Feature | New    | Low      | Support for generating BSSMAP LOAD INDICATION   |          | 01/27/2021 02:40 PM | Related to #4979,Related to #4980 |
| 4971 | Osmocom Analog                  | Feature | New    | Low      | OsmoCC Socket Documentation   | jolly    | 10/18/2023 02:49 PM |                                   |
| 4944 | OsmoCBC                         | Feature | New    | Low      | 3G SABP support in OsmoCBC  | laforge  | 01/13/2021 09:13 AM | Related to #4944,Related to #4944 |
| 4933 | OsmoHNBGW                       | Bug     | New    | Low      | Femtocell choice in U.K 2021/01   |          | 03/09/2024 07:09 PM |                                   |
| 4915 | osmo-e1d                        | Feature | New    | Low      | consider a one-thread-per-line architecture   |          | 07/29/2023 07:31 AM |                                   |



| #    | Project                                      | Tracker | Status | Priority | Subject  | Assignee | Updated             | Related issues   |
|------|--|---------|--------|----------|--|----------|---------------------|------------------|
| 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 |
| 4900 | OsmoGSMTester                                | Feature | New    | Low      | hardware and wiring verification / selftest  |          | 12/08/2020 11:03 AM |                  |
| 4893 | osmo-gbproxy                                 | Feature | New    | Low      | gbproxy2: Make feature bitmap configurable   |          | 12/08/2020 07:55 AM | Related to #4893 |
| 4882 | OsmoHNBGW                                    | Feature | New    | Low      | HSPA+ Picocell available in U.S  |          | 03/09/2024 07:08 PM |                  |
| 4863 | OsmoMSC                                      | Bug     | New    | Low      | T3212 is unclear in config/vty   |          | 11/19/2020 06:10 PM |                  |
| 4860 | libosmo-abis                                 | Feature | New    | Low      | Implement separation of line/TEI/datalinks in E1 pcap  |          | 11/04/2021 06:31 PM |                  |
| 4840 | Core testing infrastructure                  | Feature | New    | Low      | migrate osmo-gsm-tester docker images to registry.osmocom.org  | pespin   | 11/02/2020 05:13 PM | Related to #4840 |
| 4814 | osmo-clock-gen                               | Bug     | New    | Low      | alignment of DC barrel with face plate   | mschramm | 10/16/2020 05:30 PM | Related to #4814 |
| 4813 | OsmoPCU                                      | Feature | New    | Low      | FANR (Fast ACK/NACK Reporting) support   |          | 10/16/2020 08:46 AM |                  |
| 4812 | OsmoPCU                                      | Feature | New    | Low      | RTTI (Reduced Transmission Time Interval) Support  |          | 10/16/2020 08:43 AM |                  |
| 4809 | osmo-clock-conv                              | Feature | New    | Low      | alignment of DC barrel with face plate   | laforge  | 10/16/2020 05:29 PM | Related to #4814 |
| 4808 | OsmoGSMTester                                | Feature | New    | Low      | osmo-gsm-tester: Add test setup to verify baseband frequency hopping   | pespin   | 03/31/2023 03:25 PM |                  |
| 4806 | osmo-ccid-firmware                           | Feature | New    | Low      | Add support of T=1?  |          | 10/15/2020 03:40 PM |                  |
| 4790 | OsmoHNBGW                                    | Feature | New    | Low      | Vodafone HSPA+ femtocell available in Deutschland  |          | 03/09/2024 07:08 PM |                  |
| 4783 | libosmocore                                  | Bug     | New    | Low      | doxygen: duplicate 'ports.h' warning   |          | 10/07/2020 01:29 PM |                  |
| 4762 | osmo-sip-connector                           | Feature | New    | Low      | Osmo Analog Support  |          | 09/25/2020 07:31 AM | Related to #4763 |
| 4745 | OsmoMGW                                      | Bug     | New    | Low      | osmo-mgw: Wrong IP address returned in SDP "o=" section  |          | 10/05/2022 11:00 AM |                  |
| 4737 | Distributed GSM                              | Support | New    | Low      | How to configure Queries gsup.hlr.123456789.imsi, sip.voice.123.msisdn, smpp.sms.123.msisdn  |          | 08/31/2020 11:10 AM |                  |
| 4691 | OsmoMSC                                      | Bug     | New    | Low      | setfault in osmo_sockaddr_str_is_set() via call_leg_ensure_ci()  |          | 02/06/2021 09:47 AM |                  |
| 4682 | OsmoBSC                                      | Feature | New    | Low      | OM2000 MCTR Support for Ericsson RBS6000 / DUG 20  |          | 07/30/2020 06:51 AM | Precedes #4682   |
| 4678 | osmo-clock-gen                               | Feature | New    | Low      | Increase mounting hole size to support M3 screws   | mschramm | 07/25/2020 08:43 PM |                  |
| 4649 | OsmoBSC                                      | Bug     | New    | Low      | OM2K SI5ter: abis_rsl.c:1237 (bts=0,tx=0) ERROR REPORT (cause=Service or Option not available [ 3f ])                                    | laforge  | 07/04/2020 07:13 PM |                  |
| 4647 | OsmoBSC                                      | Bug     | New    | Low      | Getting attributes from BTS0 type nokia_site is not supported.   |          | 07/04/2020 09:05 AM |                  |
| 4642 | OsmoNITB                                     | Bug     | New    | Low      | Attempting to set illegal id for FSM instance of type 'OM2000-MO'  |          | 07/03/2020 06:40 PM |                  |
| 4640 | OsmoBSC                                      | Feature | New    | Low      | SI2quater: support multiple EUTRAN Neighbor Cells List entries, not only multiple EUTRAN Cell Descriptions in the first Cells List entry |          | 07/06/2020 03:03 PM |                  |

| #    | Project                         | Tracker | Status | Priority | Subject  | Assignee | Updated             | Related issues   |
|------|---------------------------------|---------|--------|----------|--|----------|---------------------|------------------|
| 4634 | OsmoMSC                         | Feature | New    | Low      | lu: record SAC, and show RNC ID and SAC in the vty upon 'show subscriber'  |          | 06/24/2020 06:08 PM |                  |
| 4631 | OsmoSGSN                        | Bug     | New    | Low      | packet/byte counters don't work for 3G   |          | 06/24/2020 06:58 AM |                  |
| 4630 | OsmoBTS                         | Bug     | New    | Low      | osmo-bts: GSMTAP DL (tx) messages use hardcoded signal level 0   |          | 10/05/2022 09:11 AM |                  |
| 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 |                  |
| 4588 | OsmoHLR                         | Feature | New    | Low      | OsmoHLR doesn't appear to have any statistics / counters   |          | 06/06/2020 09:44 AM |                  |
| 4587 | Cellular Network Infrastructure | Feature | New    | Low      | Add port numbers to /etc/services during installation  |          | 06/08/2020 10:28 AM | Related to #5013 |
| 4574 | OsmoHNBGW                       | Feature | New    | Low      | Femtocell choice in 2020/06  |          | 03/09/2024 07:09 PM |                  |
| 4504 | OsmoTRX                         | Feature | New    | Low      | Buidl LimeSuite without GUI in osmocom feeds   |          | 09/30/2020 08:08 PM |                  |
| 4502 | OsmoGSMTester                   | Feature | New    | Low      | osmo-gsm-tester: support gpio controlled step attenuators of the LTHW main unit  | pespin   | 03/31/2023 03:28 PM |                  |
| 4496 | osmo-uecps                      | Feature | New    | Low      | implement filters for sharing as single tun device between multiple bearers  | laforge  | 04/17/2020 08:31 AM |                  |
| 4491 | OsmoHLR                         | Bug     | New    | Low      | Cancel in old VLR/SGSN, if new VLR/SGSN differs from old   |          | 04/15/2020 12:29 PM |                  |
| 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 |                  |
| 4473 | OsmoBTS                         | Feature | New    | Low      | Support for broadcast of MOCN related SI21/22/23   |          | 03/29/2020 07:39 PM | Related to #4473 |
| 4458 | Core testing infrastructure     | Feature | New    | Low      | Set up a STF (Smartphone Testing Farm)   |          | 03/18/2020 02:44 PM |                  |
| 4446 | OsmoBTS                         | Bug     | New    | Low      | osmo-bts doesn't actually ever connect() its RTP/UDP sockets   | pespin   | 02/13/2021 05:37 PM | Related to #4446 |
| 4406 | OsmoGSMTester                   | Feature | New    | Low      | osmo-gsm-tester: Support setting auth_algo milenage or similar on osmocom software and filling HLR parameters like OPC | pespin   | 03/31/2023 03:26 PM | Related to #4407 |
| 4363 | Distributed GSM                 | Feature | New    | Low      | mslookup_client_mdns_test: add stubs, so it works without multicast  |          | 04/28/2020 02:55 PM | Related to #4363 |
| 4356 | libosmo-sccp + libosmo-sigtran  | Feature | New    | Low      | execute sccp_demo_user server+client against each other in some test suite   | pespin   | 01/10/2020 12:23 PM | Related to #4356 |
| 4354 | OsmocomBB                       | Bug     | New    | Low      | update wiki about GTM-900B compatibility   | laforge  | 09/30/2020 11:38 PM |                  |
| 4317 | osmo-pcap                       | Bug     | New    | Low      | external tests not enabled in jenkins.sh   |          | 12/10/2019 02:42 PM |                  |
| 4304 | libosmocore                     | Bug     | New    | Low      | missing unit tests for many gsm48_{encode,decode} functions  |          | 12/04/2019 01:50 PM |                  |
| 4303 | OsmoHLR                         | Bug     | New    | Low      | various minor issues about evaluation of rc = db_subscr_get_by_*( )  |          | 12/03/2019 11:02 PM |                  |