

## 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 |                                                                     |
| 6096 | OsmoGGSN (former OpenGGSN)                             | Feature | In Progress | Urgent    | add support for kernel-GTP IPv6                                                        | osmith    | 03/25/2024 12:10 PM | Related to #6096,Related to #6106,Related to #6096,Blocks #6096     |
| 5861 | osmo-ePDG - VoWifi Evolved Packet Data Gateway         | Feature | In Progress | Urgent    | extend charon with external authentication interface                                   | lynxis    | 02/07/2024 04:00 PM | Related to #5868                                                    |
| 5574 | OsmoBSCNAT                                             | Bug     | New         | Urgent    | OsmoBSCNAT testsuite running in jenkins                                                | Hoernchen | 10/06/2022 11:46 AM | Related to #5574                                                    |
| 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                                                    |
| 5481 | Open Source IMS Client                                 | Feature | New         | Urgent    | SIM card interface for doubango                                                        | laforge   | 03/25/2022 11:00 AM | Related to #5482                                                    |
| 5106 | OsmoBSC                                                | Feature | Feedback    | Urgent    | Watchdog that would try to un-BORKE BORKen timeslots                                   | keith     | 02/07/2023 06:25 PM | Related to #5106,Related to #5785,Related to #5786,Related to #5106 |
| 4206 | Qualcomm Linux Modems by Quectel & Co                  | Support | New         | Urgent    | Unbrick cpe router without web ui interface and terminal                               |           | 02/22/2021 02:01 PM |                                                                     |
| 3819 | gr-osmosdr                                             | Support | New         | Urgent    | OSMO SDR blocks for GNUradio                                                           |           | 02/28/2019 06:00 PM |                                                                     |
| 6436 | OsmoPCU                                                | Bug     | New         | High      | high cpu usage, entire BTS unresponsive after some hours                               | keith     | 04/13/2024 04:32 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 |                                                                     |
| 6337 | OsmocomBB                                              | Bug     | New         | High      | bad fr audio with gapk/ms-sdr                                                          |           | 01/22/2024 09:21 PM | Related to #6337                                                    |
| 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                                   |
| 6290 | Osmocom Conferences (OsmoDevCon, OsmoCon, OsmoDevCall) | Feature | In Progress | High      | Organize OsmoDevCon 2024                                                               | laforge   | 03/06/2024 12:06 PM |                                                                     |
| 6223 | OsmoGGSN (former OpenGGSN)                             | Feature | In Progress | High      | TTCN3 unit test[s] for GTPv1U with extension headers                                   | osmith    | 01/31/2024 08:19 PM | Related to #6223                                                    |
| 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                                       |
| 6169 | osmo-e1d                                               | Bug     | New         | High      | Frame masking against network frame ordering, not frame numbers                        | laforge   | 10/18/2023 03:19 PM |                                                                     |

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| 6091 | osmo-ePDG - VoWifi Evolved Packet Data Gateway | Bug     | Feedback    | High     | osmo-epdg: Implement CEAI interface (GSUP) ePDG <-> strongswan                            | lynxis    | 03/14/2024 04:36 PM |                                                    |
| 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 |                                                    |
| 5921 | SIMtrace 2                                     | Bug     | In Progress | High     | simtrace2 cardem vs. Linux kernel USB autosuspend                                         | laforge   | 09/16/2023 10:47 PM | Related to #5921                                   |
| 5880 | OsmoSGSN                                       | Bug     | In Progress | High     | User Manual sections 11.1.1-2 document non-existing (removed?) VTY commands               | lynxis    | 03/28/2023 02:45 PM |                                                    |
| 5755 | OsmoBSC                                        | Feature | In Progress | High     | io_uring support in osmo-bsc                                                              | jolly     | 03/02/2024 08:06 PM | Related to #5755,Related to #6357                  |
| 5731 | gr-osmosdr                                     | Bug     | New         | High     | Install gr-osmosdr on Ubuntu 20.04                                                        |           | 10/27/2022 01:39 PM |                                                    |
| 5571 | Ericsson RBS 6xxx                              | Bug     | New         | High     | DUG can come up, but with Avail: "Power Off"                                              | dexter    | 11/08/2022 05:10 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 |
| 5563 | OsmoMSC                                        | Bug     | Stalled     | High     | OsmoMSC sometimes stalls for dozens of seconds in a production deployment                 | laforge   | 08/04/2022 08:15 AM | Related to #5564,Related to #5563,Related to #5566 |
| 5527 | osmo-remsim                                    | Bug     | Stalled     | High     | warn on duplicate client (id) connections                                                 | laforge   | 07/13/2022 01:25 PM | Related to #5527                                   |
| 5516 | OsmoTRX                                        | Feature | In Progress | High     | BladeRF 2.0 Support                                                                       | Hoernchen | 02/14/2023 02:59 PM | Is duplicate of #2430                              |
| 5480 | Open Source IMS Client                         | Feature | In Progress | High     | Linux kernel IPsec plugin for doubango                                                    | laforge   | 03/25/2022 10:44 AM |                                                    |
| 5425 | gr-osmosdr                                     | Bug     | New         | High     | Problem receiving samples using dual receivers with BladeRF                               |           | 01/29/2022 04:22 AM |                                                    |
| 5419 | SIMtrace 2                                     | Bug     | Stalled     | High     | cardem errors with higher baud rate                                                       | laforge   | 11/07/2022 06:22 PM |                                                    |
| 5396 | OsmocomDECT                                    | Bug     | New         | High     | TcpDump/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 |                                                    |
| 5349 | OsmoSGSN                                       | Bug     | In Progress | High     | Message for non-existing SNDCP Entity                                                     |           | 07/17/2023 04:42 PM |                                                    |
| 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                                   |
| 5144 | gr-osmosdr                                     | Bug     | New         | High     | Support multiple Airspy devices                                                           | horiz0n   | 10/21/2023 07:22 PM |                                                    |
| 5057 | OsmoMSC                                        | Bug     | New         | High     | Can only send a maximum of 15 SMPP messages?                                              | Hoernchen | 09/15/2021 09:53 AM |                                                    |
| 4940 | OsmoBSC                                        | Feature | Stalled     | High     | VAMOS support in OsmoBSC                                                                  | neels     | 08/11/2021 02:47 PM | Related to #4941                                   |

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|------|---------------------------------|---------|-------------|----------|------------------------------------------------------------------------------------------------------------|-----------|---------------------|------------------------------------------------------------------------------------------------------------------------|
| 4916 | osmo-e1d                        | Bug     | Stalled     | High     | USB unplug / replugin renders e1d unusable                                                                 | laforge   | 12/04/2023 12:34 PM | Related to #5983                                                                                                       |
| 4879 | OsmoPCU                         | Bug     | Stalled     | High     | endless pdch.cpp:809 Got CS-N RLC block: R=0, SI=0, TFI=0, CPS=0, RSB=0, rc=264                            | fixeria   | 07/28/2023 02:46 PM |                                                                                                                        |
| 4830 | OsmoMSC                         | Bug     | In Progress | High     | LU reject when no authentication data in HLR but "authentication optional"                                 | neels     | 10/10/2022 02:03 PM |                                                                                                                        |
| 4829 | OsmocomBB                       | Bug     | Stalled     | High     | OsmocomBB Rx bit errors in dedicated mode                                                                  | laforge   | 02/06/2021 09:11 AM | Related to #4832                                                                                                       |
| 4781 | osmo-qcdiag                     | Bug     | New         | High     | get hoernchen/gsmmap branch merged                                                                         | Hoernchen | 10/06/2020 03:18 PM |                                                                                                                        |
| 4771 | OsmoBTS                         | Bug     | Stalled     | High     | Don't log NOTICE messages on missing uplink bursts                                                         | fixeria   | 11/16/2021 03:05 PM |                                                                                                                        |
| 4658 | OsmocomBB                       | Bug     | Stalled     | High     | Wrong burst order in a multi-trx setup                                                                     | fixeria   | 09/14/2020 10:18 AM | Related to #4658,Related to #4658                                                                                      |
| 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 |                                                                                                                        |
| 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                                                                                                       |
| 4578 | Cellular Network Infrastructure | Bug     | New         | High     | Updated slides / presentations / videos on setting up Osmocom CN1                                          | laforge   | 02/13/2021 05:35 PM |                                                                                                                        |
| 4576 | Core testing infrastructure     | Bug     | Stalled     | High     | ttcn3-hlr-tests need to route multicast traffic between ttcn3-hlr-test and osmo-hlr-master containers      | neels     | 10/28/2020 09:48 PM |                                                                                                                        |
| 4522 | osmo-gbproxy                    | Feature | Stalled     | High     | gbproxy: Redundancy within proxy pair                                                                      | daniel    | 07/09/2021 06:43 PM |                                                                                                                        |
| 4383 | pySim                           | Bug     | Stalled     | High     | Jenkins build verification is non-deterministic                                                            | dexter    | 04/06/2021 04:58 PM | Related to #4384,Related to #5127                                                                                      |
| 4312 | OsmoHLR                         | Bug     | New         | High     | GSUP keepalives / connection loss detection                                                                |           | 10/12/2020 02:42 PM |                                                                                                                        |
| 4308 | Distributed GSM                 | Support | New         | High     | thoughts about incorporating credit / billing in D-GSM                                                     |           | 12/04/2019 04:08 PM |                                                                                                                        |
| 4222 | OsmoSGSN                        | Bug     | New         | High     | Implement PS Paging for the Routing Areas                                                                  |           | 10/03/2020 02:20 PM | Related to #4222                                                                                                       |
| 4107 | Cellular Network Infrastructure | Feature | In Progress | High     | Start systemd services as non-root user                                                                    | osmith    | 04/29/2024 08:12 AM | Related to #4107,Related to #4821,Related to #4107,Related to #5669,Related to #5685,Related to #5687,Related to #5722 |
| 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                                                                     |
| 3977 | OsmoCBC                         | Feature | New         | High     | SABP stream delineation routines                                                                           | laforge   | 09/23/2019 04:49 AM | Related to #3979,Related to #4944                                                                                      |

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| 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 |                                                                                                                        |
| 3734 | gr-osmosdr                      | Bug     | New     | High     | Cannot compile gr-osmocom                                                                                         |          | 12/16/2018 12:22 AM |                                                                                                                        |
| 3717 | OsmoHLR                         | Bug     | Stalled | High     | SS/USSD: fix SS session inactivity timeout                                                                        | fixeria  | 12/05/2018 08:45 PM |                                                                                                                        |
| 3659 | OsmoBSC                         | Feature | Stalled | High     | handover during LCLS directly between BTSs                                                                        | dexter   | 05/22/2023 09:23 AM | Related to #3659,Related to #3659,Related to #3659,Related to #3659,Related to #3659,Related to #3659,Related to #3783 |
| 3568 | OsmoBTS                         | Bug     | Stalled | High     | CBCH on SDCCH/8 not working for osmo-bts-sysmo                                                                    | laforge  | 01/14/2019 03:29 PM |                                                                                                                        |
| 3399 | OsmocomBB                       | Feature | Stalled | High     | mobile: refactor / finish external MNCC handler implementation                                                    | fixeria  | 10/04/2018 09:07 PM |                                                                                                                        |
| 3379 | SIMtrace 2                      | Bug     | Stalled | High     | documentation on how to use SIMtrace2                                                                             | laforge  | 11/14/2022 05:31 PM | Related to #3379                                                                                                       |
| 3341 | OsmoTRX                         | Bug     | Stalled | High     | osmo-trx-lms RF Envelope FAIL on LimeSDR, but not on LimeSDR-mini                                                 |          | 09/30/2020 08:08 PM | Related to #3341,Related to #3861,Blocks #3341                                                                         |
| 3294 | OsmoMSC                         | Bug     | Stalled | High     | transaction: refactor callref allocation                                                                          | neels    | 12/16/2019 02:37 PM | Related to #3294,Related to #3294,Related to #4333,Related to #4854                                                    |
| 3155 | OsmoBTS                         | Feature | Stalled | High     | execute BTS_Tests.ttcn with real (C123) phone hardware in LTHW setup                                              | pespin   | 12/04/2020 07:30 PM | Related to #3353,Related to #3155                                                                                      |
| 2955 | OsmoSGSN                        | Bug     | New     | High     | No GMM ATTACH REJECT on GSUP UpdateLocation Error                                                                 | lynxis   | 09/10/2019 07:39 PM |                                                                                                                        |
| 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 |                                                                                                                        |
| 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                                                                                      |
| 2622 | OsmoBSC                         | Support | Stalled | High     | Prepare automatic interop testing of OsmoBSC against NG40 core simulator + osmo-bts-virtual + mobile              |          | 09/04/2019 09:18 AM | Related to #2478,Related to #2558,Related to #2555                                                                     |
| 2604 | Cellular Network Infrastructure | Feature | Stalled | High     | GSUP-to-DIAMETER converter / IWF                                                                                  | laforge  | 02/29/2020 11:27 AM | Related to #5646                                                                                                       |
| 2409 | OsmocomBB                       | Feature | Stalled | High     | Add GPRS support to virt_phy and L1CTL                                                                            | fixeria  | 08/19/2022 03:06 PM |                                                                                                                        |

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|------|--------------------|---------|-------------|----------|--------------------------------------------------------------------------|----------|---------------------|----------------------------------------------------|
| 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 |
| 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 |                                                    |
| 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 |                                                    |
| 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                  |
| 1925 | OsmoPCU            | Bug     | New         | High     | Fix padding for MCS8 transition                                          |          | 01/08/2020 10:31 PM |                                                    |
| 1766 | OsmoPCU            | Bug     | In Progress | High     | KPIs for OsmoPCU: EGPRS                                                  |          | 01/22/2020 02:06 PM | Related to #1766,Related to #1766                  |
| 1759 | OsmoPCU            | Bug     | Stalled     | High     | Wrong calculation of DL window size for DL assignment                    |          | 01/22/2020 04:01 PM | Related to #1533,Related to #1524                  |
| 1705 | SIMtrace 2         | Bug     | Stalled     | High     | re-integrate tracing + card reader modes into SIMtrace2 firmware (SAM3S) | laforge  | 04/06/2021 01:19 AM | Related to #1705,Related to #3379                  |
| 1560 | OsmoPCU            | Feature | New         | High     | EDGE benchmarking / performance optimization / tuning                    |          | 01/08/2020 10:31 PM |                                                    |
| 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 |                                                    |

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| 1505 | UmTRX                                          | Bug     | New         | High     | OHM4 footprint incorrect                                                                                                                         |          | 02/19/2016 10:52 PM |                                   |
| 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 |                                   |
| 1474 | SDR (Software Defined Radio)                   | Bug     | New         | High     | USB Claim Interface Error                                                                                                                        | steve-m  | 02/20/2016 08:23 PM |                                   |
| 1462 | OsmocomBB                                      | Bug     | New         | High     | ../src/utils.c:182:7: error: only weak aliases are supported in this configuration                                                               |          | 02/21/2016 04:48 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 |
| 1458 | OsmocomBB                                      | Bug     | New         | High     | AGC broken (strong cell cannot be synced)                                                                                                        | tnt      | 07/18/2019 06:10 AM | Related to #3582                  |
| 6444 | OsmoUPF                                        | Bug     | In Progress | Normal   | cap_net_admin for osmo-upf installation                                                                                                          | osmith   | 04/30/2024 07:54 AM |                                   |
| 6443 | gr-osmosdr                                     | Bug     | New         | Normal   | RF gain: erroneously using 14                                                                                                                    | horiz0n  | 04/27/2024 06:21 PM |                                   |
| 6442 | OsmoSGSN                                       | Bug     | New         | Normal   | SGSN does not answer to first GMM ATTACH REQUEST                                                                                                 |          | 04/30/2024 01:25 PM |                                   |
| 6441 | OsmoSGSN                                       | Bug     | New         | Normal   | use-after-free on RAU with invalid Old RAI                                                                                                       |          | 04/22/2024 01:23 PM | Related to #6441                  |
| 6440 | libosmocore                                    | Bug     | Feedback    | Normal   | VTY: 'write file' breaks 'show startup-config'                                                                                                   |          | 04/26/2024 04:23 AM |                                   |
| 6438 | libosmocore                                    | Bug     | New         | Normal   | write_config_file() calls blocking sync()                                                                                                        |          | 04/26/2024 09:15 AM |                                   |
| 6437 | libosmocore                                    | Bug     | Feedback    | Normal   | osmo_io_ops segmentation_cb missing parameter holding state                                                                                      | pespin   | 04/19/2024 10:17 AM |                                   |
| 6435 | osmo-ePDG - VoWifi Evolved Packet Data Gateway | Bug     | In Progress | Normal   | epdg: fix inter-UE traffic                                                                                                                       | lynxis   | 04/08/2024 06:55 PM |                                   |
| 6434 | E1/T1 Hardware Interface (including icE1usb)   | Support | New         | Normal   | D-channel do not recover after underrun                                                                                                          |          | 04/27/2024 09:03 PM |                                   |
| 6433 | OsmoHNBGW                                      | Bug     | New         | Normal   | DLGLOBAL ERROR counter group 'hnb' already exists for index 0, instead using index 1. This is a software bug that needs fixing. (rate_ctr.c:221) |          | 04/04/2024 11:11 PM |                                   |
| 6431 | OsmoHNBGW                                      | Bug     | New         | Normal   | (coverity) uninitialized asn.1 state / overwriting asn.1 state in HNBAP                                                                          | neels    | 04/04/2024 11:08 PM |                                   |
| 6427 | OsmoMSC                                        | Bug     | New         | Normal   | ttn3-msc-test: TC_mo_ussd_for_unknown_trans fails sporadically                                                                                   |          | 04/02/2024 03:01 PM | Related to #6427                  |
| 6426 | OsmoMSC                                        | Bug     | Feedback    | Normal   | ttn3-msc-test: TC_mm_id_resp_no_identity fails sporadically                                                                                      | fixeria  | 04/03/2024 06:49 PM | Related to #6426,Related to #6427 |

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| 6422 | OsmoBSC                                                | Bug     | Feedback    | Normal   | latest: BSC_Tests.TC_ctrl_location started fo fail on March 15th           | fixeria   | 04/02/2024 06:56 PM |                  |
| 6418 | pySim                                                  | Bug     | New         | Normal   | osmo-smdpp docs                                                            |           | 03/25/2024 05:54 PM |                  |
| 6416 | E1/T1 Hardware Interface (including icE1usb)           | Support | Feedback    | Normal   | Serial debug tty port speed                                                | pfassberg | 03/22/2024 06:52 PM |                  |
| 6413 | rtl-sdr                                                | Bug     | New         | Normal   | Incorrect Debian/Debian-like binary packages                               | steve-m   | 03/22/2024 05:09 PM |                  |
| 6411 | Cellular Network Infrastructure                        | Bug     | Stalled     | Normal   | ttn3: execute testsuites with a more realistic link performance            |           | 04/03/2024 06:25 PM |                  |
| 6410 | libosmocore                                            | Bug     | New         | Normal   | osmo_io poll backend doesn't work on file descriptors that are not sockets |           | 03/19/2024 07:33 PM |                  |
| 6408 | osmo-ePDG - VoWifi Evolved Packet Data Gateway         | Feature | New         | Normal   | osmo-epdg: Support check IMEI                                              |           | 03/15/2024 06:45 PM |                  |
| 6407 | osmo-ePDG - VoWifi Evolved Packet Data Gateway         | Feature | New         | Normal   | osmo-epdg: Support Emergency services (no IMSI)                            |           | 03/15/2024 06:43 PM |                  |
| 6398 | pySim                                                  | Bug     | New         | Normal   | Add helper for SwMatchError                                                |           | 03/09/2024 09:34 PM |                  |
| 6396 | osmo-ePDG - VoWifi Evolved Packet Data Gateway         | Bug     | Feedback    | Normal   | add support for auth failure with resync                                   | lynxis    | 03/11/2024 10:19 AM |                  |
| 6393 | libosmocore                                            | Bug     | New         | Normal   | osmo_io conflating osmo_iofd_unregister vs osmo_iofd_close                 | daniel    | 03/07/2024 09:47 AM |                  |
| 6392 | Osmocom Conferences (OsmoDevCon, OsmoCon, OsmoDevCall) | Feature | New         | Normal   | video recording / c3voc at OsmoDevCon 2024                                 | laforge   | 03/06/2024 12:08 PM |                  |
| 6388 | libosmocore                                            | Feature | New         | Normal   | stats_reporter via osmo_io / io_uring?                                     |           | 03/02/2024 04:54 PM | Related to #6388 |
| 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 |                  |
| 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 |                  |
| 6380 | OsmoHNBGW                                              | Bug     | New         | Normal   | VTY transcript tests are broken [again]                                    |           | 02/28/2024 06:57 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 |                  |
| 6374 | libosmocore                                            | Bug     | New         | Normal   | libosmocore --disable-libsctp not tested by jenkins                        |           | 02/23/2024 03:47 PM |                  |
| 6372 | OsmocomBB SDR PHY                                      | Bug     | New         | Normal   | Cant connect to BS using cell_log and mobile                               |           | 02/22/2024 07:13 AM |                  |
| 6370 | osmo-ePDG - VoWifi Evolved Packet Data Gateway         | Bug     | In Progress | Normal   | setup ims with kamailio                                                    | lynxis    | 03/14/2024 09:01 PM |                  |
| 6367 | pySim                                                  | Feature | New         | Normal   | PC/SC <-> Android OMAPI bridge for pySim and others                        |           | 02/17/2024 01:34 PM |                  |

| #    | Project                                        | Tracker | Status      | Priority | Subject                                                                                      | Assignee  | Updated             | Related issues                     |
|------|------------------------------------------------|---------|-------------|----------|----------------------------------------------------------------------------------------------|-----------|---------------------|------------------------------------|
| 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 |                                    |
| 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                   |
| 6363 | osmo-ePDG - VoWifi Evolved Packet Data Gateway | Bug     | New         | Normal   | strongswan: Catch IKEv2 disconnects                                                          | lynxis    | 02/17/2024 01:21 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                   |
| 6360 | libosmocore                                    | Bug     | New         | Normal   | libosmovty fails to parse commands like "test (foo bar  one two three)"]"                    |           | 02/14/2024 09:25 PM |                                    |
| 6356 | libosmo-sccp + libosmo-sigtran                 | Bug     | New         | Normal   | DLGLOBAL ERROR Trying to dispatch event 17 to non-existent FSM instance! (osmo_ss7_as.c:118) | pespin    | 02/08/2024 10:27 PM |                                    |
| 6349 | Cellular Network Infrastructure                | Bug     | Feedback    | Normal   | example configs missing in release tarballs                                                  | fixeria   | 01/29/2024 04:04 PM |                                    |
| 6348 | OsmocomBB                                      | Feature | New         | Normal   | virtphy: add Circuit Switched Data (CSD) support                                             |           | 01/26/2024 10:03 PM | Related to #6348                   |
| 6347 | OsmocomBB                                      | Feature | New         | Normal   | mobile: support data calls @ 300 bps and 1200/75 bps (TCH/[FH]2.4)                           |           | 01/26/2024 09:54 PM | Related to #6347                   |
| 6346 | OsmocomBB                                      | Feature | New         | Normal   | mobile: support data calls @ 14400 bps (TCH/F14.4)                                           |           | 01/26/2024 10:03 PM | Related to #6346, Related to #6346 |
| 6344 | libosmocore                                    | Feature | New         | Normal   | New TS 24.008 Bearer Capability codec API                                                    |           | 01/24/2024 11:19 PM | Related to #6344                   |
| 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 |                                    |
| 6332 | osmo-ePDG - VoWifi Evolved Packet Data Gateway | Feature | New         | Normal   | osmo-epdg: Write User Manual                                                                 |           | 01/18/2024 04:15 PM | Related to #6332                   |
| 6330 | OsmoMSC                                        | Bug     | New         | Normal   | Incorrect handling of V.120 data calls                                                       |           | 01/18/2024 03:02 PM | Related to #6344                   |
| 6329 | rtl-sdr                                        | Bug     | New         | Normal   | rtl_sdr does not have correct rpath set on OSX build                                         |           | 01/12/2024 09:57 PM |                                    |
| 6328 | OsmoBSC                                        | Bug     | New         | Normal   | Channel Mode Modify fails to modify the RTP payload type number                              |           | 01/12/2024 06:24 AM | Related to #6328                   |
| 6324 | OsmoBSC                                        | Bug     | New         | Normal   | Making a data call results in B0RKEN Ichans                                                  | osmith    | 01/05/2024 09:04 PM |                                    |
| 6323 | OP25                                           | Bug     | New         | Normal   | Install script is broken on Ubuntu 23.10                                                     |           | 01/05/2024 07:54 PM |                                    |
| 6319 | Osmo-CC                                        | Feature | New         | Normal   | protocol version should have a defined end marker                                            | neels     | 01/10/2024 01:31 PM |                                    |



| #    | Project                                                | Tracker | Status      | Priority | Subject                                                                                                                                 | Assignee | Updated             | Related issues                                 |
|------|--------------------------------------------------------|---------|-------------|----------|-----------------------------------------------------------------------------------------------------------------------------------------|----------|---------------------|------------------------------------------------|
| 6318 | OsmoBSC                                                | Bug     | Feedback    | Normal   | Show lchan shows wrong number of channels for TCH                                                                                       | neels    | 12/25/2023 01:01 AM |                                                |
| 6317 | pySim                                                  | Bug     | Stalled     | Normal   | data driven tests for TLV decoders                                                                                                      | laforge  | 02/15/2024 09:21 PM |                                                |
| 6316 | pySim                                                  | Feature | New         | Normal   | include test data in user manual                                                                                                        |          | 12/23/2023 03:10 PM |                                                |
| 6312 | OsmoHLR                                                | Bug     | New         | Normal   | Querying HLR for MSISDN-to-IMSI mapping is too cumbersome and inefficient                                                               |          | 12/21/2023 06:52 AM | Related to #6312                               |
| 6298 | OsmoGGSN (former OpenGGSN)                             | Feature | New         | Normal   | osmo-ggsn not providing MTU of the GTP tunnel to the MS                                                                                 |          | 02/15/2024 10:30 PM | Related to #6298                               |
| 6297 | OsmoMGW                                                | Bug     | New         | Normal   | octet-align=0 is the RFC 6871 specified default to use when omitted; but osmo-mgw assumes don't-care when omitted                       |          | 12/12/2023 02:12 AM | Is duplicate of #5726                          |
| 6295 | OsmoSGSN                                               | Bug     | New         | Normal   | TMSI realloc complete leads to SecurityModeReject                                                                                       | osmith   | 12/07/2023 03:15 PM |                                                |
| 6293 | OsmoMGW                                                | Bug     | New         | Normal   | osmo-mgw "decides" for a codec during MGCP handling; instead it should handle all configured payload type numbers as they arrive in RTP |          | 12/07/2023 05:52 AM | Related to #6293,Related to #6293,Blocks #6136 |
| 6291 | Osmocom Conferences (OsmoDevCon, OsmoCon, OsmoDevCall) | Bug     | New         | Normal   | 2024 event bringing together FOSS projects related to mobile communications                                                             | laforge  | 12/13/2023 08:54 PM |                                                |
| 6283 | OsmoHNBGW                                              | Bug     | New         | Normal   | cnpool: hnbgw fails to extract Mobile Identity from some GMM Attach Request messages                                                    |          | 12/04/2023 01:48 AM |                                                |
| 6282 | OCTOI - Osmocom Community TDM over IP                  | Bug     | New         | Normal   | high BERT from laforge->divf->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                               |
| 6273 | Core testing infrastructure                            | Bug     | Feedback    | Normal   | TTCN3 tests keep suffering from race conditions on shutdown                                                                             | daniel   | 12/05/2023 03:29 PM |                                                |
| 6270 | OsmoBTS                                                | Bug     | In Progress | Normal   | osmo-bts sends version report every 5s to BSC?                                                                                          | dexter   | 02/19/2024 03:06 PM |                                                |
| 6265 | pySim                                                  | Feature | New         | Normal   | decode numeric SW in case of errors                                                                                                     | dexter   | 12/11/2023 01:01 PM |                                                |
| 6258 | OsmoMSC                                                | Feature | In Progress | Normal   | if MT call leg does not support the assigned codec, re-assign to a compatible codec                                                     |          | 01/12/2024 06:26 AM | Related to #6328                               |
| 6255 | OsmoDia2GSUP                                           | Bug     | New         | Normal   | Implement 3GPP Purge UE Request                                                                                                         |          | 11/10/2023 01:29 PM |                                                |
| 6254 | OsmoDia2GSUP                                           | Bug     | In Progress | Normal   | Reconnects of the ttcn3 aren't handled                                                                                                  | lynxis   | 11/11/2023 05:13 PM |                                                |
| 6242 | Core testing infrastructure                            | Feature | New         | Normal   | Test eUPF against ttcn3-upf-test setup                                                                                                  |          | 12/18/2023 11:33 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                               |
| 6239 | libosmo-sccp + libosmo-sigtran                         | Feature | New         | Normal   | finally deprecate libosmo-sccp (headers, static lib)                                                                                    |          | 10/31/2023 07:31 PM |                                                |

| #    | Project                         | Tracker | Status      | Priority | Subject                                                                                                                 | Assignee  | Updated             | Related issues   |
|------|---------------------------------|---------|-------------|----------|-------------------------------------------------------------------------------------------------------------------------|-----------|---------------------|------------------|
| 6233 | libosmocore                     | Bug     | Feedback    | Normal   | --enable-embedded build fails if pkg-config can't find some of the (disabled) dependencies                              | Hoernchen | 11/24/2023 04:15 PM |                  |
| 6232 | libosmocore                     | Bug     | New         | Normal   | jenkins should give all libosmocore config options a try                                                                | osmith    | 10/22/2023 04:16 PM |                  |
| 6231 | OsmoTRX                         | Feature | New         | Normal   | add support / calibration values for AntSDR E200                                                                        | roh       | 10/21/2023 03:25 PM |                  |
| 6225 | rtl-sdr                         | Bug     | New         | Normal   | rtl-sdr reelase tarballs missing from <a href="https://ftp.osmocom.org/releases/">https://ftp.osmocom.org/releases/</a> | osmith    | 10/19/2023 09:46 AM |                  |
| 6224 | Retronetworking                 | Feature | Feedback    | Normal   | how to document the rescued EWSD                                                                                        |           | 10/18/2023 04:51 PM |                  |
| 6219 | Retronetworking                 | Feature | New         | Normal   | Publish pics/videos for EWSD rescue/move                                                                                | laforge   | 10/17/2023 02:10 PM |                  |
| 6218 | Retronetworking                 | Feature | New         | Normal   | write article/report on EWSD rescue for IGHFT / Fernmeldemuseum Dresden                                                 | laforge   | 10/17/2023 02:11 PM |                  |
| 6217 | OsmoMSC                         | Bug     | Feedback    | Normal   | Bearer Capability mismatch in MT SETUP                                                                                  | neels     | 10/10/2023 10:17 PM |                  |
| 6215 | Cellular Network Infrastructure | Bug     | New         | Normal   | Rebase open5gs pcrf_simple patches and submit upstream                                                                  | lynxis    | 10/18/2023 02:53 PM |                  |
| 6212 | Linux Kernel GTP-U              | Bug     | In Progress | Normal   | GTP extension headers                                                                                                   | pespin    | 10/18/2023 03:03 PM | Related to #6223 |
| 6201 | OsmocomBB                       | Bug     | New         | Normal   | modem: signal proper MS Radio Access Capability                                                                         |           | 10/04/2023 12:34 PM | Related to #6201 |
| 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 |
| 6196 | OsmoMGW                         | Bug     | New         | Normal   | Codec negotiation failure false positives                                                                               | dexter    | 12/07/2023 06:25 AM | Related to #6293 |
| 6192 | OP25                            | Bug     | New         | Normal   | Unable to host behind NGINX reverse proxy                                                                               | max       | 09/27/2023 01:56 AM |                  |
| 6188 | Cellular Network Infrastructure | Bug     | New         | Normal   | Osmocom manuals have "draft" in debian packages of released versions                                                    | osmith    | 09/21/2023 04:37 PM |                  |
| 6185 | Core testing infrastructure     | Bug     | New         | Normal   | Submit titan.ProtocolEmulations.SCCP patch upstream                                                                     | neels     | 09/20/2023 06:22 PM |                  |
| 6181 | SIMtrace 2                      | Bug     | Feedback    | Normal   | Unexpected INS code with simtrace2-sniff: 0x7f                                                                          | v.marinos | 10/18/2023 09:41 PM |                  |
| 6171 | OsmoMGW                         | Feature | In Progress | Normal   | mgcp-client API: there should be a separate mgcp_codec_param for each codec in mgcp_msg.codecs[]                        | dexter    | 11/01/2023 04:15 PM | Related to #6171 |
| 6162 | libosmocore                     | Bug     | Feedback    | Normal   | master build failure with clang-16                                                                                      | Hoernchen | 11/18/2023 09:17 AM |                  |
| 6159 | OsmoBSC                         | Bug     | New         | Normal   | use paging queue for PAGING messages that come from the BSC co-located PCU                                              | dexter    | 08/30/2023 12:39 PM |                  |
| 6158 | OsmoHNBGW                       | Bug     | New         | Normal   | IMSI not shown in "show ue all"                                                                                         | lynxis    | 08/29/2023 03:11 PM |                  |
| 6155 | OsmoDia2GSUP                    | Bug     | Feedback    | Normal   | osmo_dia2gsup not setting Origin-State-Id Diameter AVP during Device-Watchdog-{Req,Answer}                              | lynxis    | 11/11/2023 06:19 PM |                  |
| 6153 | OsmoHNodeB                      | Support | Feedback    | Normal   | List of supported FemtoCell                                                                                             | Kira      | 08/28/2023 02:24 PM |                  |
| 6152 | OsmoMSC                         | Bug     | In Progress | Normal   | built-in MNCC: forward the @Low layer compatibility I@ IE to the called subscriber                                      | jolly     | 12/20/2023 12:52 PM | Related to #6152 |
| 6151 | OsmoMSC                         | Feature | Feedback    | Normal   | osmo-msc: Ability to configure (VTY) the AMR(-WB) formats used in RAB-Assignment-Req                                    | neels     | 08/30/2023 08:16 PM |                  |

| #    | Project                                        | Tracker | Status      | Priority | Subject                                                                                   | Assignee | Updated             | Related issues                                 |
|------|------------------------------------------------|---------|-------------|----------|-------------------------------------------------------------------------------------------|----------|---------------------|------------------------------------------------|
| 6150 | OsmoPCU                                        | Feature | New         | Normal   | PCUIF: Use unique identifiers instead of the TLLI as msg_id.                              | dexter   | 10/24/2023 03:15 PM |                                                |
| 6149 | OsmoGSMTester                                  | Bug     | New         | Normal   | osmo-gsm-tester gerrit verifications currently broken, not running in docker              | osmith   | 08/25/2023 09:13 AM |                                                |
| 6148 | OsmoDia2GSUP                                   | Bug     | New         | Normal   | config file not installed not used by systemd service in debian                           | pespin   | 10/18/2023 03:21 PM |                                                |
| 6139 | OsmoSGSN                                       | Feature | New         | Normal   | test mobility between GERAN (OsmoPCU) and EUTRAN (Open5GS) end to end on real hardware    | dexter   | 04/02/2024 09:38 AM |                                                |
| 6137 | OsmoHNBGW                                      | Feature | New         | Normal   | ip.access Nano3G                                                                          | lynxis   | 10/21/2023 07:24 PM |                                                |
| 6136 | OsmoMGW                                        | Feature | Stalled     | Normal   | libosmo-mgcp-client should ignore unknown codecs in SDP                                   | jolly    | 12/07/2023 06:27 AM | Related to #6136,Related to #6177,Blocks #6136 |
| 6135 | OsmoHLR                                        | Feature | Stalled     | Normal   | Implement routing of SMS-over-GSUP messages between connected MSC/VLRs and SMSCs          | falconia | 01/09/2024 01:11 PM | Related to #6312                               |
| 6132 | OsmocomBB                                      | Feature | New         | Normal   | Add MS_GPRS_Tests to osmo-ttcn3-hacks                                                     | fixeria  | 10/04/2023 10:29 PM | Related to #6132                               |
| 6129 | Miscellaneous Projects                         | Bug     | New         | Normal   | Discourse: Setting a custom avatar via upload fails                                       |          | 08/02/2023 06:07 PM |                                                |
| 6127 | OsmoHNBGW                                      | Feature | Feedback    | Normal   | Submit RAB Modification Req towards HNB to update its peer luUP address if MGW changed it | pespin   | 11/29/2023 06:45 PM |                                                |
| 6126 | OsmoGSMTester                                  | Bug     | New         | Normal   | osmo-gsm-tester docker container uses debian 10                                           |          | 08/01/2023 09:49 AM | Related to #6126                               |
| 6125 | OsmocomBB                                      | Bug     | New         | Normal   | LLC GIA/GEA (auth/encryption) not yet tested                                              | pespin   | 08/28/2023 10:32 PM |                                                |
| 6119 | pySim                                          | Bug     | In Progress | Normal   | aram_get_config runs into an exception on a sismocomSJA2                                  | laforge  | 12/05/2023 05:26 PM |                                                |
| 6118 | OsmoPCU                                        | Bug     | New         | Normal   | osmo-pcu assigns multi-slot TBFs over PACCH to MS with unknown ms_class                   | pespin   | 09/22/2023 02:33 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              |
| 6106 | OsmoGGSN (former OpenGGSN)                     | Bug     | New         | Normal   | OsmoGGSN attempts to use the same GTP-U socket for all APNs with gtpu-mode kernel-gtp     |          | 02/21/2024 10:31 AM | Related to #6106,Related to #6106              |
| 6103 | Linux Kernel GTP-U                             | Feature | Feedback    | Normal   | move from 1:1 relationship of UDP socket and net-device to a N:M relationship             | pablo    | 10/06/2023 10:49 AM | Related to #6106                               |
| 6089 | pySim                                          | Feature | Feedback    | Normal   | log the current file / operation during execution of a script                             | laforge  | 11/27/2023 04:37 PM |                                                |
| 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 |                                                |
| 6059 | OsmoBSC                                        | Bug     | New         | Normal   | negotiate GSM-HR RTP packet format explicitly                                             | dexter   | 06/13/2023 10:38 AM |                                                |
| 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 |                                                |

| #    | Project                         | Tracker | Status      | Priority | Subject                                                                                            | Assignee | Updated             | Related issues                     |
|------|---------------------------------|---------|-------------|----------|----------------------------------------------------------------------------------------------------|----------|---------------------|------------------------------------|
| 6036 | OsmoBTS                         | Feature | New         | Normal   | Implement ternary SID classification for HR1 uplink                                                |          | 05/17/2023 09:48 PM | Related to #6036, Related to #6036 |
| 6032 | rtl-sdr                         | Bug     | New         | Normal   | Poor APRS demodulation using RTL_FM on RaspberryPI or on old PC                                    |          | 05/15/2023 12:14 PM |                                    |
| 6029 | Core testing infrastructure     | Bug     | New         | Normal   | Single TTCN3 BSC handover test fails                                                               |          | 10/18/2023 05:31 PM |                                    |
| 6023 | Core testing infrastructure     | Feature | Stalled     | Normal   | test rack/lab power management software with usage/reference counting                              | laforge  | 10/18/2023 05:42 PM |                                    |
| 6019 | OsmoBSC                         | Bug     | New         | Normal   | "PCU version PCU socket has LOST connection connected"                                             | fixeria  | 10/18/2023 05:42 PM |                                    |
| 6015 | OsmoPCU                         | Bug     | New         | Normal   | osmo-pcu (with ericsson RBS) is unable to keep TRAU frames in sync                                 | dexter   | 12/23/2023 01:12 AM |                                    |
| 6012 | rtl-sdr                         | Bug     | New         | Normal   | Update wiki for macos build                                                                        | steve-m  | 05/01/2023 02:38 AM |                                    |
| 6009 | OsmoMSC                         | Bug     | New         | Normal   | omo-msc: lots of tl_parse() calls in src/libmsc/gsm_04_08.c have no return code checked for errors |          | 04/19/2023 03:19 PM |                                    |
| 6007 | OsmoBSC                         | Bug     | New         | Normal   | network -> bts -> gprs nsvc will always create a nsvc node                                         |          | 04/17/2023 04:08 PM |                                    |
| 6005 | rtl-sdr                         | Bug     | New         | Normal   | rtl-test and rtl-sdr exit code=-5 when running on Windows 10 WSL and Ubuntu                        | steve-m  | 10/18/2023 05:45 PM |                                    |
| 6000 | OsmoMSC                         | Feature | New         | Normal   | Allow emergency calls without IMSI (using IMEI as MI)                                              |          | 04/12/2023 11:03 AM | Related to #6000                   |
| 5991 | OsmoBSC                         | Bug     | New         | Normal   | Forward TSNS-PROV bsc->[bts->]pcu                                                                  | jolly    | 12/17/2023 12:59 PM | Related to #5991                   |
| 5986 | OsmoBSC                         | Bug     | New         | Normal   | PAGING impossible until CCCH LOAD IND is received from the BTS                                     | keith    | 03/31/2023 09:13 AM |                                    |
| 5985 | Cellular Network Infrastructure | Bug     | New         | Normal   | tests: not all Osmocom projects have @osmoappdesc.py@                                              |          | 03/29/2023 08:09 PM |                                    |
| 5953 | OsmoBTS                         | Bug     | Feedback    | Normal   | ttn3-bts-test: TC_ms_pwr_ctrl_{constant,pf_ewma} are failing                                       | fixeria  | 03/25/2024 05:19 PM |                                    |
| 5952 | OsmoBTS                         | Bug     | New         | Normal   | ttn3-bts-test: TC_ho_physical_info fails                                                           | fixeria  | 11/15/2023 08:23 AM |                                    |
| 5938 | Retrocomputing                  | Feature | In Progress | Normal   | assemble "fake parallel printer"                                                                   | laforge  | 09/13/2023 09:32 AM |                                    |
| 5929 | Cellular Network Infrastructure | Feature | In Progress | Normal   | document current (milestones of) nlnet funded projects; mention nlnet funding                      | laforge  | 04/04/2023 10:05 AM |                                    |
| 5922 | rtl-sdr                         | Bug     | New         | Normal   | rtl_sdr bytes_to_read wraparound for n > 2**31                                                     | steve-m  | 03/20/2023 10:16 AM |                                    |
| 5918 | osmo-fl2k                       | Bug     | New         | Normal   | -flt0 broken in release                                                                            | steve-m  | 12/20/2023 08:43 PM |                                    |
| 5917 | libosmo-sccp + libosmo-sigtran  | Feature | Feedback    | Normal   | immediately detect SCTP SHUTDOWN in SCCP link / in SCCP user / in active SCCP connections          | neels    | 03/20/2023 10:23 AM |                                    |
| 5904 | OsmoHNBGW                       | Feature | New         | Normal   | HNBP Register Request handling does checks that seem to make no sense                              | neels    | 09/01/2023 05:00 AM |                                    |
| 5900 | OsmoUPF                         | Feature | In Progress | Normal   | make sure chain ids used in the tunmap nft ruleset are unused                                      |          | 02/09/2023 05:34 PM |                                    |
| 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                       |
| 5891 | osmo-remsim                     | Bug     | New         | Normal   | bankd: potential pthread deadlock reported by coverity                                             | laforge  | 02/03/2023 07:35 PM |                                    |

| #    | Project                               | Tracker | Status      | Priority | Subject                                                                                       | Assignee  | Updated             | Related issues   |
|------|---------------------------------------|---------|-------------|----------|-----------------------------------------------------------------------------------------------|-----------|---------------------|------------------|
| 5889 | OsmoHLR                               | Bug     | In Progress | Normal   | subscriber data: send out correct PDP Info                                                    | lynxis    | 09/01/2023 04:20 PM |                  |
| 5883 | OCTOI - Osmocom Community TDM over IP | Bug     | New         | Normal   | GPS sync sometimes goes to hold over                                                          | tnt       | 01/30/2023 02:18 PM | Related to #5885 |
| 5878 | pySim                                 | Bug     | New         | Normal   | pySim shell: version fails with DistributionNotFound                                          | fixeria   | 10/06/2023 09:03 AM |                  |
| 5876 | OsmoHNBGW                             | Bug     | New         | Normal   | on HNBAP HNB Register, clear previous UE state if any                                         | neels     | 03/20/2023 01:27 PM |                  |
| 5869 | OsmoHNBGW                             | Bug     | New         | Normal   | osmo-hnbgw ignores HNBAP HNB De-Register                                                      |           | 01/21/2023 01:52 AM |                  |
| 5867 | OsmoHNBGW                             | Feature | New         | Normal   | HNBGW_Tests.ttcn should do HNBAP UE Register and De-Register tests                            |           | 01/21/2023 02:30 AM |                  |
| 5864 | libosmocore                           | Bug     | New         | Normal   | Libosmocore: Fix order of config parsing output                                               |           | 02/04/2023 05:21 PM |                  |
| 5859 | OsmoTRX                               | Feature | New         | Normal   | remove non-neon and non-sse support                                                           | Hoernchen | 01/16/2023 10:17 PM |                  |
| 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 |
| 5855 | Retronetworking                       | Feature | New         | Normal   | Establishing a German non-profit for retronetworking                                          | laforge   | 01/13/2023 11:59 AM |                  |
| 5853 | OsmoSGSN                              | Feature | New         | Normal   | osmo-sgsn: Rework to use libosmo-gprs                                                         |           | 01/11/2023 03:14 PM |                  |
| 5852 | OsmoSGSN                              | Bug     | New         | Normal   | osmo-sgsn: Keep TLLI<->NSEI+BVC1 relation knowledge in BSSGP layer                            |           | 01/11/2023 03:08 PM |                  |
| 5851 | OsmoSGSN                              | Bug     | New         | Normal   | check if rate ctr GMM_CTR_PKTS_UDATA_IN is correct increased in sgsn_gtp_data_req() func      |           | 01/10/2023 06:40 PM |                  |
| 5850 | SDR (Software Defined Radio)          | Bug     | New         | Normal   | OBS mingw builds not updated since 2019                                                       | roox      | 01/04/2023 12:15 PM |                  |
| 5844 | OsmoPCU                               | Bug     | New         | Normal   | pcu: ns: ip-sns: 2 local binds with a single remote is invalid                                |           | 12/22/2022 09:59 PM |                  |
| 5843 | OsmoBSC                               | Bug     | New         | Normal   | BTS features aren't reset after oml drop                                                      |           | 12/22/2022 09:27 PM |                  |
| 5842 | OsmoBSC                               | Bug     | New         | Normal   | ipa: investigate NSVC local and remote port configuration difference with wireshark dissector |           | 12/22/2022 07:18 PM |                  |
| 5839 | OsmoGSMTester                         | Feature | New         | Normal   | Ability to switch off the osmo-trx machine                                                    | pespin    | 12/20/2022 05:43 PM |                  |
| 5838 | OsmoGSMTester                         | Feature | New         | Normal   | Implement power switching for all BTSs                                                        |           | 12/20/2022 05:30 PM |                  |
| 5837 | OsmoHNBGW                             | Bug     | New         | Normal   | osmo-juh: UE-REGISTER-REQ with uE_Identity type IMEI not implemented.                         |           | 12/20/2022 03:43 PM |                  |
| 5834 | OsmoPCU                               | Feature | New         | Normal   | VTY option "two-phase-access" is misleading                                                   |           | 12/19/2022 06:55 PM |                  |
| 5831 | OsmocomBB                             | Bug     | New         | Normal   | SE K2x0i: built-in SIM reader is not working                                                  | steve-m   | 12/16/2022 12:03 AM |                  |
| 5827 | OsmoPCU                               | Feature | New         | Normal   | osmo-pcu: Hardcoded limit of maximum number of 8 TRX per BTS                                  | pespin    | 12/16/2022 11:55 AM |                  |
| 5826 | SIMtrace 2                            | Feature | Stalled     | Normal   | SAM4S4BA support in firmware                                                                  | laforge   | 01/31/2023 08:06 PM | Related to #5826 |
| 5824 | osmo-e1d                              | Bug     | Feedback    | Normal   | Line dead message in the log after start                                                      | laforge   | 12/25/2023 01:43 PM |                  |
| 5822 | OsmocomBB                             | Bug     | New         | Normal   | SE K2x0i: missing RF and AFC params                                                           |           | 12/15/2022 11:36 PM |                  |
| 5818 | libosmocore                           | Bug     | New         | Normal   | multithreaded logging causes lock contention and needs a rework                               |           | 01/10/2024 09:05 AM |                  |
| 5814 | OsmoUPF                               | Feature | New         | Normal   | tunmap: more concisely match on GTP-U packets                                                 |           | 12/06/2022 07:30 PM |                  |

| #    | Project                         | Tracker | Status   | Priority | Subject                                                                                                                                         | Assignee      | Updated             | Related issues                                 |
|------|---------------------------------|---------|----------|----------|-------------------------------------------------------------------------------------------------------------------------------------------------|---------------|---------------------|------------------------------------------------|
| 5809 | Cellular Network Infrastructure | Bug     | Feedback | Normal   | applications disrespect potentially VTY-configured tcp/telnet port                                                                              | osmith        | 10/31/2023 09:34 AM |                                                |
| 5808 | gr-osmosdr                      | Feature | New      | Normal   | New option, for selecting an input channel of a soapy_source_c                                                                                  |               | 12/05/2022 11:45 AM |                                                |
| 5805 | SIMtrace 2                      | Feature | New      | Normal   | SIM Trace 2 Build for Windows                                                                                                                   | jelson_simEng | 04/02/2023 09:56 AM |                                                |
| 5780 | OsmoMSC                         | Feature | New      | Normal   | Implement/Support UUS1                                                                                                                          |               | 01/24/2023 10:48 AM |                                                |
| 5774 | OsmoBTS                         | Bug     | Feedback | Normal   | Drop pcu_sock conn if queue length grows up to a given threshold                                                                                | jolly         | 12/17/2023 12:59 PM |                                                |
| 5773 | OsmoGGSN (former OpenGGSN)      | Bug     | New      | Normal   | OsmoGGSN sends Direct Tunnel packets to the wrong IP address                                                                                    |               | 11/17/2022 04:17 AM |                                                |
| 5771 | Cellular Network Infrastructure | Feature | New      | Normal   | series of presentations about the individual CNI network elements                                                                               |               | 11/14/2022 07:25 PM |                                                |
| 5770 | SIMtrace 2                      | Bug     | Feedback | Normal   | simtrace2 firmware ignores any but the first USB message sent by simtrace2-list after a reset                                                   | jtavares      | 11/23/2022 04:01 AM |                                                |
| 5768 | Retronetworking                 | Feature | New      | Normal   | retronetworking logo / artwork                                                                                                                  |               | 04/07/2024 10:40 PM |                                                |
| 5764 | Cellular Network Infrastructure | Bug     | New      | Normal   | GCC does not check format strings in LOGPFSM macros                                                                                             |               | 11/11/2022 06:30 AM |                                                |
| 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 |                                                |
| 5760 | Core testing infrastructure     | Feature | Stalled  | Normal   | Develop TTCN-3 test suite for MME                                                                                                               | dexter        | 10/04/2023 01:51 PM |                                                |
| 5759 | OsmoSGSN                        | Feature | Stalled  | Normal   | Support for Mobility between SGSN (2G/3G) and S-GW (4G)                                                                                         | dexter        | 12/07/2023 12:40 PM | Related to #5759                               |
| 5758 | OsmoDia2GSUP                    | Feature | New      | Normal   | bring osmo_dia2gsup to production quality                                                                                                       | lynxis        | 03/30/2023 08:13 PM |                                                |
| 5757 | OsmoDia2GSUP                    | Feature | Feedback | Normal   | functional test suite for osmo_dia2gsup                                                                                                         | lynxis        | 09/06/2023 02:48 PM |                                                |
| 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 |
| 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 |                                                |
| 5738 | Misc Hardware Projects          | Bug     | New      | Normal   | Sim 800L module Connectivity                                                                                                                    |               | 11/02/2022 06:55 PM |                                                |
| 5735 | osmo-e1d                        | Bug     | New      | Normal   | ctl client disconnect doesn't re-set timeslot state                                                                                             |               | 05/23/2023 06:19 AM |                                                |
| 5726 | OsmoMGW                         | Bug     | New      | Normal   | AMR octet-align in SDP: lack of 'octet-align' fmp should imply octet-align=0, and the presence or absence of this fmp should not have an effect |               | 12/12/2023 01:51 AM | Is duplicate of #5726                          |
| 5721 | OsmoCBC                         | Feature | New      | Normal   | CBC messages Geographical Scope and CBS Index                                                                                                   |               | 10/19/2022 07:23 AM |                                                |

| #    | Project                                      | Tracker | Status      | Priority | Subject                                                                      | Assignee | Updated             | Related issues                    |
|------|----------------------------------------------|---------|-------------|----------|------------------------------------------------------------------------------|----------|---------------------|-----------------------------------|
| 5716 | libosmocore                                  | Bug     | New         | Normal   | Replace dynamic (DEAD) NSE if we receive an NS_RESET from a conflicting NSVC | lynxis   | 10/17/2022 04:40 PM |                                   |
| 5714 | pySim                                        | Bug     | Stalled     | Normal   | update_record_decoded does not use real record length when writing EF.MSISDN | dexter   | 09/17/2023 09:46 AM |                                   |
| 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                  |
| 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                  |
| 5699 | OsmoMSC                                      | Bug     | New         | Normal   | MNCC_RTP_CREATE is not sent in a call waiting scenario                       |          | 10/10/2022 06:46 PM |                                   |
| 5696 | OsmoPCU                                      | Bug     | Stalled     | Normal   | RLC/MAC: poll timeout when assigning a multi-slot DL TBF                     | fixeria  | 10/05/2022 11:01 AM |                                   |
| 5694 | OCTOI - Osmocom Community TDM over IP        | Bug     | Stalled     | Normal   | BERT testing                                                                 | laforge  | 12/31/2022 08:24 PM |                                   |
| 5693 | OCTOI - Osmocom Community TDM over IP        | Bug     | Stalled     | Normal   | no progress tones in yate                                                    |          | 12/03/2023 11:10 AM |                                   |
| 5691 | libosmo-abis                                 | Feature | Stalled     | Normal   | Expose DAHDI statistics to prometheus                                        | laforge  | 01/05/2023 06:06 PM |                                   |
| 5685 | Cellular Network Infrastructure              | Bug     | Feedback    | Normal   | Dropping debian 10 (buster)                                                  | osmith   | 04/04/2023 10:10 AM | Related to #5685,Related to #5685 |
| 5681 | Retronetworking                              | Bug     | New         | Normal   | Figure out suitable connectors for EKSOS                                     | laforge  | 07/31/2023 10:22 AM |                                   |
| 5679 | libosmo-sccp + libosmo-sigtran               | Feature | In Progress | Normal   | unsupported SCCP user primitive N-PCSTATE.indication                         | neels    | 02/18/2023 01:46 AM |                                   |
| 5672 | Misc Hardware Projects                       | Bug     | New         | Normal   | sfp-experimenter / voltage swing of LVDS driver insufficient for SFP spec    |          | 09/02/2022 03:27 PM |                                   |
| 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 |
| 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 |
| 5662 | OsmoUPF                                      | Feature | New         | Normal   | add Linux kernel options to manual                                           |          | 08/24/2022 03:13 PM |                                   |
| 5657 | OsmoDia2GSUP                                 | Bug     | Feedback    | Normal   | dia2gsup not (re-)connecting to HLR if osmo-hlr is down                      | lynxis   | 11/11/2023 06:20 PM |                                   |
| 5648 | libosmo-pfcp                                 | Feature | New         | Normal   | implement common PFCP CPF client VTY config                                  |          | 08/17/2022 03:29 PM | Related to #5648                  |

| #    | Project                               | Tracker | Status      | Priority | Subject                                                                                      | Assignee | Updated             | Related issues                     |
|------|---------------------------------------|---------|-------------|----------|----------------------------------------------------------------------------------------------|----------|---------------------|------------------------------------|
| 5647 | OsmoHNBGW                             | Feature | New         | Normal   | cfg: separate PFCP Node ID from PFCP local address                                           |          | 08/17/2022 03:38 PM | Related to #5648, Related to #5682 |
| 5644 | Osmocom Libraries                     | Bug     | New         | Normal   | Check library pkg-config files for proper dependencies                                       |          | 08/10/2022 01:02 PM | Related to #5644                   |
| 5641 | OsmoCBC                               | Feature | New         | Normal   | OsmoCBC doesn't yet support reloading cells becoming operational with active messages        |          | 08/05/2022 05:10 PM |                                    |
| 5639 | SIMtrace 2                            | Bug     | Feedback    | Normal   | No packet captured but only "Card state change:"                                             | g1bbs    | 09/20/2023 01:29 PM |                                    |
| 5633 | osmo-clock-gen                        | Feature | New         | Normal   | towards a first osmo-clock-gen production batch                                              | laforge  | 07/26/2022 12:39 PM |                                    |
| 5632 | Core testing infrastructure           | Bug     | In Progress | Normal   | better test result summary / notifications                                                   | lynxis   | 08/31/2022 11:58 AM |                                    |
| 5630 | pySim                                 | Bug     | Stalled     | Normal   | pySim-trace doesn't support decoding classic SIM cards (TS 11.11 / TS 51.011)                | laforge  | 07/24/2022 11:06 AM |                                    |
| 5614 | osmo-remsim                           | Feature | New         | Normal   | log also application-level errors                                                            | laforge  | 07/11/2022 08:09 PM |                                    |
| 5600 | SIMtrace 2                            | Feature | Feedback    | Normal   | SIMtrace2 fails to emulate EMV cards                                                         | boggy123 | 12/14/2022 01:07 PM |                                    |
| 5586 | OsmoBSC                               | Feature | New         | Normal   | Ericsson RBS could recover Unlocked state without osmo-bsc restart                           |          | 06/21/2022 10:23 PM | Related to #5983                   |
| 5576 | OsmoBTS                               | Bug     | New         | Normal   | osmo-bts not moving NM state "Enabled -> DisabledDependency" when Admin state becomes Locked |          | 06/02/2022 10:38 AM |                                    |
| 5573 | OsmoHNBGW                             | Bug     | New         | Normal   | osmo-hnbgw: RANAP LocationReportingControl not implemented                                   |          | 05/30/2022 02:05 PM |                                    |
| 5570 | libosmocore                           | 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                   |
| 5550 | pySim                                 | Bug     | New         | Normal   | EF.ARR file decoding would need to be context dependent                                      | chrysn   | 06/24/2022 08:50 AM |                                    |
| 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 |                                    |
| 5543 | Retronetworking                       | Feature | New         | Normal   | Contact manufacturers for leftover stock                                                     |          | 06/27/2023 09:05 PM |                                    |
| 5517 | OsmoBTS                               | Bug     | New         | Normal   | ttn3-bts-test: new sporadic test case failures                                               | fixeria  | 03/20/2023 11:45 PM |                                    |
| 5515 | OsmoBSC                               | Bug     | New         | Normal   | BSC_Tests: re-establishment: RA during CHAN RQD should reflect re-establishment              |          | 04/06/2022 08:02 PM |                                    |
| 5509 | OsmoSGSN                              | Bug     | New         | Normal   | llc/pdu lifetime: add vty config option to define default lifetime                           |          | 03/31/2022 04:11 PM |                                    |
| 5507 | libosmocore                           | Feature | New         | Normal   | Optimize reset time after SGSN is restarted                                                  | lynxis   | 03/31/2022 12:33 PM |                                    |
| 5505 | OsmocomBB                             | Feature | New         | Normal   | GPRS mobility (cell change) support                                                          |          | 07/01/2022 06:24 AM | Related to #5505                   |
| 5504 | OsmocomBB                             | Feature | New         | Normal   | GSM/GPRS coordination (RR/GRR)                                                               |          | 05/23/2023 12:31 PM | Related to #5504                   |
| 5503 | OsmocomBB                             | Feature | Feedback    | Normal   | expose GPRS user plane via tun device                                                        | pespin   | 08/28/2023 10:38 PM | Related to #6115                   |
| 5502 | OsmocomBB                             | Feature | Stalled     | Normal   | MS-side LLC implementation                                                                   | pespin   | 09/14/2023 03:59 PM | Related to #5502, Related to #5502 |



| #    | Project                                      | Tracker | Status      | Priority | Subject                                                                    | Assignee | Updated             | Related issues                                                         |
|------|----------------------------------------------|---------|-------------|----------|----------------------------------------------------------------------------|----------|---------------------|------------------------------------------------------------------------|
| 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 |
| 5492 | OsmoBSCNAT                                   | Bug     | New         | Normal   | Support MSC pooling                                                        | osmith   | 04/11/2022 08:19 AM |                                                                        |
| 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 |                                                                        |
| 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                                                       |
| 5474 | OsmoBTS                                      | Bug     | New         | Normal   | osmo-bts-trx: DTXd support not implemented                                 |          | 03/02/2022 05:06 PM | Related to #5474, Related to #5474                                     |
| 5468 | OsmoMGW                                      | Feature | New         | Normal   | osmo-mgw: 2g<->3g call support                                             |          | 06/03/2022 10:39 AM | Related to #5468, Related to #5468, Related to #5468                   |
| 5466 | OsmocomBB                                    | Feature | New         | Normal   | CP2102N evaluation for burst_ind baudrate                                  | laforge  | 02/22/2022 07:17 PM |                                                                        |
| 5464 | SIMtrace 2                                   | Bug     | In Progress | Normal   | cardem firmware unable to attach to card                                   | laforge  | 11/18/2022 06:41 PM | Related to #5464                                                       |
| 5462 | osmo-sip-connector                           | Bug     | New         | Normal   | Contact Header Missing - Way Forward?                                      |          | 02/21/2022 05:51 AM |                                                                        |
| 5460 | gr-osmosdr                                   | Bug     | New         | Normal   | Please use double for ppm with fcdp/pp                                     |          | 02/17/2022 10:43 PM |                                                                        |
| 5446 | Cellular Network Infrastructure              | Feature | New         | Normal   | correlate git version to ttcn3 tests                                       |          | 02/07/2022 09:40 PM | Related to #5446                                                       |
| 5445 | gr-osmosdr                                   | Bug     | New         | Normal   | Please switch to the gr-funcube                                            |          | 02/15/2022 11:56 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 |                                                                        |
| 5434 | OCTOI - Osmocom Community TDM over IP        | Feature | Stalled     | Normal   | more statistics / counters                                                 |          | 12/03/2023 11:17 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 |                                                                        |
| 5422 | SIMtrace 2                                   | Feature | In Progress | Normal   | "cardem" continuous testing setup                                          | laforge  | 01/27/2022 12:22 PM | Related to #5422                                                       |
| 5415 | SIMtrace 2                                   | Bug     | New         | Normal   | cardem: watchdog triggers firmware reset                                   | lynxis   | 02/15/2022 08:07 PM |                                                                        |
| 5403 | OsmoMSC                                      | Feature | New         | Normal   | Can't connect Call from 2G to 4G network                                   | laforge  | 01/14/2022 10:41 PM |                                                                        |

| #    | Project                     | Tracker | Status      | Priority | Subject                                                                                                    | Assignee | Updated             | Related issues                     |
|------|-----------------------------|---------|-------------|----------|------------------------------------------------------------------------------------------------------------|----------|---------------------|------------------------------------|
| 5398 | OsmoSGSN                    | Bug     | New         | Normal   | Null pointer access at "uctx" in ranap_iu_tx                                                               | pespin   | 01/10/2022 01:14 PM |                                    |
| 5395 | OsmocomDECT                 | Feature | New         | Normal   | Support for LMX3161                                                                                        |          | 01/09/2022 12:55 PM |                                    |
| 5380 | osmo-ccid-firmware          | Bug     | New         | Normal   | Incorrect answer to PC_to_RDR_SetParameters CCID command                                                   |          | 01/16/2022 08:55 PM |                                    |
| 5378 | erlang/osmo_ss7             | Bug     | New         | Normal   | ipa: add support for client application                                                                    | laforge  | 01/05/2022 08:36 PM |                                    |
| 5357 | OsmoGGSN (former OpenGGSN)  | Bug     | New         | Normal   | no more than PDP_MAX == 1024 PDP contexts possible in libgtp                                               |          | 12/14/2021 01:20 PM | Related to #5469                   |
| 5356 | libosmo-abis                | Bug     | New         | Normal   | libosmo-abis: osmo_rtp_socket_connect() not calling connect() on sockets                                   |          | 12/13/2021 12:50 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 |                                    |
| 5340 | OsmoMSC                     | Bug     | New         | Normal   | ttn3-msc-test: more memory leaks                                                                           | fixeria  | 05/15/2022 04:47 PM |                                    |
| 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 |                                    |
| 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 |
| 5323 | Core testing infrastructure | Feature | New         | Normal   | Add docker image containing titan.core master                                                              |          | 12/15/2021 04:43 PM | Related to #6187                   |
| 5313 | OsmoMGW                     | Bug     | New         | Normal   | libosmo-mgcp-client-dbg specific package not generated for debian                                          |          | 11/16/2021 03:57 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 |                                    |
| 5309 | OsmoPCU                     | Bug     | New         | Normal   | osmo-pcu: Support rejecting multiple TBFs upon tx of Packet Access Reject                                  | pespin   | 11/15/2021 06:29 PM |                                    |
| 5308 | OsmoBSC                     | Bug     | Stalled     | Normal   | confusion around mgw e1 line vs trunk dichotomy                                                            | dexter   | 12/13/2021 03:52 PM |                                    |
| 5307 | Ericsson RBS 6xxx           | Feature | New         | Normal   | Support for Multiple Sectors at an RBS site.                                                               |          | 11/13/2021 08:20 PM |                                    |
| 5305 | OsmocomBB                   | Bug     | New         | Normal   | Burst capture                                                                                              |          | 11/10/2021 06:38 PM |                                    |
| 5301 | Core testing infrastructure | Bug     | Stalled     | Normal   | Run TTCN3 docker tests with sanitizer enabled                                                              | osmith   | 03/20/2024 09:28 AM | Related to #5302                   |
| 5300 | OsmoPCU                     | Bug     | New         | Normal   | osmo-pcu: SUSPEND-NACK not implemented                                                                     |          | 03/31/2022 02:59 PM |                                    |
| 5298 | gr-osmosdr                  | Bug     | New         | Normal   | object has no attribute 'pyqwidget' on arch linux                                                          |          | 11/09/2021 01:25 AM |                                    |
| 5291 | rtl-sdr                     | Feature | New         | Normal   | Ship the udev rules upstream                                                                               | steve-m  | 11/05/2021 11:04 AM |                                    |
| 5283 | OsmoTRX                     | Feature | New         | Normal   | Implement TRXDv2 support                                                                                   | fixeria  | 10/27/2021 10:35 PM | Related to #5283                   |
| 5279 | OsmoMGW                     | Feature | New         | Normal   | systemd service / unit for multiple osmo-mgw on one machine                                                | osmith   | 10/25/2021 11:41 AM |                                    |
| 5277 | libosmocore                 | Bug     | New         | Normal   | ns2: Allow SNS-CONFIG PDUs from unknown endpoints during config procedure                                  | lynxis   | 10/22/2021 02:28 PM |                                    |
| 5276 | SIMtrace 2                  | Feature | Stalled     | Normal   | jenkins CI integration like for osmo-ccid-firmware                                                         | roh      | 11/14/2022 05:24 PM | Related to #5422                   |

| #    | Project                         | Tracker | Status      | Priority | Subject                                                                                     | Assignee  | Updated             | Related issues                    |
|------|---------------------------------|---------|-------------|----------|---------------------------------------------------------------------------------------------|-----------|---------------------|-----------------------------------|
| 5268 | pySim                           | Feature | New         | Normal   | pySim-shell: GlobalPlatform SCP02 support                                                   | laforge   | 10/14/2021 07:12 PM | Related to #5268                  |
| 5267 | pySim                           | Feature | New         | Normal   | pySim-shell: Ability to deactivate entire applications on the card                          |           | 10/14/2021 07:12 PM | Related to #5268                  |
| 5247 | Osmocom Analog                  | Bug     | New         | Normal   | AMPS Segmentation fault                                                                     | jolly     | 10/04/2021 11:48 PM |                                   |
| 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 |                                   |
| 5230 | OsmoHNBGW                       | Bug     | In Progress | Normal   | hnbgw fails to connect to the sgsn                                                          | lynxis    | 10/14/2021 07:50 AM |                                   |
| 5227 | OsmoPCU                         | Bug     | New         | Normal   | osmo-pcu: Attempt recovery of TBF when one of its assigned PDCH TS becomes disabled         | pespin    | 10/18/2021 10:12 AM |                                   |
| 5220 | rtl-sdr                         | Bug     | New         | Normal   | Undefined reference to libusb_dev_mem_free                                                  | steve-m   | 08/31/2021 09:21 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 |                                   |
| 5214 | OsmoMGW                         | Feature | In Progress | Normal   | osmo-mgw multithreading                                                                     | Hoernchen | 08/31/2021 09:20 AM |                                   |
| 5208 | libosmocore                     | Bug     | Feedback    | Normal   | ns2: add testcase for SNS Size with invalid tlv                                             | lynxis    | 02/12/2023 08:37 PM |                                   |
| 5202 | OsmocomBB                       | Bug     | New         | Normal   | [Assert failed rc >= 0 l1ctl.c:83] cell_log crashes (mostly) when monitoring specific ARFCN |           | 07/25/2021 01:38 PM |                                   |
| 5197 | OsmoMSC                         | Bug     | New         | Normal   | msc_i Unimplemented msg type: HANDOVER PERFORMED                                            | neels     | 08/23/2022 04:05 PM |                                   |
| 5196 | OsmoMSC                         | Bug     | New         | Normal   | Verify several "event not permitted" log lines in unit tests                                | neels     | 08/23/2022 04:08 PM |                                   |
| 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 |                                   |
| 5180 | libosmocore                     | Bug     | In Progress | Normal   | ns2: Document NS inspection/blocking commands                                               | lynxis    | 06/15/2021 01:10 PM |                                   |
| 5179 | libosmocore                     | Bug     | New         | Normal   | gprs_ns2: use refcounting for the NSE                                                       | lynxis    | 06/13/2021 03:08 AM |                                   |
| 5178 | OsmoTRX                         | Bug     | New         | Normal   | LimeNET Micro clock error                                                                   | Hoernchen | 09/15/2021 09:42 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 |
| 5171 | OsmocomBB                       | Bug     | Feedback    | Normal   | ccch_scan failed                                                                            | thor123   | 06/09/2021 12:06 AM |                                   |
| 5154 | OsmoSGSN                        | Bug     | New         | Normal   | OsmoSGSN doesn't trigger 3G paging if downlink GTP traffic arrives after long break         |           | 05/13/2021 12:28 PM | Related to #5154                  |
| 5153 | OsmoHNBGW                       | Feature | In Progress | Normal   | support hnbgw co-located GTP-U proxy (UPF)                                                  | neels     | 11/15/2022 09:54 AM | Related to #5154,Related to #5153 |
| 5127 | pySim                           | Feature | New         | Normal   | tool for "re-formatting" [systemcom] cards in tester                                        | laforge   | 10/14/2021 07:16 PM | Related to #5127                  |
| 5124 | Cellular Network Infrastructure | Feature | Feedback    | Normal   | network:osmocom:nightly feed with "-O0" builds                                              | laforge   | 05/11/2023 11:11 AM |                                   |
| 5122 | OsmoPCU                         | Feature | New         | Normal   | Choose SBA allocation offset based on AGCH queue load in the BTS                            | pespin    | 04/20/2021 12:51 PM | Related to #5122                  |
| 5120 | rtl-sdr                         | Bug     | New         | Normal   | rtlsdr_demod_write_reg failed with -9                                                       |           | 04/18/2021 08:55 PM |                                   |
| 5117 | OsmoSDR                         | Bug     | New         | Normal   | Error building gr-osmosdr with libhackrf                                                    |           | 04/15/2021 07:56 AM |                                   |

| #    | Project                                  | Tracker | Status      | Priority | Subject                                                                                                                  | Assignee | Updated             | Related issues                                 |
|------|------------------------------------------|---------|-------------|----------|--------------------------------------------------------------------------------------------------------------------------|----------|---------------------|------------------------------------------------|
| 5050 | OsmoTRX                                  | Bug     | New         | Normal   | How can I solve limesdr mini clock problem with osmocom ?                                                                |          | 02/27/2021 01:55 PM |                                                |
| 5047 | OsmoSDR                                  | Feature | New         | Normal   | Inconsistencies between SDR's in bias-tee parameter                                                                      |          | 12/19/2021 01:17 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 |                                                |
| 5031 | OsmoSDR                                  | Bug     | New         | Normal   | Please switch to gr-funcube                                                                                              |          | 06/17/2021 09:23 AM |                                                |
| 5029 | libosmocore                              | Bug     | New         | Normal   | vty: optional cases with multiple arguments is undefined behaviour                                                       |          | 02/18/2021 05:44 PM |                                                |
| 5025 | OsmoBTS                                  | Feature | New         | Normal   | Missing TTCN-3 coverage for the Timing Advance loop                                                                      | fixeria  | 07/02/2021 04:28 PM |                                                |
| 5011 | Core testing infrastructure              | Bug     | New         | Normal   | Warning about unrecognized escape sequence in Osmocom_CTRL_Types                                                         |          | 02/05/2021 11:21 AM |                                                |
| 5008 | gr-osmosdr                               | Bug     | New         | Normal   | Quoted whitespace parsing problem in source_impl::source_impl                                                            |          | 02/04/2021 02:16 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 |                                                |
| 4985 | OsmoBTS                                  | Bug     | New         | Normal   | AMR RTP CMR of downlink frames not used to influence CMC                                                                 |          | 01/28/2021 01:35 PM |                                                |
| 4972 | OsmoMSC                                  | Bug     | New         | Normal   | manual: the MNCC protocol is outdated (RTP)                                                                              |          | 01/24/2021 05:58 PM |                                                |
| 4968 | osmo-gbproxy                             | Bug     | Feedback    | Normal   | Multiple TTCN3 tests only expect one SGSN                                                                                | daniel   | 12/09/2021 09:17 PM | Related to #4968                               |
| 4967 | OsmoPCU                                  | Feature | New         | Normal   | osmo-pcu: Avoid sending new DL EGPRS blocks to MS announcing MS_OUT_OF_MEMORY                                            |          | 01/21/2021 02:26 PM |                                                |
| 4966 | OsmoPCU                                  | Bug     | New         | Normal   | osmo-pcu: gprs+egprs multiplex: Allow selecting original 8-PSK dl block during retransmission for GMSK-required DL block |          | 01/26/2021 01:07 PM | Related to #4966                               |
| 4961 | osmo-gbproxy                             | Feature | New         | Normal   | gbproxy support for "network sharing" via MOCN                                                                           |          | 01/20/2021 08:38 PM |                                                |
| 4951 | osmo-gbproxy                             | Feature | In Progress | Normal   | more TTCN3 tests for SGSN pooling                                                                                        | daniel   | 07/08/2021 08:36 PM | Related to #4951,Related to #4952              |
| 4950 | gr-osmosdr                               | Bug     | New         | Normal   | gr-osmosdr doesn't find iqbalance during build                                                                           |          | 02/22/2021 02:46 AM |                                                |
| 4947 | OsmoPCU                                  | Bug     | Stalled     | Normal   | osmo-pcu: Handling for Pkt Resource Req using Global TFI not implemented                                                 | pespin   | 12/22/2022 01:04 PM |                                                |
| 4942 | gr-osmosdr                               | Bug     | New         | Normal   | XTRX: Unable to compile due to error                                                                                     | RFNOD    | 01/12/2021 08:29 PM |                                                |
| 4941 | OsmoBTS                                  | Feature | Stalled     | Normal   | VAMOS support in OsmoBTS                                                                                                 | fixeria  | 03/18/2022 01:19 AM | Related to #4941,Related to #4941,Blocks #4941 |
| 4930 | OsmoBSC                                  | Bug     | New         | Normal   | bsc: cbc: vty: "no remote-ip" in cbc > client                                                                            |          | 12/31/2020 10:42 PM |                                                |
| 4926 | OsmoHNBGW                                | Bug     | New         | Normal   | nano3G disconnect / reconnect cycle with SCTP multi-homing                                                               |          | 01/04/2021 11:38 AM | Related to #4926                               |
| 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                               |
| 4922 | OsmoBSC                                  | Feature | In Progress | Normal   | Implement MS Power Control                                                                                               | keith    | 11/04/2021 06:37 PM |                                                |
| 4908 | libosmocore                              | Bug     | New         | Normal   | Errors compiling with -std=c++14                                                                                         |          | 03/01/2021 03:38 PM |                                                |

| #    | Project                         | Tracker | Status      | Priority | Subject                                                                                        | Assignee | Updated             | Related issues                                     |
|------|---------------------------------|---------|-------------|----------|------------------------------------------------------------------------------------------------|----------|---------------------|----------------------------------------------------|
| 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 |
| 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                                   |
| 4886 | OsmoSGSN                        | Bug     | New         | Normal   | UE does not connect data when moving from 2G->3G                                               |          | 12/04/2020 01:29 AM |                                                    |
| 4885 | libosmocore                     | Bug     | New         | Normal   | configure doesn't check for python3                                                            |          | 12/02/2020 03:36 AM |                                                    |
| 4884 | OsmoBSC                         | Bug     | New         | Normal   | RLL_REL_IND is recieved after RF_CHAN_REL                                                      |          | 12/02/2020 11:51 AM |                                                    |
| 4883 | Cellular Network Infrastructure | Bug     | New         | Normal   | update OsmoNITB migration guide                                                                | neels    | 12/01/2020 08:32 AM |                                                    |
| 4881 | OsmoBSC                         | Bug     | Feedback    | Normal   | osmo-bsc with unixsocket to osmo-el2tpd fails to bring up rbs6k (dug20+rrus12)                 | firs     | 01/01/2021 10:10 AM |                                                    |
| 4869 | OsmoPCU                         | Bug     | New         | Normal   | wireshark: Support dissecting LLC frames on top of RLCMAC (E)GPRS data blocks                  |          | 06/26/2023 11:03 AM | Related to #5367                                   |
| 4867 | OsmoPCU                         | Bug     | Stalled     | Normal   | Cinterion BGS2T failing to attach (no Attach Complete ever sent)                               | pespin   | 11/30/2020 09:48 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 |                                                    |
| 4857 | osmo-clock-gen                  | Bug     | Stalled     | Normal   | FLV9001IDBVR no longer in stock ag digikey                                                     | mschramm | 04/10/2021 10:22 PM |                                                    |
| 4856 | OsmoPCU                         | Bug     | Feedback    | Normal   | PCU is running but has no NS connection and does not retry.                                    | keith    | 10/18/2021 10:02 AM |                                                    |
| 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                  |
| 4847 | OsmoPCU                         | Bug     | New         | Normal   | fix LLC-DISCARD behaviour                                                                      |          | 11/04/2020 02:37 AM | Related to #4847                                   |
| 4846 | OsmoPCU                         | Feature | New         | Normal   | change RBB received block bitmap into 1s when everything was acked                             |          | 11/04/2020 02:29 AM |                                                    |
| 4845 | OsmoPCU                         | Bug     | Feedback    | Normal   | only send content resolution if it's needed                                                    | lynxis   | 07/28/2023 02:45 PM |                                                    |
| 4844 | OsmoPCU                         | Bug     | Feedback    | Normal   | do not resent DL assignment on RACH                                                            | lynxis   | 07/28/2023 02:44 PM |                                                    |
| 4842 | libosmocore                     | Bug     | In Progress | Normal   | gsm0408 test fails on several architectures                                                    | neels    | 08/23/2022 04:38 PM |                                                    |
| 4834 | OsmocomBB                       | Bug     | New         | Normal   | package cp210x-program as part of network:osmocom:{nightly,latest}                             | osmith   | 10/26/2020 06:01 PM |                                                    |
| 4827 | OsmoBTS                         | Bug     | New         | Normal   | OsmoBTS VTY is lacking various vital information                                               |          | 10/23/2020 07:14 PM |                                                    |
| 4825 | OsmoSGSN                        | Bug     | New         | Normal   | security command is missing sometimes                                                          |          | 10/22/2020 02:40 AM |                                                    |
| 4810 | osmo-clock-conv                 | Feature | New         | Normal   | horizontal DC input on rear side of PCB                                                        | mschramm | 10/15/2020 10:53 PM |                                                    |
| 4801 | OsmoBTS                         | Bug     | Stalled     | Normal   | BTS_Tests.TC_tch_sign_l2_fill_frame_dtxd fails                                                 | fixeria  | 11/15/2023 08:32 AM | Related to #4801,Related to #5474                  |

| #    | Project                      | Tracker | Status      | Priority | Subject                                                                                                                                                                           | Assignee  | Updated             | Related issues                    |
|------|------------------------------|---------|-------------|----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|---------------------|-----------------------------------|
| 4797 | libosmocore                  | Bug     | Feedback    | Normal   | vty: the output of 'show ns' command is confusing                                                                                                                                 | fixeria   | 10/23/2020 05:35 PM | Related to #4855,Related to #5085 |
| 4784 | OsmoMSC                      | Bug     | New         | Normal   | wrong cause code (resources unavailable) in MO-to-MT call without response                                                                                                        | neels     | 10/08/2020 02:35 PM |                                   |
| 4777 | osmo-ccid-firmware           | Bug     | New         | Normal   | Reader does not answer to GET DATA RATES command                                                                                                                                  | Hoernchen | 10/14/2020 02:36 PM |                                   |
| 4776 | osmo-ccid-firmware           | Bug     | New         | Normal   | Reader does not answer to GET CLOCK FREQUENCIES command                                                                                                                           | Hoernchen | 10/03/2020 07:31 PM |                                   |
| 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 |                                   |
| 4764 | OsmoMSC                      | Bug     | New         | Normal   | make sure Assignment times out, always                                                                                                                                            |           | 09/23/2020 02:08 PM |                                   |
| 4758 | rtl-sdr                      | Bug     | New         | Normal   | rtl_tcp no longer works on macos 10.15 via macports                                                                                                                               | steve-m   | 04/30/2023 11:59 AM |                                   |
| 4749 | OsmoGGSN (former OpenGGSN)   | Bug     | New         | Normal   | Unknown/Unimplemented PCO Protocol                                                                                                                                                |           | 02/09/2022 01:26 PM |                                   |
| 4746 | libosmocore                  | Bug     | New         | Normal   | gb: NS2: implement a NSE based logfilter                                                                                                                                          |           | 11/14/2020 08:42 AM |                                   |
| 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 |
| 4727 | libosmocore                  | Feature | Feedback    | Normal   | Add more distro/platform/archs to jenkins CI                                                                                                                                      | laforge   | 05/15/2023 09:48 AM | Is duplicate of #4789             |
| 4721 | OsmoMSC                      | Bug     | In Progress | Normal   | osmo-msc creates evil-twin entries in the VLR when an already attached IMSI does a LU by an unknown TMSI (was: MSC_Tests.TC_lu_by_tmsi_noauth_unknown fails sporadically locally) | neels     | 03/26/2024 03:02 AM | Related to #4721                  |
| 4720 | rtl-sdr                      | Bug     | New         | Normal   | rtl_power reports invalid values                                                                                                                                                  |           | 08/19/2020 02:47 PM |                                   |
| 4717 | OsmoMSC                      | Feature | New         | Normal   | support Handover with changing codec                                                                                                                                              |           | 08/18/2020 05:14 PM | Related to #4717                  |
| 4716 | OsmoBSC                      | Feature | Stalled     | Normal   | support handover between different codec types, like TCH/F FR1 <-> TCH/H HR1                                                                                                      | neels     | 10/28/2020 08:22 PM | Related to #4717                  |
| 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 |                                   |
| 4700 | libosmocore                  | Bug     | Feedback    | Normal   | 'socket' C test fails when there is no IPv6                                                                                                                                       | neels     | 03/24/2021 12:33 PM |                                   |
| 4692 | Core testing infrastructure  | Feature | Stalled     | Normal   | finally implement testing of the actual voice audio path                                                                                                                          | laforge   | 04/19/2021 06:27 PM |                                   |
| 4685 | SDR (Software Defined Radio) | Bug     | New         | Normal   | Can't compile libusrp                                                                                                                                                             |           | 08/04/2020 08:52 AM |                                   |
| 4683 | OsmoBSC                      | Bug     | New         | Normal   | properly report OM2000 bring-up problems                                                                                                                                          | laforge   | 07/30/2020 06:50 AM | Related to #4683,Related to #6378 |

| #    | Project                      | Tracker | Status | Priority | Subject                                                    | Assignee | Updated             | Related issues |
|------|------------------------------|---------|--------|----------|------------------------------------------------------------|----------|---------------------|----------------|
| 4677 | SDR (Software Defined Radio) | Bug     | New    | Normal   | fopher crash on OSX with Qt                                |          | 07/27/2020 03:27 AM |                |
| 4660 | OsmoMSC                      | Bug     | New    | Normal   | GSM AUTH failure: mismatching sres - with module TRM-5 ext |          | 07/12/2020 08:01 PM |                |

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