

## 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 |   |
| 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 |
| 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  |
| 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  |
| 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 |   |
| 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     |
| 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  |
| 1483 | Mobile (in)Security                            | Bug     | New         | High      | USSD state is not reset when switching cells                                |           | 02/21/2016 04:34 PM |   |
| 5880 | OsmoSGSN                                       | Bug     | In Progress | High      | User Manual sections 11.1.1-2 document non-existing (removed?) VTY commands | lynxis    | 03/28/2023 02:45 PM |   |
| 2171 | OP25   | Feature | New         | High      | Use libfft3 for IFFT/FFT functions.   |           | 04/22/2017 04:14 PM |   |
| 4916 | osmo-e1d                                       | Bug     | Stalled     | High      | USB unplug / replug renders e1d unusable                                    | laforge   | 12/04/2023 12:34 PM | Related to #5983  |
| 1474 | SDR (Software Defined Radio)                   | Bug     | New         | High      | USB Claim Interface Error   | steve-m   | 02/20/2016 08:23 PM |   |

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|------|---------------------------------|---------|-------------|----------|---|----------|---------------------|--|
| 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 |  |
| 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 |  |
| 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   |
| 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   |
| 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  |
| 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 |  |
| 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 |  |
| 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   |
| 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 |
| 3717 | OsmoHLR                         | Bug     | Stalled     | High     | SS/USSD: fix SS session inactivity timeout  | fixeria  | 12/05/2018 08:45 PM |  |
| 5392 | OsmocomDECT                     | Bug     | New         | High     | Sliding collision errors  |          | 01/09/2022 12:44 PM |  |
| 5921 | SIMtrace 2                      | Bug     | In Progress | High     | simtrace2 cardem vs. Linux kernel USB autosuspend   | laforge  | 09/16/2023 10:47 PM | Related to #5921   |
| 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  |

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|------|--|---------|-------------|----------|--|-----------|---------------------|--|
| 3977 | OsmoCBC  | Feature | New         | High     | SABP stream delineation routines   | laforge   | 09/23/2019 04:49 AM | Related to #3979,Related to #4944                  |
| 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 |  |
| 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                  |
| 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 |  |
| 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                                   |
| 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                      |
| 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     |
| 6091 | osmo-ePDG - VoWifi Evolved Packet Data Gateway         | Bug     | Feedback    | High     | osmo-epdg: Implement CEAI interface (GSUP) ePDG <> strongswan  | lynxis    | 03/14/2024 04:36 PM |  |
| 6290 | Osmocom Conferences (OsmoDevCon, OsmoCon, OsmoDevCall) | Feature | In Progress | High     | Organize OsmoDevCon 2024   | laforge   | 03/06/2024 12:06 PM |  |
| 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 |  |

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|------|------------------------|---------|-------------|----------|--|-----------|---------------------|-----------------------------------|
| 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 |                                   |
| 5349 | OsmoSGSN               | Bug     | In Progress | High     | Message for non-existing SNDCCP Entity   |           | 07/17/2023 04:42 PM |                                   |
| 4830 | OsmoMSC                | Bug     | In Progress | High     | LU reject when no authentication data in HLR but "authentication optional"                                 | neels     | 10/10/2022 02:03 PM |                                   |
| 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 |                                   |
| 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 |
| 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 |                                   |
| 4383 | pySim                  | Bug     | Stalled     | High     | Jenkins build verification is non-deterministic  | dexter    | 04/06/2021 04:58 PM | Related to #4384,Related to #5127 |
| 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 |
| 5731 | gr-osmosdr             | Bug     | New         | High     | Install gr-osmosdr on Ubuntu 20.04   |           | 10/27/2022 01:39 PM |                                   |
| 1461 | OsmocomBB              | Feature | Stalled     | High     | include some version information / negotiation in the L1CTL protocol                                       | fixeria   | 10/27/2021 10:17 PM | Related to #1461,Related to #5815 |
| 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 |                                   |

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| 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 |   |
| 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  |
| 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  |
| 4781 | osmo-qcdiag                     | Bug     | New     | High     | get hoernchen/gsmtap branch merged  | Hoernchen | 10/06/2020 03:18 PM |   |
| 4522 | osmo-gbproxy                    | Feature | Stalled | High     | gbproxy: Redundancy within proxy pair   | daniel    | 07/09/2021 06:43 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 |   |
| 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 |   |
| 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 |   |
| 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  |
| 2158 | OP25                            | Feature | New     | High     | Create a shared library for decoding for WireShark and the decoder.             |           | 04/22/2017 04:16 PM |   |

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| 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 |  |
| 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 |
| 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 |  |
| 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 |  |
| 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 |
| 5516 | OsmoTRX             | Feature | In Progress | High     | BladeRF 2.0 Support  | Hoernchen | 02/14/2023 02:59 PM | Is duplicate of #2430                              |
| 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 |  |
| 2409 | OsmocomBB           | Feature | Stalled     | High     | Add GPRS support to virt_phy and L1CTL   | fixeria   | 08/19/2022 03:06 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/utlis.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 |  |
| 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 |  |

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|------|--|---------|-------------|----------|---|-----------|---------------------|--|
| 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 |  |
| 4200 | OsmoMSC  | Feature | In Progress | Normal   | Work around nano3G-S16 requiring RAB ID to be below 16                        | efistokl  | 09/14/2019 09:48 AM |  |
| 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                               |
| 1906 | osmo-qcdiag  | Bug     | Feedback    | Normal   | wireshark: fix decoding of (E)GPRS RLC/MAC frames                             | Hoernchen | 02/08/2021 08:07 PM |  |
| 5011 | Core testing infrastructure                            | Bug     | New         | Normal   | Warning about unrecognized escape sequence in Osmocom_CTRL_Types              |           | 02/05/2021 11:21 AM |  |
| 4797 | libosmocore  | Bug     | Feedback    | Normal   | vtv: the output of 'show ns' command is confusing                             | fixeria   | 10/23/2020 05:35 PM | Related to #4855,Related to #5085              |
| 5029 | libosmocore  | Bug     | New         | Normal   | vtv: optional cases with multiple arguments is undefined behaviour            |           | 02/18/2021 05:44 PM |  |
| 6440 | libosmocore  | Bug     | Feedback    | Normal   | VTY: 'write file' breaks 'show startup-config'                                |           | 04/26/2024 04:23 AM |  |
| 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   | vtv '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              |
| 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              |
| 4941 | OsmoBTS  | Feature | Stalled     | Normal   | VAMOS support in OsmoBTS  | fixeria   | 03/18/2022 01:19 AM | Related to #4941,Related to #4941,Blocks #4941 |

| #    | Project                         | Tracker | Status      | Priority | Subject   | Assignee  | Updated             | Related issues   |
|------|---------------------------------|---------|-------------|----------|---|-----------|---------------------|------------------|
| 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 |                  |
| 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 |                  |
| 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 |                  |
| 5679 | libosmo-sccp + libosmo-sigtran  | Feature | In Progress | Normal   | unsupported SCCP user primitive N-PCSTATE.indication                                | neels     | 02/18/2023 01:46 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 |                  |
| 6181 | SIMtrace 2                      | Bug     | Feedback    | Normal   | Unexpected INS code with simtrace2-sniff: 0x7f                                      | v.marinos | 10/18/2023 09:41 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   | ttn3: test inter-BSC HO with encryption enabled                                     | neels     | 08/28/2018 06:38 PM | Related to #3505 |
| 6411 | Cellular Network Infrastructure | Bug     | Stalled     | Normal   | ttn3: execute testsuites with a more realistic link performance                     |           | 04/03/2024 06:25 PM |                  |



| #    | Project                         | Tracker | Status   | Priority | Subject  | Assignee | Updated             | Related issues   |
|------|---------------------------------|---------|----------|----------|--|----------|---------------------|--|
| 6427 | OsmoMSC                         | Bug     | New      | Normal   | ttn3-msc-test: TC_mo_ussd_for_unknown_trans fails sporadically                                 |          | 04/02/2024 03:01 PM | Related to #6427   |
| 6426 | OsmoMSC                         | Bug     | Feedback | Normal   | ttn3-msc-test: TC_mm_id_resp_no_identity fails sporadically                                    | fixeria  | 04/03/2024 06:49 PM | Related to #6426,Related to #6427  |
| 5340 | OsmoMSC                         | Bug     | New      | Normal   | ttn3-msc-test: more memory leaks   | fixeria  | 05/15/2022 04:47 PM |  |
| 4033 | OsmoGGSN (former OpenGGSN)      | Feature | New      | Normal   | ttn3-ggsn-test: Add tests to verify secondary pdp context management                           |          | 05/30/2019 03:19 PM |  |
| 5953 | OsmoBTS                         | Bug     | Feedback | Normal   | ttn3-bts-test: TC_ms_pwr_ctrl_{constant,pf_ewma} are failing                                   | fixeria  | 03/25/2024 05:19 PM |  |
| 5952 | OsmoBTS                         | Bug     | New      | Normal   | ttn3-bts-test: TC_ho_physical_info fails   | fixeria  | 11/15/2023 08:23 AM |  |
| 5517 | OsmoBTS                         | Bug     | New      | Normal   | ttn3-bts-test: new sporadic test case failures   | fixeria  | 03/20/2023 11:45 PM |  |
| 6273 | Core testing infrastructure     | Bug     | Feedback | Normal   | TTCN3 tests keep suffering from race conditions on shutdown                                    | daniel   | 12/05/2023 03:29 PM |  |
| 3731 | OsmoMGW                         | Bug     | New      | Normal   | TTCN3 TC_rtpem_selftest randomly fails   |          | 01/08/2020 10:18 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   |
| 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 |  |
| 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 |
| 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 |  |
| 3424 | OsmocomBB SDR PHY               | Feature | Stalled  | Normal   | Transceiver: implement automatic TX delay measurement  |          | 07/09/2023 07:46 PM |  |
| 5633 | osmo-clock-gen                  | Feature | New      | Normal   | towards a first osmo-clock-gen production batch  | laforge  | 07/26/2022 12:39 PM |  |

| #    | Project  | Tracker | Status      | Priority | Subject   | Assignee | Updated             | Related issues                    |
|------|--|---------|-------------|----------|---|----------|---------------------|-----------------------------------|
| 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" [sysmocom] 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 sysmobts: skip copying of binaries when the same are already installed                  |          | 06/07/2017 03:55 PM |                                   |
| 4240 | OsmoMSC  | Bug     | In Progress | Normal   | test: incoming call when already Paging   |          | 11/27/2019 11:09 PM |                                   |
| 4418 | OsmocomBB  | Feature | New         | Normal   | test-sim: support all libosmocore algorithms (comp128 v1, v2, v3; MILENAGE)                     |          | 02/26/2020 11:41 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 |                                   |
| 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 |                                   |
| 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 |
| 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 |                                   |
| 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 |                                   |

| #    | Project                     | Tracker | Status      | Priority | Subject  | Assignee | Updated             | Related issues   |
|------|-----------------------------|---------|-------------|----------|--|----------|---------------------|--|
| 4534 | Ericsson RBS 6xxx           | Support | Stalled     | Normal   | Take pictures of RBS6k gear for documentation  | roh      | 05/20/2020 03:19 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 |  |
| 2501 | OsmoSGSN                    | Bug     | In Progress | Normal   | suspected problem with unanswered neighbor solicitation  | osmith   | 09/11/2019 12:58 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 |
| 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   |
| 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   |
| 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 |  |
| 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   |
| 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 |  |
| 5889 | OsmoHLR                     | Bug     | In Progress | Normal   | subscriber data: send out correct PDP Info   | lynxis   | 09/01/2023 04:20 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 |  |

| #    | Project  | Tracker | Status      | Priority | Subject   | Assignee | Updated             | Related issues                    |
|------|--|---------|-------------|----------|---|----------|---------------------|-----------------------------------|
| 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 |                                   |
| 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                  |
| 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                  |
| 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 |                                   |
| 3812 | libosmo-netif                                  | Bug     | Stalled     | Normal   | stream_test fails depending on where it is run  |          | 03/13/2019 04:15 PM |                                   |
| 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                  |
| 3445 | OsmoMSC  | Feature | Stalled     | Normal   | SS/USSD: clean up the local GSM 04.80 API   |          | 12/14/2018 01:57 PM |                                   |
| 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 |                                   |
| 3569 | OsmoBTS  | Bug     | Stalled     | Normal   | Some phones don't receive SMSCB   | laforge  | 01/14/2019 03:32 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 |
| 1587 | OsmoSGSN                                       | Feature | Stalled     | Normal   | SMS over GPRS support   |          | 11/25/2018 08:14 PM | Related to #3587                  |
| 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 |                                   |

| #    | Project  | Tracker | Status      | Priority | Subject   | Assignee      | Updated             | Related issues                                     |
|------|--|---------|-------------|----------|---|---------------|---------------------|--|
| 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 |  |
| 3815 | SIMtrace 2                                     | Bug     | New         | Normal   | simtrace2 fails USB-IF CH9 test   | Hoernchen     | 05/12/2020 07:24 PM |  |
| 5600 | SIMtrace 2                                     | Feature | Feedback    | Normal   | SIMtrace2 fails to emulate EMV cards  | boggy123      | 12/14/2022 01:07 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                                   |
| 6318 | OsmoBSC  | Bug     | Feedback    | Normal   | Show lchan shows wrong number of channels for TCH   | neels         | 12/25/2023 01:01 AM |  |
| 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                  |
| 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 |  |
| 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 |
| 5672 | Misc Hardware Projects                         | Bug     | New         | Normal   | sfp-experimenter / voltage swing of LVDS driver insufficient for SFP spec                     |               | 09/02/2022 03:27 PM |  |
| 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 |  |
| 6370 | osmo-ePDG - VoWifi Evolved Packet Data Gateway | Bug     | In Progress | Normal   | setup ims with kamilio  | lynxis        | 03/14/2024 09:01 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 |  |
| 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                                   |
| 5771 | Cellular Network Infrastructure                | Feature | New         | Normal   | series of presentations about the individual CNl network elements                             |               | 11/14/2022 07:25 PM |  |
| 6416 | E1/T1 Hardware Interface (including icE1usb)   | Support | Feedback    | Normal   | Serial debug tty port speed   | pfassberg     | 05/01/2024 07:13 AM |  |
| 4310 | osmo-sip-connector                             | Bug     | New         | Normal   | sends BYE to self   |               | 01/09/2020 09:21 AM |  |

| #    | Project                         | Tracker | Status   | Priority | Subject   | Assignee                      | Updated             | Related issues   |
|------|---------------------------------|---------|----------|----------|---|-------------------------------|---------------------|--|
| 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 |  |
| 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 |  |
| 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   |
| 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   |
| 3595 | gr-osmosdr                      | Feature | New      | Normal   | RX Tags   |                               | 09/25/2018 04:01 PM |  |
| 5301 | Core testing infrastructure     | Bug     | Stalled  | Normal   | Run TTCN3 docker tests with sanitizer enabled   | osmith                        | 03/20/2024 09:28 AM | Related to #5302   |
| 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 reelase 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 gnruradio 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 |  |

| #    | Project  | Tracker | Status   | Priority | Subject   | Assignee  | Updated             | Related issues  |
|------|--|---------|----------|----------|---|-----------|---------------------|---|
| 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  |
| 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 |   |
| 5696 | OsmoPCU  | Bug     | Stalled  | Normal   | RLC/MAC: poll timeout when assigning a multi-slot DL TBF                      | fixeria   | 10/05/2022 11:01 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                                   |
| 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                                   |
| 1812 | OsmoNITB                                       | Feature | New      | Normal   | Report gsm0408_dispatch() failures to MS / UE                                 |           | 01/08/2020 10:56 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 |   |
| 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 |   |

| #    | Project                         | Tracker | Status      | Priority | Subject   | Assignee  | Updated             | Related issues                                 |
|------|---------------------------------|---------|-------------|----------|---|-----------|---------------------|--|
| 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 |
| 6254 | OsmoDia2GSUP                    | Bug     | In Progress | Normal   | Reconnects of the ttcn3 aren't handled  | lynxis    | 11/11/2023 05:13 PM |  |
| 4080 | rtl-sdr                         | Support | New         | Normal   | Receiving UTAs on 978 Mhz   |           | 07/02/2019 12:08 PM |  |
| 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 |  |
| 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 prf_simple patches and submit upstream                         | lynxis    | 10/18/2023 02:53 PM |  |
| 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 |  |
| 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 |  |
| 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                               |
| 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 |  |
| 5268 | pySim                           | Feature | New         | Normal   | pySim-shell: GlobalPlatform SCP02 support                                     | laforge   | 10/14/2021 07:12 PM | Related to #5268                               |



| #    | Project                               | Tracker | Status      | Priority | Subject  | Assignee | Updated             | Related issues                         |
|------|---------------------------------------|---------|-------------|----------|--|----------|---------------------|--|
| 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      |
| 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 |
| 2259 | libosmo-sccp + libosmo-sigtran        | Bug     | New         | Normal   | problem with local reference   | laforge  | 07/19/2017 04:25 PM |  |
| 3566 | Misc Hardware Projects                | Feature | Stalled     | Normal   | power supply / battery / charge for our GSM-R OPS 940                                  | laforge  | 04/02/2023 09:05 AM |  |
| 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 |  |
| 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 |  |
| 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                       |
| 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 |  |
| 4856 | OsmoPCU                               | Bug     | Feedback    | Normal   | PCU is running but has no NS connection and does not retry.                            | keith    | 10/18/2021 10:02 AM |  |
| 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 |  |

| #    | Project                         | Tracker | Status      | Priority | Subject   | Assignee | Updated             | Related issues   |
|------|---------------------------------|---------|-------------|----------|---|----------|---------------------|--|
| 4766 | OsmoBSC                         | Bug     | New         | Normal   | pcu interface: add app info request   |          | 09/26/2020 10:21 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                                   |
| 6367 | pySim                           | Feature | New         | Normal   | PC/SC <-> Android OMAPI bridge for pySim and others   |          | 02/17/2024 01:34 PM |  |
| 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   |
| 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 |  |
| 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 |
| 2439 | libosmo-netif                   | Bug     | New         | Normal   | Osmux: overwrite duplicated RTP packets instead of dropping them                                |          | 12/01/2019 10:11 AM | Blocks #2439   |
| 4091 | Cellular Network Infrastructure | Feature | New         | Normal   | Osmux: Make sure all handover types work fine if a call leg is using Osmux between BSC and MSC. | pespin   | 06/08/2020 07:08 PM |  |
| 2440 | libosmo-netif                   | Bug     | New         | Normal   | Osmux: Improve lost packet recreation mechanism   |          | 12/01/2019 10:11 AM | Blocks #2439   |
| 4092 | OsmoMGW                         | Feature | New         | Normal   | Osmux: Support dynamic allocation of osmux sockets  | pespin   | 08/10/2022 07:50 AM | Related to #4092   |
| 3061 | OsmoTRX                         | Bug     | New         | Normal   | OsmoTRX ARM chroot build jobs failing due to proot bug  | pespin   | 12/02/2019 04:54 PM | Related to #3766,Related to #4301  |
| 5154 | OsmoSGSN                        | Bug     | New         | Normal   | OsmoSGSN doesn't trigger 3G paging if downlink GTP traffic arrives after long break             |          | 05/13/2021 12:28 PM | Related to #5154   |
| 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   |
| 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  |

| #    | Project  | Tracker | Status   | Priority | Subject   | Assignee   | Updated             | Related issues                    |
|------|--|---------|----------|----------|---|------------|---------------------|-----------------------------------|
| 2960 | OsmoSGSN   | Bug     | New      | Normal   | OsmoSGSN confirms PDP CTX ACT to MS/Gb despite missing conditional IEs on GTP         |            | 01/08/2020 10:48 PM |                                   |
| 2951 | OsmoSGSN   | Bug     | Feedback | Normal   | OsmoSGSN Accepts two MO L3 Messages with N(U) set to zero                             | osmith     | 09/11/2019 12:24 PM |                                   |
| 2788 | OsmoMSC  | Feature | New      | Normal   | OsmoMSC should handle CM Service Abort message  | neels      | 01/04/2018 10:37 AM |                                   |
| 2877 | OsmoMSC  | Bug     | New      | Normal   | OsmoMSC fails on bearer capability without octet 3a                                   | osmith     | 07/18/2019 05:45 AM |                                   |
| 2895 | OsmoMSC  | Bug     | New      | Normal   | OsmoMSC excessively uses LU Reject Cause 22 (congestion)                              | osmith     | 07/18/2019 05:41 AM |                                   |
| 2928 | OsmoMSC  | Bug     | New      | Normal   | OsmoMSC doesn't do BSSMAP ASSIGNMENT if no MNCC_RTP_CREATE is received                |            | 02/11/2018 05:38 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 |                                   |
| 4476 | IMSI Pseudonymization                                  | Feature | Stalled  | Normal   | OsmoHLR: support IMSI pseudo in location update                                       | neels      | 05/27/2020 01:11 PM | Blocks #4477                      |
| 4477 | IMSI Pseudonymization                                  | Feature | New      | Normal   | OsmoHLR: send next pseudo IMSI via SMS  |            | 04/16/2020 08:45 AM | Blocks #4477,Blocks #4477         |
| 4403 | IMSI Pseudonymization                                  | Feature | Feedback | Normal   | OsmoHLR: How to interface with SMS service?   |            | 04/16/2020 08:45 AM | Blocks #4477                      |
| 5773 | OsmoGGSN (former OpenGGSN)                             | Bug     | New      | Normal   | OsmoGGSN sends Direct Tunnel packets to the wrong IP address                          |            | 11/17/2022 04:17 AM |                                   |
| 4172 | OsmoGGSN (former OpenGGSN)                             | Bug     | New      | Normal   | osmoggsn crashes when stopping  |            | 08/29/2019 11:35 AM |                                   |
| 6106 | OsmoGGSN (former OpenGGSN)                             | Bug     | New      | Normal   | OsmoGGSN attempts to use the same GTP-U socket for all APNs with gtpu-mode kernel-gtp |            | 02/21/2024 10:31 AM | Related to #6106,Related to #6106 |
| 3200 | Osmocom Conferences (OsmoDevCon, OsmoCon, OsmoDevCall) | Bug     | New      | Normal   | OsmoDevCon: Use loudspeakers even at IN-Berlin  |            | 04/23/2018 06:53 PM |                                   |
| 3201 | Osmocom Conferences (OsmoDevCon, OsmoCon, OsmoDevCall) | Bug     | New      | Normal   | OsmoDevCon: Add one more rectangular table  |            | 04/23/2018 07:00 PM |                                   |
| 2764 | SDR (Software Defined Radio)                           | Support | New      | Normal   | osmocom_fft & siggen can't access the X display                                       |            | 12/15/2017 06:09 PM |                                   |
| 6188 | Cellular Network Infrastructure                        | Bug     | New      | Normal   | Osmocom manuals have "draft" in debian packages of released versions                  | osmith     | 09/21/2023 04:37 PM |                                   |
| 3847 | Miscellaneous Projects                                 | Feature | New      | Normal   | Osmocom logo with/for black background  | tsaitgaist | 12/10/2019 11:53 AM |                                   |

| #    | Project    | Tracker | Status      | Priority | Subject   | Assignee  | Updated             | Related issues   |
|------|------------|---------|-------------|----------|---|-----------|---------------------|--|
| 5641 | OsmoCBC    | Feature | New         | Normal   | OsmoCBC doesn't yet support reloading cells becoming operational with active messages   |           | 08/05/2022 05:10 PM |  |
| 4827 | OsmoBTS    | Bug     | New         | Normal   | OsmoBTS VTY is lacking various vital information  |           | 10/23/2020 07:14 PM |  |
| 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 |
| 3792 | OsmoBTS    | Bug     | New         | Normal   | OsmoBTS doesn't include the "Starting Time" attribute in "Set BTS Attributes ACK"       | osmith    | 07/18/2019 06:05 AM |  |
| 4124 | OsmoBSCNAT | Feature | New         | Normal   | OsmoBSCNAT : Write user manual  |           | 01/08/2020 10:56 PM | Related to #4124   |
| 3020 | OsmoBSC    | Bug     | New         | Normal   | OsmoBSC PCU socket interface not yet tested by BSC_Tests.ttcn                           | laforge   | 05/21/2019 06:29 PM |  |
| 4537 | OsmoBSC    | Feature | In Progress | Normal   | OsmoBSC needs strategies to recover broken Ichan (Ichan state BORKEN)                   |           | 11/20/2023 05:03 PM | Related to #4537,Related to #4540,Related to #4541,Related to #5106  |
| 3000 | OsmoBSC    | Bug     | New         | Normal   | OsmoBSC issues "RSL Connect" command too early -> race conditions                       |           | 02/25/2018 12:32 PM | Related to #2470,Related to #4179  |
| 4553 | OsmoBSC    | Bug     | New         | Normal   | OsmoBSC doesn't handle RESET IP RESOURCE BSSMAP message                                 |           | 05/16/2020 07:44 PM |  |
| 3806 | OsmoBSC    | Bug     | Stalled     | Normal   | OsmoBSC accepts BSSAP with wrong length field   |           | 08/28/2020 08:15 PM | Related to #3806   |
| 4469 | OsmoTRX    | Bug     | New         | Normal   | osmo-trx-uhd is sending UDP packets to port 49600 at various addresses on startup       | laforge   | 06/13/2020 06:07 PM |  |
| 4362 | OsmoTRX    | Feature | Stalled     | Normal   | osmo-trx-lms: Support multi-arfcn feature   |           | 09/30/2020 08:09 PM | Related to #4362,Related to #4362  |
| 3981 | OsmoTRX    | Bug     | New         | Normal   | osmo-trx-lms: Overruns appear from time to time   |           | 09/30/2020 08:08 PM | Related to #3981   |
| 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  |
| 3949 | OsmoTRX    | Bug     | New         | Normal   | osmo-trx-lms: improve runtime gain setting (missing calibration)                        |           | 09/30/2020 08:08 PM | Related to #4468   |
| 3067 | OsmoTRX    | Bug     | New         | Normal   | osmo-trx usrp b100 time out and packet loss between host and device                     | ttsou     | 03/15/2018 06:36 PM |  |
| 6418 | pySim      | Bug     | New         | Normal   | osmo-smdpp docs   |           | 03/25/2024 05:54 PM |  |

| #    | Project                     | Tracker | Status      | Priority | Subject  | Assignee | Updated             | Related issues   |
|------|-----------------------------|---------|-------------|----------|--|----------|---------------------|------------------|
| 1685 | osmo-sip-connector          | Feature | In Progress | Normal   | osmo-sip-connector: Review and define log statements and which info to include   | osmith   | 09/04/2019 09:31 AM |                  |
| 1686 | osmo-sip-connector          | Feature | New         | Normal   | osmo-sip-connector: Implement call holding on SIP  |          | 10/20/2020 08:36 AM |                  |
| 5853 | OsmoSGSN                    | Feature | New         | Normal   | osmo-sgsn: Rework to use libosmo-gprs  |          | 01/11/2023 03:14 PM |                  |
| 5852 | OsmoSGSN                    | Bug     | New         | Normal   | osmo-sgsn: Keep TLLI<->NSEI+BVCI relation knowledge in BSSGP layer   |          | 01/11/2023 03:08 PM |                  |
| 3403 | OsmoSGSN                    | Bug     | New         | Normal   | osmo-sgsn doesn not connect properly with via SCCP when restarted  | lynxis   | 02/07/2021 12:57 PM | Related to #3403 |
| 1899 | osmo-qcdiag                 | Bug     | New         | Normal   | osmo-qcdiag: DIAG based pcap tracing (DPL) not working   |          | 01/11/2017 12:15 PM |                  |
| 1900 | osmo-qcdiag                 | Feature | New         | Normal   | osmo-qcdiag: Add FUSE based access for EFS   |          | 01/11/2017 12:15 PM |                  |
| 1901 | osmo-qcdiag                 | Feature | New         | Normal   | osmo-qcdiag: Ability to read/write NV data   |          | 01/11/2017 12:15 PM |                  |
| 1907 | osmo-qcdiag                 | Bug     | New         | Normal   | osmo-qcdiag detects CRC errors relatively often  |          | 01/23/2017 01:47 AM |                  |
| 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 |
| 5300 | OsmoPCU                     | Bug     | New         | Normal   | osmo-pcu: SUSPEND-NACK not implemented   |          | 03/31/2022 02:59 PM |                  |
| 5309 | OsmoPCU                     | Bug     | New         | Normal   | osmo-pcu: Support rejecting multiple TBFs upon tx of Packet Access Reject  | pespin   | 11/15/2021 06:29 PM |                  |
| 5827 | OsmoPCU                     | Feature | New         | Normal   | osmo-pcu: Hardcoded limit of maximum number of 8 TRX per BTS   | pespin   | 12/16/2022 11:55 AM |                  |
| 4947 | OsmoPCU                     | Bug     | Stalled     | Normal   | osmo-pcu: Handling for Pkt Resource Req using Global TFI not implemented   | pespin   | 12/22/2022 01:04 PM |                  |
| 4966 | OsmoPCU                     | Bug     | New         | Normal   | osmo-pcu: gprs+egprs multiplex: Allow selecting original 8-PSK dl block during retransmission for GSMK-required DL block |          | 01/26/2021 01:07 PM | Related to #4966 |
| 4967 | OsmoPCU                     | Feature | New         | Normal   | osmo-pcu: Avoid sending new DL EGPRS blocks to MS announcing MS_OUT_OF_MEMORY  |          | 01/21/2021 02:26 PM |                  |
| 5227 | OsmoPCU                     | Bug     | New         | Normal   | osmo-pcu: Attempt recovery of TBF when one of its assigned PDCH TS becomes disabled                                      | pespin   | 10/18/2021 10:12 AM |                  |
| 6118 | OsmoPCU                     | Bug     | New         | Normal   | osmo-pcu assigns multi-slot TBFs over PACCH to MS with unknwon ms_class  | pespin   | 09/22/2023 02:33 PM |                  |
| 6015 | OsmoPCU                     | Bug     | New         | Normal   | osmo-pcu (with ericsson RBS) is unable to keep TRAU frames in sync   | dexter   | 12/23/2023 01:12 AM |                  |
| 54   | OsmoNITB                    | Bug     | New         | Normal   | osmo-nitb keeps rtp-proxy socket open in case no DLCX_IND is sent  |          | 03/05/2018 07:34 PM |                  |
| 4337 | OsmoMSC                     | Bug     | New         | Normal   | osmo-msc: Don't send LU-Reject after LU-Accept if no TMSI Realloc Complete is received                                   |          | 01/07/2021 06:22 PM | Related to #4337 |
| 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 |                  |

| #    | Project         | Tracker | Status      | Priority | Subject   | Assignee  | Updated             | Related issues                                     |
|------|-----------------|---------|-------------|----------|---|-----------|---------------------|--|
| 4065 | OsmoMSC         | Feature | New         | Normal   | osmo-msc: Support instructing MSC_MGW to use Osmux between 2 endp/call-leg of same voice call   | pespin    | 06/19/2019 04:54 PM | Related to #4065                                   |
| 3829 | OsmoMSC         | Bug     | New         | Normal   | osmo-msc expects aoip TLV in Assignment Complete messages from BSC  |           | 03/07/2019 08:30 PM |  |
| 4721 | OsmoMSC         | Bug     | In Progress | Normal   | osmo-msc creates evil-twin entries in the VLR when an already attached IMSI does a LU by an unknown TMSI (was: MSC_Tests.TC_lu_by_tmsi_noauth_unknown fails sporadically locally) | neels     | 03/26/2024 03:02 AM | Related to #4721                                   |
| 5468 | OsmoMGW         | Feature | New         | Normal   | osmo-mgw: 2g<->3g call support  |           | 06/03/2022 10:39 AM | Related to #5468,Related to #5468,Related to #5468 |
| 5214 | OsmoMGW         | Feature | In Progress | Normal   | osmo-mgw multithreading   | Hoernchen | 08/31/2021 09:20 AM |  |
| 6293 | OsmoMGW         | Bug     | New         | Normal   | osmo-mgw "decides" for a codec during MGCP handling; instead it should handle all configured payload type numbers as they arrive in RTP   |           | 12/07/2023 05:52 AM | Related to #6293,Related to #6293,Blocks #6136     |
| 5837 | OsmoHNBGW       | Bug     | New         | Normal   | osmo-ih: UE-REGISTER-REQ with uE_Identity type IMEI not implemented.  |           | 12/20/2022 03:43 PM |  |
| 5573 | OsmoHNBGW       | Bug     | New         | Normal   | osmo-hnbgw: RANAP LocationReportingControl not implemented  |           | 05/30/2022 02:05 PM |  |
| 5869 | OsmoHNBGW       | Bug     | New         | Normal   | osmo-hnbgw ignores HNBAP HNB De-Register  |           | 01/21/2023 01:52 AM |  |
| 3820 | OsmoHNBGW       | Bug     | New         | Normal   | osmo-hnbgw does not properly do RANAP RESET and RESET ACK on the link towards MSC and SGSN  |           | 05/13/2021 12:01 PM | Related to #3944                                   |
| 4705 | Distributed GSM | Bug     | New         | Normal   | osmo-hlr user manual: explain the mslookup domain suffix "mdns.osmocom.org", it has no mention in the user manual   |           | 08/13/2020 12:54 AM |  |
| 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                                   |
| 2230 | OsmoGSMTester   | Feature | New         | Normal   | osmo-gsm-tester: arfcn as resource  |           | 12/14/2017 04:08 PM | Related to #2230                                   |
| 2374 | OsmoGSMTester   | Feature | New         | Normal   | osmo-gsm-tester: add test case: sms between MS with delivery report   |           | 08/10/2017 04:37 PM |  |
| 2311 | OsmoGSMTester   | Feature | New         | Normal   | osmo-gsm-tester: add test case: smpp: smpp_first feature  |           | 05/31/2017 04:21 PM |  |
| 2313 | OsmoGSMTester   | Feature | New         | Normal   | osmo-gsm-tester: add test case: smpp: imsi extension  |           | 05/31/2017 04:27 PM |  |
| 2314 | OsmoGSMTester   | Feature | New         | Normal   | osmo-gsm-tester: add test case: smpp: correct ESME routing  |           | 05/31/2017 04:29 PM |  |

| #    | Project  | Tracker | Status      | Priority | Subject  | Assignee | Updated             | Related issues                                     |
|------|--|---------|-------------|----------|--|----------|---------------------|--|
| 2431 | OsmoGSMTester                                  | Bug     | New         | Normal   | osmo-gsm-tester: add test case: MS sends SMS to ESME   |          | 08/10/2017 03:47 PM |  |
| 2646 | OsmoGSMTester                                  | Feature | New         | Normal   | osmo-gsm-tester: Add osmo-sip-connector support  |          | 04/23/2018 10:40 AM |  |
| 2861 | OsmoGSMTester                                  | Feature | New         | Normal   | osmo-gsm-tester: Add 3g support for sysmocell-5k   |          | 12/02/2019 01:36 PM | Related to #2860                                   |
| 6149 | OsmoGSMTester                                  | Bug     | New         | Normal   | osmo-gsm-tester gerrit verifications currently broken, not running in docker                 | osmith   | 08/25/2023 09:13 AM |  |
| 6126 | OsmoGSMTester                                  | Bug     | New         | Normal   | osmo-gsm-tester docker container uses debian 10  |          | 08/01/2023 09:49 AM | Related to #6126                                   |
| 6298 | OsmoGGSN (former OpenGGSN)                     | Feature | New         | Normal   | osmo-ggsn not providing MTU of the GTP tunnel to the MS                                      |          | 02/15/2024 10:30 PM | Related to #6298                                   |
| 6332 | osmo-ePDG - VoWifi Evolved Packet Data Gateway | Feature | New         | Normal   | osmo-epdg: Write User Manual   |          | 01/18/2024 04:15 PM | Related to #6332                                   |
| 6407 | osmo-ePDG - VoWifi Evolved Packet Data Gateway | Feature | New         | Normal   | osmo-epdg: Support Emergency services (no IMSI)  |          | 03/15/2024 06:43 PM |  |
| 6408 | osmo-ePDG - VoWifi Evolved Packet Data Gateway | Feature | New         | Normal   | osmo-epdg: Support check IMEI  |          | 03/15/2024 06:45 PM |  |
| 3329 | OsmoBTS  | Feature | New         | Normal   | osmo-bts: Implement IMMEDIATE ASSIGNMENT EXTENDED  |          | 06/08/2018 12:02 PM | Related to #3330                                   |
| 5474 | OsmoBTS  | Bug     | New         | Normal   | osmo-bts-trx: DTXd support not implemented   |          | 03/02/2022 05:06 PM | Related to #5474,Related to #5474                  |
| 4364 | OsmoBTS  | Bug     | New         | Normal   | osmo-bts-trx configured with 2 TRX and osmo-trx with 1 TRX -> bad behavior                   | pespin   | 07/06/2020 07:16 PM |  |
| 64   | Miscellaneous Projects                         | Bug     | New         | Normal   | osmo-bts-amp: 2.2uF capacitors next to PA need to be 0603, not 0805                          | tnt      | 02/21/2016 04:48 PM |  |
| 4500 | OsmoBTS  | Bug     | Stalled     | Normal   | osmo-bts-{sysmo,oc2g,litecell15}: PTCCH/U is not enabled on PDCH timeslots                   | fixeria  | 06/25/2020 04:48 PM | Related to #4500,Related to #4500,Related to #4501 |
| 6270 | OsmoBTS  | Bug     | In Progress | Normal   | osmo-bts sends version report every 5s to BSC?   | dexter   | 02/19/2024 03:06 PM |  |
| 5576 | OsmoBTS  | Bug     | New         | Normal   | osmo-bts not moving NM state "Enabled -> DisabledDependency" when Admin state becomes Locked |          | 06/02/2022 10:38 AM |  |
| 3330 | OsmoBSC  | Feature | New         | Normal   | osmo-bsc: Implement IMMEDIATE ASSIGNMENT EXTENDED  |          | 06/08/2018 12:14 PM | Related to #3330                                   |
| 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                  |

| #    | Project  | Tracker | Status   | Priority | Subject   | Assignee | Updated             | Related issues                    |
|------|--|---------|----------|----------|---|----------|---------------------|-----------------------------------|
| 4881 | OsmoBSC  | Bug     | Feedback | Normal   | osmo-bsc with unixsocket to osmo-el2tpd fails to bring up rbs6k (dug20+rrus12)                          | firs     | 01/01/2021 10:10 AM |                                   |
| 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 |
| 4589 | OsmoBSC  | Bug     | New      | Normal   | osmo-bsc crashes with "lchan allocation failed in state WAIT_RF_RELEASE_ACK: Timeout"                   |          | 06/06/2020 10:40 PM |                                   |
| 3309 | libosmocore                                    | Feature | New      | Normal   | osmo_timer_* should use monotonic clock   |          | 05/31/2018 03:59 PM | Related to #3309                  |
| 3872 | OsmoBSC  | Feature | New      | Normal   | osmo_scu_prim.conn_id should be picked from a distinct number space for outgoing and incoming N-CONNECT | osmith   | 03/28/2019 08:06 PM | Blocks #3872                      |
| 6437 | libosmocore                                    | Bug     | Feedback | Normal   | osmo_io_ops segmentation_cb missing parameter holding state   | pespin   | 04/19/2024 10:17 AM |                                   |
| 6410 | libosmocore                                    | Bug     | New      | Normal   | osmo_io poll backend doesn't work on file descriptors that are not sockets                              |          | 03/19/2024 07:33 PM |                                   |
| 6393 | libosmocore                                    | Bug     | New      | Normal   | osmo_io conflating osmo_iofd_unregister vs osmo_iofd_close  | daniel   | 03/07/2024 09:47 AM |                                   |
| 3909 | libosmocore                                    | Bug     | New      | Normal   | osmo_get_rand_id() fails in containerised environment   |          | 03/24/2021 12:34 PM | Related to #3909                  |
| 3983 | libosmocore                                    | Bug     | New      | Normal   | osmo_fsm_inst_change_parent() forgets to talloc reparent  |          | 03/24/2021 12:35 PM |                                   |
| 4149 | libosmocore                                    | Bug     | New      | Normal   | osmo_fsm allows event names to have spaces in them  | laforge  | 01/25/2022 09:53 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 |                                   |
| 4440 | OsmoBTS  | Bug     | New      | Normal   | osmo_bts_virtual doesn't detect if mobile/virtphy is gone   | laforge  | 03/07/2020 03:44 PM |                                   |
| 5507 | libosmocore                                    | Feature | New      | Normal   | Optimize reset time after SGSN is restarted   | lynxis   | 03/31/2022 12:33 PM |                                   |
| 1832 | Linux Kernel GTP-U                             | Feature | New      | Normal   | OpenvSwitch GTP-u patch for 2.5   |          | 10/27/2016 08:56 AM |                                   |
| 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                  |
| 4130 | OP25   | Bug     | New      | Normal   | OP25 User Interface   |          | 07/26/2019 02:36 AM |                                   |
| 4845 | OsmoPCU  | Bug     | Feedback | Normal   | only send content resolution if it's needed   | lynxis   | 07/28/2023 02:45 PM |                                   |
| 5876 | OsmoHNBGW                                      | Bug     | New      | Normal   | on HNBAP HNB Register, clear previous UE state if any   | neels    | 03/20/2023 01:27 PM |                                   |
| 6009 | OsmoMSC  | Bug     | New      | Normal   | omo-msc: lots of tlv_parse() calls in src/libmsc/gsm_04_08.c have no return code checked for errors     |          | 04/19/2023 03:19 PM |                                   |
| 4082 | OsmoBTS  | Bug     | New      | Normal   | OML: Unknown/unhandled PCHAN type: 0 NONE   |          | 11/18/2019 10:09 AM |                                   |



| #    | Project                      | Tracker | Status      | Priority | Subject   | Assignee | Updated             | Related issues                                 |
|------|------------------------------|---------|-------------|----------|---|----------|---------------------|--|
| 4031 | OsmoBTS                      | Bug     | New         | Normal   | OML part of BTS has no TTCN-3 tests   |          | 09/04/2019 09:04 AM | Related to #4031,Related to #4031              |
| 4645 | OsmoBSC                      | Bug     | New         | Normal   | OM2K: "Sequence Error" due to too early initialization of RSL during BTS start                                    | laforge  | 07/04/2020 07:24 PM |  |
| 2691 | OsmoNITB                     | Bug     | Feedback    | Normal   | Old TMSI paged after LU   |          | 05/17/2018 11:47 AM |  |
| 3917 | OsmoGSMTester                | Bug     | New         | Normal   | ofono: update debian packages to match our dependencies   |          | 04/06/2020 11:30 AM |  |
| 2941 | OsmoGSMTester                | Bug     | New         | Normal   | ofono: SierraW sometimes crashing while deactivating a context.   |          | 01/08/2020 10:40 PM |  |
| 3046 | OsmoGSMTester                | Bug     | New         | Normal   | ofono: SierraW modem fails to power on  |          | 01/08/2020 10:41 PM |  |
| 3676 | OsmoGSMTester                | Bug     | New         | Normal   | ofono: org.ofono.ConnectionManager property Bearer returning "none"   |          | 06/09/2020 08:39 PM |  |
| 2237 | OsmoGSMTester                | Bug     | Feedback    | Normal   | ofono: Gobi modem: successful SMS delivery is evaluated as not successful   | lynxis   | 06/07/2018 02:08 PM | Related to #2237,Related to #2237,Blocks #2237 |
| 2238 | OsmoGSMTester                | Bug     | In Progress | Normal   | ofono: Gobi modem: cannot receive SMS   |          | 01/08/2020 10:42 PM | Related to #2238                               |
| 2189 | OsmoGSMTester                | Bug     | New         | Normal   | ofono: EC20: cannot send SMS  | lynxis   | 11/28/2017 04:21 PM |  |
| 4542 | OsmoGSMTester                | Bug     | Stalled     | Normal   | ofono: crash in drivers/qmimodem/gprs.c:extract_ss_info()   | pespin   | 07/30/2021 10:30 AM |  |
| 2713 | OsmoGSMTester                | Bug     | New         | Normal   | ofono: chosen pdp type (v4, v6, dual) not strictly followed in ofono qmi  |          | 01/08/2020 10:40 PM | Related to #2713                               |
| 6297 | OsmoMGW                      | Bug     | New         | Normal   | octet-align=0 is the RFC 6871 specified default to use when omitted; but osmo-mgw assumes don't-care when omitted |          | 12/12/2023 02:12 AM | Is duplicate of #5726                          |
| 2807 | Z-Netz                       | Bug     | Stalled     | Normal   | Obtain ZERBERUS software build[s] and manual[s]   | laforge  | 01/01/2020 01:51 PM |  |
| 5850 | SDR (Software Defined Radio) | Bug     | New         | Normal   | OBS mingw builds not updated since 2019   | roox     | 01/04/2023 12:15 PM |  |
| 5298 | gr-osmosdr                   | Bug     | New         | Normal   | object has no attribute 'pyqwidget' on arch linux   |          | 11/09/2021 01:25 AM |  |
| 41   | OsmoMSC                      | Bug     | New         | Normal   | Numbering Plan in OsmoMSC   |          | 06/23/2018 07:37 PM |  |
| 5398 | OsmoSGSN                     | Bug     | New         | Normal   | Null pointer access at "uectx" in ranap_iu_tx   | pespin   | 01/10/2022 01:14 PM |  |
| 5180 | libosmocore                  | Bug     | In Progress | Normal   | ns2: Document NS inspection/blocking commands   | lynxis   | 06/15/2021 01:10 PM |  |
| 5277 | libosmocore                  | Bug     | New         | Normal   | ns2: Allow SNS-CONFIG PDUs from unknown endpoints during config procedure   | lynxis   | 10/22/2021 02:28 PM |  |

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