

## Issues

| #    | Project  | Tracker | Status      | Priority  | Subject   | Assignee  | Updated             | Related issues  |
|------|--|---------|-------------|-----------|---|-----------|---------------------|---|
| 5683 | Osmocom Libraries                              | Bug     | New         | Immediate | How to install osmocom in China   |           | 09/18/2022 10:18 AM |   |
| 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  |
| 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 |
| 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  |
| 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     |
| 4206 | Qualcomm Linux Modems by Quectel & Co          | Support | New         | Urgent    | Unbrick cpe router without web ui interface and terminal  |           | 02/22/2021 02:01 PM |   |
| 5481 | Open Source IMS Client                         | Feature | New         | Urgent    | SIM card interface for doubango   | laforge   | 03/25/2022 11:00 AM | Related to #5482  |
| 5574 | OsmoBSCNAT                                     | Bug     | New         | Urgent    | OsmoBSCNAT testsuite running in jenkins   | Hoernchen | 10/06/2022 11:46 AM | Related to #5574  |
| 3819 | gr-osmosdr                                     | Support | New         | Urgent    | OSMO SDR blocks for GNUradio  |           | 02/28/2019 06:00 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                                   |
| 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                                   |
| 5527 | osmo-remsim                                    | Bug     | Stalled     | High      | warn on duplicate client (id) connections   | laforge   | 07/13/2022 01:25 PM | Related to #5527  |
| 4940 | OsmoBSC  | Feature | Stalled     | High      | VAMOS support in OsmoBSC  | neels     | 08/11/2021 02:47 PM | Related to #4941  |
| 4916 | osmo-e1d                                       | Bug     | Stalled     | High      | USB unplug / replugin renders e1d unusable  | laforge   | 12/04/2023 12:34 PM | Related to #5983  |
| 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 |   |
| 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                  |

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|------|---------------------------------|---------|---------|----------|--|----------|---------------------|---|
| 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                                   |
| 3717 | OsmoHLR                         | Bug     | Stalled | High     | SS/USSD: fix SS session inactivity timeout   | fixeria  | 12/05/2018 08:45 PM |   |
| 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   |
| 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  |
| 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  |
| 4829 | OsmocomBB                       | Bug     | Stalled | High     | OsmocomBB Rx bit errors in dedicated mode  | laforge  | 02/06/2021 09:11 AM | Related to #4832  |
| 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  |
| 3399 | OsmocomBB                       | Feature | Stalled | High     | mobile: refactor / finish external MNCC handler implementation                                       | fixeria  | 10/04/2018 09:07 PM |   |
| 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 |   |
| 4383 | pySim                           | Bug     | Stalled | High     | Jenkins build verification is non-deterministic  | dexter   | 04/06/2021 04:58 PM | Related to #4384,Related to #5127   |
| 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   |
| 3659 | OsmoBSC                         | Feature | Stalled | High     | handover during LCLS directly between BTSs   | dexter   | 05/22/2023 09:23 AM | Related to #3659,Related to #3659,Related to #3659,Related to #3659,Related to #3659,Related to #3783 |
| 2604 | Cellular Network Infrastructure | Feature | Stalled | High     | GSUP-to-DIAMETER converter / IWF   | laforge  | 02/29/2020 11:27 AM | Related to #5646  |
| 4522 | osmo-gbproxy                    | Feature | Stalled | High     | gbproxy: Redundancy within proxy pair  | daniel   | 07/09/2021 06:43 PM |   |

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|------|--|---------|-------------|----------|--|----------|---------------------|--|
| 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  |
| 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 |  |
| 4771 | OsmoBTS  | Bug     | Stalled     | High     | Don't log NOTICE messages on missing uplink bursts                                     | fixeria  | 11/16/2021 03:05 PM |  |
| 3379 | SIMtrace 2   | Bug     | Stalled     | High     | documentation on how to use SIMtrace2  | laforge  | 11/14/2022 05:31 PM | Related to #3379   |
| 3568 | OsmoBTS  | Bug     | Stalled     | High     | CBCH on SDCCH/8 not working for osmo-bts-sysmo   | laforge  | 01/14/2019 03:29 PM |  |
| 5419 | SIMtrace 2   | Bug     | Stalled     | High     | cardem errors with higher baud rate  | laforge  | 11/07/2022 06:22 PM |  |
| 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   |
| 2409 | OsmocomBB  | Feature | Stalled     | High     | Add GPRS support to virt_phy and L1CTL   | fixeria  | 08/19/2022 03:06 PM |  |
| 6091 | osmo-ePDG - VoWifi Evolved Packet Data Gateway         | Bug     | Feedback    | High     | osmo-epdg: Implement CEAL interface (GSUP) ePDG <> strongswan                          | lynxis   | 03/14/2024 04:36 PM |  |
| 4008 | OsmoBTS  | Bug     | Feedback    | High     | Channel Activation starts SACCH too early in Asynchronous Handover                     |          | 03/11/2022 12:47 PM | Related to #4008,Related to #4010,Related to #4009   |
| 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 |  |
| 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   |
| 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 |  |
| 4107 | Cellular Network Infrastructure                        | Feature | In Progress | High     | Start systemd services as non-root user  | osmith   | 04/29/2024 08:12 AM | Related to #4107,Related to #4821,Related to #4107,Related to #5669,Related to #5685,Related to #5687,Related to #5722 |
| 5921 | SIMtrace 2   | Bug     | In Progress | High     | simtrace2 cardem vs. Linux kernel USB autosuspend                                      | laforge  | 09/16/2023 10:47 PM | Related to #5921   |
| 6290 | Osmocom Conferences (OsmoDevCon, OsmoCon, OsmoDevCall) | Feature | In Progress | High     | Organize OsmoDevCon 2024   | laforge  | 03/06/2024 12:06 PM |  |
| 5349 | OsmoSGSN   | Bug     | In Progress | High     | Message for non-existing SNDCCP Entity   |          | 07/17/2023 04:42 PM |  |

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| 4830 | OsmoMSC                         | Bug     | In Progress | High     | LU reject when no authentication data in HLR but "authentication optional" | neels     | 10/10/2022 02:03 PM |                                   |
| 5480 | Open Source IMS Client          | Feature | In Progress | High     | Linux kernel IPsec plugin for doubango                                     | laforge   | 03/25/2022 10:44 AM |                                   |
| 1766 | OsmoPCU                         | Bug     | In Progress | High     | KPIs for OsmoPCU: EGPRS  |           | 01/22/2020 02:06 PM | Related to #1766,Related to #1766 |
| 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 |
| 5755 | OsmoBSC                         | Feature | In Progress | High     | io_uring support in osmo-bsc   | jolly     | 03/02/2024 08:06 PM | Related to #5755,Related to #6357 |
| 5516 | OsmoTRX                         | Feature | In Progress | High     | BladeRF 2.0 Support  | Hoernchen | 02/14/2023 02:59 PM | Is duplicate of #2430             |
| 1483 | Mobile (in)Security             | Bug     | New         | High     | USSD state is not reset when switching cells                               |           | 02/21/2016 04:34 PM |                                   |
| 2171 | OP25                            | Feature | New         | High     | Use libfftw3 for IFFT/FFT functions.                                       |           | 04/22/2017 04:14 PM |                                   |
| 1474 | SDR (Software Defined Radio)    | Bug     | New         | High     | USB Claim Interface Error  | steve-m   | 02/20/2016 08:23 PM |                                   |
| 4578 | Cellular Network Infrastructure | Bug     | New         | High     | Updated slides / presentations / videos on setting up Osmocom CNI          | laforge   | 02/13/2021 05:35 PM |                                   |
| 2175 | OP25                            | Feature | New         | High     | Update code for GNURadio 3.6 and later                                     |           | 04/22/2017 04:14 PM |                                   |
| 5393 | OsmocomDECT                     | Bug     | New         | High     | tipc problems while building on Ubuntu                                     |           | 01/09/2022 12:48 PM |                                   |
| 4308 | Distributed GSM                 | Support | New         | High     | thoughts about incorporating credit / billing in D-GSM                     |           | 12/04/2019 04:08 PM |                                   |
| 5257 | OsmoBTS                         | Bug     | New         | High     | support random padding in SACCH downlink messages                          |           | 10/12/2021 11:18 AM | Related to #5257                  |
| 5144 | gr-osmosdr                      | Bug     | New         | High     | Support multiple Airspy devices  | horiz0n   | 10/21/2023 07:22 PM |                                   |
| 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 |
| 5256 | OsmoBTS                         | Feature | New         | High     | support for random padding in LAPDm downlink messages                      |           | 10/12/2021 11:17 AM | Related to #5256                  |
| 5392 | OsmocomDECT                     | Bug     | New         | High     | Sliding collision errors   |           | 01/09/2022 12:44 PM |                                   |
| 2623 | Cellular Network Infrastructure | Feature | New         | High     | SCCP/M3UA: detect restart of osmo-msc and osmo-sgsn                        | neels     | 02/07/2021 12:55 PM | Related to #3403,Related to #4701 |
| 3977 | OsmoCBC                         | Feature | New         | High     | SABP stream delineation routines   | laforge   | 09/23/2019 04:49 AM | Related to #3979,Related to #4944 |

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| 2155 | OP25                | Feature | New    | High     | Replace FSK4 demodulation with IQ demodulator stage.   |           | 04/22/2017 04:16 PM |                                   |
| 2173 | OP25                | Feature | New    | High     | Remove dependency on ET++  |           | 04/22/2017 04:14 PM |                                   |
| 1481 | Mobile (in)Security | Bug     | New    | High     | Random LAPDm MAC-block padding is not deployed yet   |           | 02/21/2016 04:34 PM | Related to #5256,Related to #5257 |
| 1477 | Mobile (in)Security | Bug     | New    | High     | RACH flood DoS   |           | 02/21/2016 04:34 PM |                                   |
| 5425 | gr-osmosdr          | Bug     | New    | High     | Problem receiving samples using dual receivers with BladeRF  |           | 01/29/2022 04:22 AM |                                   |
| 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     |
| 1505 | UmTRX               | Bug     | New    | High     | OHM4 footprint incorrect   |           | 02/19/2016 10:52 PM |                                   |
| 2955 | OsmoSGSN            | Bug     | New    | High     | No GMM ATTACH REJECT on GSUP UpdateLocation Error  | lynxis    | 09/10/2019 07:39 PM |                                   |
| 4622 | OsmoTRX             | Bug     | New    | High     | Lots of "dumping STALE burst in TRX->SDR interface" messages in osmo-trx after osmo-bts-trx proper restart | Hoernchen | 07/06/2020 11:57 AM |                                   |
| 5394 | OsmocomDECT         | Bug     | New    | High     | Kernel Oops when loading com_on_air_cs (unable to handle kernel NULL pointer dereference)                  |           | 01/09/2022 12:54 PM |                                   |
| 5731 | gr-osmosdr          | Bug     | New    | High     | Install gr-osmosdr on Ubuntu 20.04   |           | 10/27/2022 01:39 PM |                                   |
| 1478 | Mobile (in)Security | Bug     | New    | High     | IMSI DETACH DoS  |           | 09/02/2019 09:00 AM |                                   |
| 1507 | UmTRX               | Feature | New    | High     | Implement UmSEL tuner control  | ipse      | 02/21/2016 04:47 PM |                                   |
| 1508 | UmTRX               | Feature | New    | High     | Implement UmSEL diversity switch control   | ipse      | 02/21/2016 04:47 PM |                                   |
| 4222 | OsmoSGSN            | Bug     | New    | High     | Implement PS Paging for the Routing Areas  |           | 10/03/2020 02:20 PM | Related to #4222                  |
| 2170 | OP25                | Bug     | New    | High     | Implement forward error-correction code, remove IT++ dependency  |           | 04/22/2017 04:14 PM |                                   |
| 2168 | OP25                | Bug     | New    | High     | Implement Forward error correction for LDU1/2  |           | 04/22/2017 04:15 PM |                                   |
| 2156 | OP25                | Feature | New    | High     | Implement forward error correction for HDU.  |           | 04/22/2017 04:16 PM |                                   |
| 2167 | OP25                | Feature | New    | High     | Implement Encryption/Decryption P25 blocks   |           | 04/22/2017 04:15 PM |                                   |
| 6436 | OsmoPCU             | Bug     | New    | High     | high cpu usage, entire BTS unresponsive after some hours   | keith     | 04/13/2024 04:32 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 |                                   |
| 2172 | OP25                | Bug     | New    | High     | HDU often missing in captures  |           | 04/22/2017 04:14 PM |                                   |
| 4312 | OsmoHLR             | Bug     | New    | High     | GSUP keepalives / connection loss detection  |           | 10/12/2020 02:42 PM |                                   |
| 4605 | OsmoSGSN            | Bug     | New    | High     | GMM_ATTACH_REQ_FSM: Event E_AUTH_RESP_RECV_SUCCESS not permitted   | lynxis    | 06/13/2020 06:16 PM | Related to #4605                  |

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|------|---------------------------------|---------|---------|----------|--|-----------|---------------------|--|
| 4781 | osmo-qcdiag                     | Bug     | New     | High     | get hoernchen/gsmstap branch merged  | Hoernchen | 10/06/2020 03:18 PM |  |
| 6169 | osmo-e1d                        | Bug     | New     | High     | Frame masking against network frame ordering, not frame numbers  | laforge   | 10/18/2023 03:19 PM |  |
| 1925 | OsmoPCU                         | Bug     | New     | High     | Fix padding for MCS8 transition  |           | 01/08/2020 10:31 PM |  |
| 2162 | OP25                            | Bug     | New     | High     | Fix bit-ordering in output for VC55.   |           | 04/22/2017 04:15 PM |  |
| 2157 | OP25                            | Feature | New     | High     | Fix "traffic" tab so it displays data for non-HDU data units   |           | 04/22/2017 04:16 PM |  |
| 2169 | OP25                            | Bug     | New     | High     | First-cut of trunking support  |           | 04/22/2017 04:15 PM |  |
| 1560 | OsmoPCU                         | Feature | New     | High     | EDGE benchmarking / performance optimization / tuning  |           | 01/08/2020 10:31 PM |  |
| 5571 | Ericsson RBS 6xxx               | Bug     | New     | High     | DUG can come up, but with Avail: "Power Off"   | dexter    | 11/08/2022 05:10 PM |  |
| 2158 | OP25                            | Feature | New     | High     | Create a shared library for decoding for WireShark and the decoder.  |           | 04/22/2017 04:16 PM |  |
| 2824 | gr-osmosdr                      | Bug     | New     | High     | Corrupted double-linked for Raspbian Stretch when running osmoccom_fft (and any other program using osmosdr.source |           | 06/03/2018 12:08 PM |  |
| 1510 | UmTRX                           | Feature | New     | High     | Complete UHD integration   | ipse      | 02/21/2016 04:47 PM |  |
| 3734 | gr-osmosdr                      | Bug     | New     | High     | Cannot compile gr-osmoccom   |           | 12/16/2018 12:22 AM |  |
| 5057 | OsmoMSC                         | Bug     | New     | High     | Can only send a maximum of 15 SMPP messages?   | Hoernchen | 09/15/2021 09:53 AM |  |
| 6337 | OsmocomBB                       | Bug     | New     | High     | bad fr audio with gapk/ms-sdr  |           | 01/22/2024 09:21 PM | Related to #6337                               |
| 1458 | OsmocomBB                       | Bug     | New     | High     | AGC broken (strong cell cannot be synced   | tnt       | 07/18/2019 06:10 AM | Related to #3582                               |
| 2166 | OP25                            | Feature | New     | High     | Add support for Max's I/Q 455khz downconverter   |           | 04/22/2017 04:15 PM |  |
| 2160 | OP25                            | Feature | New     | High     | Add "datascope" to usrp_p25_rx.py  |           | 04/22/2017 04:16 PM |  |
| 1480 | Mobile (in)Security             | Bug     | New     | High     | A5/3 is not deployed in GSM networks   |           | 02/21/2016 04:34 PM |  |
| 1462 | OsmocomBB                       | Bug     | New     | High     | ../src/utills.c:182:7: error: only weak aliases are supported in this configuration                                |           | 02/21/2016 04:48 PM |  |
| 5396 | OsmocomDECT                     | Bug     | New     | High     | TcpDump/WireShark will not build with libpcap(dect)  |           | 01/09/2022 12:57 PM |  |
| 4941 | OsmoBTS                         | Feature | Stalled | Normal   | VAMOS support in OsmoBTS   | fixeria   | 03/18/2022 01:19 AM | Related to #4941,Related to #4941,Blocks #4941 |
| 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 |  |
| 6411 | Cellular Network Infrastructure | Bug     | Stalled | Normal   | ttn3: execute testsuites with a more realistic link performance  |           | 04/03/2024 06:25 PM |  |
| 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                               |

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|------|---------------------------------|---------|---------|----------|--|----------|---------------------|--|
| 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 |
| 3424 | OsmocomBB SDR PHY               | Feature | Stalled | Normal   | Transceiver: implement automatic TX delay measurement                              |          | 07/09/2023 07:46 PM |  |
| 6023 | Core testing infrastructure     | Feature | Stalled | Normal   | test rack/lab power management software with usage/reference counting              | laforge  | 10/18/2023 05:42 PM |  |
| 4534 | Ericsson RBS 6xxx               | Support | Stalled | Normal   | Take pictures of RBS6k gear for documentation                                      | roh      | 05/20/2020 03:19 PM |  |
| 1794 | OsmoSGSN                        | Bug     | Stalled | Normal   | support random IV for GEA (via XID)  |          | 03/01/2018 11:17 PM | Related to #1910,Related to #1672,Related to #2843,Blocks #1794,Blocks #1582   |
| 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   |
| 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   |
| 3812 | libosmo-netif                   | Bug     | Stalled | Normal   | stream_test fails depending on where it is run                                     |          | 03/13/2019 04:15 PM |  |
| 3445 | OsmoMSC                         | Feature | Stalled | Normal   | SS/USSD: clean up the local GSM 04.80 API  |          | 12/14/2018 01:57 PM |  |
| 3569 | OsmoBTS                         | Bug     | Stalled | Normal   | Some phones don't receive SMSCB  | laforge  | 01/14/2019 03:32 PM |  |
| 1587 | OsmoSGSN                        | Feature | Stalled | Normal   | SMS over GPRS support  |          | 11/25/2018 08:14 PM | Related to #3587   |
| 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 |  |
| 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   |
| 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   |
| 5826 | SIMtrace 2                      | Feature | Stalled | Normal   | SAM4S4BA support in firmware   | laforge  | 01/31/2023 08:06 PM | Related to #5826   |

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|------|-----------------------------|---------|---------|----------|---|-----------|---------------------|--|
| 5301 | Core testing infrastructure | Bug     | Stalled | Normal   | Run TTCN3 docker tests with sanitizer enabled   | osmith    | 03/20/2024 09:28 AM | Related to #5302   |
| 5696 | OsmoPCU                     | Bug     | Stalled | Normal   | RLC/MAC: poll timeout when assigning a multi-slot DL TBF                                | fixeria   | 10/05/2022 11:01 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  |
| 3422 | OsmocomBB SDR PHY           | Bug     | Stalled | Normal   | Receiver: sample / burst buffering problem  |           | 07/09/2023 07:39 PM |  |
| 3425 | OsmocomBB SDR PHY           | Bug     | Stalled | Normal   | Receiver: missing AGC (Automatic Gain Control)  |           | 07/09/2023 07:44 PM |  |
| 3423 | OsmocomBB SDR PHY           | Feature | Stalled | Normal   | Receiver: hard-coded GSM 05.02 channel configuration                                    |           | 07/09/2023 07:45 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 |  |
| 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 |  |
| 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   |
| 3566 | Misc Hardware Projects      | Feature | Stalled | Normal   | power supply / battery / charge for our GSM-R OPS 940                                   | laforge   | 04/02/2023 09:05 AM |  |
| 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  |
| 4476 | IMSI Pseudonymization       | Feature | Stalled | Normal   | OsmoHLR: support IMSI pseudo in location update   | neels     | 05/27/2020 01:11 PM | Blocks #4477   |
| 2977 | OsmoBTS                     | Feature | Stalled | Normal   | OsmoBTS measurement 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 |
| 3806 | OsmoBSC                     | Bug     | Stalled | Normal   | OsmoBSC accepts BSSAP with wrong length field   |           | 08/28/2020 08:15 PM | Related to #3806   |
| 4362 | OsmoTRX                     | Feature | Stalled | Normal   | osmo-trx-lms: Support multi-arfcn feature   |           | 09/30/2020 08:09 PM | Related to #4362,Related to #4362  |
| 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  |



| #    | Project                               | Tracker | Status  | Priority | Subject   | Assignee | Updated             | Related issues   |
|------|---------------------------------------|---------|---------|----------|---|----------|---------------------|--|
| 4947 | OsmoPCU                               | Bug     | Stalled | Normal   | osmo-pcu: Handling for Pkt Resource Req using Global TFI not implemented                            | pespin   | 12/22/2022 01:04 PM |  |
| 2197 | OsmoGSMTester                         | Feature | Stalled | Normal   | osmo-gsm-tester: use MNCC interface   |          | 11/30/2017 10:41 AM | Related to #2194,Is duplicate of #2197   |
| 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   |
| 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   |
| 4542 | OsmoGSMTester                         | Bug     | Stalled | Normal   | ofono: crash in drivers/qmimodem/gprs.c:extract_ss_info()   | pespin   | 07/30/2021 10:30 AM |  |
| 2807 | Z-Netz                                | Bug     | Stalled | Normal   | Obtain ZERBERUS software build[s] and manual[s]   | laforge  | 01/01/2020 01:51 PM |  |
| 1838 | OsmoPCU                               | Bug     | Stalled | Normal   | Nokia E52 doest reply to PUAN message properly  |          | 10/29/2017 06:47 PM |  |
| 5693 | OCTOI - Osmocom Community TDM over IP | Bug     | Stalled | Normal   | no progress tones in yate   |          | 12/03/2023 11:10 AM |  |
| 3560 | OsmoGSMTester                         | Bug     | Stalled | Normal   | nanoBTS multiTRX tests in osmo-gsm-tester Prod setup failing  | pespin   | 09/04/2019 09:16 AM | Related to #3560,Related to #3560,Related to #3628,Is duplicate of #3475   |
| 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 |
| 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 |  |
| 4023 | OsmoBTS                               | Bug     | Stalled | Normal   | Missing coverage of PCU interface in osmo-bts   |          | 03/21/2023 01:07 PM | Related to #4023   |
| 4452 | OsmoPCU                               | Bug     | Stalled | Normal   | manual testing of osmo-pcu  |          | 07/28/2023 02:48 PM |  |

| #    | Project                     | Tracker | Status  | Priority | Subject  | Assignee | Updated             | Related issues  |
|------|-----------------------------|---------|---------|----------|--|----------|---------------------|---|
| 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                      |
| 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                                   |
| 1655 | OsmoSGSN                    | Feature | Stalled | Normal   | KPIs for OsmoSGSN  |          | 01/08/2020 10:49 PM | Related to #1652,Related to #1655,Related to #1655                  |
| 4384 | pySim                       | Feature | Stalled | Normal   | Jenkins program-read verification on daily (or weekly) basis                     | dexter   | 03/27/2023 04:13 PM | Related to #4384  |
| 5276 | SIMtrace 2                  | Feature | Stalled | Normal   | jenkins CI integration like for osmo-ccid-firmware                               | roh      | 11/14/2022 05:24 PM | Related to #5422  |
| 3620 | OsmoMSC                     | Feature | Stalled | Normal   | Implement TTCN-3 testsuite for Inter-MSC HO                                      | neels    | 09/04/2019 09:08 AM |   |
| 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  |
| 4070 | OsmoBSC                     | Bug     | Stalled | Normal   | Implement IPA PING/PONG mechanism on RSL and OML                                 | osmith   | 09/30/2020 08:13 PM | Related to #5785  |
| 2514 | GSM Audio Pocket Knife      | Bug     | Stalled | Normal   | GSM HR encoding result does not match the reference                              | fixeria  | 04/03/2019 08:37 AM |   |
| 4891 | osmo-gbproxy                | Bug     | Stalled | Normal   | gbproxy2: Implement processing of BVC-Flow-Control via BVC FSM                   | daniel   | 10/25/2021 05:51 AM | Related to #4891  |
| 4692 | Core testing infrastructure | Feature | Stalled | Normal   | finally implement testing of the actual voice audio path                         | laforge  | 04/19/2021 06:27 PM |   |
| 3054 | OsmoTRX                     | Feature | Stalled | Normal   | Extended (11-bit) RACH support in OsmoTRX  | tnt      | 02/03/2019 11:45 AM | Related to #1854,Related to #3054,Related to #3054,Related to #4006 |
| 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                                   |
| 5760 | Core testing infrastructure | Feature | Stalled | Normal   | Develop TTCN-3 test suite for MME  | dexter   | 10/04/2023 01:51 PM |   |
| 6317 | pySim                       | Bug     | Stalled | Normal   | data driven tests for TLV decoders   | laforge  | 02/15/2024 09:21 PM |   |
| 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  |

| #    | Project                               | Tracker | Status   | Priority | Subject   | Assignee  | Updated             | Related issues   |
|------|---------------------------------------|---------|----------|----------|---|-----------|---------------------|--|
| 1545 | OsmoPCU                               | Feature | Stalled  | Normal   | continuous timing advance loop using PTCH   | fixeria   | 03/24/2020 09:49 PM | Related to #1545,Related to #4102,Related to #4500,Blocks #1545                      |
| 5308 | OsmoBSC                               | Bug     | Stalled  | Normal   | confusion around mgw e1 line vs trunk dichotomy                                   | dexter    | 12/13/2021 03:52 PM |  |
| 4867 | OsmoPCU                               | Bug     | Stalled  | Normal   | Cinterion BGS2T failing to attach (no Attach Complete ever sent)                  | pespin    | 11/30/2020 09:48 AM |  |
| 3735 | OsmoMSC                               | Bug     | Stalled  | Normal   | call arriving during another call has no voice                                    | neels     | 06/18/2019 09:18 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  |
| 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 |
| 5694 | OCTOI - Osmocom Community TDM over IP | Bug     | Stalled  | Normal   | BERT testing  | laforge   | 12/31/2022 08:24 PM |  |
| 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   |
| 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 |
| 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 |  |
| 2851 | OsmoMSC                               | Bug     | Stalled  | Normal   | a_iface.c:534 Unhandled SIGTRAN primitive: 3:2                                    |           | 07/18/2019 05:45 AM |  |
| 4857 | osmo-clock-gen                        | Bug     | Stalled  | Normal   | FLV9001IDBVR no longer in stock ag digikey  | mschramm  | 04/10/2021 10:22 PM |  |
| 1906 | osmo-qcdiag                           | Bug     | Feedback | Normal   | wireshark: fix decoding of (E)GPRS RLC/MAC frames                                 | Hoernchen | 02/08/2021 08:07 PM |  |
| 4797 | libosmocore                           | Bug     | Feedback | Normal   | vty: the output of 'show ns' command is confusing                                 | fixeria   | 10/23/2020 05:35 PM | Related to #4855,Related to #5085  |
| 6440 | libosmocore                           | Bug     | Feedback | Normal   | VTY: 'write file' breaks 'show startup-config'                                    |           | 04/26/2024 04:23 AM |  |
| 6181 | SIMtrace 2                            | Bug     | Feedback | Normal   | Unexpected INS code with simtrace2-sniff: 0x7f                                    | v.marinos | 10/18/2023 09:41 PM |  |

| #    | Project  | Tracker | Status   | Priority | Subject   | Assignee                      | Updated             | Related issues   |
|------|--|---------|----------|----------|---|-------------------------------|---------------------|--|
| 6426 | OsmoMSC  | Bug     | Feedback | Normal   | ttcn3-msc-test: TC_mm_id_resp_no_identity fails sporadically  | fixeria                       | 04/03/2024 06:49 PM | Related to #6426,Related to #6427  |
| 5953 | OsmoBTS  | Bug     | Feedback | Normal   | ttcn3-bts-test: TC_ms_pwr_ctrl_{constant,pf_ewma} are failing   | fixeria                       | 03/25/2024 05:19 PM |  |
| 6273 | Core testing infrastructure                    | Bug     | Feedback | Normal   | TTCN3 tests keep suffering from race conditions on shutdown   | daniel                        | 12/05/2023 03:29 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 |  |
| 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 |  |
| 5600 | SIMtrace 2                                     | Feature | Feedback | Normal   | SIMtrace2 fails to emulate EMV cards  | boggy123                      | 12/14/2022 01:07 PM |  |
| 6318 | OsmoBSC  | Bug     | Feedback | Normal   | Show lchan shows wrong number of channels for TCH   | neels                         | 12/25/2023 01:01 AM |  |
| 4602 | OsmoSGSN                                       | Bug     | Feedback | Normal   | SGSN crash with "Assert failed mm->gb.lme == NULL gprs_sgsn.c:358"  | lynxis                        | 02/26/2021 07:34 PM | Related to #4604,Related to #4605,Related to #4602   |
| 6416 | E1/T1 Hardware Interface (including icE1usb)   | Support | Feedback | Normal   | Serial debug tty port speed   | pfassberg                     | 05/01/2024 07:13 AM |  |
| 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 |  |
| 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 |  |
| 4856 | OsmoPCU  | Bug     | Feedback | Normal   | PCU is running but has no NS connection and does not retry.   | keith                         | 10/18/2021 10:02 AM |  |
| 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 |
| 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 |  |
| 4403 | IMSI Pseudonymization                          | Feature | Feedback | Normal   | OsmoHLR: How to interface with SMS service?   |                               | 04/16/2020 08:45 AM | Blocks #4477   |

| #    | Project  | Tracker | Status   | Priority | Subject  | Assignee  | Updated             | Related issues                                 |
|------|--|---------|----------|----------|--|-----------|---------------------|--|
| 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                               |
| 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 |  |
| 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 |  |
| 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              |
| 6437 | libosmocore                                    | Bug     | Feedback | Normal   | osmo_io_ops segmentation_cb missing parameter holding state                                | pespin    | 04/19/2024 10:17 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 |  |
| 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                               |
| 4845 | OsmoPCU  | Bug     | Feedback | Normal   | only send content resolution if it's needed  | lynxis    | 07/28/2023 02:45 PM |  |
| 2691 | OsmoNITB                                       | Bug     | Feedback | Normal   | Old TMSI paged after LU  |           | 05/17/2018 11:47 AM |  |
| 2237 | OsmoGSMTester                                  | Bug     | Feedback | Normal   | ofono: Gobi modem: successful SMS delivery is evaluated as not successful                  | lynxis    | 06/07/2018 02:08 PM | Related to #2237,Related to #2237,Blocks #2237 |
| 5208 | libosmocore                                    | Bug     | Feedback | Normal   | ns2: add testcase for SNS Size with invalid tlv  | lynxis    | 02/12/2023 08:37 PM |  |
| 5639 | SIMtrace 2                                     | Bug     | Feedback | Normal   | No packet captured but only "Card state change:"   | g1bbs     | 09/20/2023 01:29 PM |  |
| 5124 | Cellular Network Infrastructure                | Feature | Feedback | Normal   | network:osmocom:nightly feed with "-OO" builds   | laforge   | 05/11/2023 11:11 AM |  |
| 4968 | osmo-gbproxy                                   | Bug     | Feedback | Normal   | Multiple TTCN3 tests only expect one SGSN  | daniel    | 12/09/2021 09:17 PM | Related to #4968                               |
| 6338 | OsmocomBB                                      | Bug     | Feedback | Normal   | ms-sdr gprs startup issues   | Hoernchen | 01/24/2024 03:58 PM |  |
| 6342 | OsmocomBB                                      | Bug     | Feedback | Normal   | ms-sdr gprs performance  | Hoernchen | 02/05/2024 05:00 PM | Related to #6342                               |
| 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                               |
| 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              |
| 6162 | libosmocore                                    | Bug     | Feedback | Normal   | master build failure with clang-16   | Hoernchen | 11/18/2023 09:17 AM |  |
| 6089 | pySim  | Feature | Feedback | Normal   | log the current file / operation during execution of a script                              | laforge   | 11/27/2023 04:37 PM |  |
| 6153 | OsmoHNodeB                                     | Support | Feedback | Normal   | List of supported FemtoCell  | Kira      | 08/28/2023 02:24 PM |  |
| 5824 | osmo-e1d                                       | Bug     | Feedback | Normal   | Line dead message in the log after start   | laforge   | 12/25/2023 01:43 PM |  |

| #    | Project                                      | Tracker | Status   | Priority | Subject   | Assignee | Updated             | Related issues  |
|------|--|---------|----------|----------|---|----------|---------------------|---|
| 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  |
| 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  |
| 6422 | OsmoBSC                                      | Bug     | Feedback | Normal   | latest: BSC_Tests.TC_ctrl_location started to fail on March 15th                          | fixeria  | 04/02/2024 06:56 PM |   |
| 5490 | E1/T1 Hardware Interface (including icE1usb) | Bug     | Feedback | Normal   | ISO IN urb sometimes completes with less than full data / incomplete frame                | tnt      | 09/15/2022 12:34 PM |   |
| 6377 | erlang/osmo_ss7                              | Bug     | Feedback | Normal   | ipa: Failure decoding ipa frames split between several tcp packets                        | pespin   | 02/28/2024 03:00 PM |   |
| 5917 | libosmo-sccp + libosmo-sigtran               | Feature | Feedback | Normal   | immediately detect SCTP SHUTDOWN in SCCP link / in SCCP user / in active SCCP connections | neels    | 03/20/2023 10:23 AM |   |
| 6224 | Retronetworking                              | Feature | Feedback | Normal   | how to document the rescued EWSD  |          | 10/18/2023 04:51 PM |   |
| 3637 | OsmoBSC                                      | Bug     | Feedback | Normal   | handover decision 2: properly check available codecs                                      | neels    | 10/09/2018 09:45 AM | Related to #3637,Related to #3637                                   |
| 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                  |
| 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  |
| 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                                   |
| 5757 | OsmoDia2GSUP                                 | Feature | Feedback | Normal   | functional test suite for osmo_dia2gsup   | lynxis   | 09/06/2023 02:48 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 |
| 5503 | OsmocomBB                                    | Feature | Feedback | Normal   | expose GPRS user plane via tun device   | pespin   | 08/28/2023 10:38 PM | Related to #6115  |
| 6349 | Cellular Network Infrastructure              | Bug     | Feedback | Normal   | example configs missing in release tarballs   | fixeria  | 01/29/2024 04:04 PM |   |
| 4167 | OsmoMSC                                      | Bug     | Feedback | Normal   | Event VLR_ULA_E_ID_IMEISV not permitted   | osmith   | 09/04/2019 08:13 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                                   |

| #    | Project  | Tracker | Status      | Priority | Subject  | Assignee  | Updated             | Related issues                                     |
|------|--|---------|-------------|----------|--|-----------|---------------------|--|
| 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 |  |
| 4844 | OsmoPCU  | Bug     | Feedback    | Normal   | do not resent DL assignment on RACH  | lynxis    | 07/28/2023 02:44 PM |  |
| 5657 | OsmoDia2GSUP                                   | Bug     | Feedback    | Normal   | dia2gsup not (re-)connecting to HLR if osmo-hlr is down                                    | lynxis    | 11/11/2023 06:20 PM |  |
| 5171 | OsmocomBB                                      | Bug     | Feedback    | Normal   | ccch_scan failed   | thor123   | 06/09/2021 12:06 AM |  |
| 6217 | OsmoMSC  | Bug     | Feedback    | Normal   | Bearer Capability mismatch in MT SETUP   | neels     | 10/10/2023 10:17 PM |  |
| 1990 | OsmocomBB                                      | Bug     | Feedback    | Normal   | bb nand flash  | yangkkokk | 07/10/2017 10:22 PM |  |
| 5809 | Cellular Network Infrastructure                | Bug     | Feedback    | Normal   | applications disrespect potentially VTY-configured tcp/telnet port                         | osmith    | 10/31/2023 09:34 AM |  |
| 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 |  |
| 4727 | libosmocore                                    | Feature | Feedback    | Normal   | Add more distro/platform/archs to jenkins CI   | laforge   | 05/15/2023 09:48 AM | Is duplicate of #4789                              |
| 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 |  |
| 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 |
| 4700 | libosmocore                                    | Bug     | Feedback    | Normal   | 'socket' C test fails when there is no IPv6  | neels     | 03/24/2021 12:33 PM |  |
| 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 |  |
| 4200 | OsmoMSC  | Feature | In Progress | Normal   | Work around nano3G-S16 requiring RAB ID to be below 16                                     | efistokl  | 09/14/2019 09:48 AM |  |
| 5679 | libosmo-sccp + libosmo-sigtran                 | Feature | In Progress | Normal   | unsupported SCCP user primitive N-PCSTATE.indication                                       | neels     | 02/18/2023 01:46 AM |  |
| 4240 | OsmoMSC  | Bug     | In Progress | Normal   | test: incoming call when already Paging  |           | 11/27/2019 11:09 PM |  |
| 4431 | osmo-clock-gen                                 | Bug     | In Progress | Normal   | TC1 (TC2050) pin 4 should connect to VDD network, not VDD_3V3                              | laforge   | 07/20/2020 10:42 PM |  |
| 2501 | OsmoSGSN                                       | Bug     | In Progress | Normal   | suspected problem with unanswered neighbor solicitation                                    | osmith    | 09/11/2019 12:58 PM |  |
| 5889 | OsmoHLR  | Bug     | In Progress | Normal   | subscriber data: send out correct PDP Info   | lynxis    | 09/01/2023 04:20 PM |  |
| 6364 | osmo-ePDG - VoWifi Evolved Packet Data Gateway | Bug     | In Progress | Normal   | strongswan: gsup: remove single request limitation   | lynxis    | 02/20/2024 05:59 PM | Related to #6366                                   |
| 6370 | osmo-ePDG - VoWifi Evolved Packet Data Gateway | Bug     | In Progress | Normal   | setup ims with kamailio  | lynxis    | 03/14/2024 09:01 PM |  |

| #    | Project                         | Tracker | Status      | Priority | Subject   | Assignee  | Updated             | Related issues   |
|------|---------------------------------|---------|-------------|----------|---|-----------|---------------------|--|
| 6254 | OsmoDia2GSUP                    | Bug     | In Progress | Normal   | Reconnects of the ttcn3 aren't handled  | lynxis    | 11/11/2023 05:13 PM |  |
| 6069 | Cellular Network Infrastructure | Feature | In Progress | Normal   | port hello-stk to ant-based build like mrlnc/HelloSTK2  | dexter    | 11/02/2023 12:52 PM |  |
| 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 |
| 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   |
| 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                                   |
| 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                  |
| 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 |  |
| 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   |
| 5214 | OsmoMGW                         | Feature | In Progress | Normal   | osmo-mgw multithreading   | Hoernchen | 08/31/2021 09:20 AM |  |
| 6270 | OsmoBTS                         | Bug     | In Progress | Normal   | osmo-bts sends version report every 5s to BSC?  | dexter    | 02/19/2024 03:06 PM |  |
| 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  |
| 2238 | OsmoGSMTester                   | Bug     | In Progress | Normal   | ofono: Gobi modem: cannot receive SMS   |           | 01/08/2020 10:42 PM | Related to #2238   |
| 5180 | libosmocore                     | Bug     | In Progress | Normal   | ns2: Document NS inspection/blocking commands   | lynxis    | 06/15/2021 01:10 PM |  |
| 1954 | OsmocomBB                       | Bug     | In Progress | Normal   | Motorola C188 with Osmocombb firmwre(RAM version) can't scan out any base stations  |           | 07/10/2017 10:24 PM |  |
| 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  |
| 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   |



| #    | Project  | Tracker | Status      | Priority | Subject  | Assignee | Updated             | Related issues                    |
|------|--|---------|-------------|----------|--|----------|---------------------|-----------------------------------|
| 5900 | OsmoUPF  | Feature | In Progress | Normal   | make sure chain ids used in the tunmap nft ruleset are unused                        |          | 02/09/2023 05:34 PM |                                   |
| 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                  |
| 4922 | OsmoBSC  | Feature | In Progress | Normal   | Implement MS Power Control   | keith    | 11/04/2021 06:37 PM |                                   |
| 6258 | OsmoMSC  | Feature | In Progress | Normal   | if MT call leg does not support the assigned codec, re-assign to a compatible codec  |          | 01/12/2024 06:26 AM | Related to #6328                  |
| 5230 | OsmoHNBGW                                      | Bug     | In Progress | Normal   | hnbgw fails to connect to the sgsn   | lynxis   | 10/14/2021 07:50 AM |                                   |
| 6212 | Linux Kernel GTP-U                             | Bug     | In Progress | Normal   | GTP extension headers  | pespin   | 10/18/2023 03:03 PM | Related to #6223                  |
| 4842 | libosmcore                                     | Bug     | In Progress | Normal   | gsm0408 test fails on several architectures  | neels    | 08/23/2022 04:38 PM |                                   |
| 4520 | osmo-gbproxy                                   | Feature | In Progress | Normal   | gbproxy: Redundancy between NS-VCs (BSS Side)  | lynxis   | 02/19/2021 04:50 PM | Related to #4520                  |
| 6435 | osmo-ePDG - VoWifi Evolved Packet Data Gateway | Bug     | In Progress | Normal   | epdg: fix inter-UE traffic   | lynxis   | 04/08/2024 06:55 PM |                                   |
| 6386 | Core testing infrastructure                    | Bug     | In Progress | Normal   | eclipse-titan 9.0.0 not building in debian unstable                                  | osmith   | 03/04/2024 02:10 PM |                                   |
| 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 |                                   |
| 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 |                                   |
| 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 |                                   |
| 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 |
| 5464 | SIMtrace 2                                     | Bug     | In Progress | Normal   | cardem firmware unable to attach to card   | laforge  | 11/18/2022 06:41 PM | Related to #5464                  |
| 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                  |
| 5632 | Core testing infrastructure                    | Bug     | In Progress | Normal   | better test result summary / notifications   | lynxis   | 08/31/2022 11:58 AM |                                   |
| 5938 | Retrocomputing                                 | Feature | In Progress | Normal   | assemble "fake parallel printer"   | laforge  | 09/13/2023 09:32 AM |                                   |
| 6119 | pySim  | Bug     | In Progress | Normal   | aram_get_config runs into an exception on a sysmocomSJA2                             | laforge  | 12/05/2023 05:26 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                  |
| 5422 | SIMtrace 2                                     | Feature | In Progress | Normal   | "cardem" continuous testing setup  | laforge  | 01/27/2022 12:22 PM | Related to #5422                  |
| 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 |

| #    | Project  | Tracker | Status | Priority | Subject   | Assignee | Updated             | Related issues                    |
|------|--|---------|--------|----------|---|----------|---------------------|-----------------------------------|
| 3589 | rtl-sdr  | Bug     | New    | Normal   | Zerocopy Buffers Unusable Outside Callback Without memcpy()                   |          | 09/25/2018 12:58 PM |                                   |
| 4942 | gr-osmosdr   | Bug     | New    | Normal   | XTRX: Unable to compile due to error  | RFNOD    | 01/12/2021 08:29 PM |                                   |
| 2797 | linmodem   | Bug     | New    | Normal   | X11 support is 16bit plane only   |          | 05/07/2022 11:34 PM |                                   |
| 2995 | OsmocomBB  | Bug     | New    | Normal   | Wrong parsing of PAGING TYPE 3  |          | 02/24/2018 11:03 PM | Related to #2994                  |
| 3724 | osmo-sip-connector                                     | Bug     | New    | Normal   | Wrong media format used in SIP INVITE causes one-way audio                    |          | 12/11/2018 02:57 PM | Related to #3724,Related to #5177 |
| 4784 | OsmoMSC  | Bug     | New    | Normal   | wrong cause code (resources unavailable) in MO-to-MT call without response    | neels    | 10/08/2020 02:35 PM |                                   |
| 6438 | libosmocore  | Bug     | New    | Normal   | write_config_file() calls blocking sync()                                     |          | 04/26/2024 09:15 AM |                                   |
| 5045 | Cellular Network Infrastructure                        | Feature | New    | Normal   | write libversion "major" on build files automatically based on LIBVERSION     | pespin   | 02/24/2021 01:14 PM |                                   |
| 6218 | Retronetworking  | Feature | New    | Normal   | write article/report on EWSD rescue for IGHT / Fernmeldemuseum Dresden        | laforge  | 10/17/2023 02:11 PM |                                   |
| 4869 | OsmoPCU  | Bug     | New    | Normal   | wireshark: Support dissecting LLC frames on top of RLCMAC (E)GPRS data blocks |          | 06/26/2023 11:03 AM | Related to #5367                  |
| 5011 | Core testing infrastructure                            | Bug     | New    | Normal   | Warning about unrecognized escape sequence in Osmocom_CTRL_Types              |          | 02/05/2021 11:21 AM |                                   |
| 5029 | libosmocore  | Bug     | New    | Normal   | vty: optional cases with multiple arguments is undefined behaviour            |          | 02/18/2021 05:44 PM |                                   |
| 6380 | OsmoHNBGW  | Bug     | New    | Normal   | VTY transcript tests are broken [again]                                       |          | 02/28/2024 06:57 PM |                                   |
| 5834 | OsmoPCU  | Feature | New    | Normal   | VTY option "two-phase-access" is misleading                                   |          | 12/19/2022 06:55 PM |                                   |
| 4451 | OsmoMSC  | Bug     | New    | Normal   | vty 'show stats level': different stats levels yield identical results        |          | 03/09/2020 10:10 PM |                                   |
| 5482 | Open Source IMS Client                                 | Feature | New    | Normal   | VoWiFi client for creating [outer] IPsec tunnel to ePDG                       |          | 03/07/2022 09:33 PM | Related to #5482                  |
| 6348 | OsmocomBB  | Feature | New    | Normal   | virtphy: add Circuit Switched Data (CSD) support                              |          | 01/26/2024 10:03 PM | Related to #6348                  |
| 6392 | Osmocom Conferences (OsmoDevCon, OsmoCon, OsmoDevCall) | Feature | New    | Normal   | video recording / c3voc at OsmoDevCon 2024                                    | laforge  | 03/06/2024 12:08 PM |                                   |
| 5196 | OsmoMSC  | Bug     | New    | Normal   | Verify several "event not permitted" log lines in unit tests                  | neels    | 08/23/2022 04:08 PM |                                   |
| 3224 | OsmoSGSN   | Bug     | New    | Normal   | verify ciphering after UMTS AKA   |          | 01/08/2020 10:48 PM | Related to #3193,Related to #3224 |

| #    | Project                         | Tracker | Status | Priority | Subject   | Assignee | Updated             | Related issues                    |
|------|---------------------------------|---------|--------|----------|---|----------|---------------------|-----------------------------------|
| 4118 | SIMtrace 2                      | Bug     | New    | Normal   | VCC_PHONE strong pull on SIMtrace board   | mschramm | 02/01/2023 12:16 PM | Related to #4118,Related to #4118 |
| 2801 | linmodem                        | Feature | New    | Normal   | V.90 completion   |          | 01/01/2018 12:18 PM |                                   |
| 6441 | OsmoSGSN                        | Bug     | New    | Normal   | use-after-free on RAU with invalid Old RAI  |          | 04/22/2024 01:23 PM | Related to #6441                  |
| 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 |                                   |
| 1678 | SDR (Software Defined Radio)    | Bug     | New    | Normal   | Use -undefined dynamic_lookup when using Python and building on Mac OS X            |          | 03/30/2016 11:25 PM |                                   |
| 1518 | UmTRX                           | Feature | New    | Normal   | Upper limit of the clock is too low   |          | 02/19/2016 10:52 PM |                                   |
| 6012 | rtl-sdr                         | Bug     | New    | Normal   | Update wiki for macos build   | steve-m  | 05/01/2023 02:38 AM |                                   |
| 4632 | OsmoMSC                         | Feature | New    | Normal   | update the cell id in the VLR when receiving BSSMAP HANDOVER PERFORMED from the BSC |          | 06/24/2020 12:35 PM | Related to #4632                  |
| 4633 | OsmoMSC                         | Feature | New    | Normal   | update the Cell ID in the VLR after an inter-BSC / inter-MSC handover               |          | 06/24/2020 12:40 PM |                                   |
| 4883 | Cellular Network Infrastructure | Bug     | New    | Normal   | update OsmoNITB migration guide   | neels    | 12/01/2020 08:32 AM |                                   |
| 4749 | OsmoGGSN (former OpenGGSN)      | Bug     | New    | Normal   | Unknown/Unimplemented PCO Protocol  |          | 02/09/2022 01:26 PM |                                   |
| 3531 | OP25                            | Bug     | New    | Normal   | Unknown status of the p25 wireshark plugin  |          | 10/06/2022 05:52 AM |                                   |
| 3741 | osmo-sip-connector              | Bug     | New    | Normal   | Unknow call parameters shown in vty   |          | 12/28/2018 02:01 PM |                                   |
| 5220 | rtl-sdr                         | Bug     | New    | Normal   | Undefined reference to libusb_dev_mem_free  | steve-m  | 08/31/2021 09:21 AM |                                   |
| 3817 | SDR (Software Defined Radio)    | Bug     | New    | Normal   | Unable to use fosphor display on Ubuntu 18.10                                       |          | 02/26/2019 06:56 PM |                                   |
| 6192 | OP25                            | Bug     | New    | Normal   | Unable to host behind NGINX reverse proxy   | max      | 09/27/2023 01:56 AM |                                   |
| 2216 | gr-osmosdr                      | Bug     | New    | Normal   | uhd: LO offset doesn't seem to work properly  |          | 06/03/2018 12:08 PM |                                   |
| 4886 | OsmoSGSN                        | Bug     | New    | Normal   | UE does not connect data when moving from 2G->3G                                    |          | 12/04/2020 01:29 AM |                                   |
| 1517 | UmTRX                           | Feature | New    | Normal   | U_FL (UMC) connectors are not reliable after few connections                        |          | 02/19/2016 10:52 PM |                                   |
| 3596 | gr-osmosdr                      | Feature | New    | Normal   | TX Tags   |          | 09/25/2018 04:01 PM |                                   |
| 5814 | OsmoUPF                         | Feature | New    | Normal   | tunmap: more concisely match on GTP-U packets                                       |          | 12/06/2022 07:30 PM |                                   |
| 3505 | OsmoBSC                         | Feature | New    | Normal   | ttcn3: test inter-BSC HO with encryption enabled                                    | neels    | 08/28/2018 06:38 PM | Related to #3505                  |
| 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                  |
| 5340 | OsmoMSC                         | Bug     | New    | Normal   | ttcn3-msc-test: more memory leaks   | fixeria  | 05/15/2022 04:47 PM |                                   |
| 4033 | OsmoGGSN (former OpenGGSN)      | Feature | New    | Normal   | ttcn3-ggsn-test: Add tests to verify secondary pdp context management               |          | 05/30/2019 03:19 PM |                                   |

| #    | Project  | Tracker | Status | Priority | Subject   | Assignee | Updated             | Related issues   |
|------|--|---------|--------|----------|---|----------|---------------------|------------------|
| 5952 | OsmoBTS  | Bug     | New    | Normal   | ttcn3-bts-test: TC_ho_physical_info fails   | fixeria  | 11/15/2023 08:23 AM |                  |
| 5517 | OsmoBTS  | Bug     | New    | Normal   | ttcn3-bts-test: new sporadic test case failures   | fixeria  | 03/20/2023 11:45 PM |                  |
| 3731 | OsmoMGW  | Bug     | New    | Normal   | TTCN3 TC_rtpem_selftest randomly fails  |          | 01/08/2020 10:18 PM |                  |
| 3939 | OsmoSGSN   | Bug     | New    | Normal   | TTCN: do a GMM Attach Request when in GMM Connected and have a PDP Request                      |          | 04/24/2019 08:25 AM |                  |
| 3940 | OsmoSGSN   | Bug     | New    | Normal   | TTCN-3: lu: test UMTS Auth  |          | 04/24/2019 08:24 AM |                  |
| 4565 | OsmoHLR  | Bug     | New    | Normal   | TTCN-3 testsuite: mDNS_UDP: maximum number of open file descriptors is greater than FD_SETSIZE  | fixeria  | 06/17/2020 09:28 AM |                  |
| 3666 | OsmocomBB  | Feature | New    | Normal   | trxcon: Introduce VTY interface   | fixeria  | 02/26/2020 02:43 PM | Related to #3667 |
| 3557 | OsmocomBB  | Bug     | New    | Normal   | trxcon: decoding errors after applying a new TCH mode   | fixeria  | 06/21/2019 11:56 AM |                  |
| 2523 | OsmoMGW  | Feature | New    | Normal   | transcoding: remove "not yet implemented" from MNCC manual once transcoding is in place         | daniel   | 03/16/2018 07:54 PM |                  |
| 5633 | osmo-clock-gen   | Feature | New    | Normal   | towards a first osmo-clock-gen production batch   | laforge  | 07/26/2022 12:39 PM |                  |
| 1815 | Qualcomm Linux Modems by Quectel & Co                  | Feature | New    | Normal   | tool for building binary ipk from .list/.control  |          | 10/02/2016 05:06 AM |                  |
| 5127 | pySim  | Feature | New    | Normal   | tool for "re-formatting" [systocom] cards in tester   | laforge  | 10/14/2021 07:16 PM | Related to #5127 |
| 6295 | OsmoSGSN   | Bug     | New    | Normal   | TMSI realloc complete leads to SecurityModeReject   | osmith   | 12/07/2023 03:15 PM |                  |
| 44   | OsmoSGSN   | Bug     | New    | Normal   | TLLI clash possible   | pespin   | 02/06/2021 01:31 PM |                  |
| 4538 | OsmoBSC  | Bug     | New    | Normal   | timeslot_fsm.c: make the PDCH act/deact timeout configurable                                    |          | 05/09/2020 08:20 PM | Related to #4539 |
| 2292 | Osmocom Conferences (OsmoDevCon, OsmoCon, OsmoDevCall) | Bug     | New    | Normal   | Time with community users during OsmoCon  |          | 05/25/2017 03:03 PM |                  |
| 3243 | OsmoBSC  | Bug     | New    | Normal   | there is MGW config for each separate 'msc', but the MGW settings are stored only once globally |          | 05/07/2018 03:10 PM |                  |
| 1516 | UmTRX  | Feature | New    | Normal   | There are no port to control external equipment like PA   |          | 02/19/2016 10:52 PM |                  |
| 5985 | Cellular Network Infrastructure                        | Bug     | New    | Normal   | tests: not all Osmocom projects have @osmoappdesc.py@   |          | 03/29/2023 08:09 PM |                  |
| 2318 | OsmoGSMTester  | Feature | New    | Normal   | testing systobts: skip copying of binaries when the same are already installed                  |          | 06/07/2017 03:55 PM |                  |
| 4418 | OsmocomBB  | Feature | New    | Normal   | test-sim: support all libosmocore algorithms (comp128 v1, v2, v3; MILENAGE)                     |          | 02/26/2020 11:41 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 |                  |

| #    | Project  | Tracker | Status | Priority | Subject  | Assignee | Updated             | Related issues                    |
|------|--|---------|--------|----------|--|----------|---------------------|-----------------------------------|
| 4612 | OsmoMSC  | Support | New    | Normal   | test handover on non-voice call conn (no CC transaction present)   |          | 06/14/2020 12:21 PM |                                   |
| 6242 | Core testing infrastructure                    | Feature | New    | Normal   | Test eUPF against ttcn3-upf-test setup   |          | 12/18/2023 11:33 AM |                                   |
| 3110 | OsmoMSC  | Bug     | New    | Normal   | Test and possibly fix ID Request after Auth failure  | neels    | 09/30/2018 11:36 AM |                                   |
| 3479 | OsmoBSC  | Feature | New    | Normal   | test "every single failure" in osmo-bsc FSMs   |          | 08/20/2018 11:15 AM | Related to #3479                  |
| 5669 | Cellular Network Infrastructure                | Bug     | New    | Normal   | Test .deb packages built by our OBS  |          | 09/21/2022 01:03 PM | Related to #5669,Related to #5669 |
| 3401 | OsmocomBB                                      | Bug     | New    | Normal   | target/firmware/l1ctl: both chan_nr and link_id are not set for L1CTL_DATA_CONF  |          | 07/16/2018 11:56 PM |                                   |
| 2382 | OsmoBSC  | Bug     | New    | Normal   | T3105 not consistently communicated to all BTS models  |          | 03/05/2018 07:02 PM |                                   |
| 5279 | OsmoMGW  | Feature | New    | Normal   | systemd service / unit for multiple osmo-mgw on one machine  | osmith   | 10/25/2021 11:41 AM |                                   |
| 5310 | osmo-ccid-firmware                             | Bug     | New    | Normal   | sysmoOCTSIM does not re-enumerate after unplug/replug the USB cable when PSU is connected  |          | 11/15/2021 05:13 PM |                                   |
| 5492 | OsmoBSCNAT                                     | Bug     | New    | Normal   | Support MSC pooling  | osmith   | 04/11/2022 08:19 AM |                                   |
| 3586 | OsmoBSC  | Feature | New    | Normal   | support LCLS for inter-BSC handover  | neels    | 01/17/2019 04:18 PM | Related to #3586,Related to #3659 |
| 4717 | OsmoMSC  | Feature | New    | Normal   | support Handover with changing codec   |          | 08/18/2020 05:14 PM | Related to #4717                  |
| 5307 | Ericsson RBS 6xxx                              | Feature | New    | Normal   | Support for Multiple Sectors at an RBS site.   |          | 11/13/2021 08:20 PM |                                   |
| 3606 | OsmoSTP  | Feature | New    | Normal   | Support for multiple NI (network indicator)  |          | 10/03/2018 08:58 AM |                                   |
| 4105 | libosmocore                                    | Feature | New    | Normal   | Support for LTE key derivation functions   | laforge  | 07/13/2019 02:07 AM | Related to #4105                  |
| 4104 | libosmocore                                    | Bug     | New    | Normal   | support for KASME generation   | laforge  | 07/12/2019 10:15 AM | Related to #4105                  |
| 3607 | OsmoSTP  | Feature | New    | Normal   | Support for capability point codes   |          | 10/03/2018 08:58 AM |                                   |
| 3689 | OsmoSGSN                                       | Bug     | New    | Normal   | Support Cisco GGSN (Cisco 7200 with IOS 12.4.x)  |          | 04/09/2019 11:21 AM |                                   |
| 4163 | OsmoHLR  | Bug     | New    | Normal   | Subscriber on demand: "Error while deleting subscriber data for IMSI" after changing network access mode from cs+ps back to none | osmith   | 08/22/2019 01:41 PM |                                   |
| 38   | OsmoNITB                                       | Bug     | New    | Normal   | subscr_update should sync database before dispatching the signal   |          | 03/05/2018 07:34 PM |                                   |
| 6185 | Core testing infrastructure                    | Bug     | New    | Normal   | Submit titan.ProtocolEmulations.SCCP patch upstream  | neels    | 09/20/2023 06:22 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                  |

| #    | Project  | Tracker | Status | Priority | Subject   | Assignee      | Updated             | Related issues                                     |
|------|--|---------|--------|----------|---|---------------|---------------------|--|
| 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 |  |
| 5544 | OCTOI - Osmocom Community TDM over IP          | Bug     | New    | Normal   | Strange HDLC frames in PPP when using mISDN/pppd/capiplugin against Portmaster3     |               | 04/23/2022 01:50 PM |  |
| 1509 | UmTRX  | Feature | New    | Normal   | Store calibration values in EEPROM  | ipse          | 02/21/2016 04:47 PM |  |
| 6388 | libosmocore                                    | Feature | New    | Normal   | stats_reporter via osmo_io / io_uring?  |               | 03/02/2024 04:54 PM | Related to #6388                                   |
| 4495 | IMSI Pseudonymization                          | Feature | New    | Normal   | Specification: More references  | neels         | 05/27/2020 01:11 PM |  |
| 4489 | IMSI Pseudonymization                          | Feature | New    | Normal   | Specification: mark mandatory parts / implementation details as such                |               | 04/16/2020 08:44 AM |  |
| 4490 | IMSI Pseudonymization                          | Feature | New    | Normal   | Specification: how would IMSI-pseudo interact within a combined (2G-4G)+5G network? |               | 04/16/2020 08:44 AM |  |
| 4493 | IMSI Pseudonymization                          | Feature | New    | Normal   | Specification: Cover 2G, 3G and 4G separately                                       | neels         | 05/27/2020 01:11 PM |  |
| 4494 | IMSI Pseudonymization                          | Feature | New    | Normal   | Specification: Add bibliography   | neels         | 05/27/2020 01:11 PM |  |
| 1511 | UmTRX  | Feature | New    | Normal   | Solve Tx and Rx I/Q imbalance for wideband signals                                  |               | 02/19/2016 10:52 PM |  |
| 2414 | OsmoNITB                                       | Bug     | New    | Normal   | SMSC: deliverSM message with no user_message_reference                              |               | 08/15/2017 05:53 PM | Related to #2413,Related to #2414                  |
| 2799 | linmodem                                       | Feature | New    | Normal   | SIP client support  |               | 01/01/2020 08:05 PM |  |
| 6029 | Core testing infrastructure                    | Bug     | New    | Normal   | Single TTCN3 BSC handover test fails  |               | 10/18/2023 05:31 PM |  |
| 3815 | SIMtrace 2                                     | Bug     | New    | Normal   | simtrace2 fails USB-IF CH9 test   | Hoernchen     | 05/12/2020 07:24 PM |  |
| 5805 | SIMtrace 2                                     | Feature | New    | Normal   | SIM Trace 2 Build for Windows   | jelson_simEng | 04/02/2023 09:56 AM |  |
| 5738 | Misc Hardware Projects                         | Bug     | New    | Normal   | Sim 800L module Connectivity  |               | 11/02/2022 06:55 PM |  |
| 3964 | OsmoSGSN                                       | Bug     | New    | Normal   | SIGSEGV in sndcp_sm_deactivate_ind()  |               | 10/10/2019 07:11 PM | Related to #3964,Related to #4221,Related to #4602 |
| 2694 | OsmocomBB                                      | Bug     | New    | Normal   | SIGSEGV in lapdm code   |               | 11/30/2017 08:45 AM | Related to #2694                                   |
| 3417 | Cellular Network Infrastructure                | Bug     | New    | Normal   | show asciidoc counters does not show all the counters available                     | osmith        | 12/01/2019 09:28 AM | Related to #3417,Related to #4848                  |

| #    | Project                                      | Tracker | Status | Priority | Subject   | Assignee | Updated             | Related issues   |
|------|--|---------|--------|----------|---|----------|---------------------|------------------|
| 5291 | rtl-sdr                                      | Feature | New    | Normal   | Ship the udev rules upstream  | steve-m  | 11/05/2021 11:04 AM |                  |
| 4433 | OsmoGGSN (former OpenGGSN)                   | Feature | New    | Normal   | sgsnemu: Add support for IPv4v6 EUAs  |          | 03/04/2020 10:44 AM |                  |
| 5672 | Misc Hardware Projects                       | Bug     | New    | Normal   | sfp-experimenter / voltage swing of LVDS driver insufficient for SFP spec   |          | 09/02/2022 03:27 PM |                  |
| 4341 | BBS-Revival                                  | Feature | New    | Normal   | setup for telnet access to legacy BBS software which doesn't have telnet/tcp support                                    | laforge  | 10/03/2022 12:09 PM |                  |
| 5771 | Cellular Network Infrastructure              | Feature | New    | Normal   | series of presentations about the individual CNI network elements   |          | 11/14/2022 07:25 PM |                  |
| 4310 | osmo-sip-connector                           | Bug     | New    | Normal   | sends BYE to self   |          | 01/09/2020 09:21 AM |                  |
| 1482 | Mobile (in)Security                          | Bug     | New    | Normal   | Sending the TMSI of the old/previous network  |          | 02/21/2016 04:35 PM |                  |
| 4374 | OsmoMSC                                      | Feature | New    | Normal   | send GSUP PurgeMS Request (CN-Domain = CS) to the HLR upon IMSI-Detach  |          | 01/23/2020 03:19 AM |                  |
| 4158 | OsmoHNBGW                                    | Bug     | New    | Normal   | segfault when paging, in a situation with duplicate CID in hnb register requests  |          | 05/13/2021 12:01 PM | Related to #4162 |
| 4825 | OsmoSGSN                                     | Bug     | New    | Normal   | security command is missing sometimes   |          | 10/22/2020 02:40 AM |                  |
| 5822 | OsmocomBB                                    | Bug     | New    | Normal   | SE K2x0i: missing RF and AFC params   |          | 12/15/2022 11:36 PM |                  |
| 5831 | OsmocomBB                                    | Bug     | New    | Normal   | SE K2x0i: built-in SIM reader is not working  | steve-m  | 12/16/2022 12:03 AM |                  |
| 4925 | libosmo-sccp + libosmo-sigtran               | Bug     | New    | Normal   | SCTP multihoming / ABORT between osmo-msc and osmo-stp  |          | 01/04/2021 11:32 AM | Related to #4926 |
| 3595 | gr-osmosdr                                   | Feature | New    | Normal   | RX Tags   |          | 09/25/2018 04:01 PM |                  |
| 37   | OsmoNITB                                     | Bug     | New    | Normal   | RTP Proxy dealing with SSRC change and sequence numbers   |          | 03/05/2018 07:34 PM |                  |
| 5120 | rtl-sdr                                      | Bug     | New    | Normal   | rtlsdr_demod_write_reg failed with -9   |          | 04/18/2021 08:55 PM |                  |
| 3592 | gr-osmosdr                                   | Bug     | New    | Normal   | rtl: Race Conditions  | horiz0n  | 07/18/2019 05:35 AM |                  |
| 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 |                  |
| 6225 | rtl-sdr                                      | Bug     | New    | Normal   | rtl-sdr release tarballs missing from <a href="https://ftp.osmocom.org/releases/">https://ftp.osmocom.org/releases/</a> | osmith   | 10/19/2023 09:46 AM |                  |
| 2607 | rtl-sdr                                      | Bug     | New    | Normal   | rtl-sdr gnuradio cfile is outdated  |          | 06/03/2018 12:23 PM |                  |
| 4758 | rtl-sdr                                      | Bug     | New    | Normal   | rtl_tcp no longer works on macos 10.15 via macports   | steve-m  | 04/30/2023 11:59 AM |                  |
| 6329 | rtl-sdr                                      | Bug     | New    | Normal   | rtl_sdr does not have correct rpath set on OSX build  |          | 01/12/2024 09:57 PM |                  |
| 5922 | rtl-sdr                                      | Bug     | New    | Normal   | rtl_sdr bytes_to_read wraparound for n > 2**31  | steve-m  | 03/20/2023 10:16 AM |                  |
| 4720 | rtl-sdr                                      | Bug     | New    | Normal   | rtl_power reports invalid values  |          | 08/19/2020 02:47 PM |                  |
| 5708 | E1/T1 Hardware Interface (including icE1usb) | Bug     | New    | Normal   | rs422: Support runtime re-init of the GPS receiver  | tnt      | 10/13/2022 06:46 PM | Related to #5708 |

| #    | Project                                      | Tracker | Status | Priority | Subject   | Assignee  | Updated             | Related issues  |
|------|--|---------|--------|----------|---|-----------|---------------------|---|
| 5710 | E1/T1 Hardware Interface (including icE1usb) | Feature | New    | Normal   | rs422: Merge as much of the gateway in master as possible                     | tnt       | 10/13/2022 06:53 PM | Related to #5710  |
| 5709 | E1/T1 Hardware Interface (including icE1usb) | Feature | New    | Normal   | rs422: Merge as much of the firmware into master to avoid separate branch     | tnt       | 10/13/2022 06:49 PM | Related to #5709  |
| 4884 | OsmoBSC                                      | Bug     | New    | Normal   | RLL_REL_IND is recieved after RF_CHAN_REL                                     |           | 12/02/2020 11:51 AM |   |
| 6443 | gr-osmosdr                                   | Bug     | New    | Normal   | RF gain: erroneously using 14   | horiz0n   | 04/27/2024 06:21 PM |   |
| 1762 | libosmocore                                  | Bug     | New    | Normal   | Review LAPD code for race conditions regarding state, particularly in RELEASE | laforge   | 03/24/2021 12:37 PM | Related to #1760,Related to #1761,Related to #1982,Related to #2694 |
| 3315 | rtl-sdr                                      | Feature | New    | Normal   | review and possibly apply patches from debian package                         | steve-m   | 06/03/2018 01:17 PM |   |
| 2305 | OsmoSGSN                                     | Bug     | New    | Normal   | review 'laforge/santos' branch and check if there are pending fixes           |           | 01/08/2020 10:56 PM |   |
| 5768 | Retronetworking                              | Feature | New    | Normal   | retronetworking logo / artwork  |           | 04/07/2024 10:40 PM |   |
| 5177 | osmo-sip-connector                           | Bug     | New    | Normal   | respect dynamic RTP payload types of external SIP                             | neels     | 08/23/2022 04:26 PM | Related to #5177,Related to #5177                                   |
| 1812 | OsmoNITB                                     | Feature | New    | Normal   | Report gsm0408_dispatch() failures to MS / UE                                 |           | 01/08/2020 10:56 PM |   |
| 5716 | libosmocore                                  | Bug     | New    | Normal   | Replace dynamic (DEAD) NSE if we receive an NS_RESET from a conflicting NSVC  | lynxis    | 10/17/2022 04:40 PM |   |
| 3885 | osmo-remsim                                  | Feature | New    | Normal   | remsim-server should expose status information                                | laforge   | 04/01/2019 07:23 PM | Precedes #3885  |
| 5859 | OsmoTRX                                      | Feature | New    | Normal   | remove non-neon and non-sse support   | Hoernchen | 01/16/2023 10:17 PM |   |
| 2378 | OsmocomBB                                    | Feature | New    | Normal   | Remove copy-pasted libosmocore ("git subtree") from osmocom-bb.git            |           | 10/24/2018 02:13 PM |   |
| 3141 | OsmoTRX                                      | Bug     | New    | Normal   | Refactor / clean up TRX CTRL / DATA interfaces implementation                 |           | 04/05/2018 05:46 PM |   |
| 3884 | osmo-remsim                                  | Feature | New    | Normal   | redesign bankd thread architecture  | laforge   | 05/08/2019 03:31 PM | Related to #5527,Precedes #3885,Precedes #3886                      |
| 4080 | rtl-sdr                                      | Support | New    | Normal   | Receiving UTAs on 978 Mhz   |           | 07/02/2019 12:08 PM |   |
| 4471 | OsmocomBB                                    | Support | New    | Normal   | Received FTMT00L from phone, ramloader has aborted                            |           | 03/29/2020 11:18 AM |   |
| 6215 | Cellular Network Infrastructure              | Bug     | New    | Normal   | Rebase open5gs pcrf_simple patches and submit upstream                        | lynxis    | 10/18/2023 02:53 PM |   |



| #    | Project                               | Tracker | Status | Priority | Subject   | Assignee  | Updated             | Related issues                    |
|------|---------------------------------------|---------|--------|----------|---|-----------|---------------------|-----------------------------------|
| 4777 | osmo-ccid-firmware                    | Bug     | New    | Normal   | Reader does not answer to GET DATA RATES command                          | Hoernchen | 10/14/2020 02:36 PM |                                   |
| 4776 | osmo-ccid-firmware                    | Bug     | New    | Normal   | Reader does not answer to GET CLOCK FREQUENCIES command                   | Hoernchen | 10/03/2020 07:31 PM |                                   |
| 2390 | OsmoMSC                               | Feature | New    | Normal   | re-add osmocom specific TLVs to SMPP messages                             |           | 12/23/2017 05:48 PM |                                   |
| 2191 | OsmoMSC                               | Feature | New    | Normal   | raw PDU mode for SMPP   |           | 12/23/2017 05:48 PM |                                   |
| 3097 | OsmoBSC                               | Feature | New    | Normal   | ramping of "rxlev access min"   |           | 03/22/2018 11:51 AM | Related to #3097                  |
| 3849 | OsmoMGW                               | Bug     | New    | Normal   | race condition problem in rtp flow tests of the ttcn3 testsuite           |           | 09/04/2019 09:26 AM |                                   |
| 5008 | gr-osmosdr                            | Bug     | New    | Normal   | Quoted whitespace parsing problem in source_impl::source_impl             |           | 02/04/2021 02:16 AM |                                   |
| 4635 | libosmo-sccp + libosmo-sigtran        | Feature | New    | Normal   | quirks when initializing SS7 ASP  |           | 06/25/2020 04:46 PM | Related to #4635                  |
| 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                  |
| 5268 | pySim                                 | Feature | New    | Normal   | pySim-shell: GlobalPlatform SCP02 support                                 | laforge   | 10/14/2021 07:12 PM | Related to #5268                  |
| 5267 | pySim                                 | Feature | New    | Normal   | pySim-shell: Ability to deactivate entire applications on the card        |           | 10/14/2021 07:12 PM | Related to #5268                  |
| 5878 | pySim                                 | Bug     | New    | Normal   | pySim shell: version fails with DistributionNotFound                      | fixeria   | 10/06/2023 09:03 AM |                                   |
| 6219 | Retronetworking                       | Feature | New    | Normal   | Publish pics/videos for EWSD rescue/move                                  | laforge   | 10/17/2023 02:10 PM |                                   |
| 6319 | Osmo-CC                               | Feature | New    | Normal   | protocol version should have a defined end marker                         | neels     | 01/10/2024 01:31 PM |                                   |
| 4683 | OsmoBSC                               | Bug     | New    | Normal   | properly report OM2000 bring-up problems                                  | laforge   | 07/30/2020 06:50 AM | Related to #4683,Related to #6378 |
| 2259 | libosmo-sccp + libosmo-sigtran        | Bug     | New    | Normal   | problem with local reference  | laforge   | 07/19/2017 04:25 PM |                                   |
| 5443 | OCTOI - Osmocom Community TDM over IP | Feature | New    | Normal   | possibility to transmit frames from multiple lines in one packet          |           | 02/06/2022 08:15 AM |                                   |
| 4596 | OsmocomTETRA                          | Feature | New    | Normal   | Port to GR3.8   |           | 01/08/2021 05:23 PM |                                   |
| 6032 | rtl-sdr                               | Bug     | New    | Normal   | Poor APRS demodulation using RTL_FM on RaspberryPI or on old PC           |           | 05/15/2023 12:14 PM |                                   |
| 5460 | gr-osmosdr                            | Bug     | New    | Normal   | Please use double for ppm with fcdp/pp                                    |           | 02/17/2022 10:43 PM |                                   |
| 5445 | gr-osmosdr                            | Bug     | New    | Normal   | Please switch to the gr-funcube   |           | 02/15/2022 11:56 PM |                                   |
| 5031 | OsmoSDR                               | Bug     | New    | Normal   | Please switch to gr-funcube   |           | 06/17/2021 09:23 AM |                                   |
| 4513 | rtl-sdr                               | Bug     | New    | Normal   | PKG information broken  |           | 04/26/2020 03:21 PM |                                   |
| 48   | OsmoNITB                              | Bug     | New    | Normal   | Periodic timer and paging   |           | 03/05/2018 07:34 PM |                                   |
| 1554 | OsmoPCU                               | Feature | New    | Normal   | per-MS BSSGP flow control   |           | 02/23/2016 03:12 PM | Related to #1554                  |

| #    | Project       | Tracker | Status | Priority | Subject  | Assignee | Updated             | Related issues |
|------|---------------|---------|--------|----------|--|----------|---------------------|----------------|
| 6150 | OsmoPCU       | Feature | New    | Normal   | PCUIF: Use unique identifiers instead of the TLLI as msg_id.       | dexter   | 10/24/2023 03:15 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 |                |
| 4767 | OsmoBSC       | Bug     | New    | Normal   | pcu interface: add suspend request support                         |          | 09/29/2020 04:40 PM |                |
| 4768 | OsmoBSC       | Bug     | New    | Normal   | pcu interface: add missing field ts, trx on rach indication        | lynxis   | 09/30/2020 08:10 PM |                |
| 4766 | OsmoBSC       | Bug     | New    | Normal   | pcu interface: add app info request                                |          | 09/26/2020 10:21 PM |                |
| 6367 | pySim         | Feature | New    | Normal   | PC/SC <-> Android OMAPI bridge for pySim and others                |          | 02/17/2024 01:34 PM |                |
| 5986 | OsmoBSC       | Bug     | New    | Normal   | PAGING impossible until CCCH LOAD IND is received from the BTS     | keith    | 03/31/2023 09:13 AM |                |
| 4834 | OsmocomBB     | Bug     | New    | Normal   | package cp210x-program as part of network:osmocom:{nightly,latest} | osmith   | 10/26/2020 06:01 PM |                |
| 2379 | OsmocomBB     | Feature | New    | Normal   | package as .deb  |          | 02/27/2020 02:39 PM |                |
| 2439 | libosmo-netif | Bug     | New    | Normal   | Osmux: overwrite duplicated RTP packets instead of dropping them   |          | 12/01/2019 10:11 AM | Blocks #2439   |

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