

## 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 |  |
| 3819 | gr-osmosdr                                     | Support | New         | Urgent    | OSMO SDR blocks for GNUradio  |           | 02/28/2019 06:00 PM |  |
| 5481 | Open Source IMS Client                         | Feature | New         | Urgent    | SIM card interface for doubango   | laforge   | 03/25/2022 11:00 AM | Related to #5482   |
| 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   |
| 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  |
| 5574 | OsmoBSCNAT                                     | Bug     | New         | Urgent    | OsmoBSCNAT testsuite running in jenkins   | Hoernchen | 10/06/2022 11:46 AM | Related to #5574   |
| 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  |
| 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   |
| 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 |  |
| 2604 | Cellular Network Infrastructure                | Feature | Stalled     | High      | GSUP-to-DIAMETER converter / IWF  | laforge   | 02/29/2020 11:27 AM | Related to #5646   |
| 4107 | Cellular Network Infrastructure                | Feature | In Progress | High      | Start systemd services as non-root user   | osmith    | 04/24/2024 10:05 AM | Related to #4107,Related to #4821,Related to #4107,Related to #5669,Related to #5685,Related to #5687,Related to #5722 |
| 4578 | Cellular Network Infrastructure                | Bug     | New         | High      | Updated slides / presentations / videos on setting up Osmocom CNI                                     | laforge   | 02/13/2021 05:35 PM |  |
| 2623 | Cellular Network Infrastructure                | Feature | New         | High      | SCCP/M3UA: detect restart of osmo-msc and osmo-sgsn   | neels     | 02/07/2021 12:55 PM | Related to #3403,Related to #4701  |
| 4576 | Core testing infrastructure                    | Bug     | Stalled     | High      | ttcn3-hlr-tests need to route multicast traffic between ttcn3-hlr-test and osmo-hlr-master containers | neels     | 10/28/2020 09:48 PM |  |
| 4308 | Distributed GSM                                | Support | New         | High      | thoughts about incorporating credit / billing in D-GSM  |           | 12/04/2019 04:08 PM |  |

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|------|---------------------|---------|-------------|----------|---|----------|---------------------|-----------------------------------|
| 5571 | Ericsson RBS 6xxx   | Bug     | New         | High     | DUG can come up, but with Avail: "Power Off"  | dexter   | 11/08/2022 05:10 PM |                                   |
| 5731 | gr-osmosdr          | Bug     | New         | High     | Install gr-osmosdr on Ubuntu 20.04  |          | 10/27/2022 01:39 PM |                                   |
| 5425 | gr-osmosdr          | Bug     | New         | High     | Problem receiving samples using dual receivers with BladeRF   |          | 01/29/2022 04:22 AM |                                   |
| 5144 | gr-osmosdr          | Bug     | New         | High     | Support multiple Airspy devices   | horiz0n  | 10/21/2023 07:22 PM |                                   |
| 3734 | gr-osmosdr          | Bug     | New         | High     | Cannot compile gr-osmocom   |          | 12/16/2018 12:22 AM |                                   |
| 2824 | gr-osmosdr          | Bug     | New         | High     | Corrupted double-linked for Raspbian Stretch when running osmocom_fft (and any other program using osmosdr.source |          | 06/03/2018 12:08 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 |                                   |
| 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 |
| 1483 | Mobile (in)Security | Bug     | New         | High     | USSD state is not reset when switching cells  |          | 02/21/2016 04:34 PM |                                   |
| 1481 | Mobile (in)Security | Bug     | New         | High     | Random LAPDm MAC-block padding is not deployed yet  |          | 02/21/2016 04:34 PM | Related to #5256,Related to #5257 |
| 1480 | Mobile (in)Security | Bug     | New         | High     | A5/3 is not deployed in GSM networks  |          | 02/21/2016 04:34 PM |                                   |
| 1478 | Mobile (in)Security | Bug     | New         | High     | IMSI DETACH DoS   |          | 09/02/2019 09:00 AM |                                   |
| 1477 | Mobile (in)Security | Bug     | New         | High     | RACH flood DoS  |          | 02/21/2016 04:34 PM |                                   |
| 2175 | OP25                | Feature | New         | High     | Update code for GNURadio 3.6 and later  |          | 04/22/2017 04:14 PM |                                   |
| 2173 | OP25                | Feature | New         | High     | Remove dependency on ET++   |          | 04/22/2017 04:14 PM |                                   |
| 2172 | OP25                | Bug     | New         | High     | HDU often missing in captures   |          | 04/22/2017 04:14 PM |                                   |
| 2171 | OP25                | Feature | New         | High     | Use libfftw3 for IFFT/FFT functions.  |          | 04/22/2017 04:14 PM |                                   |
| 2170 | OP25                | Bug     | New         | High     | Implement forward error-correction code, remove IT++ dependency   |          | 04/22/2017 04:14 PM |                                   |
| 2169 | OP25                | Bug     | New         | High     | First-cut of trunking support   |          | 04/22/2017 04:15 PM |                                   |
| 2168 | OP25                | Bug     | New         | High     | Implement Forward error correction for LDU1/2   |          | 04/22/2017 04:15 PM |                                   |
| 2167 | OP25                | Feature | New         | High     | Implement Encryption/Decryption P25 blocks  |          | 04/22/2017 04:15 PM |                                   |
| 2166 | OP25                | Feature | New         | High     | Add support for Max's I/Q 455khz downconverter  |          | 04/22/2017 04:15 PM |                                   |
| 2162 | OP25                | Bug     | New         | High     | Fix bit-ordering in output for VC55.  |          | 04/22/2017 04:15 PM |                                   |
| 2160 | OP25                | Feature | New         | High     | Add "datascope" to usrp_p25_rx.py   |          | 04/22/2017 04:16 PM |                                   |
| 2158 | OP25                | Feature | New         | High     | Create a shared library for decoding for WireShark and the decoder.   |          | 04/22/2017 04:16 PM |                                   |
| 2157 | OP25                | Feature | New         | High     | Fix "traffic" tab so it displays data for non-HDU data units  |          | 04/22/2017 04:16 PM |                                   |

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|------|--|---------|-------------|----------|--|-----------|---------------------|---|
| 2156 | OP25   | Feature | New         | High     | Implement forward error correction for HDU.  |           | 04/22/2017 04:16 PM |   |
| 2155 | OP25   | Feature | New         | High     | Replace FSK4 demodulation with IQ demodulator stage.   |           | 04/22/2017 04:16 PM |   |
| 5480 | Open Source IMS Client                         | Feature | In Progress | High     | Linux kernel IPsec plugin for doubango   | laforge   | 03/25/2022 10:44 AM |   |
| 4916 | osmo-e1d                                       | Bug     | Stalled     | High     | USB unplug / replug renders e1d unusable   | laforge   | 12/04/2023 12:34 PM | Related to #5983  |
| 6169 | osmo-e1d                                       | Bug     | New         | High     | Frame masking against network frame ordering, not frame numbers                                      | laforge   | 10/18/2023 03:19 PM |   |
| 6091 | osmo-ePDG - VoWifi Evolved Packet Data Gateway | Bug     | Feedback    | High     | osmo-epdg: Implement CEAL interface (GSUP) ePDG <> strongswan  | lynxis    | 03/14/2024 04:36 PM |   |
| 4522 | osmo-gbproxy                                   | Feature | Stalled     | High     | gbproxy: Redundancy within proxy pair  | daniel    | 07/09/2021 06:43 PM |   |
| 4781 | osmo-qcdiag                                    | Bug     | New         | High     | get hoernchen/gsmmap branch merged   | Hoernchen | 10/06/2020 03:18 PM |   |
| 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  |
| 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 |
| 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  |
| 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   |
| 4771 | OsmoBTS  | Bug     | Stalled     | High     | Don't log NOTICE messages on missing uplink bursts   | fixeria   | 11/16/2021 03:05 PM |   |
| 3568 | OsmoBTS  | Bug     | Stalled     | High     | CBCH on SDCCH/8 not working for osmo-bts-sysmo   | laforge   | 01/14/2019 03:29 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   |
| 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  |
| 5257 | OsmoBTS  | Bug     | New         | High     | support random padding in SACCH downlink messages  |           | 10/12/2021 11:18 AM | Related to #5257  |
| 5256 | OsmoBTS  | Feature | New         | High     | support for random padding in LAPDm downlink messages  |           | 10/12/2021 11:17 AM | Related to #5256  |

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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                  |
| 6290 | Osmocom Conferences (OsmoDevCon, OsmoCon, OsmoDevCall) | Feature | In Progress | High     | Organize OsmoDevCon 2024  | laforge   | 03/06/2024 12:06 PM |  |
| 4829 | OsmocomBB  | Bug     | Stalled     | High     | OsmocomBB Rx bit errors in dedicated mode   | laforge   | 02/06/2021 09:11 AM | Related to #4832                                   |
| 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                  |
| 3399 | OsmocomBB  | Feature | Stalled     | High     | mobile: refactor / finish external MNCC handler implementation                            | fixeria   | 10/04/2018 09:07 PM |  |
| 2409 | OsmocomBB  | Feature | Stalled     | High     | Add GPRS support to virt_phy and L1CTL  | fixeria   | 08/19/2022 03:06 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                  |
| 6337 | OsmocomBB  | Bug     | New         | High     | bad fr audio with gapk/ms-sdr   |           | 01/22/2024 09:21 PM | Related to #6337                                   |
| 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                      |
| 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 |  |
| 1458 | OsmocomBB  | Bug     | New         | High     | AGC broken (strong cell cannot be synced  | tnt       | 07/18/2019 06:10 AM | Related to #3582                                   |
| 5396 | OsmocomDECT  | Bug     | New         | High     | TopDump/WireShark will not build with libpcap(dect)                                       |           | 01/09/2022 12:57 PM |  |
| 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 |  |
| 5393 | OsmocomDECT  | Bug     | New         | High     | tipc problems while building on Ubuntu  |           | 01/09/2022 12:48 PM |  |
| 5392 | OsmocomDECT  | Bug     | New         | High     | Sliding collision errors  |           | 01/09/2022 12:44 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                                   |
| 3717 | OsmoHLR  | Bug     | Stalled     | High     | SS/USSD: fix SS session inactivity timeout  | fixeria   | 12/05/2018 08:45 PM |  |
| 4312 | OsmoHLR  | Bug     | New         | High     | GSUP keepalives / connection loss detection   |           | 10/12/2020 02:42 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 |  |
| 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 |

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|------|----------|---------|-------------|----------|---|-----------|---------------------|---|
| 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                  |
| 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 |
| 4830 | OsmoMSC  | Bug     | In Progress | High     | LU reject when no authentication data in HLR but "authentication optional"      | neels     | 10/10/2022 02:03 PM |   |
| 5057 | OsmoMSC  | Bug     | New         | High     | Can only send a maximum of 15 SMPP messages?                                    | Hoernchen | 09/15/2021 09:53 AM |   |
| 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 |   |
| 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 |   |
| 2400 | OsmoPCU  | Bug     | Stalled     | High     | transmit SI13 on PACCH during long TBFs   | fixeria   | 05/12/2020 12:19 PM | Related to #2400,Related to #3472,Related to #4506                  |
| 1759 | OsmoPCU  | Bug     | Stalled     | High     | Wrong calculation of DL window size for DL assignment                           |           | 01/22/2020 04:01 PM | Related to #1533,Related to #1524                                   |
| 1766 | OsmoPCU  | Bug     | In Progress | High     | KPIs for OsmoPCU: EGPRS   |           | 01/22/2020 02:06 PM | Related to #1766,Related to #1766                                   |
| 6436 | OsmoPCU  | Bug     | New         | High     | high cpu usage, entire BTS unresponsive after some hours                        | keith     | 04/13/2024 04:32 PM |   |
| 1925 | OsmoPCU  | Bug     | New         | High     | Fix padding for MCS8 transition   |           | 01/08/2020 10:31 PM |   |
| 1560 | OsmoPCU  | Feature | New         | High     | EDGE benchmarking / performance optimization / tuning                           |           | 01/08/2020 10:31 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 |   |
| 5349 | OsmoSGSN | Bug     | In Progress | High     | Message for non-existing SMDCP Entity   |           | 07/17/2023 04:42 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                                   |
| 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  |
| 4222 | OsmoSGSN | Bug     | New         | High     | Implement PS Paging for the Routing Areas                                       |           | 10/03/2020 02:20 PM | Related to #4222  |

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|------|---------------------------------|---------|-------------|----------|--|-----------|---------------------|--|
| 2955 | OsmoSGSN                        | Bug     | New         | High     | No GMM ATTACH REJECT on GSUP UpdateLocation Error  | lynxis    | 09/10/2019 07:39 PM |  |
| 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   |
| 5516 | OsmoTRX                         | Feature | In Progress | High     | BladeRF 2.0 Support  | Hoernchen | 02/14/2023 02:59 PM | Is duplicate of #2430  |
| 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 |  |
| 4383 | pySim                           | Bug     | Stalled     | High     | Jenkins build verification is non-deterministic  | dexter    | 04/06/2021 04:58 PM | Related to #4384,Related to #5127  |
| 1474 | SDR (Software Defined Radio)    | Bug     | New         | High     | USB Claim Interface Error  | steve-m   | 02/20/2016 08:23 PM |  |
| 5419 | SIMtrace 2                      | Bug     | Stalled     | High     | cardem errors with higher baud rate  | laforge   | 11/07/2022 06:22 PM |  |
| 3379 | SIMtrace 2                      | Bug     | Stalled     | High     | documentation on how to use SIMtrace2  | laforge   | 11/14/2022 05:31 PM | Related to #3379   |
| 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  |
| 5921 | SIMtrace 2                      | Bug     | In Progress | High     | simtrace2 cardem vs. Linux kernel USB autosuspend  | laforge   | 09/16/2023 10:47 PM | Related to #5921   |
| 1510 | UmTRX                           | Feature | New         | High     | Complete UHD integration   | ipse      | 02/21/2016 04:47 PM |  |
| 1508 | UmTRX                           | Feature | New         | High     | Implement UmSEL diversity switch control   | ipse      | 02/21/2016 04:47 PM |  |
| 1507 | UmTRX                           | Feature | New         | High     | Implement UmSEL tuner control  | ipse      | 02/21/2016 04:47 PM |  |
| 1505 | UmTRX                           | Bug     | New         | High     | OHM4 footprint incorrect   |           | 02/19/2016 10:52 PM |  |
| 4638 | Altair LTE Modems               | Feature | New         | Normal   | Mikrotik R11e-4G mtd dump  |           | 06/13/2021 10:15 AM |  |
| 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 |  |
| 4525 | Cellular Modem Information      | Feature | New         | Normal   | MTK  |           | 05/03/2020 03:57 PM | Is duplicate of #4525  |
| 6411 | Cellular Network Infrastructure | Bug     | Stalled     | Normal   | ttn3: execute testsuites with a more realistic link performance  |           | 04/03/2024 06:25 PM |  |
| 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 |

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|------|---------------------------------|---------|-------------|----------|--|----------|---------------------|--|
| 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 |
| 6349 | Cellular Network Infrastructure | Bug     | Feedback    | Normal   | example configs missing in release tarballs  | fixeria  | 01/29/2024 04:04 PM |  |
| 5809 | Cellular Network Infrastructure | Bug     | Feedback    | Normal   | applications disrespect potentially VTY-configured tcp/telnet port                 | osmith   | 10/31/2023 09:34 AM |  |
| 5685 | Cellular Network Infrastructure | Bug     | Feedback    | Normal   | Dropping debian 10 (buster)  | osmith   | 04/04/2023 10:10 AM | Related to #5685,Related to #5685  |
| 5124 | Cellular Network Infrastructure | Feature | Feedback    | Normal   | network:osmocom:nightly feed with "-O0" builds                                     | laforge  | 05/11/2023 11:11 AM |  |
| 4333 | Cellular Network Infrastructure | Support | Feedback    | Normal   | GSUP binary compatibility: add GSUP protocol version IE?                           |          | 12/16/2019 01:56 PM | Related to #4333,Related to #4333,Related to #4333                               |
| 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   |
| 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 |  |
| 5929 | Cellular Network Infrastructure | Feature | In Progress | Normal   | document current (milestones of) nlnet funded projects; mention nlnet funding      | laforge  | 04/04/2023 10:05 AM |  |
| 6215 | Cellular Network Infrastructure | Bug     | New         | Normal   | Rebase open5gs pcrf_simple patches and submit upstream                             | lynxis   | 10/18/2023 02:53 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 |  |
| 5985 | Cellular Network Infrastructure | Bug     | New         | Normal   | tests: not all Osmocom projects have @osmoappdesc.py@                              |          | 03/29/2023 08:09 PM |  |
| 5771 | Cellular Network Infrastructure | Feature | New         | Normal   | series of presentations about the individual CNI network elements                  |          | 11/14/2022 07:25 PM |  |
| 5764 | Cellular Network Infrastructure | Bug     | New         | Normal   | GCC does not check format strings in LOGPFMS macros                                |          | 11/11/2022 06:30 AM |  |
| 5750 | Cellular Network Infrastructure | Bug     | New         | Normal   | contrib/jenkins.sh: build with -Wunused-macros and -Wundef                         |          | 11/08/2022 08:07 PM |  |
| 5749 | Cellular Network Infrastructure | Bug     | New         | Normal   | configure.ac: default CFLAGS, LT_INIT adds "-g -O2"                                | fixeria  | 01/31/2023 08:12 PM |  |
| 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  |

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|------|---------------------------------|---------|-------------|----------|---|----------|---------------------|-----------------------------------|
| 5446 | Cellular Network Infrastructure | Feature | New         | Normal   | correlate git version to ttcn3 tests  |          | 02/07/2022 09:40 PM | Related to #5446                  |
| 5188 | Cellular Network Infrastructure | Bug     | New         | Normal   | BSSMAP Cell Identifier IE vs. Cell Identifier List IE: difference in allowed cell id types      | neels    | 08/23/2022 04:24 PM |                                   |
| 5045 | Cellular Network Infrastructure | Feature | New         | Normal   | write libversion "major" on build files automatically based on LIBVERSION                       | pespin   | 02/24/2021 01:14 PM |                                   |
| 4883 | Cellular Network Infrastructure | Bug     | New         | Normal   | update OsmoNITB migration guide   | neels    | 12/01/2020 08:32 AM |                                   |
| 4376 | Cellular Network Infrastructure | Feature | New         | Normal   | Define distinct X timer numbers across all osmo programs  |          | 01/23/2020 09:21 PM |                                   |
| 4141 | Cellular Network Infrastructure | Bug     | New         | Normal   | No osmux specific code in place during codec negotiation  |          | 08/05/2019 03:57 PM |                                   |
| 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 |                                   |
| 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 |
| 3227 | Cellular Network Infrastructure | Feature | New         | Normal   | general idea: separate GSUP spec document   | roh      | 12/01/2019 09:26 AM | Is duplicate of #3227             |
| 6023 | Core testing infrastructure     | Feature | Stalled     | Normal   | test rack/lab power management software with usage/reference counting                           | laforge  | 10/18/2023 05:42 PM |                                   |
| 5760 | Core testing infrastructure     | Feature | Stalled     | Normal   | Develop TTCN-3 test suite for MME   | dexter   | 10/04/2023 01:51 PM |                                   |
| 5665 | Core testing infrastructure     | Bug     | Stalled     | Normal   | ERROR: files left in build directory after distclean: ./tests/core                              | fixeria  | 11/14/2023 12:39 PM | Related to #5665,Related to #5858 |
| 5301 | Core testing infrastructure     | Bug     | Stalled     | Normal   | Run TTCN3 docker tests with sanitizer enabled   | osmith   | 03/20/2024 09:28 AM | Related to #5302                  |
| 4692 | Core testing infrastructure     | Feature | Stalled     | Normal   | finally implement testing of the actual voice audio path  | laforge  | 04/19/2021 06:27 PM |                                   |
| 6273 | Core testing infrastructure     | Bug     | Feedback    | Normal   | TTCN3 tests keep suffering from race conditions on shutdown                                     | daniel   | 12/05/2023 03:29 PM |                                   |
| 5858 | Core testing infrastructure     | Bug     | Feedback    | Normal   | osmo-python-tests: Ignore, at least clean up 'tmp_dummy_sock'                                   |          | 02/22/2023 06:25 PM | Related to #5858                  |
| 6386 | Core testing infrastructure     | Bug     | In Progress | Normal   | eclipse-titan 9.0.0 not building in debian unstable   | osmith   | 03/04/2024 02:10 PM |                                   |
| 5632 | Core testing infrastructure     | Bug     | In Progress | Normal   | better test result summary / notifications  | lynxis   | 08/31/2022 11:58 AM |                                   |
| 6242 | Core testing infrastructure     | Feature | New         | Normal   | Test eUPF against ttcn3-upf-test setup  |          | 12/18/2023 11:33 AM |                                   |



| #    | Project                                      | Tracker | Status      | Priority | Subject   | Assignee  | Updated             | Related issues   |
|------|--|---------|-------------|----------|---|-----------|---------------------|------------------|
| 6185 | Core testing infrastructure                  | Bug     | New         | Normal   | Submit titan.ProtocolEmulations.SCCP patch upstream   | neels     | 09/20/2023 06:22 PM |                  |
| 6029 | Core testing infrastructure                  | Bug     | New         | Normal   | Single TTCN3 BSC handover test fails  |           | 10/18/2023 05:31 PM |                  |
| 5762 | Core testing infrastructure                  | Feature | New         | Normal   | Develop TTCN-3 test suite for PGW   |           | 11/10/2022 06:38 PM |                  |
| 5761 | Core testing infrastructure                  | Feature | New         | Normal   | Develop TTCN-3 test suite for SGW   |           | 11/09/2022 09:49 PM |                  |
| 5323 | Core testing infrastructure                  | Feature | New         | Normal   | Add docker image containing titan.core master   |           | 12/15/2021 04:43 PM | Related to #6187 |
| 5011 | Core testing infrastructure                  | Bug     | New         | Normal   | Warning about unrecognized escape sequence in Osmocom_CTRL_Types  |           | 02/05/2021 11:21 AM |                  |
| 4268 | Distributed GSM                              | Bug     | In Progress | Normal   | duplicate SMS when SMPP handler sends back to the originating MSC   | neels     | 06/08/2020 03:11 PM |                  |
| 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 |                  |
| 6416 | E1/T1 Hardware Interface (including icE1usb) | Support | Feedback    | Normal   | Serial debug tty port speed   | plassberg | 03/22/2024 06:52 PM |                  |
| 5490 | E1/T1 Hardware Interface (including icE1usb) | Bug     | Feedback    | Normal   | ISO IN urb sometimes completes with less than full data / incomplete frame  | tnt       | 09/15/2022 12:34 PM |                  |
| 6434 | E1/T1 Hardware Interface (including icE1usb) | Support | New         | Normal   | D-channel do not recover after underrun   |           | 04/07/2024 09:07 AM |                  |
| 6417 | E1/T1 Hardware Interface (including icE1usb) | Feature | New         | Normal   | CRC4 configuration  |           | 03/22/2024 09:02 PM |                  |
| 6412 | E1/T1 Hardware Interface (including icE1usb) | Support | New         | Normal   | No alignment  | tnt       | 03/27/2024 01:46 PM |                  |
| 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 |
| 5708 | E1/T1 Hardware Interface (including icE1usb) | Bug     | New         | Normal   | rs422: Support runtime re-init of the GPS receiver  | tnt       | 10/13/2022 06:46 PM | Related to #5708 |

| #    | Project                                      | Tracker | Status   | Priority | Subject   | Assignee | Updated             | Related issues |
|------|--|---------|----------|----------|---|----------|---------------------|----------------|
| 5402 | E1/T1 Hardware Interface (including icE1usb) | Bug     | New      | Normal   | no2e1 gateware improvements   |          | 01/13/2022 12:02 PM |                |
| 4534 | Ericsson RBS 6xxx                            | Support | Stalled  | Normal   | Take pictures of RBS6k gear for documentation   | roh      | 05/20/2020 03:19 PM |                |
| 5307 | Ericsson RBS 6xxx                            | Feature | New      | Normal   | Support for Multiple Sectors at an RBS site.  |          | 11/13/2021 08:20 PM |                |
| 6377 | erlang/osmo_ss7                              | Bug     | Feedback | Normal   | ipa: Failure decoding ipa frames split between several tcp packets                    | pespin   | 02/28/2024 03:00 PM |                |
| 5378 | erlang/osmo_ss7                              | Bug     | New      | Normal   | ipa: add support for client application   | laforge  | 01/05/2022 08:36 PM |                |
| 5808 | gr-osmosdr                                   | Feature | New      | Normal   | New option, for selecting an input channel of a soapy_source_c                        |          | 12/05/2022 11:45 AM |                |
| 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 |                |
| 5352 | gr-osmosdr                                   | Bug     | New      | Normal   | ImportError: generic_type: type "sink" referenced unknown base type "gr::hier_block2" |          | 12/11/2021 08:19 AM |                |
| 5298 | gr-osmosdr                                   | Bug     | New      | Normal   | object has no attribute 'pyqwidget' on arch linux                                     |          | 11/09/2021 01:25 AM |                |
| 5218 | gr-osmosdr                                   | Bug     | New      | Normal   | compilation fails: "no matching function for call to fcd_source_c::connect"           |          | 09/05/2021 10:58 PM |                |
| 5008 | gr-osmosdr                                   | Bug     | New      | Normal   | Quoted whitespace parsing problem in source_impl::source_impl                         |          | 02/04/2021 02:16 AM |                |
| 4950 | gr-osmosdr                                   | Bug     | New      | Normal   | gr-osmosdr doesn't find iqbalance during build  |          | 02/22/2021 02:46 AM |                |
| 4942 | gr-osmosdr                                   | Bug     | New      | Normal   | XTRX: Unable to compile due to error  | RFNOD    | 01/12/2021 08:29 PM |                |
| 4484 | gr-osmosdr                                   | Bug     | New      | Normal   | CMakeFiles.txt  |          | 04/06/2020 05:19 PM |                |
| 4359 | gr-osmosdr                                   | Bug     | New      | Normal   | Compiling from Git Bramcjr gr3.8 fails  |          | 01/12/2020 05:08 PM |                |
| 4325 | gr-osmosdr                                   | Bug     | New      | Normal   | can't open hackrf_sink with device index  |          | 12/13/2019 09:18 AM |                |
| 4098 | gr-osmosdr                                   | Bug     | New      | Normal   | [BladeRF micro] Arguments set in osmocom Sink and Source are not passed to libbladerf | horiz0n  | 07/18/2019 05:35 AM |                |
| 3882 | gr-osmosdr                                   | Bug     | New      | Normal   | Cannot compile gr-osmosdr!  | horiz0n  | 07/18/2019 05:35 AM |                |
| 3855 | gr-osmosdr                                   | Bug     | New      | Normal   | Cannot build gr-osmosdr with Gnuradio 3.8   | horiz0n  | 07/13/2020 10:05 PM |                |
| 3802 | gr-osmosdr                                   | Feature | New      | Normal   | New release   | horiz0n  | 02/15/2019 07:22 AM |                |
| 3663 | gr-osmosdr                                   | Bug     | New      | Normal   | Can't compile gr-osmosdr on macOS Mojave  |          | 10/19/2018 02:37 PM |                |
| 3596 | gr-osmosdr                                   | Feature | New      | Normal   | TX Tags   |          | 09/25/2018 04:01 PM |                |
| 3595 | gr-osmosdr                                   | Feature | New      | Normal   | RX Tags   |          | 09/25/2018 04:01 PM |                |
| 3594 | gr-osmosdr                                   | Feature | New      | Normal   | Message Commands  |          | 09/25/2018 03:59 PM |                |
| 3592 | gr-osmosdr                                   | Bug     | New      | Normal   | rtl: Race Conditions  | horiz0n  | 07/18/2019 05:35 AM |                |
| 3512 | gr-osmosdr                                   | Support | New      | Normal   | Bug #3462 on Arch Linux; gr-osmosdr install fails                                     | horiz0n  | 01/26/2019 06:10 PM |                |
| 3462 | gr-osmosdr                                   | Bug     | New      | Normal   | gr-osmosdr installation bladerf conversion errors                                     | horiz0n  | 07/18/2019 05:35 AM |                |

| #    | Project                | Tracker | Status      | Priority | Subject   | Assignee | Updated             | Related issues                    |
|------|------------------------|---------|-------------|----------|---|----------|---------------------|-----------------------------------|
| 3414 | gr-osmosdr             | Feature | New         | Normal   | Include Airspy serial number in connection string.                                  | horiz0n  | 07/24/2018 04:52 AM |                                   |
| 3240 | gr-osmosdr             | Bug     | New         | Normal   | Expose airspy gain setting in gr-osmosdr block                                      |          | 06/03/2018 12:08 PM |                                   |
| 2216 | gr-osmosdr             | Bug     | New         | Normal   | uhd: LO offset doesn't seem to work properly  |          | 06/03/2018 12:08 PM |                                   |
| 2514 | GSM Audio Pocket Knife | Bug     | Stalled     | Normal   | GSM HR encoding result does not match the reference                                 | fixeria  | 04/03/2019 08:37 AM |                                   |
| 4476 | IMSI Pseudonymization  | Feature | Stalled     | Normal   | OsmoHLR: support IMSI pseudo in location update                                     | neels    | 05/27/2020 01:11 PM | Blocks #4477                      |
| 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 |
| 4403 | IMSI Pseudonymization  | Feature | Feedback    | Normal   | OsmoHLR: How to interface with SMS service?   |          | 04/16/2020 08:45 AM | Blocks #4477                      |
| 4495 | IMSI Pseudonymization  | Feature | New         | Normal   | Specification: More references  | neels    | 05/27/2020 01:11 PM |                                   |
| 4494 | IMSI Pseudonymization  | Feature | New         | Normal   | Specification: Add bibliography   | neels    | 05/27/2020 01:11 PM |                                   |
| 4493 | IMSI Pseudonymization  | Feature | New         | Normal   | Specification: Cover 2G, 3G and 4G separately                                       | neels    | 05/27/2020 01:11 PM |                                   |
| 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 |                                   |
| 4489 | IMSI Pseudonymization  | Feature | New         | Normal   | Specification: mark mandatory parts / implementation details as such                |          | 04/16/2020 08:44 AM |                                   |
| 4486 | IMSI Pseudonymization  | Feature | New         | Normal   | Applet: gracefully handle case where timer is set twice                             |          | 04/16/2020 08:45 AM |                                   |
| 4480 | IMSI Pseudonymization  | Bug     | New         | Normal   | Applet/OsmoMSC: fix or workaround for OsmoMSC only paging attached MS               |          | 04/16/2020 08:45 AM | Related to #4480                  |
| 4479 | IMSI Pseudonymization  | Feature | New         | Normal   | Applet: change IMSI after receiving SMS   |          | 04/16/2020 08:45 AM |                                   |
| 4478 | IMSI Pseudonymization  | Feature | New         | Normal   | Applet: proper warning after too many LU with same IMSI                             |          | 04/16/2020 08:45 AM | Related to #4478                  |
| 4477 | IMSI Pseudonymization  | Feature | New         | Normal   | OsmoHLR: send next pseudo IMSI via SMS  |          | 04/16/2020 08:45 AM | Blocks #4477,Blocks #4477         |
| 4417 | IMSI Pseudonymization  | Bug     | New         | Normal   | Applet: LU counter should only increase on successful location update               |          | 04/16/2020 08:45 AM | Related to #4478                  |
| 5691 | libosmo-abis           | Feature | Stalled     | Normal   | Expose DAHDI statistics to prometheus   | laforge  | 01/05/2023 06:06 PM |                                   |
| 5896 | libosmo-abis           | Bug     | Feedback    | Normal   | libosmo-abis built without --enable-e1d in deb and rpm packages                     | laforge  | 02/07/2023 11:40 AM | Blocks #5896                      |
| 4464 | libosmo-abis           | Bug     | In Progress | Normal   | "osmo_rtp_socket_poll(): ERROR!" messages during normal osmo-bts usage              | laforge  | 02/06/2021 02:27 PM | Related to #4467                  |

| #    | Project                        | Tracker | Status      | Priority | Subject  | Assignee  | Updated             | Related issues                                 |
|------|--------------------------------|---------|-------------|----------|--|-----------|---------------------|--|
| 5756 | libosmo-abis                   | Bug     | New         | Normal   | io_uring support in libosmo-abis   |           | 03/20/2024 03:58 PM | Related to #5756,Related to #6357,Blocks #5896 |
| 5356 | libosmo-abis                   | Bug     | New         | Normal   | libosmo-abis: osmo_rtp_socket_connect() not calling connect() on sockets                     |           | 12/13/2021 12:50 PM |  |
| 3622 | libosmo-abis                   | Bug     | New         | Normal   | Clear API mess in sign_link_up callback  | pespin    | 10/02/2018 07:34 PM |  |
| 3812 | libosmo-netif                  | Bug     | Stalled     | Normal   | stream_test fails depending on where it is run   |           | 03/13/2019 04:15 PM |  |
| 2440 | libosmo-netif                  | Bug     | New         | Normal   | Osmux: Improve lost packet recreation mechanism  |           | 12/01/2019 10:11 AM | Blocks #2439                                   |
| 2439 | libosmo-netif                  | Bug     | New         | Normal   | Osmux: overwrite duplicated RTP packets instead of dropping them                             |           | 12/01/2019 10:11 AM | Blocks #2439                                   |
| 5648 | libosmo-pfcp                   | Feature | New         | Normal   | implement common PFCP CPF client VTY config  |           | 08/17/2022 03:29 PM | Related to #5648                               |
| 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 |  |
| 6240 | libosmo-sccp + libosmo-sigtran | Bug     | Feedback    | Normal   | libosmo-sigtran doesn't reject M3UA with "M3UA Network Appearance"                           | daniel    | 10/31/2023 02:56 PM | Related to #6241                               |
| 5917 | libosmo-sccp + libosmo-sigtran | Feature | Feedback    | Normal   | immediately detect SCTP SHUTDOWN in SCCP link / in SCCP user / in active SCCP connections    | neels     | 03/20/2023 10:23 AM |  |
| 5679 | libosmo-sccp + libosmo-sigtran | Feature | In Progress | Normal   | unsupported SCCP user primitive N-PCSTATE.indication   | neels     | 02/18/2023 01:46 AM |  |
| 6356 | libosmo-sccp + libosmo-sigtran | Bug     | New         | Normal   | DLGLOBAL ERROR Trying to dispatch event 17 to non-existent FSM instance! (osmo_ss7_as.c:118) | pespin    | 02/08/2024 10:27 PM |  |
| 6239 | libosmo-sccp + libosmo-sigtran | Feature | New         | Normal   | finally deprecate libosmo-sccp (headers, static lib)   |           | 10/31/2023 07:31 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                               |
| 4635 | libosmo-sccp + libosmo-sigtran | Feature | New         | Normal   | quirks when initializing SS7 ASP   |           | 06/25/2020 04:46 PM | Related to #4635                               |
| 4457 | libosmo-sccp + libosmo-sigtran | Bug     | New         | Normal   | editing the SCCP address book (global-title) on a running instance may crash the application |           | 03/17/2020 11:17 PM |  |
| 4072 | libosmo-sccp + libosmo-sigtran | Bug     | New         | Normal   | Implement IPA PING/PONG mechanism in libosmo-sigtran +                                       | Hoernchen | 06/21/2019 02:51 PM | Related to #4072                               |
| 2259 | libosmo-sccp + libosmo-sigtran | Bug     | New         | Normal   | problem with local reference   | laforge   | 07/19/2017 04:25 PM |  |
| 4731 | libosmocore                    | Bug     | Stalled     | Normal   | LAPDm does not implement SAPI priorities between data link layers                            | fixeria   | 08/28/2020 11:21 AM | Related to #4731,Related to #4731              |
| 6440 | libosmocore                    | Bug     | Feedback    | Normal   | VTY: 'write file' breaks 'show startup-config'   |           | 04/22/2024 10:31 AM |  |
| 6437 | libosmocore                    | Bug     | Feedback    | Normal   | osmo_io_ops segmentation_cb missing parameter holding state                                  | pespin    | 04/19/2024 10:17 AM |  |

| #    | Project    | Tracker | Status      | Priority | Subject  | Assignee  | Updated             | Related issues                    |
|------|------------|---------|-------------|----------|--|-----------|---------------------|-----------------------------------|
| 6233 | libosmcore | Bug     | Feedback    | Normal   | --enable-embedded build fails if pkg-config can't find some of the (disabled) dependencies | Hoernchen | 11/24/2023 04:15 PM |                                   |
| 6162 | libosmcore | Bug     | Feedback    | Normal   | master build failure with clang-16   | Hoernchen | 11/18/2023 09:17 AM |                                   |
| 5208 | libosmcore | Bug     | Feedback    | Normal   | ns2: add testcase for SNS Size with invalid tlv  | lynxis    | 02/12/2023 08:37 PM |                                   |
| 4797 | libosmcore | Bug     | Feedback    | Normal   | vty: the output of 'show ns' command is confusing  | fixeria   | 10/23/2020 05:35 PM | Related to #4855,Related to #5085 |
| 4727 | libosmcore | Feature | Feedback    | Normal   | Add more distro/platform/archs to jenkins CI   | laforge   | 05/15/2023 09:48 AM | Is duplicate of #4789             |
| 4700 | libosmcore | Bug     | Feedback    | Normal   | 'socket' C test fails when there is no IPv6  | neels     | 03/24/2021 12:33 PM |                                   |
| 5180 | libosmcore | Bug     | In Progress | Normal   | ns2: Document NS inspection/blocking commands  | lynxis    | 06/15/2021 01:10 PM |                                   |
| 4842 | libosmcore | Bug     | In Progress | Normal   | gsm0408 test fails on several architectures  | neels     | 08/23/2022 04:38 PM |                                   |
| 6438 | libosmcore | Bug     | New         | Normal   | write_config_file() calls blocking sync()  |           | 04/21/2024 10:26 AM |                                   |
| 6410 | libosmcore | Bug     | New         | Normal   | osmo_io poll backend doesn't work on file descriptors that are not sockets                 |           | 03/19/2024 07:33 PM |                                   |
| 6393 | libosmcore | Bug     | New         | Normal   | osmo_io conflating osmo_iofd_unregister vs osmo_iofd_close                                 | daniel    | 03/07/2024 09:47 AM |                                   |
| 6388 | libosmcore | Feature | New         | Normal   | stats_reporter via osmo_io / io_uring?   |           | 03/02/2024 04:54 PM | Related to #6388                  |
| 6374 | libosmcore | Bug     | New         | Normal   | libosmcore --disable-libsctp not tested by jenkins   |           | 02/23/2024 03:47 PM |                                   |
| 6360 | libosmcore | Bug     | New         | Normal   | libosmovty fails to parse commands like "test (foo bar) [(one two three)]"                 |           | 02/14/2024 09:25 PM |                                   |
| 6344 | libosmcore | Feature | New         | Normal   | New TS 24.008 Bearer Capability codec API  |           | 01/24/2024 11:19 PM | Related to #6344                  |
| 6232 | libosmcore | Bug     | New         | Normal   | jenkins should give all libosmcore config options a try                                    | osmith    | 10/22/2023 04:16 PM |                                   |
| 5864 | libosmcore | Bug     | New         | Normal   | Libosmcore: Fix order of config parsing output   |           | 02/04/2023 05:21 PM |                                   |
| 5818 | libosmcore | Bug     | New         | Normal   | multithreaded logging causes lock contention and needs a rework                            |           | 01/10/2024 09:05 AM |                                   |
| 5716 | libosmcore | Bug     | New         | Normal   | Replace dynamic (DEAD) NSE if we receive an NS_RESET from a conflicting NSVC               | lynxis    | 10/17/2022 04:40 PM |                                   |
| 5570 | libosmcore | Bug     | New         | Normal   | coding: decode in-band data in AMR's special DTX frames (SID_FIRST, SID_UPDATE, SID_ONSET) | fixeria   | 05/24/2022 08:34 AM | Related to #5570                  |
| 5507 | libosmcore | Feature | New         | Normal   | Optimize reset time after SGSN is restarted  | lynxis    | 03/31/2022 12:33 PM |                                   |
| 5277 | libosmcore | Bug     | New         | Normal   | ns2: Allow SNS-CONFIG PDUs from unknown endpoints during config procedure                  | lynxis    | 10/22/2021 02:28 PM |                                   |
| 5179 | libosmcore | Bug     | New         | Normal   | gprs_ns2: use refcounting for the NSE  | lynxis    | 06/13/2021 03:08 AM |                                   |
| 5029 | libosmcore | Bug     | New         | Normal   | vty: optional cases with multiple arguments is undefined behaviour                         |           | 02/18/2021 05:44 PM |                                   |
| 4908 | libosmcore | Bug     | New         | Normal   | Errors compiling with -std=c++14   |           | 03/01/2021 03:38 PM |                                   |

| #    | Project            | Tracker | Status   | Priority | Subject   | Assignee | Updated             | Related issues  |
|------|--------------------|---------|----------|----------|---|----------|---------------------|---|
| 4885 | libosmocore        | Bug     | New      | Normal   | configure doesn't check for python3   |          | 12/02/2020 03:36 AM |   |
| 4746 | libosmocore        | Bug     | New      | Normal   | gb: NS2: implement a NSE based logfilter  |          | 11/14/2020 08:42 AM |   |
| 4591 | libosmocore        | Feature | New      | Normal   | Export FSM states and statistics with counters                                    |          | 03/24/2021 12:34 PM |   |
| 4590 | libosmocore        | Feature | New      | Normal   | Export talloc data as counters for better memory leakage monitoring in production |          | 09/12/2022 03:53 PM |   |
| 4443 | libosmocore        | Bug     | New      | Normal   | CTRL interface blocks wildcard in rate_ctr  |          | 03/08/2020 01:06 PM | Related to #4443,Related to #4443                                   |
| 4265 | libosmocore        | Bug     | New      | Normal   | --enable-embedded doesn't work as expected  |          | 11/12/2019 11:18 AM |   |
| 4149 | libosmocore        | Bug     | New      | Normal   | osmo_fsm allows event names to have spaces in them                                | laforge  | 01/25/2022 09:53 AM |   |
| 4105 | libosmocore        | Feature | New      | Normal   | Support for LTE key derivation functions  | laforge  | 07/13/2019 02:07 AM | Related to #4105  |
| 4104 | libosmocore        | Bug     | New      | Normal   | support for KASME generation  | laforge  | 07/12/2019 10:15 AM | Related to #4105  |
| 3983 | libosmocore        | Bug     | New      | Normal   | osmo_fsm_inst_change_parent() forgets to talloc reparent                          |          | 03/24/2021 12:35 PM |   |
| 3909 | libosmocore        | Bug     | New      | Normal   | osmo_get_rand_id() fails in containerised environment                             |          | 03/24/2021 12:34 PM | Related to #3909  |
| 3521 | libosmocore        | Feature | New      | Normal   | core/utills: engineering notation helpers   | fixeria  | 09/04/2018 08:32 PM |   |
| 3309 | libosmocore        | Feature | New      | Normal   | osmo_timer_* should use monotonic clock   |          | 05/31/2018 03:59 PM | Related to #3309  |
| 2688 | libosmocore        | Bug     | New      | Normal   | CTRL iface: make rate_ctr request parser more strict                              |          | 03/24/2021 12:37 PM | Related to #4443  |
| 2677 | libosmocore        | Support | New      | Normal   | Make stat_item available over ctrl interface                                      |          | 09/04/2019 09:21 AM | Related to #2676  |
| 1987 | libosmocore        | Feature | New      | Normal   | gcov code coverage test support   |          | 12/01/2019 01:42 PM | Related to #1987,Is duplicate of #1987                              |
| 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 |
| 1716 | libosmocore        | Feature | New      | Normal   | enhance unit test coverage  |          | 08/17/2016 03:57 PM | Related to #1987,Precedes #1717                                     |
| 2815 | linmodem           | Feature | New      | Normal   | modern ptmx / pty handling (UNIX 98)  |          | 01/01/2018 02:48 PM |   |
| 2801 | linmodem           | Feature | New      | Normal   | V.90 completion   |          | 01/01/2018 12:18 PM |   |
| 2800 | linmodem           | Feature | New      | Normal   | Interop testing with real modems  |          | 01/01/2018 12:16 PM |   |
| 2799 | linmodem           | Feature | New      | Normal   | SIP client support  |          | 01/01/2020 08:05 PM |   |
| 2798 | linmodem           | Feature | New      | Normal   | ALSA Soundcard Support  |          | 01/01/2018 12:02 PM |   |
| 2797 | linmodem           | Bug     | New      | Normal   | X11 support is 16bit plane only   |          | 05/07/2022 11:34 PM |   |
| 6382 | Linux Kernel GTP-U | Bug     | Feedback | Normal   | "TC_pdp6_act_deact_gtpu_access" fails with kernel gtp-u                           |          | 03/05/2024 04:06 PM |   |

| #    | Project                                  | Tracker | Status      | Priority | Subject   | Assignee   | Updated             | Related issues   |
|------|--|---------|-------------|----------|---|------------|---------------------|------------------|
| 6103 | Linux Kernel GTP-U                       | Feature | Feedback    | Normal   | move from 1:1 relationship of UDP socket and net-device to a N:M relationship | pablo      | 10/06/2023 10:49 AM | Related to #6106 |
| 6212 | Linux Kernel GTP-U                       | Bug     | In Progress | Normal   | GTP extension headers   | pespin     | 10/18/2023 03:03 PM | Related to #6223 |
| 1832 | Linux Kernel GTP-U                       | Feature | New         | Normal   | OpenvSwitch GTP-u patch for 2.5   |            | 10/27/2016 08:56 AM |                  |
| 5002 | M.2 (NGFF) WWAN modem USB breakout board | Feature | New         | Normal   | Ensure current return paths via M.2 connector are sufficient                  | mschramm   | 03/23/2021 06:48 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 |                  |
| 5738 | Misc Hardware Projects                   | Bug     | New         | Normal   | Sim 800L module Connectivity  |            | 11/02/2022 06:55 PM |                  |
| 5672 | Misc Hardware Projects                   | Bug     | New         | Normal   | sfp-experimenter / voltage swing of LVDS driver insufficient for SFP spec     |            | 09/02/2022 03:27 PM |                  |
| 6129 | Miscellaneous Projects                   | Bug     | New         | Normal   | Discourse: Setting a custom avatar via upload fails                           |            | 08/02/2023 06:07 PM |                  |
| 3847 | Miscellaneous Projects                   | Feature | New         | Normal   | Osmocom logo with/for black background  | tsaitgaist | 12/10/2019 11:53 AM |                  |
| 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 |                  |
| 1482 | Mobile (in)Security                      | Bug     | New         | Normal   | Sending the TMSI of the old/previous network                                  |            | 02/21/2016 04:35 PM |                  |
| 1479 | Mobile (in)Security                      | Bug     | New         | Normal   | MTK stack unable to send MO-SMS on TCH/F                                      |            | 04/03/2019 09:01 AM |                  |
| 3038 | multi-voltage USB UART                   | Feature | New         | Normal   | Add mounting holes?   |            | 03/07/2018 02:12 AM |                  |
| 5694 | OCTOI - Osmocom Community TDM over IP    | Bug     | Stalled     | Normal   | BERT testing  | laforge    | 12/31/2022 08:24 PM |                  |
| 5693 | OCTOI - Osmocom Community TDM over IP    | Bug     | Stalled     | Normal   | no progress tones in yate   |            | 12/03/2023 11:10 AM |                  |
| 5434 | OCTOI - Osmocom Community TDM over IP    | Feature | Stalled     | Normal   | more statistics / counters  |            | 12/03/2023 11:17 AM |                  |
| 6282 | OCTOI - Osmocom Community TDM over IP    | Bug     | New         | Normal   | high BERT from laforge->divf->manawyrm  | manawyrm   | 12/03/2023 04:03 PM | Related to #6282 |
| 6281 | OCTOI - Osmocom Community TDM over IP    | Bug     | New         | Normal   | divf yate: calls to wave playback or loopback never connect                   |            | 12/04/2023 12:14 PM | Related to #6282 |
| 5883 | OCTOI - Osmocom Community TDM over IP    | Bug     | New         | Normal   | GPS sync sometimes goes to hold over  | tnt        | 01/30/2023 02:18 PM | Related to #5885 |

| #    | Project                               | Tracker | Status | Priority | Subject   | Assignee  | Updated             | Related issues   |
|------|---------------------------------------|---------|--------|----------|---|-----------|---------------------|------------------|
| 5546 | OCTOI - Osmocom Community TDM over IP | Feature | New    | Normal   | build frame relay "hub" similar to ISDN "hub"   |           | 04/24/2022 03:03 PM |                  |
| 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 |                  |
| 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 |                  |
| 5442 | OCTOI - Osmocom Community TDM over IP | Feature | New    | Normal   | ensure sequence number covers longer duration than default PRI LOS timer                  | laforge   | 02/06/2022 08:16 AM |                  |
| 5433 | OCTOI - Osmocom Community TDM over IP | Bug     | New    | Normal   | forwarding of TS0 / Alarms  |           | 01/30/2022 11:02 AM |                  |
| 5429 | OCTOI - Osmocom Community TDM over IP | Feature | New    | Normal   | authentication in TDMoIP protocol   | laforge   | 11/07/2022 05:29 PM |                  |
| 6323 | OP25                                  | Bug     | New    | Normal   | Install script is broken on Ubuntu 23.10  |           | 01/05/2024 07:54 PM |                  |
| 6192 | OP25                                  | Bug     | New    | Normal   | Unable to host behind NGINX reverse proxy   | max       | 09/27/2023 01:56 AM |                  |
| 4593 | OP25                                  | Support | New    | Normal   | Link to samples on the wiki is dead   | matt      | 06/07/2020 06:53 PM |                  |
| 4455 | OP25                                  | Feature | New    | Normal   | AMBE CODEC  |           | 03/28/2020 09:53 PM |                  |
| 4225 | OP25                                  | Support | New    | Normal   | Missing rules in cmake lists?   | 2CS350    | 10/12/2019 02:49 PM |                  |
| 4130 | OP25                                  | Bug     | New    | Normal   | OP25 User Interface   |           | 07/26/2019 02:36 AM |                  |
| 3776 | OP25                                  | Bug     | New    | Normal   | Build fail using gcc version 7.3.0 Ubuntu 18.04.1 LTS                                     |           | 07/05/2019 07:12 PM |                  |
| 3531 | OP25                                  | Bug     | New    | Normal   | Unknown status of the p25 wireshark plugin  |           | 10/06/2022 05:52 AM |                  |
| 5484 | Open Source IMS Client                | Feature | New    | Normal   | create setup for nested IPsec (doubango on top of StrongSWAN)                             |           | 03/07/2022 11:19 AM |                  |
| 5483 | Open Source IMS Client                | Feature | New    | Normal   | SIM card interface for strongswan   |           | 03/07/2022 03:19 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 |
| 6319 | Osmo-CC                               | Feature | New    | Normal   | protocol version should have a defined end marker   | neels     | 01/10/2024 01:31 PM |                  |
| 5380 | osmo-ccid-firmware                    | Bug     | New    | Normal   | Incorrect answer to PC_to_RDR_SetParameters CCID command                                  |           | 01/16/2022 08:55 PM |                  |
| 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 |                  |
| 4777 | osmo-ccid-firmware                    | Bug     | New    | Normal   | Reader does not answer to GET DATA RATES command  | Hoernchen | 10/14/2020 02:36 PM |                  |



| #    | Project  | Tracker | Status      | Priority | Subject   | Assignee  | Updated             | Related issues   |
|------|--|---------|-------------|----------|---|-----------|---------------------|------------------|
| 4776 | osmo-ccid-firmware                             | Bug     | New         | Normal   | Reader does not answer to GET CLOCK FREQUENCIES command                                 | Hoernchen | 10/03/2020 07:31 PM |                  |
| 4810 | osmo-clock-conv                                | Feature | New         | Normal   | horizontal DC input on rear side of PCB   | mschramm  | 10/15/2020 10:53 PM |                  |
| 4857 | osmo-clock-gen                                 | Bug     | Stalled     | Normal   | TLV9001IDBVR no longer in stock ag digikey  | mschramm  | 04/10/2021 10:22 PM |                  |
| 4431 | osmo-clock-gen                                 | Bug     | In Progress | Normal   | TC1 (TC2050) pin 4 should connect to VDD network, not VDD_3V3                           | laforge   | 07/20/2020 10:42 PM |                  |
| 5633 | osmo-clock-gen                                 | Feature | New         | Normal   | towards a first osmo-clock-gen production batch   | laforge   | 07/26/2022 12:39 PM |                  |
| 4917 | osmo-e1d                                       | Feature | Stalled     | Normal   | reporting of alarms/errors known to the icE1usb   | laforge   | 04/10/2022 10:36 AM |                  |
| 5824 | osmo-e1d                                       | Bug     | Feedback    | Normal   | Line dead message in the log after start  | laforge   | 12/25/2023 01:43 PM |                  |
| 5735 | osmo-e1d                                       | Bug     | New         | Normal   | ctl client disconnect doesn't re-set timeslot state                                     |           | 05/23/2023 06:19 AM |                  |
| 6396 | osmo-ePDG - VoWifi Evolved Packet Data Gateway | Bug     | Feedback    | Normal   | add support for auth failure with resync  | lynxis    | 03/11/2024 10:19 AM |                  |
| 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 |
| 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 |                  |
| 6435 | osmo-ePDG - VoWifi Evolved Packet Data Gateway | Bug     | In Progress | Normal   | epdg: fix inter-UE traffic  | lynxis    | 04/08/2024 06:55 PM |                  |
| 6370 | osmo-ePDG - VoWifi Evolved Packet Data Gateway | Bug     | In Progress | Normal   | setup ims with kamailio   | lynxis    | 03/14/2024 09:01 PM |                  |
| 6364 | osmo-ePDG - VoWifi Evolved Packet Data Gateway | Bug     | In Progress | Normal   | strongswan: gsup: remove single request limitation                                      | lynxis    | 02/20/2024 05:59 PM | Related to #6366 |
| 6408 | osmo-ePDG - VoWifi Evolved Packet Data Gateway | Feature | New         | Normal   | osmo-epdg: Support check IMEI   |           | 03/15/2024 06:45 PM |                  |
| 6407 | osmo-ePDG - VoWifi Evolved Packet Data Gateway | Feature | New         | Normal   | osmo-epdg: Support Emergency services (no IMSI)   |           | 03/15/2024 06:43 PM |                  |
| 6366 | osmo-ePDG - VoWifi Evolved Packet Data Gateway | Bug     | New         | Normal   | strongswan: test if gsup_client will resend old requests on reconnect                   | lynxis    | 02/18/2024 09:16 PM | Related to #6366 |
| 6365 | osmo-ePDG - VoWifi Evolved Packet Data Gateway | Bug     | New         | Normal   | strongswan: get the PDP type out of the IKE_AUTH/CFG_REQUEST                            | lynxis    | 02/23/2024 03:29 AM |                  |

| #    | Project  | Tracker | Status      | Priority | Subject   | Assignee  | Updated             | Related issues                                     |
|------|--|---------|-------------|----------|---|-----------|---------------------|--|
| 6363 | osmo-ePDG - VoWifi Evolved Packet Data Gateway | Bug     | New         | Normal   | strongswan: Catch IKEv2 disconnects   | lynxis    | 02/17/2024 01:21 AM |  |
| 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                                   |
| 5918 | osmo-fl2k                                      | Bug     | New         | Normal   | -flto broken in release   | steve-m   | 12/20/2023 08:43 PM |  |
| 4174 | osmo-fl2k                                      | Bug     | New         | Normal   | After the latest commits, the fl2k tools do not exit on first SIGINT          |           | 08/25/2019 04:57 PM |  |
| 4891 | osmo-gbproxy                                   | Bug     | Stalled     | Normal   | gbproxy2: Implement processing of BVC-Flow-Control via BVC FSM                | daniel    | 10/25/2021 05:51 AM | Related to #4891                                   |
| 4968 | osmo-gbproxy                                   | Bug     | Feedback    | Normal   | Multiple TTCN3 tests only expect one SGSN                                     | daniel    | 12/09/2021 09:17 PM | Related to #4968                                   |
| 4951 | osmo-gbproxy                                   | Feature | In Progress | Normal   | more TTCN3 tests for SGSN pooling   | daniel    | 07/08/2021 08:36 PM | Related to #4951,Related to #4952                  |
| 4520 | osmo-gbproxy                                   | Feature | In Progress | Normal   | gbproxy: Redundancy between NS-VCs (BSS Side)                                 | lynxis    | 02/19/2021 04:50 PM | Related to #4520                                   |
| 4961 | osmo-gbproxy                                   | Feature | New         | Normal   | gbproxy support for "network sharing" via MOCN                                |           | 01/20/2021 08:38 PM |  |
| 4897 | osmo-gbproxy                                   | Bug     | New         | Normal   | gbproxy2: Re-introduce handling of NS_AFF_CAUSE_FAILURE                       | daniel    | 03/10/2021 02:49 PM | Related to #4897,Related to #4952,Related to #5040 |
| 4521 | osmo-gbproxy                                   | Feature | New         | Normal   | gbproxy: Redundancy between NS-VCs (SGSN Side)                                | laforge   | 01/19/2021 05:24 PM | Related to #4959                                   |
| 1906 | osmo-qcdiag                                    | Bug     | Feedback    | Normal   | wireshark: fix decoding of (E)GPRS RLC/MAC frames                             | Hoernchen | 02/08/2021 08:07 PM |  |
| 2697 | osmo-qcdiag                                    | Feature | New         | Normal   | Create and add debian packages for osmo-qcdiag to osmocom debian repositories |           | 11/30/2017 06:03 PM |  |
| 1908 | osmo-qcdiag                                    | Feature | New         | Normal   | add VTY interface to osmo-qcdiag  | laforge   | 01/12/2017 01:15 PM |  |
| 1907 | osmo-qcdiag                                    | Bug     | New         | Normal   | osmo-qcdiag detects CRC errors relatively often                               |           | 01/23/2017 01:47 AM |  |
| 1901 | osmo-qcdiag                                    | Feature | New         | Normal   | osmo-qcdiag: Ability to read/write NV data                                    |           | 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 |  |
| 1899 | osmo-qcdiag                                    | Bug     | New         | Normal   | osmo-qcdiag: DIAG based pcap tracing (DPL) not working                        |           | 01/11/2017 12:15 PM |  |
| 5891 | osmo-remsim                                    | Bug     | New         | Normal   | bankd: potential pthread deadlock reported by coverity                        | laforge   | 02/03/2023 07:35 PM |  |
| 5614 | osmo-remsim                                    | Feature | New         | Normal   | log also application-level errors   | laforge   | 07/11/2022 08:09 PM |  |
| 4249 | osmo-remsim                                    | Feature | New         | Normal   | ability to explicitly provision an "empty SIM card slot" to a modem           | laforge   | 09/08/2021 07:48 PM | Related to #5216                                   |
| 3886 | osmo-remsim                                    | Feature | New         | Normal   | expose ICCID or even IMSI of all cards on remsim-server                       | laforge   | 05/08/2019 03:31 PM | Precedes #3886                                     |
| 3885 | osmo-remsim                                    | Feature | New         | Normal   | remsim-server should expose status information                                | laforge   | 04/01/2019 07:23 PM | Precedes #3885                                     |

| #    | Project            | Tracker | Status      | Priority | Subject  | Assignee | Updated             | Related issues   |
|------|--------------------|---------|-------------|----------|--|----------|---------------------|--|
| 3884 | osmo-remsim        | Feature | New         | Normal   | redesign bankd thread architecture   | laforge  | 05/08/2019 03:31 PM | Related to #5527,Precedes #3885,Precedes #3886                                       |
| 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 |  |
| 5462 | osmo-sip-connector | Bug     | New         | Normal   | Contact Header Missing - Way Forward?  |          | 02/21/2022 05:51 AM |  |
| 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  |
| 4352 | osmo-sip-connector | Bug     | New         | Normal   | Need to handle 401 Unauthorized  |          | 01/09/2020 02:03 PM |  |
| 4310 | osmo-sip-connector | Bug     | New         | Normal   | sends BYE to self  |          | 01/09/2020 09:21 AM |  |
| 3763 | osmo-sip-connector | Bug     | New         | Normal   | Implement correct handling for call answered elsewhere                         |          | 01/22/2019 01:03 PM |  |
| 3741 | osmo-sip-connector | Bug     | New         | Normal   | Unknow call parameters shown in vty  |          | 12/28/2018 02:01 PM |  |
| 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  |
| 1686 | osmo-sip-connector | Feature | New         | Normal   | osmo-sip-connector: Implement call holding on SIP                              |          | 10/20/2020 08:36 AM |  |
| 4498 | osmo-uecaps        | Feature | New         | Normal   | IPv6 neighbor discovery  | laforge  | 04/17/2020 08:33 AM |  |
| 5308 | OsmoBSC            | Bug     | Stalled     | Normal   | confusion around mgw e1 line vs trunk dichotomy                                | dexter   | 12/13/2021 03:52 PM |  |
| 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   |
| 4070 | OsmoBSC            | Bug     | Stalled     | Normal   | Implement IPA PING/PONG mechanism on RSL and OML                               | osmith   | 09/30/2020 08:13 PM | Related to #5785   |
| 3806 | OsmoBSC            | Bug     | Stalled     | Normal   | OsmoBSC accepts BSSAP with wrong length field                                  |          | 08/28/2020 08:15 PM | Related to #3806   |
| 1614 | OsmoBSC            | Bug     | Stalled     | Normal   | better identification of BTS model / capabilities to BSC                       |          | 05/12/2020 12:11 PM | Related to #1614,Related to #2316,Related to #2317,Related to #3799,Related to #3938 |
| 6422 | OsmoBSC            | Bug     | Feedback    | Normal   | latest: BSC_Tests.TC_ctrl_location started fo fail on March 15th               | fixeria  | 04/02/2024 06:56 PM |  |
| 6318 | OsmoBSC            | Bug     | Feedback    | Normal   | Show lchan shows wrong number of channels for TCH                              | neels    | 12/25/2023 01:01 AM |  |
| 4881 | OsmoBSC            | Bug     | Feedback    | Normal   | osmo-bsc with unixsocket to osmo-el2tpd fails to bring up rbs6k (dug20+rus12)  | 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  |

| #    | Project | Tracker | Status      | Priority | Subject   | Assignee                      | Updated             | Related issues  |
|------|---------|---------|-------------|----------|---|-------------------------------|---------------------|---|
| 3637 | OsmoBSC | Bug     | Feedback    | Normal   | handover decision 2: properly check available codecs  | neels                         | 10/09/2018 09:45 AM | Related to #3637,Related to #3637                                   |
| 3474 | OsmoBSC | Bug     | Feedback    | Normal   | SDCCH not released if Radio Link Failure / Sending Connection Failure: cause = 0x001 Experienced in osmo-bsc and osmo-bts-trx | ron.menez@entropysolution.com | 10/05/2020 09:33 PM |   |
| 2781 | OsmoBSC | Feature | Feedback    | Normal   | Extend OsmBSC TTCN-3 test coverage regarding resource leaks   | neels                         | 03/25/2022 05:56 AM | Related to #2781,Related to #2781,Related to #5355,Related to #5337 |
| 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                                   |
| 4922 | OsmoBSC | Feature | In Progress | Normal   | Implement MS Power Control  | keith                         | 11/04/2021 06:37 PM |   |
| 4537 | OsmoBSC | Feature | In Progress | Normal   | OsmoBSC needs strategies to recover broken lchans (lchan state BORKEN)  |                               | 11/20/2023 05:03 PM | Related to #4537,Related to #4540,Related to #4541,Related to #5106 |
| 6328 | OsmoBSC | Bug     | New         | Normal   | Channel Mode Modify fails to modify the RTP payload type number   |                               | 01/12/2024 06:24 AM | Related to #6328  |
| 6324 | OsmoBSC | Bug     | New         | Normal   | Making a data call results in BORKEN lchans   | osmith                        | 01/05/2024 09:04 PM |   |
| 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 |   |
| 6059 | OsmoBSC | Bug     | New         | Normal   | negotiate GSM-HR RTP packet format explicitly   | dexter                        | 06/13/2023 10:38 AM |   |
| 6019 | OsmoBSC | Bug     | New         | Normal   | "PCU version PCU socket has LOST connection connected"  | fixeria                       | 10/18/2023 05:42 PM |   |
| 6007 | OsmoBSC | Bug     | New         | Normal   | network -> bts -> gprs nsvc will always create a nsvc node  |                               | 04/17/2023 04:08 PM |   |
| 5991 | OsmoBSC | Bug     | New         | Normal   | Forward TSNS-PROV bsc->[bts->]pcu   | jolly                         | 12/17/2023 12:59 PM | Related to #5991  |
| 5986 | OsmoBSC | Bug     | New         | Normal   | PAGING impossible until CCCH LOAD IND is received from the BTS  | keith                         | 03/31/2023 09:13 AM |   |
| 5843 | OsmoBSC | Bug     | New         | Normal   | BTS features aren't reset after oml drop  |                               | 12/22/2022 09:27 PM |   |
| 5842 | OsmoBSC | Bug     | New         | Normal   | ipa: investigate NSVC local and remote port configuration difference with wireshark dissector                                 |                               | 12/22/2022 07:18 PM |   |
| 5712 | OsmoBSC | Bug     | New         | Normal   | LCLS FSM; Not possible to get out from NO_LONGER_LS   | dexter                        | 10/18/2022 09:03 AM | Related to #5712  |
| 5586 | OsmoBSC | Feature | New         | Normal   | Ericsson RBS could recover Unlocked state without osmo-bsc restart  |                               | 06/21/2022 10:23 PM | Related to #5983  |

| #    | Project | Tracker | Status | Priority | Subject   | Assignee | Updated             | Related issues                    |
|------|---------|---------|--------|----------|---|----------|---------------------|-----------------------------------|
| 5515 | OsmoBSC | Bug     | New    | Normal   | BSC_Tests: re-establishment: RA during CHAN RQD should reflect re-establishment                         |          | 04/06/2022 08:02 PM |                                   |
| 4930 | OsmoBSC | Bug     | New    | Normal   | bsc: cbc: vty: "no remote-ip" in cbc > client   |          | 12/31/2020 10:42 PM |                                   |
| 4884 | OsmoBSC | Bug     | New    | Normal   | RLL_REL_IND is recieved after RF_CHAN_REL   |          | 12/02/2020 11:51 AM |                                   |
| 4858 | OsmoBSC | Bug     | New    | Normal   | handover CHANnel ACTIVation: BSC sends timing advance for lchan activation in a different cell          |          | 11/10/2020 05:41 PM |                                   |
| 4768 | OsmoBSC | Bug     | New    | Normal   | pcu interface: add missing field ts, trx on rach indication   | lynxis   | 09/30/2020 08:10 PM |                                   |
| 4767 | OsmoBSC | Bug     | New    | Normal   | pcu interface: add suspend request support  |          | 09/29/2020 04:40 PM |                                   |
| 4766 | OsmoBSC | Bug     | New    | Normal   | pcu interface: add app info request   |          | 09/26/2020 10:21 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 |
| 4650 | OsmoBSC | Feature | New    | Normal   | Add BIG FAT error message in case OM2000 BTS fail to start up   | laforge  | 07/04/2020 07:30 PM |                                   |
| 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 |                                   |
| 4621 | OsmoBSC | Support | New    | Normal   | feedback: osmo-bsc modifies the LAI in LU Accept messages, and the MM info data                         | neels    | 02/06/2021 09:50 AM |                                   |
| 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 |                                   |
| 4560 | OsmoBSC | Bug     | New    | Normal   | inter-BSC HO: target cell fails when there is no TCH, only dynamic TCH/F_PDCH timeslots                 | neels    | 05/20/2020 09:00 PM |                                   |
| 4553 | OsmoBSC | Bug     | New    | Normal   | OsmoBSC doesn't handle RESET IP RESOURCE BSSMAP message   |          | 05/16/2020 07:44 PM |                                   |
| 4541 | OsmoBSC | Feature | New    | Normal   | add ttcn3 tests for situations of Abis latency spikes, where chan act/deact ACK messages arrive late    |          | 11/20/2023 05:03 PM | Related to #4541,Related to #6375 |
| 4538 | OsmoBSC | Bug     | New    | Normal   | timeslot_fsm.c: make the PDCH act/deact timeout configurable  |          | 05/09/2020 08:20 PM | Related to #4539                  |
| 4536 | OsmoBSC | Feature | New    | Normal   | Multi BTS support within a single physical device   |          | 06/21/2020 01:10 PM |                                   |
| 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                      |
| 3865 | OsmoBSC | Bug     | New    | Normal   | nanoBTS: GPRS not working anymore, modems unable to attach in osmo-gsm-tester                           |          | 05/11/2023 01:00 PM | Is duplicate of #3865             |
| 3814 | OsmoBSC | Bug     | New    | Normal   | MS Power Control Problem with Osmo-BSC and nanoBTS  |          | 02/24/2019 01:15 AM |                                   |
| 3656 | OsmoBSC | Feature | New    | Normal   | inter-BSC handover outgoing: compose Cell Identifier List from several ARFCN+BSIC                       | neels    | 06/08/2020 07:08 PM | Related to #3656                  |

| #    | Project    | Tracker | Status  | Priority | Subject   | Assignee | Updated             | Related issues                                 |
|------|------------|---------|---------|----------|---|----------|---------------------|--|
| 3586 | OsmoBSC    | Feature | New     | Normal   | support LCLS for inter-BSC handover   | neels    | 01/17/2019 04:18 PM | Related to #3586,Related to #3659              |
| 3505 | OsmoBSC    | Feature | New     | Normal   | ttcn3: test inter-BSC HO with encryption enabled  | neels    | 08/28/2018 06:38 PM | Related to #3505                               |
| 3483 | OsmoBSC    | Feature | New     | Normal   | handover decision: if rxlev is ok but rxqual is bad, move from TCH/H to TCH/F                   | neels    | 10/16/2018 01:53 PM | Related to #3483                               |
| 3481 | OsmoBSC    | Feature | New     | Normal   | handover from TCH/H to TCH/F to reduce load   |          | 06/08/2020 07:08 PM | Related to #3481,Related to #3481              |
| 3480 | OsmoBSC    | Feature | New     | Normal   | handover from TCH/F to TCH/H to reduce load   |          | 06/08/2020 07:08 PM | Related to #3480,Related to #3481              |
| 3479 | OsmoBSC    | Feature | New     | Normal   | test "every single failure" in osmo-bsc FSMs  |          | 08/20/2018 11:15 AM | Related to #3479                               |
| 3330 | OsmoBSC    | Feature | New     | Normal   | osmo-bsc: Implement IMMEDIATE ASSIGNMENT EXTENDED   |          | 06/08/2018 12:14 PM | Related to #3330                               |
| 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 |  |
| 3097 | OsmoBSC    | Feature | New     | Normal   | ramping of "rxlev access min"   |          | 03/22/2018 11:51 AM | Related to #3097                               |
| 3020 | OsmoBSC    | Bug     | New     | Normal   | OsmoBSC PCU socket interface not yet tested by BSC_Tests.ttcn                                   | laforge  | 05/21/2019 06:29 PM |  |
| 3002 | OsmoBSC    | Bug     | New     | Normal   | HO2: handover decision for dynamic timeslots  | neels    | 10/28/2020 08:46 PM | Related to #1606,Related to #1608,Blocks #3002 |
| 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              |
| 2724 | OsmoBSC    | Feature | New     | Normal   | Improve default timers  | laforge  | 01/04/2018 11:06 AM | Related to #2724                               |
| 2382 | OsmoBSC    | Bug     | New     | Normal   | T3105 not consistently communicated to all BTS models   |          | 03/05/2018 07:02 PM |  |
| 1858 | OsmoBSC    | Feature | New     | Normal   | make BSC also generate ALERTs   |          | 12/10/2017 07:59 PM |  |
| 1857 | OsmoBSC    | Feature | New     | Normal   | aggregate and report OML ALERT messages received from BTSs                                      |          | 12/10/2017 08:16 PM | Related to #1615,Related to #1605              |
| 34   | OsmoBSC    | Bug     | New     | Normal   | ipaccess init code needs proper state machines  |          | 12/10/2017 08:16 PM | Related to #34                                 |
| 5492 | OsmoBSCNAT | Bug     | New     | Normal   | Support MSC pooling   | osmith   | 04/11/2022 08:19 AM |  |
| 4124 | OsmoBSCNAT | Feature | New     | Normal   | OsmoBSCNAT : Write user manual  |          | 01/08/2020 10:56 PM | Related to #4124                               |
| 5242 | OsmoBTS    | Bug     | Stalled | Normal   | A-bis/RSL: CRCX ACK indicates '0.0.0.0' as the local/bind address                               | fixeria  | 05/01/2022 01:15 PM |  |

| #    | Project | Tracker | Status      | Priority | Subject  | Assignee | Updated             | Related issues   |
|------|---------|---------|-------------|----------|--|----------|---------------------|--|
| 4941 | OsmoBTS | Feature | Stalled     | Normal   | VAMOS support in OsmoBTS   | fixeria  | 03/18/2022 01:19 AM | Related to #4941,Related to #4941,Blocks #4941   |
| 4801 | OsmoBTS | Bug     | Stalled     | Normal   | BTS_Tests.TC_tch_sign_l2_fill_frame_dtxd fails   | fixeria  | 11/15/2023 08:32 AM | Related to #4801,Related to #5474  |
| 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   |
| 4023 | OsmoBTS | Bug     | Stalled     | Normal   | Missing coverage of PCU interface in osmo-bts  |          | 03/21/2023 01:07 PM | Related to #4023   |
| 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 |  |
| 3569 | OsmoBTS | Bug     | Stalled     | Normal   | Some phones don't receive SMS CB   | laforge  | 01/14/2019 03:32 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 |
| 5953 | OsmoBTS | Bug     | Feedback    | Normal   | ttcn3-bts-test: TC_ms_pwr_ctrl_{constant,pf_ewma} are failing  | fixeria  | 03/25/2024 05:19 PM |  |
| 5774 | OsmoBTS | Bug     | Feedback    | Normal   | Drop pcu_sock conn if queue length grows up to a given threshold   | jolly    | 12/17/2023 12:59 PM |  |
| 6270 | OsmoBTS | Bug     | In Progress | Normal   | osmo-bts sends version report every 5s to BSC?   | dexter   | 02/19/2024 03:06 PM |  |
| 6036 | OsmoBTS | Feature | New         | Normal   | Implement ternary SID classification for HR1 uplink  |          | 05/17/2023 09:48 PM | Related to #6036,Related to #6036  |
| 5952 | OsmoBTS | Bug     | New         | Normal   | ttcn3-bts-test: TC_ho_physical_info fails  | fixeria  | 11/15/2023 08:23 AM |  |
| 5576 | OsmoBTS | Bug     | New         | Normal   | osmo-bts not moving NM state "Enabled -> DisabledDependency" when Admin state becomes Locked               |          | 06/02/2022 10:38 AM |  |
| 5517 | OsmoBTS | Bug     | New         | Normal   | ttcn3-bts-test: new sporadic test case failures  | fixeria  | 03/20/2023 11:45 PM |  |
| 5474 | OsmoBTS | Bug     | New         | Normal   | osmo-bts-trx: DTXd support not implemented   |          | 03/02/2022 05:06 PM | Related to #5474,Related to #5474  |
| 5338 | OsmoBTS | Bug     | New         | Normal   | LMSDevice.cpp:261 Power parameters requested before Tx Frequency was set! Providing band 900 by default... |          | 12/09/2021 11:42 PM |  |

| #    | Project  | Tracker | Status | Priority | Subject  | Assignee | Updated             | Related issues                                     |
|------|--|---------|--------|----------|--|----------|---------------------|--|
| 5025 | OsmoBTS  | Feature | New    | Normal   | Missing TTCN-3 coverage for the Timing Advance loop  | fixeria  | 07/02/2021 04:28 PM |  |
| 4985 | OsmoBTS  | Bug     | New    | Normal   | AMR RTP CMR of downlink frames not used to influence CMC                                     |          | 01/28/2021 01:35 PM |  |
| 4827 | OsmoBTS  | Bug     | New    | Normal   | OsmoBTS VTU is lacking various vital information   |          | 10/23/2020 07:14 PM |  |
| 4579 | OsmoBTS  | Bug     | New    | Normal   | add IPv6 support   |          | 02/12/2021 12:26 PM |  |
| 4440 | OsmoBTS  | Bug     | New    | Normal   | osmo_bts_virtual doesn't detect if mobile/virtphy is gone                                    | laforge  | 03/07/2020 03:44 PM |  |
| 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 |  |
| 4082 | OsmoBTS  | Bug     | New    | Normal   | OML: Unknown/unhandled PCHAN type: 0 NONE  |          | 11/18/2019 10:09 AM |  |
| 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                  |
| 4009 | OsmoBTS  | Bug     | New    | Normal   | Channel Activation starts SACCH too early in Synchronous Handover                            |          | 03/11/2022 12:44 PM | Related to #4009,Related to #4010,Related to #4009 |
| 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 |  |
| 3751 | OsmoBTS  | Support | New    | Normal   | Ensure BTS Tests.tcn results of OC-2G resemble what we know/expect from osmo-bts-{sysmo,trx} |          | 12/01/2019 10:52 AM |  |
| 3329 | OsmoBTS  | Feature | New    | Normal   | osmo-bts: Implement IMMEDIATE ASSIGNMENT EXTENDED  |          | 06/08/2018 12:02 PM | Related to #3330                                   |
| 1577 | OsmoBTS  | Bug     | New    | Normal   | mph_send_config_logchpar doesn't update encryption config                                    |          | 02/23/2016 03:39 PM |  |
| 5721 | OsmoCBC  | Feature | New    | Normal   | CBC messages Geographical Scope and CBS Index  |          | 10/19/2022 07:23 AM |  |
| 5641 | OsmoCBC  | Feature | New    | Normal   | OsmoCBC doesn't yet support reloading cells becoming operational with active messages        |          | 08/05/2022 05:10 PM |  |
| 5247 | Osmocom Analog   | Bug     | New    | Normal   | AMPS Segmentation fault  | jolly    | 10/04/2021 11:48 PM |  |
| 3672 | Osmocom Analog   | Feature | New    | Normal   | Custom announcement and tones  | jolly    | 02/01/2021 10:25 AM |  |
| 6392 | Osmocom Conferences (OsmoDevCon, OsmoCon, OsmoDevCall) | Feature | New    | Normal   | video recording / c3voc at OsmoDevCon 2024   | laforge  | 03/06/2024 12:08 PM |  |
| 6291 | Osmocom Conferences (OsmoDevCon, OsmoCon, OsmoDevCall) | Bug     | New    | Normal   | 2024 event bringing together FOSS projects related to mobile communications                  | laforge  | 12/13/2023 08:54 PM |  |



| #    | Project  | Tracker | Status   | Priority | Subject  | Assignee  | Updated             | Related issues  |
|------|--|---------|----------|----------|--|-----------|---------------------|---|
| 3201 | Osmocom Conferences (OsmoDevCon, OsmoCon, OsmoDevCall) | Bug     | New      | Normal   | OsmoDevCon: Add one more rectangular table                       |           | 04/23/2018 07:00 PM |   |
| 3200 | Osmocom Conferences (OsmoDevCon, OsmoCon, OsmoDevCall) | Bug     | New      | Normal   | OsmoDevCon: Use loudspeakers even at IN-Berlin                   |           | 04/23/2018 06:53 PM |   |
| 2292 | Osmocom Conferences (OsmoDevCon, OsmoCon, OsmoDevCall) | Bug     | New      | Normal   | Time with community users during OsmoCon                         |           | 05/25/2017 03:03 PM |   |
| 2179 | Osmocom Conferences (OsmoDevCon, OsmoCon, OsmoDevCall) | Bug     | New      | Normal   | no sign about OsmoCon outside of venue                           |           | 04/24/2017 07:10 PM |   |
| 5644 | Osmocom Libraries                                      | Bug     | New      | Normal   | Check library pkg-config files for proper dependencies           |           | 08/10/2022 01:02 PM | Related to #5644  |
| 5502 | OsmocomBB  | Feature | Stalled  | Normal   | MS-side LLC implementation                                       | pespin    | 09/14/2023 03:59 PM | Related to #5502,Related to #5502                                   |
| 5501 | OsmocomBB  | Feature | Stalled  | Normal   | MS-side GPRS Mobility Management (GMM) + Session Management (SM) | pespin    | 09/14/2023 04:03 PM | Related to #5501,Related to #5502,Related to #5504,Related to #5505 |
| 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                      |
| 6342 | OsmocomBB  | Bug     | Feedback | Normal   | ms-sdr gprs performance  | Hoernchen | 02/05/2024 05:00 PM | Related to #6342  |
| 6338 | OsmocomBB  | Bug     | Feedback | Normal   | ms-sdr gprs startup issues                                       | Hoernchen | 01/24/2024 03:58 PM |   |
| 6115 | OsmocomBB  | Feature | Feedback | Normal   | modem: MTU not set properly on tun iface                         | pespin    | 12/08/2023 05:48 PM | Related to #6115,Related to #6298                                   |
| 5503 | OsmocomBB  | Feature | Feedback | Normal   | expose GPRS user plane via tun device                            | pespin    | 08/28/2023 10:38 PM | Related to #6115  |
| 5171 | OsmocomBB  | Bug     | Feedback | Normal   | ccch_scan failed   | thor123   | 06/09/2021 12:06 AM |   |
| 1990 | OsmocomBB  | Bug     | Feedback | Normal   | bb nand flash  | yangkkokk | 07/10/2017 10:22 PM |   |

| #    | Project   | Tracker | Status      | Priority | Subject  | Assignee | Updated             | Related issues                    |
|------|-----------|---------|-------------|----------|--|----------|---------------------|-----------------------------------|
| 4030 | OsmocomBB | Feature | In Progress | Normal   | design breakout board for GTM900-B   | mschramm | 01/05/2024 08:00 AM | Related to #4575,Related to #4610 |
| 1954 | OsmocomBB | Bug     | In Progress | Normal   | Motorola C188 with Osmocombb firmwre(RAM version) can't scan out any base stations |          | 07/10/2017 10:24 PM |                                   |

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