

## Issues

| #    | Project                               | Tracker | Status  | Priority | Subject                                                                          | Assignee | Updated             | Related issues                                 |
|------|---------------------------------------|---------|---------|----------|----------------------------------------------------------------------------------|----------|---------------------|------------------------------------------------|
| 6411 | Cellular Network Infrastructure       | Bug     | Stalled | Normal   | ttcn3: execute testsuites with a more realistic link performance                 |          | 04/03/2024 06:25 PM |                                                |
| 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 |                                                |
| 6317 | pySim                                 | Bug     | Stalled | Normal   | data driven tests for TLV decoders                                               | laforge  | 02/15/2024 09:21 PM |                                                |
| 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 |                                                |
| 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 |                                                |
| 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 |                                                |

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|------|---------------------------------------|---------|---------|----------|---------------------------------------------------------------------------|----------|---------------------|------------------------------------------------------------------------|
| 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 |                                                                        |
| 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                   |
| 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                                                       |
| 5527 | osmo-remsim                           | Bug     | Stalled | High     | warn on duplicate client (id) connections                                 | laforge  | 07/13/2022 01:25 PM | Related to #5527                                                       |
| 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 |                                                                        |
| 5419 | SIMtrace 2                            | Bug     | Stalled | High     | cardem errors with higher baud rate                                       | laforge  | 11/07/2022 06:22 PM |                                                                        |
| 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                                                       |
| 5308 | OsmoBSC                               | Bug     | Stalled | Normal   | confusion around mgw e1 line vs trunk dichotomy                           | dexter   | 12/13/2021 03:52 PM |                                                                        |
| 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 |                                                                        |
| 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                                                       |
| 4947 | OsmoPCU                               | Bug     | Stalled | Normal   | osmo-pcu: Handling for Pkt Resource Req using Global TFI not implemented  | pespin   | 12/22/2022 01:04 PM |                                                                        |

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| 4941 | OsmoBTS                     | Feature | Stalled | Normal   | VAMOS support in OsmoBTS                                                        | fixeria  | 03/18/2022 01:19 AM | Related to #4941,Related to #4941,Blocks #4941     |
| 4940 | OsmoBSC                     | Feature | Stalled | High     | VAMOS support in OsmoBSC                                                        | neels    | 08/11/2021 02:47 PM | Related to #4941                                   |
| 4917 | osmo-e1d                    | Feature | Stalled | Normal   | reporting of alarms/errors known to the icE1usb                                 | laforge  | 04/10/2022 10:36 AM |                                                    |
| 4916 | osmo-e1d                    | Bug     | Stalled | High     | USB unplug / replugin renders e1d unusable                                      | laforge  | 12/04/2023 12:34 PM | Related to #5983                                   |
| 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                                   |
| 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 |                                                    |
| 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 |                                                    |
| 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 |
| 4829 | OsmocomBB                   | Bug     | Stalled | High     | OsmocomBB Rx bit errors in dedicated mode                                       | laforge  | 02/06/2021 09:11 AM | Related to #4832                                   |
| 4822 | osmo-ccid-firmware          | Bug     | Stalled | Low      | sysmoOCTSIM with osmo-ccid-firmware sometimes fails to enumerate on USB         |          | 11/05/2021 05:19 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                  |
| 4771 | OsmoBTS                     | Bug     | Stalled | High     | Don't log NOTICE messages on missing uplink bursts                              | fixeria  | 11/16/2021 03:05 PM |                                                    |
| 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 |                                                    |
| 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                  |
| 4614 | OsmoBSC                     | Bug     | Stalled | Low      | "bogus channel load sample" when using BS-11, Nokia or Ericsson BTS             | laforge  | 02/13/2021 05:34 PM |                                                    |

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| 4592 | OsmoBTS                         | Bug     | Stalled | Low      | osmo-bts-trx: make sure that handover detection works                                               | fixeria   | 06/21/2020 03:10 PM | Related to #4592                                   |
| 4576 | Core testing infrastructure     | Bug     | Stalled | High     | ttn3-hlr-tests need to route multicast traffic between ttn3-hlr-test and osmo-hlr-master containers | neels     | 10/28/2020 09:48 PM |                                                    |
| 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 |                                                    |
| 4522 | osmo-gbproxy                    | Feature | Stalled | High     | gbproxy: Redundancy within proxy pair                                                               | daniel    | 07/09/2021 06:43 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 |                                                    |
| 4409 | osmo-remsim                     | Bug     | Stalled | Low      | osmo-remsim-client-st2 (or firmware?) gets stuck on PTS                                             | Hoernchen | 02/06/2021 08:55 AM |                                                    |
| 4404 | IMSI Pseudonymization           | Feature | Stalled | Normal   | Research: Make sure that we can silently detach the IMSI                                            |           | 04/15/2020 10:06 AM | Related to #4404,Related to #4480                  |
| 4384 | pySim                           | Feature | Stalled | Normal   | Jenkins program-read verification on daily (or weekly) basis                                        | dexter    | 03/27/2023 04:13 PM | Related to #4384                                   |
| 4383 | pySim                           | Bug     | Stalled | High     | Jenkins build verification is non-deterministic                                                     | dexter    | 04/06/2021 04:58 PM | Related to #4384,Related to #5127                  |
| 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                  |
| 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                                     |
| 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                                   |
| 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                  |

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|------|---------------------------------|---------|---------|----------|----------------------------------------------------------------------------------------|-----------|---------------------|------------------------------------------------------------------------------------------------------------------------|
| 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 #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                                                                                                       |
| 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 |                                                                                                                        |
| 3863 | OsmoBTS                         | Support | Stalled | Normal   | setup testing of osmo-bts-oc2g on real hardware with ttcn3 and osmocon/osmocom-bb      |           | 12/01/2019 10:52 AM |                                                                                                                        |
| 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 |                                                                                                                        |
| 3717 | OsmoHLR                         | Bug     | Stalled | High     | SS/USSD: fix SS session inactivity timeout                                             | fixeria   | 12/05/2018 08:45 PM |                                                                                                                        |
| 3699 | Cellular Network Infrastructure | Feature | Stalled | Low      | merge Debian patches                                                                   | Hoernchen | 01/08/2020 10:24 PM | Related to #3699,Related to #3753                                                                                      |
| 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 #3659,Related to #3783 |
| 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 |                                                                                                                        |
| 3568 | OsmoBTS                         | Bug     | Stalled | High     | CBCH on SDCCH/8 not working for osmo-bts-sysmo                                         | laforge   | 01/14/2019 03:29 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 |                                                                                                                        |

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| 3560 | OsmoGSMTester     | Bug     | Stalled | Normal   | nanoBTS multiTRX tests in osmo-gsm-tester Prod setup failing                      | pespin    | 09/04/2019 09:16 AM | Related to #3560,Related to #3560,Related to #3628,Is duplicate of #3475 |
| 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 |                                                                          |
| 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                                                         |
| 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                                            |
| 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      |
| 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 |                                                                          |
| 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                                        |

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| 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                                                       |
| 2979 | OsmoBTS                         | Bug     | Stalled | Low      | osmo-bts-virtual reports bogus measurement values                                                    | laforge  | 07/18/2019 06:06 AM |                                                                                                                              |
| 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                                                                                           |
| 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                                                               |
| 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 |                                                                                                                              |
| 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                                                                                                             |
| 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                                         |
| 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                                                                             |
| 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                                                                         |

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|------|------------------------|---------|---------|----------|----------------------------------------------------------------------------------------------------------------|----------|---------------------|--------------------------------------------------------------------------------------------------------------------|
| 2542 | OsmoHLR                | Feature | Stalled | Low      | have subscriber create-on-demand                                                                               | osmith   | 03/10/2022 03:40 PM | Related to #2541,Related to #5183                                                                                  |
| 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 |
| 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                                                                 |
| 2197 | OsmoGSMTester          | Feature | Stalled | Normal   | osmo-gsm-tester: use MNCC interface                                                                            |          | 11/30/2017 10:41 AM | Related to #2194,Is duplicate of #2197                                                                             |
| 1912 | SIMtrace 2             | Feature | Stalled | Low      | do proper re-layout of the board                                                                               | mschramm | 10/20/2020 08:39 AM | Related to #4118                                                                                                   |
| 1838 | OsmoPCU                | Bug     | Stalled | Normal   | Nokia E52 doest reply to PUAN message properly                                                                 |          | 10/29/2017 06:47 PM |                                                                                                                    |
| 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                                                                                                   |
| 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                                       |
| 1768 | OsmoSGSN               | Bug     | Stalled | Low      | VTY show llc displays State TLLI Unassigned permanently                                                        |          | 01/08/2020 10:52 PM |                                                                                                                    |
| 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                                                                                  |
| 1725 | OsmoNITB               | Bug     | Stalled | Low      | iPhone6 network selection issue with GSM1900                                                                   |          | 03/05/2018 07:35 PM |                                                                                                                    |



| #    | Project            | Tracker | Status   | Priority | Subject                                                                          | Assignee | Updated             | Related issues                                                                       |
|------|--------------------|---------|----------|----------|----------------------------------------------------------------------------------|----------|---------------------|--------------------------------------------------------------------------------------|
| 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                                                    |
| 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 |                                                                                      |
| 1655 | OsmoSGSN           | Feature | Stalled  | Normal   | KPIs for OsmoSGSN                                                                |          | 01/08/2020 10:49 PM | Related to #1652,Related to #1655,Related to #1655                                   |
| 1627 | OsmocomBB          | Support | Stalled  | Low      | DCS_8BIT and DCS_UCS2 encoding supprot                                           |          | 07/16/2018 06:53 PM |                                                                                      |
| 1614 | OsmoBSC            | Bug     | Stalled  | Normal   | better identification of BTS model / capabilities to BSC                         |          | 05/12/2020 12:11 PM | Related to #1614,Related to #2316,Related to #2317,Related to #3799,Related to #3938 |
| 1597 | OsmoMSC            | Feature | Stalled  | Low      | External interface for USSD                                                      | fixeria  | 11/27/2018 11:08 PM | Related to #1597,Related to #3433                                                    |
| 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 PTCCH                                       | fixeria  | 03/24/2020 09:49 PM | Related to #1545,Related to #4102,Related to #4500,Blocks #1545                      |
| 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 |
| 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                                                    |
| 6440 | libosmocore        | Bug     | Feedback | Normal   | VTY: 'write file' breaks 'show startup-config'                                   |          | 04/22/2024 10:31 AM |                                                                                      |

| #    | Project                                        | Tracker | Status   | Priority | Subject                                                                                    | Assignee  | Updated             | Related issues                    |
|------|------------------------------------------------|---------|----------|----------|--------------------------------------------------------------------------------------------|-----------|---------------------|-----------------------------------|
| 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 |                                   |
| 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 |                                   |
| 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 |                                   |
| 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 |                                   |
| 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 |                                   |
| 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 |
| 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                  |
| 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 |                                   |
| 6089 | pySim                                          | Feature | Feedback | Normal   | log the current file / operation during execeution 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 |                                   |
| 5982 | OsmoBSC                                        | Bug     | Feedback | Low      | conn->fi is NULL in gscon_bssmap_clear()                                                      | neels     | 04/11/2023 02:25 PM |                                   |
| 5953 | OsmoBTS                                        | Bug     | Feedback | Normal   | ttcn3-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   | immediatly 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 |                                   |

| #    | Project                                      | Tracker | Status   | Priority | Subject                                                                        | Assignee | Updated             | Related issues                                                      |
|------|----------------------------------------------|---------|----------|----------|--------------------------------------------------------------------------------|----------|---------------------|---------------------------------------------------------------------|
| 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 |                                                                     |
| 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 |                                                                     |
| 5208 | libosmocore                                  | Bug     | Feedback | Normal   | ns2: add testcase for SNS Size with invalid tlv                                | 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 "-O0" builds                                 | laforge  | 05/11/2023 11:11 AM |                                                                     |
| 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 |
| 4968 | osmo-gbproxy                                 | Bug     | Feedback | Normal   | Multiple TTCN3 tests only expect one SGSN                                      | daniel   | 12/09/2021 09:17 PM | Related to #4968                                                    |
| 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 |                                                                     |
| 4798 | OsmocomBB                                    | Bug     | Feedback | Low      | fake_trx send TRXC responses from wrong source address                         | fixeria  | 04/30/2021 03:37 AM |                                                                     |
| 4797 | libosmocore                                  | Bug     | Feedback | Normal   | vty: the output of 'show ns' command is confusing                              | fixeria  | 10/23/2020 05:35 PM | Related to #4855,Related to #5085                                   |

| #    | Project                         | Tracker | Status   | Priority | Subject                                                                                                                                  | Assignee                      | Updated             | Related issues                                                     |
|------|---------------------------------|---------|----------|----------|------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|---------------------|--------------------------------------------------------------------|
| 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.llme == 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 |                                                                    |
| 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               |
| 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 |
| 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 |                                                                    |
| 3352 | OsmoMGW                         | Feature | Feedback | Low      | osmo-mgw does not allow multiple codecs in LCO                                                                                           | neels                         | 01/08/2020 10:25 PM |                                                                    |

| #    | Project                                        | Tracker | Status      | Priority | Subject                                                                                | Assignee  | Updated             | Related issues                                                                                                         |
|------|------------------------------------------------|---------|-------------|----------|----------------------------------------------------------------------------------------|-----------|---------------------|------------------------------------------------------------------------------------------------------------------------|
| 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                                                                     |
| 2951 | OsmoSGSN                                       | Bug     | Feedback    | Normal   | OsmoSGSN Accepts two MO L3 Messages with N(U) set to zero                              | osmith    | 09/11/2019 12:24 PM |                                                                                                                        |
| 2872 | OsmoMSC                                        | Bug     | Feedback    | Normal   | OsmoMSC doesn't check if CIPHER MODE COMPLETE contains cipher that matches REQUEST     | neels     | 07/29/2019 01:15 PM |                                                                                                                        |
| 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 |                                                                                                                        |
| 2404 | OsmoPCU                                        | Bug     | Feedback    | Low      | PAGING-PS doesn't use QoS parameters from BSSGP                                        | osmith    | 09/10/2019 11:54 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 |                                                                                                                        |
| 1898 | OsmoBTS                                        | Bug     | Feedback    | Low      | Wrong handover detection with I1sap 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                                                                                                       |
| 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 |
| 6435 | osmo-ePDG - VoWifi Evolved Packet Data Gateway | Bug     | In Progress | Normal   | epdg: fix inter-UE traffic                                                             | lynxis    | 04/08/2024 06:55 PM |                                                                                                                        |
| 6424 | OsmoMGW                                        | Bug     | In Progress | High     | TC_one_crcx_loopback_rtp_implicit consistently failing in master, but passes on latest | neels     | 03/27/2024 08:17 PM |                                                                                                                        |

| #    | Project                                                | Tracker | Status      | Priority | Subject                                                                                          | Assignee | Updated             | Related issues                                                  |
|------|--------------------------------------------------------|---------|-------------|----------|--------------------------------------------------------------------------------------------------|----------|---------------------|-----------------------------------------------------------------|
| 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: gsoup: remove single request limitation                                              | lynxis   | 02/20/2024 05:59 PM | Related to #6366                                                |
| 6290 | Osmocom Conferences (OsmoDevCon, OsmoCon, OsmoDevCall) | Feature | In Progress | High     | Organize OsmoDevCon 2024                                                                         | laforge  | 03/06/2024 12:06 PM |                                                                 |
| 6270 | OsmoBTS                                                | Bug     | In Progress | Normal   | osmo-bts sends version report every 5s to BSC?                                                   | dexter   | 02/19/2024 03:06 PM |                                                                 |
| 6263 | libosmocore                                            | Bug     | In Progress | Low      | impossible to detect wrong callbacks being registered / osmo_io_ops union                        | daniel   | 11/21/2023 09:21 AM |                                                                 |
| 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 |                                                                 |
| 6249 | libosmocore                                            | Bug     | In Progress | Low      | logging: ANSI color sequences should be reset after log message                                  | manawym  | 12/04/2023 07:00 AM | Related to #6284                                                |
| 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                                                |
| 6212 | Linux Kernel GTP-U                                     | Bug     | In Progress | Normal   | GTP extension headers                                                                            | pespin   | 10/18/2023 03:03 PM | Related to #6223                                                |
| 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                                                |
| 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                                                |
| 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 I@ 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 |                                                                 |
| 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 |

| #    | Project                                        | Tracker | Status      | Priority | Subject                                                                       | Assignee  | Updated             | Related issues                    |
|------|------------------------------------------------|---------|-------------|----------|-------------------------------------------------------------------------------|-----------|---------------------|-----------------------------------|
| 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 |                                   |
| 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 |                                   |
| 5938 | Retrocomputing                                 | Feature | In Progress | Normal   | assemble "fake parallel printer"                                              | laforge   | 09/13/2023 09:32 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 |                                   |
| 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 |                                   |
| 5921 | SIMtrace 2                                     | Bug     | In Progress | High     | simtrace2 cardem vs. Linux kernel USB autosuspend                             | laforge   | 09/16/2023 10:47 PM | Related to #5921                  |
| 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 |                                   |
| 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 |                                   |
| 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                  |
| 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 |
| 5745 | osmo-lab-rack                                  | Feature | In Progress | Low      | component carrier Ethernet switch                                             | laforge   | 02/03/2023 11:29 AM |                                   |
| 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 |                                   |
| 5516 | OsmoTRX                                        | Feature | In Progress | High     | BladeRF 2.0 Support                                                           | Hoernchen | 02/14/2023 02:59 PM | Is duplicate of #2430             |
| 5488 | Retronetworking                                | Feature | In Progress | Low      | create DAHDI mirror sniffer                                                   | laforge   | 11/07/2022 06:04 PM |                                   |
| 5480 | Open Source IMS Client                         | Feature | In Progress | High     | Linux kernel IPsec plugin for doubango                                        | laforge   | 03/25/2022 10:44 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                  |
| 5463 | Retronetworking                                | Feature | In Progress | Low      | X.21 hardware interface                                                       | vogelchr  | 03/04/2023 02:37 PM |                                   |
| 5422 | SIMtrace 2                                     | Feature | In Progress | Normal   | "cardem" continuous testing setup                                             | laforge   | 01/27/2022 12:22 PM | Related to #5422                  |
| 5349 | OsmoSGSN                                       | Bug     | In Progress | High     | Message for non-existing SNDCP Entity                                         |           | 07/17/2023 04:42 PM |                                   |



| #    | Project         | Tracker | Status      | Priority | Subject                                                                                                                                                                           | Assignee  | Updated             | Related issues                                                      |
|------|-----------------|---------|-------------|----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|---------------------|---------------------------------------------------------------------|
| 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 |                                                                     |
| 4830 | OsmoMSC         | Bug     | In Progress | High     | LU reject when no authentication data in HLR but "authentication optional"                                                                                                        | neels     | 10/10/2022 02:03 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                                                    |
| 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 |
| 4535 | OsmoMGW         | Feature | In Progress | Low      | Develop "E1/Abis generator"                                                                                                                                                       | laforge   | 01/02/2022 01:57 PM | Precedes #2547                                                      |
| 4520 | osmo-gbproxy    | Feature | In Progress | Normal   | gbproxy: Redundancy between NS-VCs (BSS Side)                                                                                                                                     | lynxis    | 02/19/2021 04:50 PM | Related to #4520                                                    |
| 4474 | OsmoBTS         | Bug     | In Progress | Low      | l1fwd (-remote) tried to read eeprom locally                                                                                                                                      |           | 11/04/2021 06:35 PM |                                                                     |
| 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 |                                                                     |

| #    | Project                         | Tracker | Status      | Priority | Subject                                                                                          | Assignee | Updated             | Related issues                                                                                                         |
|------|---------------------------------|---------|-------------|----------|--------------------------------------------------------------------------------------------------|----------|---------------------|------------------------------------------------------------------------------------------------------------------------|
| 4107 | Cellular Network Infrastructure | Feature | In Progress | High     | Start systemd services as non-root user                                                          | osmith   | 04/22/2024 08:42 AM | Related to #4107,Related to #4821,Related to #4107,Related to #5669,Related to #5685,Related to #5687,Related to #5722 |
| 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                                   |
| 3693 | libosmocom                      | 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 |                                                                                                                        |
| 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 |                                                                                                                        |
| 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                                                                                      |
| 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 |                                                                                                                        |
| 1766 | OsmoPCU                         | Bug     | In Progress | High     | KPIs for OsmoPCU: EGPRS                                                                          |          | 01/22/2020 02:06 PM | Related to #1766,Related to #1766                                                                                      |
| 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                                                    |

| #    | Project                                        | Tracker | Status      | Priority | Subject                                                                                                                                          | Assignee | Updated             | Related issues   |
|------|------------------------------------------------|---------|-------------|----------|--------------------------------------------------------------------------------------------------------------------------------------------------|----------|---------------------|------------------|
| 1685 | osmo-sip-connector                             | Feature | In Progress | Normal   | osmo-sip-connector: Review and define log statements and which info to include                                                                   | osmith   | 09/04/2019 09:31 AM |                  |
| 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 |
| 6441 | OsmoSGSN                                       | Bug     | New         | Normal   | use-after-free on RAU with invalid Old RAI                                                                                                       |          | 04/22/2024 01:23 PM | Related to #6441 |
| 6438 | libosmocore                                    | Bug     | New         | Normal   | write_config_file() calls blocking sync()                                                                                                        |          | 04/21/2024 10:26 AM |                  |
| 6436 | OsmoPCU                                        | Bug     | New         | High     | high cpu usage, entire BTS unresponsive after some hours                                                                                         | keith    | 04/13/2024 04:32 PM |                  |
| 6434 | E1/T1 Hardware Interface (including icE1usb)   | Support | New         | Normal   | D-channel do not recover after underrun                                                                                                          |          | 04/07/2024 09:07 AM |                  |
| 6433 | OsmoHNBGW                                      | Bug     | New         | Normal   | DLGLOBAL ERROR counter group 'hnb' already exists for index 0, instead using index 1. This is a software bug that needs fixing. (rate_ctr.c:221) |          | 04/04/2024 11:11 PM |                  |
| 6431 | OsmoHNBGW                                      | Bug     | New         | Normal   | (coverity) uninitialized asn.1 state / overwriting asn.1 state in HNBAP                                                                          | neels    | 04/04/2024 11:08 PM |                  |
| 6427 | OsmoMSC                                        | Bug     | New         | Normal   | ttcn3-msc-test: TC_mo_ussd_for_unknown_trans fails sporadically                                                                                  |          | 04/02/2024 03:01 PM | Related to #6427 |
| 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 |                  |
| 6418 | pySim                                          | Bug     | New         | Normal   | osmo-smdpp docs                                                                                                                                  |          | 03/25/2024 05:54 PM |                  |
| 6417 | E1/T1 Hardware Interface (including icE1usb)   | Feature | New         | Normal   | CRC4 configuration                                                                                                                               |          | 03/22/2024 09:02 PM |                  |
| 6415 | E1/T1 Hardware Interface (including icE1usb)   | Bug     | New         | Low      | osmo_panic after truncated packet                                                                                                                | laforge  | 03/22/2024 06:54 PM |                  |
| 6413 | rtl-sdr                                        | Bug     | New         | Normal   | Incorrect Debian/Debian-like binary packages                                                                                                     | steve-m  | 03/22/2024 05:09 PM |                  |
| 6412 | E1/T1 Hardware Interface (including icE1usb)   | Support | New         | Normal   | No alignment                                                                                                                                     | tnt      | 03/27/2024 01:46 PM |                  |
| 6410 | libosmocore                                    | Bug     | New         | Normal   | osmo_io poll backend doesn't work on file descriptors that are not sockets                                                                       |          | 03/19/2024 07:33 PM |                  |
| 6408 | osmo-ePDG - VoWifi Evolved Packet Data Gateway | Feature | New         | Normal   | osmo-epdg: Support check IMEI                                                                                                                    |          | 03/15/2024 06:45 PM |                  |
| 6407 | osmo-ePDG - VoWifi Evolved Packet Data Gateway | Feature | New         | Normal   | osmo-epdg: Support Emergency services (no IMSI)                                                                                                  |          | 03/15/2024 06:43 PM |                  |

| #    | Project                                                | Tracker | Status | Priority | Subject                                                                                      | Assignee | Updated             | Related issues   |
|------|--------------------------------------------------------|---------|--------|----------|----------------------------------------------------------------------------------------------|----------|---------------------|------------------|
| 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 |                  |
| 6398 | pySim                                                  | Bug     | New    | Normal   | Add helper for SwMatchError                                                                  |          | 03/09/2024 09:34 PM |                  |
| 6395 | OsmoHNBGW                                              | Feature | New    | Low      | PFCP URR support in osmo-hnbgw                                                               |          | 03/22/2024 08:08 AM | Related to #6395 |
| 6393 | libosmocore                                            | Bug     | New    | Normal   | osmo_io conflating osmo_iofd_unregister vs osmo_iofd_close                                   | daniel   | 03/07/2024 09:47 AM |                  |
| 6392 | Osmocom Conferences (OsmoDevCon, OsmoCon, OsmoDevCall) | Feature | New    | Normal   | video recording / c3voc at OsmoDevCon 2024                                                   | laforge  | 03/06/2024 12:08 PM |                  |
| 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 |
| 6388 | libosmocore                                            | Feature | New    | Normal   | stats_reporter via osmo_io / io_uring?                                                       |          | 03/02/2024 04:54 PM | Related to #6388 |
| 6380 | OsmoHNBGW                                              | Bug     | New    | Normal   | VTY transcript tests are broken [again]                                                      |          | 02/28/2024 06:57 PM |                  |
| 6378 | OsmoBSC                                                | Bug     | New    | Low      | Ericsson DUG 20 rejects SI2quater                                                            | keith    | 03/10/2024 06:38 PM | Related to #6378 |
| 6374 | libosmocore                                            | Bug     | New    | Normal   | libosmocore --disable-libsctp not tested by jenkins                                          |          | 02/23/2024 03:47 PM |                  |
| 6372 | OsmocomBB SDR PHY                                      | Bug     | New    | Normal   | Cant connect to BS using cell_log and mobile                                                 |          | 02/22/2024 07:13 AM |                  |
| 6367 | pySim                                                  | Feature | New    | Normal   | PC/SC <-> Android OMAPI bridge for pySim and others                                          |          | 02/17/2024 01:34 PM |                  |
| 6366 | osmo-ePDG - VoWifi Evolved Packet Data Gateway         | Bug     | New    | Normal   | strongswan: test if gsup_client will resend old requests on reconnect                        | lynxis   | 02/18/2024 09:16 PM | Related to #6366 |
| 6365 | osmo-ePDG - VoWifi Evolved Packet Data Gateway         | Bug     | New    | Normal   | strongswan: get the PDP type out of the IKE_AUTH/CFG_REQUEST                                 | lynxis   | 02/23/2024 03:29 AM |                  |
| 6363 | osmo-ePDG - VoWifi Evolved Packet Data Gateway         | Bug     | New    | Normal   | strongswan: Catch IKEv2 disconnects                                                          | lynxis   | 02/17/2024 01:21 AM |                  |
| 6360 | libosmocore                                            | Bug     | New    | Normal   | libosmovty fails to parse commands like "test (foo bar) [(one two three)]"                   |          | 02/14/2024 09:25 PM |                  |
| 6356 | libosmo-sccp + libosmo-sigtran                         | Bug     | New    | Normal   | DLGLOBAL ERROR Trying to dispatch event 17 to non-existent FSM instance! (osmo_ss7_as.c:118) | pespin   | 02/08/2024 10:27 PM |                  |
| 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 |                  |
| 6348 | OsmocomBB                                              | Feature | New    | Normal   | virtphy: add Circuit Switched Data (CSD) support                                             |          | 01/26/2024 10:03 PM | Related to #6348 |

| #    | Project                                        | Tracker | Status | Priority | Subject                                                                                                           | Assignee | Updated             | Related issues                    |
|------|------------------------------------------------|---------|--------|----------|-------------------------------------------------------------------------------------------------------------------|----------|---------------------|-----------------------------------|
| 6347 | OsmocomBB                                      | Feature | New    | Normal   | mobile: support data calls @ 300 bps and 1200/75 bps (TCH/[FH]2.4)                                                |          | 01/26/2024 09:54 PM | Related to #6347                  |
| 6346 | OsmocomBB                                      | Feature | New    | Normal   | mobile: support data calls @ 14400 bps (TCH/F14.4)                                                                |          | 01/26/2024 10:03 PM | Related to #6346,Related to #6346 |
| 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 |                                   |
| 6344 | libosmocore                                    | Feature | New    | Normal   | New TS 24.008 Bearer Capability codec API                                                                         |          | 01/24/2024 11:19 PM | Related to #6344                  |
| 6340 | pySim                                          | Bug     | New    | Low      | exception when using osmo-smdpp with python 3.9                                                                   | laforge  | 02/15/2024 09:29 PM |                                   |
| 6337 | OsmocomBB                                      | Bug     | New    | High     | bad fr audio with gapk/ms-sdr                                                                                     |          | 01/22/2024 09:21 PM | Related to #6337                  |
| 6332 | osmo-ePDG - VoWifi Evolved Packet Data Gateway | Feature | New    | Normal   | osmo-epdg: Write User Manual                                                                                      |          | 01/18/2024 04:15 PM | Related to #6332                  |
| 6330 | OsmoMSC                                        | Bug     | New    | Normal   | Incorrect handling of V.120 data calls                                                                            |          | 01/18/2024 03:02 PM | Related to #6344                  |
| 6329 | rtl-sdr                                        | Bug     | New    | Normal   | rtl_sdr does not have correct rpath set on OSX build                                                              |          | 01/12/2024 09:57 PM |                                   |
| 6328 | OsmoBSC                                        | Bug     | New    | Normal   | Channel Mode Modify fails to modify the RTP payload type number                                                   |          | 01/12/2024 06:24 AM | Related to #6328                  |
| 6327 | Cellular Network Infrastructure                | Feature | New    | Low      | Osmocom-build-tags-against-master job builds very basic configurations                                            | osmith   | 01/11/2024 08:17 PM |                                   |
| 6324 | OsmoBSC                                        | Bug     | New    | Normal   | Making a data call results in BORKEN Ichans                                                                       | osmith   | 01/05/2024 09:04 PM |                                   |
| 6323 | OP25                                           | Bug     | New    | Normal   | Install script is broken on Ubuntu 23.10                                                                          |          | 01/05/2024 07:54 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 |                                   |
| 6319 | Osmo-CC                                        | Feature | New    | Normal   | protocol version should have a defined end marker                                                                 | neels    | 01/10/2024 01:31 PM |                                   |
| 6316 | pySim                                          | Feature | New    | Normal   | include test data in user manual                                                                                  |          | 12/23/2023 03:10 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 |                                   |
| 6312 | OsmoHLR                                        | Bug     | New    | Normal   | Querying HLR for MSISDN-to-IMSI mapping is too cumbersome and inefficient                                         |          | 12/21/2023 06:52 AM | Related to #6312                  |
| 6303 | OsmoPCU                                        | Feature | New    | Low      | Convert pcuif to TLV to make backwards compatibility more feasible                                                |          | 02/15/2024 09:23 PM |                                   |
| 6298 | OsmoGGSN (former OpenGGSN)                     | Feature | New    | Normal   | osmo-ggsn not providing MTU of the GTP tunnel to the MS                                                           |          | 02/15/2024 10:30 PM | Related to #6298                  |
| 6297 | OsmoMGW                                        | Bug     | New    | Normal   | octet-align=0 is the RFC 6871 specified default to use when omitted; but osmo-mgw assumes don't-care when omitted |          | 12/12/2023 02:12 AM | Is duplicate of #5726             |
| 6295 | OsmoSGSN                                       | Bug     | New    | Normal   | TMSI realloc complete leads to SecurityModeReject                                                                 | osmith   | 12/07/2023 03:15 PM |                                   |

| #    | Project                                                | Tracker | Status | Priority | Subject                                                                                                                                 | Assignee | Updated             | Related issues                                   |
|------|--------------------------------------------------------|---------|--------|----------|-----------------------------------------------------------------------------------------------------------------------------------------|----------|---------------------|--------------------------------------------------|
| 6294 | OsmoSGSN                                               | Feature | New    | High     | Support GN/Gp interoperation procedures between SGSN and MME                                                                            | daniel   | 04/22/2024 06:04 PM | Related to #6294, Related to #6439               |
| 6293 | OsmoMGW                                                | Bug     | New    | Normal   | osmo-mgw "decides" for a codec during MGCP handling; instead it should handle all configured payload type numbers as they arrive in RTP |          | 12/07/2023 05:52 AM | Related to #6293, Related to #6293, Blocks #6136 |
| 6291 | Osmocom Conferences (OsmoDevCon, OsmoCon, OsmoDevCall) | Bug     | New    | Normal   | 2024 event bringing together FOSS projects related to mobile communications                                                             | laforge  | 12/13/2023 08:54 PM |                                                  |
| 6285 | OsmoHNBGW                                              | Feature | New    | Low      | IUFP needs not CRCX in loopback mode                                                                                                    |          | 12/04/2023 03:58 AM |                                                  |
| 6283 | OsmoHNBGW                                              | Bug     | New    | Normal   | cnpool: hnbgw fails to extract Mobile Identity from some GMM Attach Request messages                                                    |          | 12/04/2023 01:48 AM |                                                  |
| 6282 | OCTOI - Osmocom Community TDM over IP                  | Bug     | New    | Normal   | high BERT from laforge->divf->manawym                                                                                                   | manawym  | 12/03/2023 04:03 PM | Related to #6282                                 |
| 6281 | OCTOI - Osmocom Community TDM over IP                  | Bug     | New    | Normal   | divf yate: calls to wave playback or loopback never connect                                                                             |          | 12/04/2023 12:14 PM | Related to #6282                                 |
| 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 |                                                  |
| 6265 | pySim                                                  | Feature | New    | Normal   | decode numeric SW in case of errors                                                                                                     | dexter   | 12/11/2023 01:01 PM |                                                  |
| 6255 | OsmoDia2GSUP                                           | Bug     | New    | Normal   | Implement 3GPP Purge UE Request                                                                                                         |          | 11/10/2023 01:29 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 |                                                  |
| 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 |                                                  |
| 6242 | Core testing infrastructure                            | Feature | New    | Normal   | Test eUPF against ttcn3-upf-test setup                                                                                                  |          | 12/18/2023 11:33 AM |                                                  |
| 6241 | libosmo-sccp + libosmo-sigtran                         | Feature | New    | Low      | M3UA "Network Appearance" support                                                                                                       |          | 10/31/2023 03:00 PM | Related to #6241                                 |
| 6239 | libosmo-sccp + libosmo-sigtran                         | Feature | New    | Normal   | finally deprecate libosmo-sccp (headers, static lib)                                                                                    |          | 10/31/2023 07:31 PM |                                                  |

| #    | Project                         | Tracker | Status | Priority | Subject                                                                                                                 | Assignee  | Updated             | Related issues                    |
|------|---------------------------------|---------|--------|----------|-------------------------------------------------------------------------------------------------------------------------|-----------|---------------------|-----------------------------------|
| 6237 | Retronetworking                 | Feature | New    | Low      | Design + Build PCBA for NE555 based fake fan rpm sensor                                                                 | laforge   | 10/30/2023 01:38 AM |                                   |
| 6232 | libosmocore                     | Bug     | New    | Normal   | jenkins should give all libosmocore config options a try                                                                | osmith    | 10/22/2023 04:16 PM |                                   |
| 6231 | OsmoTRX                         | Feature | New    | Normal   | add support / calibration values for AntSDR E200                                                                        | roh       | 10/21/2023 03:25 PM |                                   |
| 6225 | rtl-sdr                         | Bug     | New    | Normal   | rtl-sdr reelase tarballs missing from <a href="https://ftp.osmocom.org/releases/">https://ftp.osmocom.org/releases/</a> | osmith    | 10/19/2023 09:46 AM |                                   |
| 6219 | Retronetworking                 | Feature | New    | Normal   | Publish pics/videos for EWSD rescue/move                                                                                | laforge   | 10/17/2023 02:10 PM |                                   |
| 6218 | Retronetworking                 | Feature | New    | Normal   | write article/report on EWSD rescue for IGHFT / Fernmeldemuseum Dresden                                                 | laforge   | 10/17/2023 02:11 PM |                                   |
| 6215 | Cellular Network Infrastructure | Bug     | New    | Normal   | Rebase open5gs pcrf_simple patches and submit upstream                                                                  | lynxis    | 10/18/2023 02:53 PM |                                   |
| 6201 | OsmocomBB                       | Bug     | New    | Normal   | modem: signal proper MS Radio Access Capability                                                                         |           | 10/04/2023 12:34 PM | Related to #6201                  |
| 6200 | OsmocomBB                       | Bug     | New    | High     | osmo-trx-ms: lots of @Received bad frame (rc=-1, ber=444/444)@                                                          | Hoernchen | 10/05/2023 06:02 PM | Related to #6342,Blocks #6200     |
| 6196 | OsmoMGW                         | Bug     | New    | Normal   | Codec negotiation failure false positives                                                                               | dexter    | 12/07/2023 06:25 AM | Related to #6293                  |
| 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 |                                   |
| 6192 | OP25                            | Bug     | New    | Normal   | Unable to host behind NGINX reverse proxy                                                                               | max       | 09/27/2023 01:56 AM |                                   |
| 6188 | Cellular Network Infrastructure | Bug     | New    | Normal   | Osmocom manuals have "draft" in debian packages of released versions                                                    | osmith    | 09/21/2023 04:37 PM |                                   |
| 6185 | Core testing infrastructure     | Bug     | New    | Normal   | Submit titan.ProtocolEmulations.SCCP patch upstream                                                                     | neels     | 09/20/2023 06:22 PM |                                   |
| 6176 | OsmoSGSN                        | Bug     | New    | Low      | build failure (dependency / concurrency issue)                                                                          |           | 09/13/2023 03:14 PM |                                   |
| 6169 | osmo-e1d                        | Bug     | New    | High     | Frame masking against network frame ordering, not frame numbers                                                         | laforge   | 10/18/2023 03:19 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 |
| 6159 | OsmoBSC                         | Bug     | New    | Normal   | use paging queue for PAGING messages that come from the BSC co-located PCU                                              | dexter    | 08/30/2023 12:39 PM |                                   |
| 6158 | OsmoHNBGW                       | Bug     | New    | Normal   | IMSI not shown in "show ue all"                                                                                         | lynxis    | 08/29/2023 03:11 PM |                                   |
| 6150 | OsmoPCU                         | Feature | New    | Normal   | PCUIF: Use unique identifiers instead of the TLLI as msg_id.                                                            | dexter    | 10/24/2023 03:15 PM |                                   |
| 6149 | OsmoGSMTester                   | Bug     | New    | Normal   | osmo-gsm-tester gerrit verifications currently broken, not running in docker                                            | osmith    | 08/25/2023 09:13 AM |                                   |

| #    | Project                         | Tracker | Status | Priority | Subject                                                                                | Assignee  | Updated             | Related issues                    |
|------|---------------------------------|---------|--------|----------|----------------------------------------------------------------------------------------|-----------|---------------------|-----------------------------------|
| 6148 | OsmoDia2GSUP                    | Bug     | New    | Normal   | config file not installed not used by systemd service in debian                        | pespin    | 10/18/2023 03:21 PM |                                   |
| 6139 | OsmoSGSN                        | Feature | New    | Normal   | test mobility between GERAN (OsmoPCU) and EUTRAN (Open5GS) end to end on real hardware | dexter    | 04/02/2024 09:38 AM |                                   |
| 6137 | OsmoHNBGW                       | Feature | New    | Normal   | ip.access Nano3G                                                                       | lynxis    | 10/21/2023 07:24 PM |                                   |
| 6132 | OsmocomBB                       | Feature | New    | Normal   | Add MS_GPRS_Tests to osmo-ttcn3-hacks                                                  | fixeria   | 10/04/2023 10:29 PM | Related to #6132                  |
| 6129 | Miscellaneous Projects          | Bug     | New    | Normal   | Discourse: Setting a custom avatar via upload fails                                    |           | 08/02/2023 06:07 PM |                                   |
| 6126 | OsmoGSMTester                   | Bug     | New    | Normal   | osmo-gsm-tester docker container uses debian 10                                        |           | 08/01/2023 09:49 AM | Related to #6126                  |
| 6125 | OsmocomBB                       | Bug     | New    | Normal   | LLC GIA/GEA (auth/encryption) not yet tested                                           | pespin    | 08/28/2023 10:32 PM |                                   |
| 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                  |
| 6118 | OsmoPCU                         | Bug     | New    | Normal   | osmo-pcu assigns multi-slot TBFs over PACCH to MS with unknwon ms_class                | pespin    | 09/22/2023 02:33 PM |                                   |
| 6106 | OsmoGGSN (former OpenGGSN)      | Bug     | New    | Normal   | OsmoGGSN attempts to use the same GTP-U socket for all APNs with gtpu-mode kernel-gtp  |           | 02/21/2024 10:31 AM | Related to #6106,Related to #6106 |
| 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 |                                   |
| 6059 | OsmoBSC                         | Bug     | New    | Normal   | negotiate GSM-HR RTP packet format explicitly                                          | dexter    | 06/13/2023 10:38 AM |                                   |
| 6051 | OsmoHNBGW                       | Feature | New    | Low      | misnomer in internal SCCP functions                                                    | neels     | 07/06/2023 08:26 PM |                                   |
| 6036 | OsmoBTS                         | Feature | New    | Normal   | Implement ternary SID classification for HR1 uplink                                    |           | 05/17/2023 09:48 PM | Related to #6036,Related to #6036 |
| 6032 | rtl-sdr                         | Bug     | New    | Normal   | Poor APRS demodulation using RTL_FM on RaspberryPI or on old PC                        |           | 05/15/2023 12:14 PM |                                   |
| 6029 | Core testing infrastructure     | Bug     | New    | Normal   | Single TTCN3 BSC handover test fails                                                   |           | 10/18/2023 05:31 PM |                                   |
| 6021 | libosmocore                     | Bug     | New    | Low      | map file breaks recent lld builds                                                      | Hoernchen | 05/04/2023 05:49 AM |                                   |
| 6019 | OsmoBSC                         | Bug     | New    | Normal   | "PCU version PCU socket has LOST connection connected"                                 | fixeria   | 10/18/2023 05:42 PM |                                   |



| #    | Project                         | Tracker | Status | Priority | Subject                                                                                             | Assignee | Updated             | Related issues   |
|------|---------------------------------|---------|--------|----------|-----------------------------------------------------------------------------------------------------|----------|---------------------|------------------|
| 6015 | OsmoPCU                         | Bug     | New    | Normal   | osmo-pcu (with ericsson RBS) is unable to keep TRAU frames in sync                                  | dexter   | 12/23/2023 01:12 AM |                  |
| 6012 | rtl-sdr                         | Bug     | New    | Normal   | Update wiki for macos build                                                                         | steve-m  | 05/01/2023 02:38 AM |                  |
| 6009 | OsmoMSC                         | Bug     | New    | Normal   | omo-msc: lots of tlv_parse() calls in src/libmsc/gsm_04_08.c have no return code checked for errors |          | 04/19/2023 03:19 PM |                  |
| 6007 | OsmoBSC                         | Bug     | New    | Normal   | network -> bts -> gprs nsvc will always create a nsvc node                                          |          | 04/17/2023 04:08 PM |                  |
| 6005 | rtl-sdr                         | Bug     | New    | Normal   | rtl-test and rtl-sdr exit code=-5 when running on Windows 10 WSL and Ubuntu                         | steve-m  | 10/18/2023 05:45 PM |                  |
| 6000 | OsmoMSC                         | Feature | New    | Normal   | Allow emergency calls without IMSI (using IMEI as MI)                                               |          | 04/12/2023 11:03 AM | Related to #6000 |
| 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 |                  |
| 5991 | OsmoBSC                         | Bug     | New    | Normal   | Forward TSNS-PROV bsc->[bts->]pcu                                                                   | jolly    | 12/17/2023 12:59 PM | Related to #5991 |
| 5986 | OsmoBSC                         | Bug     | New    | Normal   | PAGING impossible until CCCH LOAD IND is received from the BTS                                      | keith    | 03/31/2023 09:13 AM |                  |
| 5985 | Cellular Network Infrastructure | Bug     | New    | Normal   | tests: not all Osmocom projects have @osmoappdesc.py@                                               |          | 03/29/2023 08:09 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 |                  |
| 5952 | OsmoBTS                         | Bug     | New    | Normal   | ttcn3-bts-test: TC_ho_physical_info fails                                                           | fixeria  | 11/15/2023 08:23 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 |                  |
| 5931 | libosmo-netif                   | Bug     | New    | High     | heap-use-after-free when osmo_stream_srv_destroy() is called inside read_cb()                       | daniel   | 03/02/2023 11:03 AM |                  |
| 5930 | OsmoPCU                         | Feature | New    | Low      | handle multiple BTSs with one PCU                                                                   |          | 03/03/2023 10:47 AM |                  |
| 5922 | rtl-sdr                         | Bug     | New    | Normal   | rtl_sdr bytes_to_read wraparound for n > 2**31                                                      | steve-m  | 03/20/2023 10:16 AM |                  |
| 5919 | Core testing infrastructure     | Bug     | New    | Low      | osmo-python-tests: Update/fix README or setup process                                               | osmith   | 03/20/2023 10:17 AM |                  |
| 5918 | osmo-fl2k                       | Bug     | New    | Normal   | -flto broken in release                                                                             | steve-m  | 12/20/2023 08:43 PM |                  |
| 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 |                  |
| 5904 | OsmoHNBGW                       | Feature | New    | Normal   | HNBAP Register Request handling does checks that seem to make no sense                              | neels    | 09/01/2023 05:00 AM |                  |

| #    | Project                               | Tracker | Status | Priority | Subject                                                                                       | Assignee  | Updated             | Related issues   |
|------|---------------------------------------|---------|--------|----------|-----------------------------------------------------------------------------------------------|-----------|---------------------|------------------|
| 5899 | libosmo-sccp + libosmo-sigtran        | Bug     | New    | Low      | ttn3-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 |                  |
| 5891 | osmo-remsim                           | Bug     | New    | Normal   | bankd: potential pthread deadlock reported by coverity                                        | laforge   | 02/03/2023 07:35 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 |
| 5883 | OCTOI - Osmocom Community TDM over IP | Bug     | New    | Normal   | GPS sync sometimes goes to hold over                                                          | tnt       | 01/30/2023 02:18 PM | Related to #5885 |
| 5878 | pySim                                 | Bug     | New    | Normal   | pySim shell: version fails with DistributionNotFound                                          | fixeria   | 10/06/2023 09:03 AM |                  |
| 5876 | OsmoHNBGW                             | Bug     | New    | Normal   | on HNBAP HNB Register, clear previous UE state if any                                         | neels     | 03/20/2023 01:27 PM |                  |
| 5869 | OsmoHNBGW                             | Bug     | New    | Normal   | osmo-hnbgw ignores HNBAP HNB De-Register                                                      |           | 01/21/2023 01:52 AM |                  |
| 5867 | OsmoHNBGW                             | Feature | New    | Normal   | HNBGW_Tests.ttcn should do HNBAP UE Register and De-Register tests                            |           | 01/21/2023 02:30 AM |                  |
| 5865 | OsmoHLR                               | Feature | New    | Low      | Automate selection of LU Reject Cause                                                         |           | 02/16/2023 10:36 AM |                  |
| 5864 | libosmocore                           | Bug     | New    | Normal   | Libosmocore: Fix order of config parsing output                                               |           | 02/04/2023 05:21 PM |                  |
| 5859 | OsmoTRX                               | Feature | New    | Normal   | remove non-neon and non-sse support                                                           | Hoernchen | 01/16/2023 10:17 PM |                  |
| 5855 | Retronetworking                       | Feature | New    | Normal   | Establishing a German non-profit for retronetworking                                          | laforge   | 01/13/2023 11:59 AM |                  |
| 5853 | OsmoSGSN                              | Feature | New    | Normal   | osmo-sgsn: Rework to use libosmo-gprs                                                         |           | 01/11/2023 03:14 PM |                  |
| 5852 | OsmoSGSN                              | Bug     | New    | Normal   | osmo-sgsn: Keep TLLI<->NSEI+BVC1 relation knowledge in BSSGP layer                            |           | 01/11/2023 03:08 PM |                  |
| 5851 | OsmoSGSN                              | Bug     | New    | Normal   | check if rate ctr GMM_CTR_PKTS_UDATA_IN is correct increased in sgsn_gtp_data_req() func      |           | 01/10/2023 06:40 PM |                  |
| 5850 | SDR (Software Defined Radio)          | Bug     | New    | Normal   | OBS mingw builds not updated since 2019                                                       | roox      | 01/04/2023 12:15 PM |                  |
| 5844 | OsmoPCU                               | Bug     | New    | Normal   | pcu: ns: ip-sns: 2 local binds with a single remote is invalid                                |           | 12/22/2022 09:59 PM |                  |
| 5843 | OsmoBSC                               | Bug     | New    | Normal   | BTS features aren't reset after oml drop                                                      |           | 12/22/2022 09:27 PM |                  |
| 5842 | OsmoBSC                               | Bug     | New    | Normal   | ipa: investigate NSVC local and remote port configuration difference with wireshark dissector |           | 12/22/2022 07:18 PM |                  |
| 5839 | OsmoGSMTester                         | Feature | New    | Normal   | Ability to switch off the osmo-trx machine                                                    | pespin    | 12/20/2022 05:43 PM |                  |
| 5838 | OsmoGSMTester                         | Feature | New    | Normal   | Implement power switching for all BTSs                                                        |           | 12/20/2022 05:30 PM |                  |
| 5837 | OsmoHNBGW                             | Bug     | New    | Normal   | osmo-juh: UE-REGISTER-REQ with uE_Identity type IMEI not implemented.                         |           | 12/20/2022 03:43 PM |                  |

| #    | Project                         | Tracker | Status | Priority | Subject                                                                                   | Assignee | Updated             | Related issues                    |
|------|---------------------------------|---------|--------|----------|-------------------------------------------------------------------------------------------|----------|---------------------|-----------------------------------|
| 5834 | OsmoPCU                         | Feature | New    | Normal   | VTY option "two-phase-access" is misleading                                               |          | 12/19/2022 06:55 PM |                                   |
| 5833 | OsmoPCU                         | Feature | New    | Low      | A "meas-feed" for osmo-pcu                                                                | keith    | 12/18/2022 06:42 PM |                                   |
| 5831 | OsmocomBB                       | Bug     | New    | Normal   | SE K2x0i: built-in SIM reader is not working                                              | steve-m  | 12/16/2022 12:03 AM |                                   |
| 5829 | libosmocore                     | Feature | New    | Low      | log fallback for log_check_level(), log_parse_category()                                  |          | 12/13/2022 10:44 PM |                                   |
| 5827 | OsmoPCU                         | Feature | New    | Normal   | osmo-pcu: Hardcoded limit of maximum number of 8 TRX per BTS                              | pespin   | 12/16/2022 11:55 AM |                                   |
| 5822 | OsmocomBB                       | Bug     | New    | Normal   | SE K2x0i: missing RF and AFC params                                                       |          | 12/15/2022 11:36 PM |                                   |
| 5819 | Cellular Network Infrastructure | Bug     | New    | Low      | Gerrit/gitiles: Parent links don't work                                                   |          | 12/08/2022 01:28 PM |                                   |
| 5818 | libosmocore                     | Bug     | New    | Normal   | multithreaded logging causes lock contention and needs a rework                           |          | 01/10/2024 09:05 AM |                                   |
| 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 |
| 5814 | OsmoUPF                         | Feature | New    | Normal   | tunmap: more concisely match on GTP-U packets                                             |          | 12/06/2022 07:30 PM |                                   |
| 5813 | OsmoHNBGW                       | Feature | New    | Low      | Alcatel-Lucent femtocells available in Europe                                             |          | 03/09/2024 07:09 PM |                                   |

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