

## Issues

| #    | Project  | Tracker | Status | Priority | Subject  | Assignee | Updated             | Related issues                     |
|------|--|---------|--------|----------|--|----------|---------------------|------------------------------------|
| 6450 | OsmoDia2GSUP   | Bug     | New    | Low      | osmo_dia2gsup service has two timestamps for each log line in journalctl   |          | 05/10/2024 12:55 PM |                                    |
| 6448 | Cellular Network Infrastructure                        | Feature | New    | Normal   | Support Themyscira RTP extensions in Osmocom BSS   | falconia | 05/09/2024 07:32 PM |                                    |
| 6449 | libosmocore  | Bug     | New    | Normal   | possible API problem in osmo_it_q: talloc_free() of llist_head *   |          | 05/09/2024 12:25 AM |                                    |
| 6139 | OsmoSGSN   | Feature | New    | Normal   | test mobility between GERAN (OsmoPCU) and EUTRAN (Open5GS) end to end on real hardware   | dexter   | 05/08/2024 01:09 PM |                                    |
| 6294 | OsmoSGSN   | Feature | New    | High     | Support GN/Gp interoperation procedures between SGSN and MME   | daniel   | 05/08/2024 01:00 PM | Related to #6294, Related to #6439 |
| 3200 | Osmocom Conferences (OsmoDevCon, OsmoCon, OsmoDevCall) | Bug     | New    | Normal   | OsmoDevCon: Use loudspeakers even at IN-Berlin   |          | 05/07/2024 11:49 AM |                                    |
| 6447 | Osmocom Conferences (OsmoDevCon, OsmoCon, OsmoDevCall) | Feature | New    | Normal   | have more time slots without a takl  |          | 05/07/2024 11:48 AM |                                    |
| 6445 | libosmocore  | Feature | New    | Normal   | GSMTAP version 3   |          | 05/04/2024 02:13 PM |                                    |
| 6434 | E1/T1 Hardware Interface (including icE1usb)           | Support | New    | Normal   | D-channel do not recover after underrun  |          | 04/27/2024 09:03 PM |                                    |
| 6443 | gr-osmosdr   | Bug     | New    | Normal   | RF gain: erroneously using 14  | horiz0n  | 04/27/2024 06:21 PM |                                    |
| 6438 | libosmocore  | Bug     | New    | Normal   | write_config_file() calls blocking sync()  |          | 04/26/2024 09:15 AM |                                    |
| 6441 | OsmoSGSN   | Bug     | New    | Normal   | use-after-free on RAU with invalid Old RAI   |          | 04/22/2024 01:23 PM | Related to #6441                   |
| 6436 | OsmoPCU  | Bug     | New    | High     | high cpu usage, entire BTS unresponsive after some hours   | keith    | 04/13/2024 04:32 PM |                                    |
| 5768 | Retronetworking  | Feature | New    | Normal   | retronetworking logo / artwork   |          | 04/07/2024 10:40 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                   |
| 6420 | OsmoGGSN (former OpenGGSN)                             | Bug     | New    | Low      | osmo-ggsn + pre-configured tun device seems to be broken with kernel gtp-u   |          | 03/26/2024 11:43 AM |                                    |
| 6419 | OsmoGGSN (former OpenGGSN)                             | Bug     | New    | Low      | osmo-ggsn removes tun devices it did not create  |          | 03/26/2024 11:26 AM |                                    |
| 6418 | pySim  | Bug     | New    | Normal   | osmo-smdp docs   |          | 03/25/2024 05:54 PM |                                    |
| 6415 | E1/T1 Hardware Interface (including icE1usb)           | Bug     | New    | Low      | osmo_panic after truncated packet  | laforge  | 03/22/2024 06:54 PM |                                    |

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| 6413 | rtl-sdr  | Bug     | New    | Normal   | Incorrect Debian/Debian-like binary packages                               | steve-m  | 03/22/2024 05:09 PM |  |
| 6395 | OsmoHNBGW                                      | Feature | New    | Low      | PFCP URR support in osmo-hnbgw   |          | 03/22/2024 08:08 AM | Related to #6395                                 |
| 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 |
| 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 |  |
| 4274 | OsmoSTP  | Bug     | New    | Normal   | AS Name isn't displayed  |          | 03/14/2024 10:33 AM |  |
| 6402 | libosmocore                                    | Feature | New    | Low      | consider using IORING_RECVSEND_POLL_FIRST for our socket-reads             |          | 03/14/2024 08:21 AM |  |
| 6401 | libosmocore                                    | Feature | New    | Low      | benchmark batching io_uring operations                                     |          | 03/14/2024 08:10 AM |  |
| 6378 | OsmoBSC  | Bug     | New    | Low      | Ericsson DUG 20 rejects SI2quarter   | keith    | 03/10/2024 06:38 PM | Related to #6378                                 |
| 6398 | pySim  | Bug     | New    | Normal   | Add helper for SwMatchError  |          | 03/09/2024 09:34 PM |  |
| 4574 | OsmoHNBGW                                      | Feature | New    | Low      | Femtocell choice in 2020/06  |          | 03/09/2024 07:09 PM |  |
| 5816 | OsmoHNBGW                                      | Feature | New    | Low      | Picocells available in R.U   |          | 03/09/2024 07:09 PM |  |
| 5813 | OsmoHNBGW                                      | Feature | New    | Low      | Alcatel-Lucent femtocells available in Europe                              |          | 03/09/2024 07:09 PM |  |
| 5304 | OsmoHNBGW                                      | Bug     | New    | Low      | Verizon CDMA femtocell   |          | 03/09/2024 07:09 PM |  |
| 4933 | OsmoHNBGW                                      | Bug     | New    | Low      | Femtocell choice in U.K 2021/01  |          | 03/09/2024 07:09 PM |  |
| 4882 | OsmoHNBGW                                      | Feature | New    | Low      | HSPA+ Picocell available in U.S  |          | 03/09/2024 07:08 PM |  |
| 4790 | OsmoHNBGW                                      | Feature | New    | Low      | Vodafone HSPA+ femtocell available in Deutschland                          |          | 03/09/2024 07:08 PM |  |
| 6393 | libosmocore                                    | Bug     | New    | Normal   | osmo_io conflating osmo_iofd_unregister vs osmo_iofd_close                 | daniel   | 03/07/2024 09:47 AM |  |
| 6390 | libosmocore                                    | Feature | New    | Low      | port CTRL over to osmo_io / io_uring                                       |          | 03/02/2024 06:45 PM | Related to #6390                                 |
| 6389 | libosmocore                                    | Feature | New    | Low      | port VTY over to osmo_io / io_uring  |          | 03/02/2024 04:55 PM | Related to #6389                                 |
| 6388 | libosmocore                                    | Feature | New    | Normal   | stats_reporter via osmo_io / io_uring?                                     |          | 03/02/2024 04:54 PM | Related to #6388                                 |
| 6380 | OsmoHNBGW                                      | Bug     | New    | Normal   | VTY transcript tests are broken [again]                                    |          | 02/28/2024 06:57 PM |  |
| 6374 | libosmocore                                    | Bug     | New    | Normal   | libosmocore --disable-libsctp not tested by jenkins                        |          | 02/23/2024 03:47 PM |  |
| 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 |  |
| 6372 | OsmocomBB SDR PHY                              | Bug     | New    | Normal   | Cant connect to BS using cell_log and mobile                               |          | 02/22/2024 07:13 AM |  |

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| 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 |
| 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                  |
| 6367 | pySim  | Feature | New    | Normal   | PC/SC <-> Android OMAPI bridge for pySim and others  |          | 02/17/2024 01:34 PM |                                   |
| 6363 | osmo-ePDG - VoWifi Evolved Packet Data Gateway | Bug     | New    | Normal   | strongswan: Catch IKEv2 disconnects  | lynxis   | 02/17/2024 01:21 AM |                                   |
| 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                  |
| 6340 | pySim  | Bug     | New    | Low      | exception when using osmo-smdpp with python 3.9  | laforge  | 02/15/2024 09:29 PM |                                   |
| 6303 | OsmoPCU  | Feature | New    | Low      | Convert pcuif to TLV to make backwards compatibility more feasible                           |          | 02/15/2024 09:23 PM |                                   |
| 6360 | libosmocore                                    | Bug     | New    | Normal   | libosmovty fails to parse commands like "test (foo bar) [(one two three)]"                   |          | 02/14/2024 09:25 PM |                                   |
| 2006 | libosmo-sccp + libosmo-sigtran                 | Feature | New    | Low      | Implement M2PA support   |          | 02/10/2024 01:17 PM | Related to #3603                  |
| 6356 | libosmo-sccp + libosmo-sigtran                 | Bug     | New    | Normal   | DLGLOBAL ERROR Trying to dispatch event 17 to non-existent FSM instance! (osmo_ss7_as.c:118) | pespin   | 02/08/2024 10:27 PM |                                   |
| 6354 | osmo-ePDG - VoWifi Evolved Packet Data Gateway | Feature | New    | Low      | investigate UE behavior in terms of respecting ePDG configuration on USIM/ISIM               |          | 02/07/2024 04:10 PM |                                   |
| 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 |
| 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                  |
| 6345 | osmo-ePDG - VoWifi Evolved Packet Data Gateway | Feature | New    | Low      | osmo-epdg: Implement SWm interface (Diameter) ePDG <-> AAA                                   |          | 01/25/2024 05:22 PM |                                   |
| 6344 | libosmocore                                    | Feature | New    | Normal   | New TS 24.008 Bearer Capability codec API  |          | 01/24/2024 11:19 PM | Related to #6344                  |
| 6337 | OsmocomBB                                      | Bug     | New    | High     | bad fr audio with gapk/ms-sdr  |          | 01/22/2024 09:21 PM | Related to #6337                  |
| 6330 | OsmoMSC  | Bug     | New    | Normal   | Incorrect handling of V.120 data calls   |          | 01/18/2024 03:02 PM | Related to #6344                  |
| 6329 | rtl-sdr  | Bug     | New    | Normal   | rtl_sdr does not have correct rpath set on OSX build   |          | 01/12/2024 09:57 PM |                                   |
| 6328 | OsmoBSC  | Bug     | New    | Normal   | Channel Mode Modify fails to modify the RTP payload type number                              |          | 01/12/2024 06:24 AM | Related to #6328                  |
| 6327 | Cellular Network Infrastructure                | Feature | New    | Low      | Osmocom-build-tags-against-master job builds very basic configurations                       | osmith   | 01/11/2024 08:17 PM |                                   |
| 6319 | Osmo-CC  | Feature | New    | Normal   | protocol version should have a defined end marker  | neels    | 01/10/2024 01:31 PM |                                   |

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| 6324 | OsmoBSC  | Bug     | New    | Normal   | Making a data call results in BORKEN Ichans   | osmith   | 01/05/2024 09:04 PM |  |
| 6323 | OP25   | Bug     | New    | Normal   | Install script is broken on Ubuntu 23.10  |          | 01/05/2024 07:54 PM |  |
| 6322 | pySim  | Bug     | New    | Low      | ATR type annotation   |          | 01/03/2024 09:55 PM |  |
| 6321 | OsmoMSC  | Bug     | New    | Low      | SMS not delivered from corrupted SMS database   |          | 01/02/2024 01:07 PM |  |
| 6316 | pySim  | Feature | New    | Normal   | include test data in user manual  |          | 12/23/2023 03:10 PM |  |
| 6314 | pySim  | Bug     | New    | Low      | pySim-trace doesn't support ARA-M   |          | 12/23/2023 09:36 AM |  |
| 6315 | pySim  | Feature | New    | Low      | have test data for all supported files  |          | 12/23/2023 09:36 AM |  |
| 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 |  |
| 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                               |
| 5918 | osmo-fl2k  | Bug     | New    | Normal   | -flto broken in release   | steve-m  | 12/20/2023 08:43 PM |  |
| 6242 | Core testing infrastructure                            | Feature | New    | Normal   | Test eUPF against ttcn3-upf-test setup  |          | 12/18/2023 11:33 AM |  |
| 6120 | pySim  | Bug     | New    | Low      | select MF raise an exception after selecting ADF.ARA-M  | dexter   | 12/18/2023 10:30 AM | Related to #6120                               |
| 5991 | OsmoBSC  | Bug     | New    | Normal   | Forward TSNS-PROV bsc->[bts->]pcu   | jolly    | 12/17/2023 12:59 PM | Related to #5991                               |
| 5915 | libosmocore  | Bug     | New    | Low      | gprs: ns2: convert timers into osmo-timers  | jolly    | 12/17/2023 12:59 PM | Related to #5915                               |
| 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 |  |
| 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                          |
| 5726 | OsmoMGW  | Bug     | New    | Normal   | AMR octet-align in SDP: lack of 'octet-align' fmtp should imply octet-align=0, and the presence or absence of this fmtp should not have an effect |          | 12/12/2023 01:51 AM | Is duplicate of #5726                          |
| 6265 | pySim  | Feature | New    | Normal   | decode numeric SW in case of errors   | dexter   | 12/11/2023 01:01 PM |  |
| 6295 | OsmoSGSN   | Bug     | New    | Normal   | TMSI realloc complete leads to SecurityModeReject   | osmith   | 12/07/2023 03:15 PM |  |
| 6196 | OsmoMGW  | Bug     | New    | Normal   | Codec negotiation failure false positives   | dexter   | 12/07/2023 06:25 AM | Related to #6293                               |
| 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 |
| 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                               |
| 6285 | OsmoHNBGW  | Feature | New    | Low      | IUFP needs not CRCX in loopback mode  |          | 12/04/2023 03:58 AM |  |
| 6283 | OsmoHNBGW  | Bug     | New    | Normal   | cnpool: hnbgw fails to extract Mobile Identity from some GMM Attach Request messages  |          | 12/04/2023 01:48 AM |  |

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| 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                  |
| 5519 | OCTOI - Osmocom Community TDM over IP | Feature | New    | Low      | reimplement overlapped.php based on yate python module   |          | 12/03/2023 10:47 AM |                                   |
| 6274 | OCTOI - Osmocom Community TDM over IP | Bug     | New    | Low      | yate is eating 260% CPU while doing nothing  | laforge  | 11/25/2023 02:31 PM |                                   |
| 4004 | OsmoMSC                               | Bug     | New    | Low      | lu_fsm_priv.rej_cause is never used  | neels    | 11/21/2023 02:37 AM |                                   |
| 4541 | OsmoBSC                               | Feature | New    | Normal   | add ttcn3 tests for situations of Abis latency spikes, where chan act/deact ACK messages arrive late |          | 11/20/2023 05:03 PM | Related to #4541,Related to #6375 |
| 5952 | OsmoBTS                               | Bug     | New    | Normal   | ttcn3-bts-test: TC_ho_physical_info fails  | fixeria  | 11/15/2023 08:23 AM |                                   |
| 6255 | OsmoDia2GSUP                          | Bug     | New    | Normal   | Implement 3GPP Purge UE Request  |          | 11/10/2023 01:29 PM |                                   |
| 6246 | OCTOI - Osmocom Community TDM over IP | Feature | New    | Low      | co-locate cisco 2811 for FrameRelay and X.25   | laforge  | 11/06/2023 01:48 PM |                                   |
| 6245 | OCTOI - Osmocom Community TDM over IP | Feature | New    | Low      | co-locate cisco 2811 ITP/STP in data center  | laforge  | 11/06/2023 01:46 PM |                                   |
| 6244 | Retronetworking                       | Feature | New    | Low      | scan more/all EWS(O) documentation laforge has   | laforge  | 11/01/2023 09:50 PM |                                   |
| 3711 | SIMtrace 2                            | Feature | New    | Normal   | Add screw holes for permanent installations  | mschramm | 11/01/2023 08:28 PM |                                   |
| 6243 | Cellular Network Infrastructure       | Feature | New    | Low      | vtc cfg: make changing startup defaults of applications backwards compatible                         |          | 11/01/2023 07:06 PM |                                   |
| 6239 | libosmo-sccp + libosmo-sigtran        | Feature | New    | Normal   | finally deprecate libosmo-sccp (headers, static lib)   |          | 10/31/2023 07:31 PM |                                   |
| 6092 | pySim                                 | Feature | New    | Low      | "export" suport for ARA-M  | dexter   | 10/31/2023 06:40 PM |                                   |
| 6241 | libosmo-sccp + libosmo-sigtran        | Feature | New    | Low      | M3UA "Network Appearance" support  |          | 10/31/2023 03:00 PM | Related to #6241                  |
| 6237 | Retronetworking                       | Feature | New    | Low      | Design + Build PCBA for NE555 based fake fan rpm sensor  | laforge  | 10/30/2023 01:38 AM |                                   |
| 6150 | OsmoPCU                               | Feature | New    | Normal   | PCUIF: Use unique identifiers instead of the TLLI as msg_id.   | dexter   | 10/24/2023 03:15 PM |                                   |
| 6232 | libosmocore                           | Bug     | New    | Normal   | jenkins should give all libosmocore config options a try   | osmith   | 10/22/2023 04:16 PM |                                   |
| 6137 | OsmoHNBGW                             | Feature | New    | Normal   | ip.access Nano3G   | lynxis   | 10/21/2023 07:24 PM |                                   |
| 5144 | gr-osmosdr                            | Bug     | New    | High     | Support multiple Airspy devices  | horiz0n  | 10/21/2023 07:22 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 https://ftp.osmocom.org/releases/                              | osmith   | 10/19/2023 09:46 AM |                                   |
| 5995 | OsmoBTS                               | Bug     | New    | Low      | osmo-bts printing log line 'OC=GPRS-NSE(f0) INST=(00,ff,ff): Tx unknown 0xf6'                        |          | 10/18/2023 05:47 PM |                                   |
| 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 |                                   |
| 6019 | OsmoBSC                               | Bug     | New    | Normal   | "PCU version PCU socket has LOST connection connected"   | fixeria  | 10/18/2023 05:42 PM |                                   |

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| 6029 | Core testing infrastructure     | Bug     | New    | Normal   | Single TTCN3 BSC handover test fails  |           | 10/18/2023 05:31 PM |   |
| 6122 | Cellular Network Infrastructure | Bug     | New    | Low      | remove big endian support   | osmith    | 10/18/2023 05:20 PM | Related to #6122  |
| 6060 | OsmoMGW                         | Bug     | New    | Low      | osmo-mgw: Implement MGCP RestartInProgress (RSIP)                               | jolly     | 10/18/2023 04:59 PM |   |
| 6085 | OsmoHNBGW                       | Feature | New    | Low      | context_map_sccp.c parrots states/events that the SCCP-SCOC FSM already handles | neels     | 10/18/2023 03:31 PM |   |
| 6148 | OsmoDia2GSUP                    | Bug     | New    | Normal   | config file not installed not used by systemd service in debian                 | pespin    | 10/18/2023 03:21 PM |   |
| 6169 | osmo-e1d                        | Bug     | New    | High     | Frame masking against network frame ordering, not frame numbers                 | laforge   | 10/18/2023 03:19 PM |   |
| 6215 | Cellular Network Infrastructure | Bug     | New    | Normal   | Rebase open5gs pcrf_simple patches and submit upstream                          | lynxis    | 10/18/2023 02:53 PM |   |
| 4971 | Osmocom Analog                  | Feature | New    | Low      | OsmoCC Socket Documentation   | jolly     | 10/18/2023 02:49 PM |   |
| 6218 | Retronetworking                 | Feature | New    | Normal   | write article/report on EWSD rescue for IGHT / Fernmeldemuseum Dresden          | laforge   | 10/17/2023 02:11 PM |   |
| 6219 | Retronetworking                 | Feature | New    | Normal   | Publish pics/videos for EWSD rescue/move  | laforge   | 10/17/2023 02:10 PM |   |
| 5730 | OsmoMGW                         | Feature | New    | Low      | Fax over GSM support  | manawyrm  | 10/16/2023 08:53 PM | Precedes #5730  |
| 6195 | Retronetworking                 | Feature | New    | Low      | Wiki page on Cisco *WIC-* line cards for 26xx/28xx series                       | laforge   | 10/08/2023 07:33 AM |   |
| 5878 | pySim                           | Bug     | New    | Normal   | pySim shell: version fails with DistributionNotFound                            | fixeria   | 10/06/2023 09:03 AM |   |
| 6200 | OsmocomBB                       | Bug     | New    | High     | osmo-trx-ms: lots of @Received bad frame (rc=-1, ber=444/444)@                  | Hoernchen | 10/05/2023 06:02 PM | Related to #6342,Blocks #6200                           |
| 6132 | OsmocomBB                       | Feature | New    | Normal   | Add MS_GPRS_Tests to osmo-ttcn3-hacks   | fixeria   | 10/04/2023 10:29 PM | Related to #6132  |
| 6201 | OsmocomBB                       | Bug     | New    | Normal   | modem: signal proper MS Radio Access Capability                                 |           | 10/04/2023 12:34 PM | Related to #6201  |
| 6194 | Retronetworking                 | Feature | New    | Low      | wiki page on MultiTech MT5600-BL  | laforge   | 09/27/2023 12:46 PM |   |
| 6193 | Retronetworking                 | Support | New    | Low      | Replace "event rack" PM3 power supply   | laforge   | 09/27/2023 12:19 PM |   |
| 6192 | OP25                            | Bug     | New    | Normal   | Unable to host behind NGINX reverse proxy                                       | max       | 09/27/2023 01:56 AM |   |
| 1585 | OsmoSGSN                        | Feature | New    | Low      | Gn interface for inter-SGSN MM Context transfer                                 |           | 09/22/2023 02:42 PM | Related to #5759,Related to #6294,Is duplicate of #1585 |
| 6118 | OsmoPCU                         | Bug     | New    | Normal   | osmo-pcu assigns multi-slot TBFs over PACCH to MS with unknwon ms_class         | pespin    | 09/22/2023 02:33 PM |   |
| 6188 | Cellular Network Infrastructure | Bug     | New    | Normal   | Osmocom manuals have "draft" in debian packages of released versions            | osmith    | 09/21/2023 04:37 PM |   |
| 6185 | Core testing infrastructure     | Bug     | New    | Normal   | Submit titan.ProtocolEmulations.SCCP patch upstream                             | neels     | 09/20/2023 06:22 PM |   |
| 6176 | OsmoSGSN                        | Bug     | New    | Low      | build failure (dependency / concurrency issue)                                  |           | 09/13/2023 03:14 PM |   |

| #    | Project                               | Tracker | Status | Priority | Subject   | Assignee | Updated             | Related issues                    |
|------|---------------------------------------|---------|--------|----------|---|----------|---------------------|-----------------------------------|
| 6167 | OsmoBTS                               | Feature | New    | Low      | csd_v110: implement rate adaptation for TCH/F14.4                             |          | 09/01/2023 11:58 AM | Related to #6167,Related to #6346 |
| 5904 | OsmoHNBGW                             | Feature | New    | Normal   | HNBAP Register Request handling does checks that seem to make no sense        | neels    | 09/01/2023 05:00 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 |                                   |
| 6125 | OsmocomBB                             | Bug     | New    | Normal   | LLC GIA/GEA (auth/encryption) not yet tested                                  | pespin   | 08/28/2023 10:32 PM |                                   |
| 6149 | OsmoGSMTester                         | Bug     | New    | Normal   | osmo-gsm-tester Gerrit verifications currently broken, not running in docker  | osmith   | 08/25/2023 09:13 AM |                                   |
| 6129 | Miscellaneous Projects                | Bug     | New    | Normal   | Discourse: Setting a custom avatar via upload fails                           |          | 08/02/2023 06:07 PM |                                   |
| 6126 | OsmoGSMTester                         | Bug     | New    | Normal   | osmo-gsm-tester docker container uses debian 10                               |          | 08/01/2023 09:49 AM | Related to #6126                  |
| 5681 | Retronetworking                       | Bug     | New    | Normal   | Figure out suitable connectors for EKSOS                                      | laforge  | 07/31/2023 10:22 AM |                                   |
| 4915 | osmo-e1d                              | Feature | New    | Low      | consider a one-thread-per-line architecture                                   |          | 07/29/2023 07:31 AM |                                   |
| 5520 | osmo-e1d                              | Feature | New    | Low      | exponential back-off on octoi client reconnect attempts                       |          | 07/29/2023 07:30 AM |                                   |
| 5526 | OCTOI - Osmocom Community TDM over IP | Feature | New    | Low      | ability to generate GSMTAP traces from osmo-e1d                               |          | 07/29/2023 07:23 AM |                                   |
| 6104 | pySim                                 | Feature | New    | Low      | reduce number of python dependencies  |          | 07/20/2023 04:28 PM |                                   |
| 6086 | pySim                                 | Feature | New    | Low      | implement features of sysmo-{usim,isim}-tool                                  | laforge  | 07/13/2023 04:09 AM |                                   |
| 6051 | OsmoHNBGW                             | Feature | New    | Low      | misnomer in internal SCCP functions   | neels    | 07/06/2023 08:26 PM |                                   |
| 5543 | Retronetworking                       | Feature | New    | Normal   | Contact manufacturers for leftover stock                                      |          | 06/27/2023 09:05 PM |                                   |
| 4869 | OsmoPCU                               | Bug     | New    | Normal   | wireshark: Support dissecting LLC frames on top of RLCMAC (E)GPRS data blocks |          | 06/26/2023 11:03 AM | Related to #5367                  |
| 6059 | OsmoBSC                               | Bug     | New    | Normal   | negotiate GSM-HR RTP packet format explicitly                                 | dexter   | 06/13/2023 10:38 AM |                                   |
| 5235 | pySim                                 | Feature | New    | Low      | import / export as eUICC profile package ASN.1                                |          | 06/09/2023 04:55 PM |                                   |
| 5504 | OsmocomBB                             | Feature | New    | Normal   | GSM/GPRS coordination (RR/GRR)  |          | 05/23/2023 12:31 PM | Related to #5504                  |
| 5499 | osmo-e1d                              | Bug     | New    | Low      | octoi client binds to specific IP even if 0.0.0.0 is specified                |          | 05/23/2023 07:10 AM |                                   |
| 5561 | libosmo-sccp + libosmo-sigtran        | Bug     | New    | Low      | pc=0=0.0.0 / RCOG-ERROR.ind not permitted                                     |          | 05/23/2023 06:20 AM |                                   |
| 5735 | osmo-e1d                              | Bug     | New    | Normal   | ctl client disconnect doesn't re-set timeslot state                           |          | 05/23/2023 06:19 AM |                                   |
| 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 |                                   |

| #    | Project                         | Tracker | Status | Priority | Subject  | Assignee      | Updated             | Related issues        |
|------|---------------------------------|---------|--------|----------|--|---------------|---------------------|-----------------------|
| 3865 | OsmoBSC                         | Bug     | New    | Normal   | nanoBTS: GPRS not working anymore, modems unable to attach in osmo-gsm-tester  |               | 05/11/2023 01:00 PM | Is duplicate of #3865 |
| 3386 | Cellular Network Infrastructure | Feature | New    | Low      | Generate man pages at build time from adoc files   | osmith        | 05/11/2023 11:24 AM | Precedes #3386        |
| 6021 | libosmocore                     | Bug     | New    | Low      | map file breaks recent lld builds  | Hoernchen     | 05/04/2023 05:49 AM |                       |
| 6012 | rtl-sdr                         | Bug     | New    | Normal   | Update wiki for macos build  | steve-m       | 05/01/2023 02:38 AM |                       |
| 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 |                       |
| 6009 | OsmoMSC                         | Bug     | New    | Normal   | omo-msc: lots of tl_v_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 |                       |
| 6000 | OsmoMSC                         | Feature | New    | Normal   | Allow emergency calls without IMSI (using IMEI as MI)  |               | 04/12/2023 11:03 AM | Related to #6000      |
| 5449 | OsmoGGSN (former OpenGGSN)      | Bug     | New    | Low      | osmo-ggsn: Accept IPv4v6 EUA pdp creation in APv4/v6-only APNs by answering with changed PDP Type                      |               | 04/04/2023 09:46 AM |                       |
| 5805 | SIMtrace 2                      | Feature | New    | Normal   | SIM Trace 2 Build for Windows  | jelson_simEng | 04/02/2023 09:56 AM |                       |
| 5167 | Osmocom Analog                  | Feature | New    | Low      | LimeNet Micro  |               | 04/02/2023 08:57 AM |                       |
| 3068 | OsmoGSMTester                   | Bug     | New    | Low      | osmo-gsm-tester: resource objects leaked or destroyed too late   | pespin        | 03/31/2023 03:28 PM |                       |
| 3234 | OsmoGSMTester                   | Feature | New    | Low      | osmo-gsm-tester: poll the python-smpplib socket using non-busy approach  | pespin        | 03/31/2023 03:28 PM | Related to #2512      |
| 3740 | OsmoGSMTester                   | Bug     | New    | Low      | osmo-gsm-tester: Figure out best fix for iperf3m4.py where some MS fails to register                                   | pespin        | 03/31/2023 03:28 PM |                       |
| 4502 | OsmoGSMTester                   | Feature | New    | Low      | osmo-gsm-tester: support gpio controlled step attenuators of the LTHW main unit  | pespin        | 03/31/2023 03:28 PM |                       |
| 4406 | OsmoGSMTester                   | Feature | New    | Low      | osmo-gsm-tester: Support setting auth_algo milenage or similar on osmocom software and filling HLR parameters like OPC | pespin        | 03/31/2023 03:26 PM | Related to #4407      |
| 2860 | OsmoGSMTester                   | Feature | New    | Low      | osmo-gsm-tester: Add 3g support with nano3G board  | pespin        | 03/31/2023 03:26 PM | Related to #2860      |
| 4808 | OsmoGSMTester                   | Feature | New    | Low      | osmo-gsm-tester: Add test setup to verify baseband frequency hopping   | pespin        | 03/31/2023 03:25 PM |                       |
| 5986 | OsmoBSC                         | Bug     | New    | Normal   | PAGING impossible until CCCH LOAD IND is received from the BTS   | keith         | 03/31/2023 09:13 AM |                       |
| 5758 | OsmoDia2GSUP                    | Feature | New    | Normal   | bring osmo_dia2gsup to production quality  | lynxis        | 03/30/2023 08:13 PM |                       |
| 5985 | Cellular Network Infrastructure | Bug     | New    | Normal   | tests: not all Osmocom projects have @osmoappdesc.py@  |               | 03/29/2023 08:09 PM |                       |
| 5976 | pySim                           | Feature | New    | Low      | pySim-prog: do not program linked files multiple times   | dexter        | 03/27/2023 04:05 PM |                       |
| 5957 | OsmoBTS                         | Bug     | New    | Low      | not all osmo-bts variants respond to abisip-find   | jolly         | 03/22/2023 09:20 AM |                       |
| 5517 | OsmoBTS                         | Bug     | New    | Normal   | ttcn3-bts-test: new sporadic test case failures  | fixeria       | 03/20/2023 11:45 PM |                       |
| 5895 | OsmoBTS                         | Bug     | New    | Low      | LC15: Audio Quality Problem sometime after cf7a7fceb625a14fd764355c3b96fa86c77458c                                     |               | 03/20/2023 11:37 PM |                       |
| 5876 | OsmoHNBGW                       | Bug     | New    | Normal   | on HNBAP HNB Register, clear previous UE state if any  | neels         | 03/20/2023 01:27 PM |                       |



| #    | Project                               | Tracker | Status | Priority | Subject   | Assignee  | Updated             | Related issues                              |
|------|---------------------------------------|---------|--------|----------|---|-----------|---------------------|---|
| 5899 | libosmo-sccp + libosmo-sigtran        | Bug     | New    | Low      | ttcn3-sccp-test-latest is actually running code from master, not latest       | osmith    | 03/20/2023 01:18 PM |   |
| 5919 | Core testing infrastructure           | Bug     | New    | Low      | osmo-python-tests: Update/fix README or setup process                         | osmith    | 03/20/2023 10:17 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 |   |
| 5947 | Retrocomputing                        | Feature | New    | Low      | Assemble PC104-SVGA   | laforge   | 03/15/2023 09:29 AM |   |
| 5940 | Retrocomputing                        | Feature | New    | Low      | Assemble LPT_Capture  | laforge   | 03/15/2023 09:06 AM |   |
| 5930 | OsmoPCU                               | Feature | New    | Low      | handle multiple BTSs with one PCU   |           | 03/03/2023 10:47 AM |   |
| 5932 | Retrocomputing                        | Feature | New    | Low      | assemble ISA-USB  | laforge   | 03/02/2023 09:25 PM |   |
| 5936 | Retrocomputing                        | Feature | New    | Low      | Assemble netpi-ide  | laforge   | 03/02/2023 09:25 PM |   |
| 5931 | libosmo-netif                         | Bug     | New    | High     | heap-use-after-free when osmo_stream_srv_destroy() is called inside read_cb() | daniel    | 03/02/2023 11:03 AM |   |
| 5908 | Cellular Network Infrastructure       | Feature | New    | Low      | Cleanup license information throughout the projects                           |           | 02/16/2023 11:02 AM |   |
| 5865 | OsmoHLR                               | Feature | New    | Low      | Automate selection of LU Reject Cause   |           | 02/16/2023 10:36 AM |   |
| 2430 | OsmoTRX                               | Feature | New    | Low      | osmo-trx support bladerf  |           | 02/14/2023 01:39 PM | Is duplicate of #2430,Is duplicate of #2430 |
| 5864 | libosmocore                           | Bug     | New    | Normal   | Libosmocore: Fix order of config parsing output                               |           | 02/04/2023 05:21 PM |   |
| 5891 | osmo-remsim                           | Bug     | New    | Normal   | bankd: potential pthread deadlock reported by coverity                        | laforge   | 02/03/2023 07:35 PM |   |
| 4118 | SIMtrace 2                            | Bug     | New    | Normal   | VCC_PHONE strong pull on SIMtrace board                                       | mschramm  | 02/01/2023 12:16 PM | Related to #4118,Related to #4118           |
| 5887 | Cellular Network Infrastructure       | Bug     | New    | Low      | coverity: build everything in docker container and add CI                     | osmith    | 02/01/2023 10:25 AM |   |
| 5749 | Cellular Network Infrastructure       | Bug     | New    | Normal   | configure.ac: default CFLAGS, LT_INIT adds "-g -O2"                           | fixeria   | 01/31/2023 08:12 PM |   |
| 5885 | OCTOI - Osmocom Community TDM over IP | Feature | New    | Low      | set up a second GPS03 + icE1usb setup   | laforge   | 01/31/2023 08:05 PM | Related to #5885                            |
| 5436 | OCTOI - Osmocom Community TDM over IP | Feature | New    | Low      | BRI variant of OCTOI protocol   | laforge   | 01/30/2023 06:49 PM | Related to #5436                            |
| 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                            |
| 5780 | OsmoMSC                               | Feature | New    | Normal   | Implement/Support UUS1  |           | 01/24/2023 10:48 AM |   |
| 5867 | OsmoHNBGW                             | Feature | New    | Normal   | HNBGW_Tests.ttcn should do HNBAP UE Register and De-Register tests            |           | 01/21/2023 02:30 AM |   |
| 5869 | OsmoHNBGW                             | Bug     | New    | Normal   | osmo-hnbgw ignores HNBAP HNB De-Register                                      |           | 01/21/2023 01:52 AM |   |
| 5859 | OsmoTRX                               | Feature | New    | Normal   | remove non-neon and non-sse support   | Hoernchen | 01/16/2023 10:17 PM |   |

| #    | Project                         | Tracker | Status | Priority | Subject  | Assignee | Updated             | Related issues                                     |
|------|---------------------------------|---------|--------|----------|--|----------|---------------------|--|
| 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 |  |
| 2435 | OsmoHNBGW                       | Bug     | New    | Low      | Osmocom asn1c/libasn1c is based on old fork  |          | 12/21/2022 01:54 PM | Related to #2435,Related to #2435,Related to #3862 |
| 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 |  |
| 5833 | OsmoPCU                         | Feature | New    | Low      | A "meas-feed" for osmo-pcu   | keith    | 12/18/2022 06:42 PM |  |
| 5827 | OsmoPCU                         | Feature | New    | Normal   | osmo-pcu: Hardcoded limit of maximum number of 8 TRX per BTS   | pespin   | 12/16/2022 11:55 AM |  |
| 5831 | OsmocomBB                       | Bug     | New    | Normal   | SE K2x0i: built-in SIM reader is not working   | steve-m  | 12/16/2022 12:03 AM |  |
| 5822 | OsmocomBB                       | Bug     | New    | Normal   | SE K2x0i: missing RF and AFC params  |          | 12/15/2022 11:36 PM |  |
| 5829 | libosmocore                     | Feature | New    | Low      | log fallback for log_check_level(), log_parse_category()   |          | 12/13/2022 10:44 PM |  |
| 5819 | Cellular Network Infrastructure | Bug     | New    | Low      | Gerrit/gitiles: Parent links don't work  |          | 12/08/2022 01:28 PM |  |
| 2011 | Cellular Network Infrastructure | Feature | New    | Low      | clean-up / merge IPA (and IPA CCM) code of libosmocore, libosmo-abis, libosmo-netif, openbsc, etc.     |          | 12/07/2022 04:11 PM | Related to #4841                                   |
| 5815 | OsmocomBB                       | Feature | New    | Low      | mobile: compose Bearer Capability IE depending on PHY capabilities and GAPK codec support              |          | 12/06/2022 07:38 PM | Related to #5815,Related to #5815                  |
| 5814 | OsmoUPF                         | Feature | New    | Normal   | tunmap: more concisely match on GTP-U packets  |          | 12/06/2022 07:30 PM |  |
| 5812 | OsmocomBB                       | Feature | New    | Low      | mobile: missing AMR support  |          | 12/06/2022 03:07 PM | Related to #5812                                   |
| 5808 | gr-osmosdr                      | Feature | New    | Normal   | New option, for selecting an input channel of a soapy_source_c   |          | 12/05/2022 11:45 AM |  |
| 5744 | OsmoBSC                         | Bug     | New    | Low      | sysmobts: when a BTS is rf_locked and doesn't support BTS_FEAT_MULTI_TSC the OML connection is dropped | lynxis   | 11/23/2022 11:14 PM |  |

| #    | Project                                      | Tracker | Status | Priority | Subject  | Assignee  | Updated             | Related issues   |
|------|--|---------|--------|----------|--|-----------|---------------------|------------------|
| 5773 | OsmoGGSN (former OpenGGSN)                   | Bug     | New    | Normal   | OsmoGGSN sends Direct Tunnel packets to the wrong IP address                 |           | 11/17/2022 04:17 AM |                  |
| 4430 | SIMtrace 2                                   | Bug     | New    | Normal   | firmware can get in endless out-of-memory loop on OUT EP flood               | laforge   | 11/14/2022 11:46 PM |                  |
| 5771 | Cellular Network Infrastructure              | Feature | New    | Normal   | series of presentations about the individual CNI network elements            |           | 11/14/2022 07:25 PM |                  |
| 5766 | libosmo-abis                                 | Feature | New    | Low      | use Linux kernel KCM for IPA header?   |           | 11/13/2022 08:15 AM | Related to #5766 |
| 5764 | Cellular Network Infrastructure              | Bug     | New    | Normal   | GCC does not check format strings in LOGPFM 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 |                  |
| 5750 | Cellular Network Infrastructure              | Bug     | New    | Normal   | contrib/jenkins.sh: build with -Wunused-macros and -Wundef                   |           | 11/08/2022 08:07 PM |                  |
| 5740 | OsmoBSC                                      | Feature | New    | Low      | Disallow unworkable AMR modes.   | keith     | 11/08/2022 05:15 PM |                  |
| 5571 | Ericsson RBS 6xxx                            | Bug     | New    | High     | DUG can come up, but with Avail: "Power Off"                                 | dexter    | 11/08/2022 05:10 PM |                  |
| 5746 | Retronetworking                              | Feature | New    | Low      | Create H.221 decoder   |           | 11/07/2022 10:55 PM |                  |
| 5228 | OsmoTRX                                      | Feature | New    | Low      | osmo-trx: Missing unit tests for computeCI() and computeEdgeCI()             | Hoernchen | 11/07/2022 06:23 PM |                  |
| 5429 | OCTOI - Osmocom Community TDM over IP        | Feature | New    | Normal   | authentication in TDMoIP protocol  | laforge   | 11/07/2022 05:29 PM |                  |
| 5738 | Misc Hardware Projects                       | Bug     | New    | Normal   | Sim 800L module Connectivity   |           | 11/02/2022 06:55 PM |                  |
| 5731 | gr-osmosdr                                   | Bug     | New    | High     | Install gr-osmosdr on Ubuntu 20.04   |           | 10/27/2022 01:39 PM |                  |
| 5722 | Cellular Network Infrastructure              | Feature | New    | Low      | Migrate jenkins build slaves from docker to podman                           |           | 10/21/2022 08:29 PM | Related to #5722 |
| 5721 | OsmoCBC                                      | Feature | New    | Normal   | CBC messages Geographical Scope and CBS Index                                |           | 10/19/2022 07:23 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 |
| 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 |                  |
| 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 |                  |
| 5574 | OsmoBSCNAT                                   | Bug     | New    | Urgent   | OsmoBSCNAT testsuite running in jenkins                                      | Hoernchen | 10/06/2022 11:46 AM | Related to #5574 |
| 3531 | OP25   | Bug     | New    | Normal   | Unknown status of the p25 wireshark plugin                                   |           | 10/06/2022 05:52 AM |                  |

| #    | Project                         | Tracker | Status | Priority  | Subject  | Assignee | Updated             | Related issues                    |
|------|---------------------------------|---------|--------|-----------|--|----------|---------------------|-----------------------------------|
| 4745 | OsmoMGW                         | Bug     | New    | Low       | osmo-mgw: Wrong IP address returned in SDP "o=" section                                    |          | 10/05/2022 11:00 AM |                                   |
| 4630 | OsmoBTS                         | Bug     | New    | Low       | osmo-bts: GSMTAP DL (tx) messages use hardcoded signal level 0                             |          | 10/05/2022 09:11 AM |                                   |
| 4341 | BBS-Revival                     | Feature | New    | Normal    | setup for telnet access to legacy BBS software which doesn't have telnet/tcp support       | laforge  | 10/03/2022 12:09 PM |                                   |
| 5692 | Cellular Network Infrastructure | Feature | New    | Low       | switch to C99 standard flexible arrays instad of gcc-specific zero-length arrays           |          | 09/29/2022 05:59 AM |                                   |
| 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 |
| 5511 | Retronetworking                 | Feature | New    | Low       | Idea: DAHDI backend for mISDN  |          | 09/18/2022 03:59 PM |                                   |
| 5683 | Osmocom Libraries               | Bug     | New    | Immediate | How to install osmocom in China  |          | 09/18/2022 10:18 AM |                                   |
| 5682 | OsmoUPF                         | Feature | New    | Low       | cfg: separate PFCP Node ID from PFCP local address   |          | 09/17/2022 02:21 PM | Related to #5682                  |
| 4590 | libosmocore                     | Feature | New    | Normal    | Export talloc data as counters for better memory leakage monitoring in production          |          | 09/12/2022 03:53 PM |                                   |
| 5672 | Misc Hardware Projects          | Bug     | New    | Normal    | sfp-experimenter / voltage swing of LVDS driver insufficient for SFP spec                  |          | 09/02/2022 03:27 PM |                                   |
| 5662 | OsmoUPF                         | Feature | New    | Normal    | add Linux kernel options to manual   |          | 08/24/2022 03:13 PM |                                   |
| 5177 | osmo-sip-connector              | Bug     | New    | Normal    | respect dynamic RTP payload types of external SIP  | neels    | 08/23/2022 04:26 PM | Related to #5177,Related to #5177 |
| 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 |                                   |
| 5196 | OsmoMSC                         | Bug     | New    | Normal    | Verify several "event not permitted" log lines in unit tests                               | neels    | 08/23/2022 04:08 PM |                                   |
| 5197 | OsmoMSC                         | Bug     | New    | Normal    | msc_i Unimplemented msg type: HANDOVER PERFORMED   | neels    | 08/23/2022 04:05 PM |                                   |
| 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 |
| 5648 | libosmo-pfcp                    | Feature | New    | Normal    | implement common PFCP CPF client VTY config  |          | 08/17/2022 03:29 PM | Related to #5648                  |
| 5644 | Osmocom Libraries               | Bug     | New    | Normal    | Check library pkg-config files for proper dependencies                                     |          | 08/10/2022 01:02 PM | Related to #5644                  |
| 4092 | OsmoMGW                         | Feature | New    | Normal    | Osmux: Support dynamic allocation of osmux sockets   | pespin   | 08/10/2022 07:50 AM | Related to #4092                  |
| 5641 | OsmoCBC                         | Feature | New    | Normal    | OsmoCBC doesn't yet support reloading cells becoming operational with active messages      |          | 08/05/2022 05:10 PM |                                   |
| 5585 | OsmoCBC                         | Bug     | New    | Low       | CBC should not send WRITE-REPLACE to cells that had sent FAILURE                           |          | 08/05/2022 04:58 PM |                                   |
| 5633 | osmo-clock-gen                  | Feature | New    | Normal    | towards a first osmo-clock-gen production batch  | laforge  | 07/26/2022 12:39 PM |                                   |
| 5628 | osmo-remsim                     | Bug     | New    | Low       | client-st2: error mesasges when mapping is removed   |          | 07/24/2022 07:14 AM |                                   |
| 5614 | osmo-remsim                     | Feature | New    | Normal    | log also application-level errors  | laforge  | 07/11/2022 08:09 PM |                                   |
| 5505 | OsmocomBB                       | Feature | New    | Normal    | GPRS mobility (cell change) support  |          | 07/01/2022 06:24 AM | Related to #5505                  |

| #    | Project                               | Tracker | Status | Priority | Subject  | Assignee | Updated             | Related issues                                       |
|------|---------------------------------------|---------|--------|----------|--|----------|---------------------|--|
| 5550 | pySim                                 | Bug     | New    | Normal   | EF.ARR file decoding would need to be context dependent  | chrysn   | 06/24/2022 08:50 AM |  |
| 5586 | OsmoBSC                               | Feature | New    | Normal   | Ericsson RBS could recover Unlocked state without osmo-bsc restart                                       |          | 06/21/2022 10:23 PM | Related to #5983                                     |
| 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 |
| 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                                     |
| 3648 | OsmoMSC                               | Feature | New    | Low      | persistent VLR (across re-starts of osmo-msc / across power outage)                                      |          | 05/17/2022 05:39 PM | Related to #3649                                     |
| 5340 | OsmoMSC                               | Bug     | New    | Normal   | ttcn3-msc-test: more memory leaks  | fixeria  | 05/15/2022 04:47 PM |  |
| 1974 | OsmoMSC                               | Feature | New    | Low      | VLR: high water mark on subscriber storage   |          | 05/15/2022 01:45 PM | Related to #1973                                     |
| 2797 | linmodem                              | Bug     | New    | Normal   | X11 support is 16bit plane only  |          | 05/07/2022 11:34 PM |  |
| 4153 | OsmoMGW                               | Bug     | New    | Normal   | 3G voice broken with ALu 9361 femto  |          | 04/25/2022 05:43 PM |  |
| 5547 | OsmoBSC                               | Feature | New    | Low      | upon emergency call, from the MSC-pool pick an MSC that allows emergency calling                         |          | 04/25/2022 05:49 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 |  |
| 5545 | Retronetworking                       | Feature | New    | Low      | E1 support for dynamips  |          | 04/24/2022 09:56 AM |  |
| 5544 | OCTOI - Osmocom Community TDM over IP | Bug     | New    | Normal   | Strange HDLC frames in PPP when using mISDN/pppd/capiplugin against Portmaster3                          |          | 04/23/2022 01:50 PM |  |
| 5492 | OsmoBSCNAT                            | Bug     | New    | Normal   | Support MSC pooling  | osmith   | 04/11/2022 08:19 AM |  |
| 5521 | osmo-e1d                              | Bug     | New    | Low      | don't attempt OCTOI connection of no TDM data from driver (icE1usb)                                      |          | 04/10/2022 05:28 PM |  |
| 5515 | OsmoBSC                               | Bug     | New    | Normal   | BSC_Tests: re-establishment: RA during CHAN RQD should reflect re-establishment                          |          | 04/06/2022 08:02 PM |  |
| 5435 | OCTOI - Osmocom Community TDM over IP | Feature | New    | Low      | use DNS to resolve the server  |          | 04/05/2022 08:20 PM |  |
| 5512 | Retronetworking                       | Bug     | New    | Low      | Idea: L1OIP driver for DAHDI   |          | 04/03/2022 11:46 AM |  |
| 5509 | OsmoSGSN                              | Bug     | New    | Normal   | llc/pdu lifetime: add vty config option to define default lifetime                                       |          | 03/31/2022 04:11 PM |  |
| 5300 | OsmoPCU                               | Bug     | New    | Normal   | osmo-pcu: SUSPEND-NACK not implemented   |          | 03/31/2022 02:59 PM |  |
| 5507 | libosmocore                           | Feature | New    | Normal   | Optimize reset time after SGSN is restarted  | lynxis   | 03/31/2022 12:33 PM |  |
| 5481 | Open Source IMS Client                | Feature | New    | Urgent   | SIM card interface for doubango  | laforge  | 03/25/2022 11:00 AM | Related to #5482                                     |
| 5491 | OsmoMSC                               | Bug     | New    | Low      | MT CSFB calls fail (only) first time after Airplane mode toggle (probably on first attach to EUTRAN too) | keith    | 03/19/2022 09:37 PM |  |

| #    | Project                               | Tracker | Status | Priority | Subject  | Assignee | Updated             | Related issues                                     |
|------|---------------------------------------|---------|--------|----------|--|----------|---------------------|--|
| 5489 | linmodem                              | Feature | New    | Low      | linmodem mISDN integration   |          | 03/13/2022 09:35 PM |  |
| 4009 | OsmoBTS                               | Bug     | New    | Normal   | Channel Activation starts SACCH too early in Synchronous Handover        |          | 03/11/2022 12:44 PM | Related to #4009,Related to #4010,Related to #4009 |
| 5487 | OsmoSGSN                              | Feature | New    | Low      | get rid of osmo-juh.git's iu_client API and absorb into OsmoSGSN         |          | 03/10/2022 06:05 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                                   |
| 5483 | Open Source IMS Client                | Feature | New    | Normal   | SIM card interface for strongswan  |          | 03/07/2022 03:19 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 |  |
| 5474 | OsmoBTS                               | Bug     | New    | Normal   | osmo-bts-trx: DTXd support not implemented                               |          | 03/02/2022 05:06 PM | Related to #5474,Related to #5474                  |
| 5466 | OsmocomBB                             | Feature | New    | Normal   | CP2102N evaluation for burst_ind baudrate                                | laforge  | 02/22/2022 07:17 PM |  |
| 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 |  |
| 5445 | gr-osmosdr                            | Bug     | New    | Normal   | Please switch to the gr-funcube  |          | 02/15/2022 11:56 PM |  |
| 5415 | SIMtrace 2                            | Bug     | New    | Normal   | cardem: watchdog triggers firmware reset                                 | lynxis   | 02/15/2022 08:07 PM |  |
| 4749 | OsmoGGSN (former OpenGGSN)            | Bug     | New    | Normal   | Unknown/Unimplemented PCO Protocol                                       |          | 02/09/2022 01:26 PM |  |
| 5448 | gr-osmosdr                            | Bug     | New    | Low      | a bug related to gqrx using gr-osmosdr for sdrplay rsp1 through soapy(?) |          | 02/09/2022 02:56 AM |  |
| 5446 | Cellular Network Infrastructure       | Feature | New    | Normal   | correlate git version to ttcn3 tests                                     |          | 02/07/2022 09:40 PM | Related to #5446                                   |
| 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 |  |
| 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 |  |
| 5437 | OCTOI - Osmocom Community TDM over IP | Feature | New    | Low      | brainstorm about making protocol even more efficient                     | laforge  | 01/30/2022 01:45 PM |  |
| 5433 | OCTOI - Osmocom Community TDM over IP | Bug     | New    | Normal   | forwarding of TS0 / Alarms   |          | 01/30/2022 11:02 AM |  |
| 5427 | OCTOI - Osmocom Community TDM over IP | Feature | New    | Low      | STUN/TURN/ICE for peer-to-peer connections                               |          | 01/30/2022 10:43 AM |  |
| 4226 | Retronetworking                       | Feature | New    | Low      | STM-1 / USB interface?   |          | 01/30/2022 10:14 AM |  |
| 5425 | gr-osmosdr                            | Bug     | New    | High     | Problem receiving samples using dual receivers with BladeRF              |          | 01/29/2022 04:22 AM |  |
| 5423 | SIMtrace 2                            | Bug     | New    | Low      | "trace" firmware continuous test setup                                   |          | 01/27/2022 12:24 PM |  |
| 4149 | libosmocore                           | Bug     | New    | Normal   | osmo_fsm allows event names to have spaces in them                       | laforge  | 01/25/2022 09:53 AM |  |
| 5380 | osmo-ccid-firmware                    | Bug     | New    | Normal   | Incorrect answer to PC_to_RDR_SetParameters CCID command                 |          | 01/16/2022 08:55 PM |  |

| #    | Project                     | Tracker | Status | Priority | Subject  | Assignee | Updated             | Related issues   |
|------|-----------------------------|---------|--------|----------|--|----------|---------------------|------------------|
| 5403 | OsmoMSC                     | Feature | New    | Normal   | Can't connect Call from 2G to 4G network   | laforge  | 01/14/2022 10:41 PM |                  |
| 5398 | OsmoSGSN                    | Bug     | New    | Normal   | Null pointer access at "uctx" in ranap_iu_tx   | pespin   | 01/10/2022 01:14 PM |                  |
| 5396 | OsmocomDECT                 | Bug     | New    | High     | TcpDump/WireShark will not build with libpcap(dect)  |          | 01/09/2022 12:57 PM |                  |
| 5395 | OsmocomDECT                 | Feature | New    | Normal   | Support for LMX3161  |          | 01/09/2022 12:55 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 |                  |
| 5389 | OsmocomDECT                 | Bug     | New    | Low      | Namespace clashes between kernel and userspace   |          | 01/09/2022 12:30 PM |                  |
| 5388 | OsmocomDECT                 | Bug     | New    | Low      | {MM-INFO-SUGGEST} message not sent with ext bit set to 0   |          | 01/09/2022 12:28 PM |                  |
| 5386 | osmo-e1d                    | Bug     | New    | Low      | stop watchdog when LOS is present  | laforge  | 01/05/2022 08:38 PM |                  |
| 5378 | erlang/osmo_ss7             | Bug     | New    | Normal   | ipa: add support for client application  | laforge  | 01/05/2022 08:36 PM |                  |
| 5372 | osmo-lab-rack               | Feature | New    | Low      | AC power supply  |          | 12/23/2021 06:33 PM |                  |
| 5371 | osmo-lab-rack               | Feature | New    | Low      | component carrier USB-UART   |          | 12/23/2021 06:31 PM |                  |
| 5370 | osmo-lab-rack               | Feature | New    | Low      | component carrier USB hub  |          | 12/23/2021 06:30 PM |                  |
| 5047 | OsmoSDR                     | Feature | New    | Normal   | Inconsistencies between SDR's in bias-tee parameter  |          | 12/19/2021 01:17 PM |                  |
| 5323 | Core testing infrastructure | Feature | New    | Normal   | Add docker image containing titan.core master  |          | 12/15/2021 04:43 PM | Related to #6187 |
| 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 |                  |
| 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 |                  |
| 5128 | Core testing infrastructure | Feature | New    | Low      | dec_RlcmacDICtrlBlock: Get rid of annoying warning about remaining padding                                 |          | 12/09/2021 09:14 PM |                  |
| 5346 | libosmocore                 | Bug     | New    | Low      | osmo-release.sh doesn't work with %{sover} macro in spec.in  | pespin   | 12/09/2021 12:03 PM |                  |
| 5320 | osmo-remsim                 | Feature | New    | Low      | support SAP of Telit AT#RSEN   |          | 11/22/2021 10:38 AM |                  |
| 5321 | osmo-remsim                 | Feature | New    | Low      | support SAP of u-blox AT+USAPMODE  |          | 11/22/2021 10:37 AM |                  |
| 5313 | OsmoMGW                     | Bug     | New    | Normal   | libosmo-mgcp-client-dbg specific package not generated for debian  |          | 11/16/2021 03:57 PM |                  |
| 5212 | OsmoPCU                     | Bug     | New    | Low      | apparently T3193 is by default not set to its defined default value  | pespin   | 11/15/2021 07:13 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 |                  |

| #    | Project            | Tracker | Status | Priority | Subject   | Assignee  | Updated             | Related issues   |
|------|--------------------|---------|--------|----------|---|-----------|---------------------|------------------|
| 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 |                  |
| 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 |                  |
| 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 |                  |
| 4860 | libosmo-abis       | Feature | New    | Low      | Implement separation of line/TEI/datalinks in E1 pcap                                       |           | 11/04/2021 06:31 PM |                  |
| 5156 | OsmoBSC            | Feature | New    | Low      | Support intraBSC handover between distinct BTS types  |           | 11/04/2021 06:27 PM |                  |
| 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 |                  |
| 1997 | OsmoHNBGW          | Feature | New    | Normal   | Improve error check at compilation time   |           | 10/21/2021 04:28 PM |                  |
| 5227 | OsmoPCU            | Bug     | New    | Normal   | osmo-pcu: Attempt recovery of TBF when one of its assigned PDCH TS becomes disabled         | pespin    | 10/18/2021 10:12 AM |                  |
| 5127 | pySim              | Feature | New    | Normal   | tool for "re-formatting" [sysmocom] cards in tester   | laforge   | 10/14/2021 07:16 PM | Related to #5127 |
| 5267 | pySim              | Feature | New    | Normal   | pySim-shell: Ability to deactivate entire applications on the card                          |           | 10/14/2021 07:12 PM | Related to #5268 |
| 5268 | pySim              | Feature | New    | Normal   | pySim-shell: GlobalPlatform SCP02 support   | laforge   | 10/14/2021 07:12 PM | Related to #5268 |
| 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 |
| 5247 | Osmocom Analog     | Bug     | New    | Normal   | AMPS Segmentation fault   | jolly     | 10/04/2021 11:48 PM |                  |
| 5246 | OsmoBSC            | Bug     | New    | Low      | sigsegv in bts_count_free_ts()  | keith     | 10/03/2021 08:08 PM | Related to #5324 |
| 5057 | OsmoMSC            | Bug     | New    | High     | Can only send a maximum of 15 SMPP messages?  | Hoernchen | 09/15/2021 09:53 AM |                  |
| 5149 | OsmoPCU            | Bug     | New    | Low      | osmo-pcu fails to allocate all DL-TBF possible slots under specific scenario                | pespin    | 09/15/2021 09:49 AM |                  |
| 5178 | OsmoTRX            | Bug     | New    | Normal   | LimeNET Micro clock error   | Hoernchen | 09/15/2021 09:42 AM |                  |
| 5190 | OsmoBSC            | Bug     | New    | Low      | segfault with osmo-e1d  |           | 09/15/2021 09:34 AM |                  |
| 4249 | osmo-remsim        | Feature | New    | Normal   | ability to explicitly provision an "empty SIM card slot" to a modem                         | laforge   | 09/08/2021 07:48 PM | Related to #5216 |
| 5218 | gr-osmosdr         | Bug     | New    | Normal   | compilation fails: "no matching function for call to fcd_source_c::connect"                 |           | 09/05/2021 10:58 PM |                  |
| 5229 | libosmocore        | Bug     | New    | Low      | SNS Size with max_nsvcs = 1 results in a valid config even 2 binds a configured             | lynxis    | 09/05/2021 08:18 PM |                  |
| 5220 | rtl-sdr            | Bug     | New    | Normal   | Undefined reference to libusb_dev_mem_free  | steve-m   | 08/31/2021 09:21 AM |                  |
| 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 |                  |



| #    | Project                                  | Tracker | Status | Priority | Subject   | Assignee | Updated             | Related issues   |
|------|--|---------|--------|----------|---|----------|---------------------|--|
| 1573 | OsmoBTS                                  | Feature | New    | Low      | ENHANCED MEASUREMENT REPORT   |          | 07/19/2021 04:13 PM |  |
| 4990 | OsmoBSC                                  | Feature | New    | Low      | TTCN3 test for AMR MultiRate IEs in RR and RSL  |          | 07/02/2021 04:34 PM |  |
| 5025 | OsmoBTS                                  | Feature | New    | Normal   | Missing TTCN-3 coverage for the Timing Advance loop   | fixeria  | 07/02/2021 04:28 PM |  |
| 5031 | OsmoSDR                                  | Bug     | New    | Normal   | Please switch to gr-funcube   |          | 06/17/2021 09:23 AM |  |
| 5183 | OsmoHLR                                  | Feature | New    | Low      | EIR functionality   |          | 06/16/2021 06:22 AM | Related to #5183   |
| 4638 | Altair LTE Modems                        | Feature | New    | Normal   | Mikrotik R11e-4G mtd dump   |          | 06/13/2021 10:15 AM |  |
| 5179 | libosmocore                              | Bug     | New    | Normal   | gprs_ns2: use refcounting for the NSE   | lynxis   | 06/13/2021 03:08 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   |
| 3820 | OsmoHNBGW                                | Bug     | New    | Normal   | osmo-hnbgw does not properly do RANAP RESET and RESET ACK on the link towards MSC and SGSN  |          | 05/13/2021 12:01 PM | Related to #3944   |
| 4158 | OsmoHNBGW                                | Bug     | New    | Normal   | segfault when paging, in a situation with duplicate CID in hnb register requests            |          | 05/13/2021 12:01 PM | Related to #4162   |
| 5143 | Osmocom Analog                           | Feature | New    | Low      | Using ADALM PLUTO SDR with osmocom-analog   | jolly    | 05/05/2021 05:01 PM |  |
| 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 |  |
| 3712 | SIMtrace 2                               | Bug     | New    | Low      | TRACE_FATAL not printing  | laforge  | 04/06/2021 01:28 AM |  |
| 5015 | libosmocore                              | Bug     | New    | Low      | ns2: add consistency check for ns configuration as callback                                 |          | 03/29/2021 09:17 PM |  |
| 5016 | libosmocore                              | Bug     | New    | Low      | ns2: what happens when a dynamic NSE is present, but the user tries to configure it via vty | lynxis   | 03/29/2021 09:17 PM |  |
| 5035 | libosmocore                              | Bug     | New    | Low      | ns2: add a vty to drop a sns connection   |          | 03/29/2021 09:16 PM |  |
| 1762 | libosmocore                              | Bug     | New    | Normal   | Review LAPD code for race conditions regarding state, particularly in RELEASE               | laforge  | 03/24/2021 12:37 PM | Related to #1760, Related to #1761, Related to #1982, Related to #2694 |
| 2688 | libosmocore                              | Bug     | New    | Normal   | CTRL iface: make rate_ctr request parser more strict  |          | 03/24/2021 12:37 PM | Related to #4443   |
| 1872 | libosmocore                              | Feature | New    | Low      | high-performance remote logging   |          | 03/24/2021 12:36 PM |  |
| 3983 | libosmocore                              | Bug     | New    | Normal   | osmo_fsm_inst_change_parent() forgets to talloc reparent                                    |          | 03/24/2021 12:35 PM |  |
| 3909 | libosmocore                              | Bug     | New    | Normal   | osmo_get_rand_id() fails in containerised environment                                       |          | 03/24/2021 12:34 PM | Related to #3909   |
| 4591 | libosmocore                              | Feature | New    | Normal   | Export FSM states and statistics with counters  |          | 03/24/2021 12:34 PM |  |
| 4103 | libosmocore                              | Feature | New    | Low      | TUAK support as per 3GPP TS 35.231  |          | 03/24/2021 12:33 PM |  |
| 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 |  |

| #    | 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 |
| 4908 | libosmocore                           | Bug     | New    | Normal   | Errors compiling with -std=c++14  |          | 03/01/2021 03:38 PM |  |
| 5050 | OsmoTRX                               | Bug     | New    | Normal   | How can I solve limesdr mini clock problem with osmocom ?                 |          | 02/27/2021 01:55 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 |  |
| 5044 | OsmoMGW                               | Bug     | New    | Low      | potential null pointer dereferences                                       | pespin   | 02/24/2021 11:48 AM |  |
| 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 |  |
| 4950 | gr-osmosdr                            | Bug     | New    | Normal   | gr-osmosdr doesn't find iqbalance during build                            |          | 02/22/2021 02:46 AM |  |
| 5029 | libosmocore                           | Bug     | New    | Normal   | vty: optional cases with multiple arguments is undefined behaviour        |          | 02/18/2021 05:44 PM |  |
| 1975 | Cellular Network Infrastructure       | Feature | New    | Low      | Redesigned configuration management / MIB                                 | laforge  | 02/16/2021 05:59 PM |  |
| 2601 | libosmo-sccp + libosmo-sigtran        | Feature | New    | Low      | osmo-msc still needs libosmo-sccp-dev for SCCP CAUSE definitions          | laforge  | 02/13/2021 06:07 PM |  |
| 1558 | OsmoPCU                               | Feature | New    | Low      | Generate BSSGP LLC Discarded messages on TBF/MS free                      | osmith   | 02/13/2021 05:44 PM | Related to #4847                                   |
| 4446 | OsmoBTS                               | Bug     | New    | Low      | osmo-bts doesn't actually ever connect() its RTP/UDP sockets              | pespin   | 02/13/2021 05:37 PM | Related to #4446                                   |
| 4578 | Cellular Network Infrastructure       | Bug     | New    | High     | Updated slides / presentations / videos on setting up Osmocom CNI         | laforge  | 02/13/2021 05:35 PM |  |
| 4579 | OsmoBTS                               | Bug     | New    | Normal   | add IPv6 support  |          | 02/12/2021 12:26 PM |  |
| 1527 | OsmoPCU                               | Feature | New    | Low      | Set correct values of the puncturing scheme and the retransmission flag   | pespin   | 02/08/2021 07:10 PM |  |
| 1532 | OsmoPCU                               | Bug     | New    | Low      | Increased number of poll timeouts on shared PDCHs                         | pespin   | 02/08/2021 05:22 PM | Related to #1524                                   |
| 3403 | OsmoSGSN                              | Bug     | New    | Normal   | osmo-sgsn doesn not connect properly with via SCCP when restarted         | lynxis   | 02/07/2021 12:57 PM | Related to #3403                                   |
| 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                  |
| 2571 | libosmo-abis                          | Bug     | New    | Low      | libosmo-abis API documentation missing (doxygen)                          | osmith   | 02/06/2021 02:27 PM |  |
| 4069 | Cellular Network Infrastructure       | Bug     | New    | Low      | Implement IPA PING/PONG mechanism everywhere                              | osmith   | 02/06/2021 02:27 PM | Related to #4072                                   |
| 5013 | Cellular Network Infrastructure       | Feature | New    | Low      | investigate "vtysh" for Osmocom   |          | 02/06/2021 02:14 PM | Related to #5013                                   |
| 3714 | Cellular Network Infrastructure       | Feature | New    | Low      | implement Internal Handover With MSC Support                              | neels    | 02/06/2021 02:04 PM | Related to #3714                                   |
| 3628 | Cellular Network Infrastructure       | Feature | New    | Low      | document nanoBTS calibration procedure using ipaccess-config tool         | fixeria  | 02/06/2021 02:03 PM | Related to #3628                                   |

| #    | Project                     | Tracker | Status | Priority | Subject  | Assignee | Updated             | Related issues                    |
|------|-----------------------------|---------|--------|----------|--|----------|---------------------|-----------------------------------|
| 44   | OsmoSGSN                    | Bug     | New    | Normal   | TLLI clash possible  | pespin   | 02/06/2021 01:31 PM |                                   |
| 1528 | OsmoPCU                     | Bug     | New    | Low      | Find a real fix for EGPRS_AckNack_w_len_t decoding   | pespin   | 02/06/2021 01:04 PM |                                   |
| 2494 | OsmoGGSN (former OpenGGSN)  | Feature | New    | Low      | IPv6 support on the outer (transport) layer  |          | 02/06/2021 12:09 PM |                                   |
| 3285 | OsmoPCU                     | Feature | New    | Normal   | design + implement tools to analyze inter-PCU cell changes   | daniel   | 02/06/2021 11:12 AM | Related to #3284                  |
| 4010 | OsmoBSC                     | Feature | New    | Low      | Test RSL CHAN ACT related details for different scenarios  | neels    | 02/06/2021 10:04 AM | Related to #4010,Related to #4010 |
| 5012 | osmo-uecups                 | Feature | New    | Low      | use osmo-uecups from GGSN_Tests.ttcn   | pespin   | 02/06/2021 10:02 AM | Related to #5012                  |
| 4621 | OsmoBSC                     | Support | New    | Normal   | feedback: osmo-bsc modifies the LAI in LU Accept messages, and the MM info data  | neels    | 02/06/2021 09:50 AM |                                   |
| 4691 | OsmoMSC                     | Bug     | New    | Low      | selfault in osmo_sockaddr_str_is_set() via call_leg_ensure_ci()  |          | 02/06/2021 09:47 AM |                                   |
| 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 |                                   |
| 3672 | Osmocom Analog              | Feature | New    | Normal   | Custom announcement and tones  | jolly    | 02/01/2021 10:25 AM |                                   |
| 4993 | libosmocore                 | Bug     | New    | Low      | gsm_septets2octets: warning: use of NULL 'rdata' where non-null expected [CWE-690] [-Wanalyzer-null-argument]            | fixeria  | 01/29/2021 08:49 PM |                                   |
| 4989 | OsmoBTS                     | Feature | New    | Low      | AMR RATSCCH support  |          | 01/28/2021 01:41 PM |                                   |
| 4988 | OsmoBTS                     | Feature | New    | Low      | No TTCN3 test for AMR TFO / DL CMR handling  |          | 01/28/2021 01:38 PM |                                   |
| 4987 | OsmoBTS                     | Feature | New    | Low      | No TTCN3 test for AMR DTX FSMs   |          | 01/28/2021 01:37 PM | Related to #5474                  |
| 4986 | OsmoBTS                     | Feature | New    | Low      | No TTCN3 tests of AMR rate/link adaptation   |          | 01/28/2021 01:36 PM |                                   |
| 4985 | OsmoBTS                     | Bug     | New    | Normal   | AMR RTP CMR of downlink frames not used to influence CMC   |          | 01/28/2021 01:35 PM |                                   |
| 4983 | OsmoMSC                     | Feature | New    | Low      | PERFORM LOCATION REQUEST / RESPONSE  |          | 01/28/2021 11:44 AM |                                   |
| 4981 | OsmoBSC                     | Feature | New    | Low      | Support for generating BSSMAP RESOURCE INDICATION  |          | 01/27/2021 03:02 PM | Related to #4982                  |
| 4982 | OsmoMSC                     | Feature | New    | Low      | Support for BSSMAP RESOURCE INDICATION   |          | 01/27/2021 03:01 PM | Related to #4982                  |
| 4980 | OsmoMSC                     | Feature | New    | Low      | Implement routing of BSSMAP LOAD INDICATION in OsmoMSC   |          | 01/27/2021 02:43 PM | Related to #4980,Related to #4980 |
| 4979 | OsmoBSC                     | Feature | New    | Low      | Support for parsing incoming BSSMAP LOAD INDICATION  |          | 01/27/2021 02:41 PM | Related to #4979,Related to #4980 |
| 4978 | OsmoBSC                     | Feature | New    | Low      | Support for generating BSSMAP LOAD INDICATION  |          | 01/27/2021 02:40 PM | Related to #4979,Related to #4980 |
| 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                  |
| 4972 | OsmoMSC                     | Bug     | New    | Normal   | manual: the MNCC protocol is outdated (RTP)  |          | 01/24/2021 05:58 PM |                                   |

| #    | Project                         | Tracker | Status | Priority | Subject  | Assignee | Updated             | Related issues                    |
|------|---------------------------------|---------|--------|----------|--|----------|---------------------|-----------------------------------|
| 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 |                                   |
| 4961 | osmo-gbproxy                    | Feature | New    | Normal   | gbproxy support for "network sharing" via MOCN   |          | 01/20/2021 08:38 PM |                                   |
| 3831 | OsmoBSC                         | Feature | New    | Low      | BSC support for "network sharing" via MOCN   |          | 01/20/2021 10:03 AM | Related to #4473                  |
| 4521 | osmo-gbproxy                    | Feature | New    | Normal   | gbproxy: Redundancy between NS-VCs (SGSN Side)   | laforge  | 01/19/2021 05:24 PM | Related to #4959                  |
| 1579 | OsmoBTS                         | Feature | New    | Low      | Use epoll  |          | 01/15/2021 01:44 PM |                                   |
| 4944 | OsmoCBC                         | Feature | New    | Low      | 3G SABP support in OsmoCBC   | laforge  | 01/13/2021 09:13 AM | Related to #4944,Related to #4944 |
| 4942 | gr-osmosdr                      | Bug     | New    | Normal   | XTRX: Unable to compile due to error   | RFNOD    | 01/12/2021 08:29 PM |                                   |
| 4596 | OsmocomTETRA                    | Feature | New    | Normal   | Port to GR3.8  |          | 01/08/2021 05:23 PM |                                   |
| 4337 | OsmoMSC                         | Bug     | New    | Normal   | osmo-msc: Don't send LU-Reject after LU-Accept if no TMSI Realloc Complete is received         |          | 01/07/2021 06:22 PM | Related to #4337                  |
| 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                  |
| 4930 | OsmoBSC                         | Bug     | New    | Normal   | bsc: cbc: vty: "no remote-ip" in cbc > client  |          | 12/31/2020 10:42 PM |                                   |
| 2394 | OsmoHNBGW                       | Feature | New    | Low      | Implement SABP (Service Area Broadcast Protocol)   | laforge  | 12/30/2020 01:19 AM | Related to #2392,Related to #3979 |
| 4900 | OsmoGSMTester                   | Feature | New    | Low      | hardware and wiring verification / selftest  |          | 12/08/2020 11:03 AM |                                   |
| 4893 | osmo-gbproxy                    | Feature | New    | Low      | gbproxy2: Make feature bitmap configurable   |          | 12/08/2020 07:55 AM | Related to #4893                  |
| 4886 | OsmoSGSN                        | Bug     | New    | Normal   | UE does not connect data when moving from 2G->3G   |          | 12/04/2020 01:29 AM |                                   |
| 4884 | OsmoBSC                         | Bug     | New    | Normal   | RLL_REL_IND is recieved after RF_CHAN_REL  |          | 12/02/2020 11:51 AM |                                   |
| 4885 | libosmocore                     | Bug     | New    | Normal   | configure doesn't check for python3  |          | 12/02/2020 03:36 AM |                                   |
| 4883 | Cellular Network Infrastructure | Bug     | New    | Normal   | update OsmoNITB migration guide  | neels    | 12/01/2020 08:32 AM |                                   |
| 4019 | OsmoPCU                         | Bug     | New    | Normal   | implement a command to show all informations from the bts                                      |          | 11/25/2020 07:33 PM |                                   |
| 4488 | OsmoPCU                         | Feature | New    | Normal   | have uplink/downlink tests for all CS/MCS  |          | 11/25/2020 07:28 PM | Related to #4488,Related to #4510 |
| 4863 | OsmoMSC                         | Bug     | New    | Low      | T3212 is unclear in config/vty   |          | 11/19/2020 06:10 PM |                                   |
| 4746 | libosmocore                     | Bug     | New    | Normal   | gb: NS2: implement a NSE based logfilter   |          | 11/14/2020 08:42 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 |                                   |
| 4847 | OsmoPCU                         | Bug     | New    | Normal   | fix LLC-DISCARD behaviour  |          | 11/04/2020 02:37 AM | Related to #4847                  |

| #    | Project                     | Tracker | Status | Priority | Subject  | Assignee | Updated             | Related issues                                   |
|------|-----------------------------|---------|--------|----------|--|----------|---------------------|--|
| 4846 | OsmoPCU                     | Feature | New    | Normal   | change RBB received block bitmap into 1s when everything was acked |          | 11/04/2020 02:29 AM |  |
| 4840 | Core testing infrastructure | Feature | New    | Low      | migrate osmo-gsm-tester docker images to registry.osmocom.org      | pespin   | 11/02/2020 05:13 PM | Related to #4840                                 |
| 2840 | OsmoHLR                     | Feature | New    | Low      | HLR should allow 2g-only or 3g-only subscribers                    | neels    | 10/28/2020 09:22 PM |  |
| 3002 | OsmoBSC                     | Bug     | New    | Normal   | HO2: handover decision for dynamic timeslots                       | neels    | 10/28/2020 08:46 PM | Related to #1606, Related to #1608, Blocks #3002 |

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