

## Issues

| #    | Project                                        | Tracker | Status      | Priority | Subject                                                                                                                                          | Assignee | Updated             | Related issues                     |
|------|------------------------------------------------|---------|-------------|----------|--------------------------------------------------------------------------------------------------------------------------------------------------|----------|---------------------|------------------------------------|
| 6443 | gr-osmosdr                                     | Bug     | New         | Normal   | RF gain: erroneously using 14                                                                                                                    | horiz0n  | 04/27/2024 06:21 PM |                                    |
| 6441 | OsmoSGSN                                       | Bug     | New         | Normal   | use-after-free on RAU with invalid Old RAI                                                                                                       |          | 04/22/2024 01:23 PM | Related to #6441                   |
| 6440 | libosmocore                                    | Bug     | Feedback    | Normal   | VTY: 'write file' breaks 'show startup-config'                                                                                                   |          | 04/26/2024 04:23 AM |                                    |
| 6438 | libosmocore                                    | Bug     | New         | Normal   | write_config_file() calls blocking sync()                                                                                                        |          | 04/26/2024 09:15 AM |                                    |
| 6437 | libosmocore                                    | Bug     | Feedback    | Normal   | osmo_io_ops segmentation_cb missing parameter holding state                                                                                      | pespin   | 04/19/2024 10:17 AM |                                    |
| 6436 | OsmoPCU                                        | Bug     | New         | High     | high cpu usage, entire BTS unresponsive after some hours                                                                                         | keith    | 04/13/2024 04:32 PM |                                    |
| 6435 | osmo-ePDG - VoWifi Evolved Packet Data Gateway | Bug     | In Progress | Normal   | epdg: fix inter-UE traffic                                                                                                                       | lynxis   | 04/08/2024 06:55 PM |                                    |
| 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   | ttcn3-msc-test: TC_mo_ussd_for_unknown_trans fails sporadically                                                                                  |          | 04/02/2024 03:01 PM | Related to #6427                   |
| 6426 | OsmoMSC                                        | Bug     | Feedback    | Normal   | ttcn3-msc-test: TC_mm_id_resp_no_identity fails sporadically                                                                                     | fixeria  | 04/03/2024 06:49 PM | Related to #6426, Related to #6427 |
| 6424 | OsmoMGW                                        | Bug     | In Progress | High     | TC_one_crcx_loopback_rtp_implicit consistently failing in master, but passes on latest                                                           | neels    | 03/27/2024 08:17 PM |                                    |
| 6422 | OsmoBSC                                        | Bug     | Feedback    | Normal   | latest: BSC_Tests.TC_ctrl_location started fo fail on March 15th                                                                                 | fixeria  | 04/02/2024 06:56 PM |                                    |
| 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-smdpp 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 |                                    |
| 6413 | rtl-sdr                                        | Bug     | New         | Normal   | Incorrect Debian/Debian-like binary packages                                                                                                     | steve-m  | 03/22/2024 05:09 PM |                                    |
| 6411 | Cellular Network Infrastructure                | Bug     | Stalled     | Normal   | ttcn3: execute testsuites with a more realistic link performance                                                                                 |          | 04/03/2024 06:25 PM |                                    |
| 6410 | libosmocore                                    | Bug     | New         | Normal   | osmo_io poll backend doesn't work on file descriptors that are not sockets                                                                       |          | 03/19/2024 07:33 PM |                                    |
| 6398 | pySim                                          | Bug     | New         | Normal   | Add helper for SwMatchError                                                                                                                      |          | 03/09/2024 09:34 PM |                                    |
| 6396 | osmo-ePDG - VoWifi Evolved Packet Data Gateway | Bug     | Feedback    | Normal   | add support for auth failure with resync                                                                                                         | lynxis   | 03/11/2024 10:19 AM |                                    |

| #    | Project                                        | Tracker | Status      | Priority | Subject                                                                                      | Assignee  | Updated             | Related issues   |
|------|------------------------------------------------|---------|-------------|----------|----------------------------------------------------------------------------------------------|-----------|---------------------|------------------|
| 6393 | libosmocore                                    | Bug     | New         | Normal   | osmo_io conflating osmo_iofd_unregister vs osmo_iofd_close                                   | daniel    | 03/07/2024 09:47 AM |                  |
| 6386 | Core testing infrastructure                    | Bug     | In Progress | Normal   | eclipse-titan 9.0.0 not building in debian unstable                                          | osmith    | 03/04/2024 02:10 PM |                  |
| 6382 | Linux Kernel GTP-U                             | Bug     | Feedback    | Normal   | "TC_pdp6_act_deact_gtpu_access" fails with kernel gtp-u                                      |           | 03/05/2024 04:06 PM |                  |
| 6381 | Core testing infrastructure                    | Bug     | Feedback    | Low      | libosmocore changes take too long until they propagate through OBS master                    | laforge   | 03/01/2024 10:10 AM |                  |
| 6380 | OsmoHNBGW                                      | Bug     | New         | Normal   | VTY transcript tests are broken [again]                                                      |           | 02/28/2024 06:57 PM |                  |
| 6378 | OsmoBSC                                        | Bug     | New         | Low      | Ericsson DUG 20 rejects SI2quater                                                            | keith     | 03/10/2024 06:38 PM | Related to #6378 |
| 6377 | erlang/osmo_ss7                                | Bug     | Feedback    | Normal   | ipa: Failure decoding ipa frames split between several tcp packets                           | pespin    | 02/28/2024 03:00 PM |                  |
| 6374 | libosmocore                                    | Bug     | New         | Normal   | libosmocore --disable-libscpt not tested by jenkins                                          |           | 02/23/2024 03:47 PM |                  |
| 6372 | OsmocomBB SDR PHY                              | Bug     | New         | Normal   | Cant connect to BS using cell_log and mobile                                                 |           | 02/22/2024 07:13 AM |                  |
| 6370 | osmo-ePDG - VoWifi Evolved Packet Data Gateway | Bug     | In Progress | Normal   | setup ims with kamilio                                                                       | lynxis    | 03/14/2024 09:01 PM |                  |
| 6366 | osmo-ePDG - VoWifi Evolved Packet Data Gateway | Bug     | New         | Normal   | strongswan: test if gsup_client will resend old requests on reconnect                        | lynxis    | 02/18/2024 09:16 PM | Related to #6366 |
| 6365 | osmo-ePDG - VoWifi Evolved Packet Data Gateway | Bug     | New         | Normal   | strongswan: get the PDP type out of the IKE_AUTH/CFG_REQUEST                                 | lynxis    | 02/23/2024 03:29 AM |                  |
| 6364 | osmo-ePDG - VoWifi Evolved Packet Data Gateway | Bug     | In Progress | Normal   | strongswan: gsup: remove single request limitation                                           | lynxis    | 02/20/2024 05:59 PM | Related to #6366 |
| 6363 | osmo-ePDG - VoWifi Evolved Packet Data Gateway | Bug     | New         | Normal   | strongswan: Catch IKEv2 disconnects                                                          | lynxis    | 02/17/2024 01:21 AM |                  |
| 6361 | osmo-ePDG - VoWifi Evolved Packet Data Gateway | Bug     | Feedback    | Normal   | open5gs-upfd: Fix open5gs package assigning 1st IP address of the UE pool to the ogstun      | lynxis    | 04/22/2024 05:29 PM | Related to #6361 |
| 6360 | libosmocore                                    | Bug     | New         | Normal   | libosmovty fails to parse commands like "test (foo bar) [(one two three)]"                   |           | 02/14/2024 09:25 PM |                  |
| 6356 | libosmo-sccp + libosmo-sigtran                 | Bug     | New         | Normal   | DLGLOBAL ERROR Trying to dispatch event 17 to non-existent FSM instance! (osmo_ss7_as.c:118) | pespin    | 02/08/2024 10:27 PM |                  |
| 6352 | Cellular Network Infrastructure                | Bug     | Stalled     | Low      | ttcn3-bts-test[-latest] is broken since Feb 1st / docker and multicast                       | osmith    | 03/06/2024 03:57 PM |                  |
| 6349 | Cellular Network Infrastructure                | Bug     | Feedback    | Normal   | example configs missing in release tarballs                                                  | fixeria   | 01/29/2024 04:04 PM |                  |
| 6342 | OsmocomBB                                      | Bug     | Feedback    | Normal   | ms-sdr gprs performance                                                                      | Hoernchen | 02/05/2024 05:00 PM | Related to #6342 |
| 6340 | pySim                                          | Bug     | New         | Low      | exception when using osmo-smdpp with python 3.9                                              | laforge   | 02/15/2024 09:29 PM |                  |

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|------|--------------------------------------------------------|---------|-------------|----------|-----------------------------------------------------------------------------------------------------------------------------------------|-----------|---------------------|------------------------------------------------|
| 6338 | OsmocomBB                                              | Bug     | Feedback    | Normal   | ms-sdr gprs startup issues                                                                                                              | Hoernchen | 01/24/2024 03:58 PM |                                                |
| 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                               |
| 6324 | OsmoBSC                                                | Bug     | New         | Normal   | Making a data call results in BORKEN Ichan                                                                                              | 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 |                                                |
| 6318 | OsmoBSC                                                | Bug     | Feedback    | Normal   | Show Ichan shows wrong number of channels for TCH                                                                                       | neels     | 12/25/2023 01:01 AM |                                                |
| 6317 | pySim                                                  | Bug     | Stalled     | Normal   | data driven tests for TLV decoders                                                                                                      | laforge   | 02/15/2024 09:21 PM |                                                |
| 6314 | pySim                                                  | Bug     | New         | Low      | pySim-trace doesn't support ARA-M                                                                                                       |           | 12/23/2023 09:36 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                               |
| 6297 | OsmoMGW                                                | Bug     | New         | Normal   | octet-align=0 is the RFC 6871 specified default to use when omitted; but osmo-mgw assumes don't-care when omitted                       |           | 12/12/2023 02:12 AM | Is duplicate of #5726                          |
| 6295 | OsmoSGSN                                               | Bug     | New         | Normal   | TMSI realloc complete leads to SecurityModeReject                                                                                       | osmith    | 12/07/2023 03:15 PM |                                                |
| 6293 | OsmoMGW                                                | Bug     | New         | Normal   | osmo-mgw "decides" for a codec during MGCP handling; instead it should handle all configured payload type numbers as they arrive in RTP |           | 12/07/2023 05:52 AM | Related to #6293,Related to #6293,Blocks #6136 |
| 6291 | Osmocom Conferences (OsmoDevCon, OsmoCon, OsmoDevCall) | Bug     | New         | Normal   | 2024 event bringing together FOSS projects related to mobile communications                                                             | laforge   | 12/13/2023 08:54 PM |                                                |
| 6283 | OsmoHNBGW                                              | Bug     | New         | Normal   | cnpool: hnbgw fails to extract Mobile Identity from some GMM Attach Request messages                                                    |           | 12/04/2023 01:48 AM |                                                |
| 6282 | OCTOI - Osmocom Community TDM over IP                  | Bug     | New         | Normal   | high BERT from laforge->divf->manawyrm                                                                                                  | manawyrm  | 12/03/2023 04:03 PM | Related to #6282                               |
| 6281 | OCTOI - Osmocom Community TDM over IP                  | Bug     | New         | Normal   | divf yate: calls to wave playback or loopback never connect                                                                             |           | 12/04/2023 12:14 PM | Related to #6282                               |
| 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 |                                                |
| 6273 | Core testing infrastructure                            | Bug     | Feedback    | Normal   | TTCN3 tests keep suffering from race conditions on shutdown                                                                             | daniel    | 12/05/2023 03:29 PM |                                                |
| 6270 | OsmoBTS                                                | Bug     | In Progress | Normal   | osmo-bts sends version report every 5s to BSC?                                                                                          | dexter    | 02/19/2024 03:06 PM |                                                |

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|------|---------------------------------|---------|-------------|----------|-------------------------------------------------------------------------------------------------------------------------|-----------|---------------------|--------------------------------|
| 6263 | libosmocore                     | Bug     | In Progress | Low      | impossible to detect wrong callbacks being registered / osmo_io_ops union                                               | daniel    | 11/21/2023 09:21 AM |                                |
| 6255 | OsmoDia2GSUP                    | Bug     | New         | Normal   | Implement 3GPP Purge UE Request                                                                                         |           | 11/10/2023 01:29 PM |                                |
| 6254 | OsmoDia2GSUP                    | Bug     | In Progress | Normal   | Reconnects of the ttcn3 aren't handled                                                                                  | lynxis    | 11/11/2023 05:13 PM |                                |
| 6249 | libosmocore                     | Bug     | In Progress | Low      | logging: ANSI color sequences should be reset after log message                                                         | manawyrm  | 12/04/2023 07:00 AM | Related to #6284               |
| 6240 | libosmo-sccp + libosmo-sigtran  | Bug     | Feedback    | Normal   | libosmo-sigtran doesn't reject M3UA with "M3UA Network Appearance"                                                      | daniel    | 10/31/2023 02:56 PM | Related to #6241               |
| 6233 | libosmocore                     | Bug     | Feedback    | Normal   | --enable-embedded build fails if pkg-config can't find some of the (disabled) dependencies                              | Hoernchen | 11/24/2023 04:15 PM |                                |
| 6232 | libosmocore                     | Bug     | New         | Normal   | jenkins should give all libosmocore config options a try                                                                | osmith    | 10/22/2023 04:16 PM |                                |
| 6225 | rtl-sdr                         | Bug     | New         | Normal   | rtl-sdr release tarballs missing from <a href="https://ftp.osmocom.org/releases/">https://ftp.osmocom.org/releases/</a> | osmith    | 10/19/2023 09:46 AM |                                |
| 6217 | OsmoMSC                         | Bug     | Feedback    | Normal   | Bearer Capability mismatch in MT SETUP                                                                                  | neels     | 10/10/2023 10:17 PM |                                |
| 6215 | Cellular Network Infrastructure | Bug     | New         | Normal   | Rebase open5gs pcrf_simple patches and submit upstream                                                                  | lynxis    | 10/18/2023 02:53 PM |                                |
| 6212 | Linux Kernel GTP-U              | Bug     | In Progress | Normal   | GTP extension headers                                                                                                   | pespin    | 10/18/2023 03:03 PM | Related to #6223               |
| 6207 | OsmoMSC                         | Bug     | Feedback    | Low      | "MO SMS without prior CM Service Request" for every SMS in 4G                                                           | dexter    | 02/13/2024 12:26 AM | Related to #6358               |
| 6201 | OsmocomBB                       | Bug     | New         | Normal   | modem: signal proper MS Radio Access Capability                                                                         |           | 10/04/2023 12:34 PM | Related to #6201               |
| 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 |
| 6198 | Cellular Network Infrastructure | Bug     | In Progress | Normal   | Patch releases for September 2023 Osmocom CNI releases                                                                  | roh       | 12/19/2023 01:29 PM | Related to #6253               |
| 6197 | OsmoSGSN                        | Bug     | Feedback    | Low      | "Cannot handle SM for unknown MM CTX"                                                                                   | fixeria   | 03/10/2024 06:23 PM |                                |
| 6196 | OsmoMGW                         | Bug     | New         | Normal   | Codec negotiation failure false positives                                                                               | dexter    | 12/07/2023 06:25 AM | Related to #6293               |
| 6192 | OP25                            | Bug     | New         | Normal   | Unable to host behind NGINX reverse proxy                                                                               | max       | 09/27/2023 01:56 AM |                                |
| 6188 | Cellular Network Infrastructure | Bug     | New         | Normal   | Osmocom manuals have "draft" in debian packages of released versions                                                    | osmith    | 09/21/2023 04:37 PM |                                |
| 6185 | Core testing infrastructure     | Bug     | New         | Normal   | Submit titan.ProtocolEmulations.SCCP patch upstream                                                                     | neels     | 09/20/2023 06:22 PM |                                |
| 6181 | SIMtrace 2                      | Bug     | Feedback    | Normal   | Unexpected INS code with simtrace2-sniff: 0x7f                                                                          | v.marinos | 10/18/2023 09:41 PM |                                |
| 6176 | OsmoSGSN                        | Bug     | New         | Low      | build failure (dependency / concurrency issue)                                                                          |           | 09/13/2023 03:14 PM |                                |
| 6169 | osmo-e1d                        | Bug     | New         | High     | Frame masking against network frame ordering, not frame numbers                                                         | laforge   | 10/18/2023 03:19 PM |                                |
| 6162 | libosmocore                     | Bug     | Feedback    | Normal   | master build failure with clang-16                                                                                      | Hoernchen | 11/18/2023 09:17 AM |                                |
| 6159 | OsmoBSC                         | Bug     | New         | Normal   | use paging queue for PAGING messages that come from the BSC co-located PCU                                              | dexter    | 08/30/2023 12:39 PM |                                |
| 6158 | OsmoHNBGW                       | Bug     | New         | Normal   | IMSI not shown in "show ue all"                                                                                         | lynxis    | 08/29/2023 03:11 PM |                                |

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|------|------------------------------------------------|---------|-------------|----------|-----------------------------------------------------------------------------------------------------|-----------|---------------------|------------------------------------|
| 6155 | OsmoDia2GSUP                                   | Bug     | Feedback    | Normal   | osmo_dia2gsup not setting Origin-State-Id Diameter AVP during Device-Watchdog-{Req,Answer}          | lynxis    | 11/11/2023 06:19 PM |                                    |
| 6152 | OsmoMSC                                        | Bug     | In Progress | Normal   | built-in MNCC: forward the @Low layer compatibility I@ IE to the called subscriber                  | jolly     | 12/20/2023 12:52 PM | Related to #6152                   |
| 6149 | OsmoGSMTester                                  | Bug     | New         | Normal   | osmo-gsm-tester Gerrit verifications currently broken, not running in docker                        | osmith    | 08/25/2023 09:13 AM |                                    |
| 6148 | OsmoDia2GSUP                                   | Bug     | New         | Normal   | config file not installed not used by systemd service in debian                                     | pespin    | 10/18/2023 03:21 PM |                                    |
| 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                   |
| 6125 | OsmocomBB                                      | Bug     | New         | Normal   | LLC GIA/GEA (auth/encryption) not yet tested                                                        | pespin    | 08/28/2023 10:32 PM |                                    |
| 6122 | Cellular Network Infrastructure                | Bug     | New         | Low      | remove big endian support                                                                           | osmith    | 10/18/2023 05:20 PM | Related to #6122                   |
| 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                   |
| 6119 | pySim                                          | Bug     | In Progress | Normal   | aram_get_config runs into an exception on a sysmocomSJA2                                            | laforge   | 12/05/2023 05:26 PM |                                    |
| 6118 | OsmoPCU                                        | Bug     | New         | Normal   | osmo-pcu assigns multi-slot TBFs over PACCH to MS with unknown ms_class                             | pespin    | 09/22/2023 02:33 PM |                                    |
| 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 |
| 6091 | osmo-ePDG - VoWifi Evolved Packet Data Gateway | Bug     | Feedback    | High     | osmo-epdg: Implement CEAL interface (GSUP) ePDG <-> strongswan                                      | lynxis    | 03/14/2024 04:36 PM |                                    |
| 6060 | OsmoMGW                                        | Bug     | New         | Low      | osmo-mgw: Implement MGCP RestartInProgress (RSIP)                                                   | jolly     | 10/18/2023 04:59 PM |                                    |
| 6059 | OsmoBSC                                        | Bug     | New         | Normal   | negotiate GSM-HR RTP packet format explicitly                                                       | dexter    | 06/13/2023 10:38 AM |                                    |
| 6045 | osmo-ePDG - VoWifi Evolved Packet Data Gateway | Bug     | Feedback    | Normal   | report erlang diameter problems to the diameter compiler repo.                                      | pespin    | 03/07/2024 04:16 PM |                                    |
| 6032 | rtl-sdr                                        | Bug     | New         | Normal   | Poor APRS demodulation using RTL_FM on RaspberryPI or on old PC                                     |           | 05/15/2023 12:14 PM |                                    |
| 6029 | Core testing infrastructure                    | Bug     | New         | Normal   | Single TTCN3 BSC handover test fails                                                                |           | 10/18/2023 05:31 PM |                                    |
| 6021 | libosmocore                                    | Bug     | New         | Low      | map file breaks recent lld builds                                                                   | Hoernchen | 05/04/2023 05:49 AM |                                    |
| 6019 | OsmoBSC                                        | Bug     | New         | Normal   | "PCU version PCU socket has LOST connection connected"                                              | fixeria   | 10/18/2023 05:42 PM |                                    |
| 6015 | OsmoPCU                                        | Bug     | New         | Normal   | osmo-pcu (with ericsson RBS) is unable to keep TRAU frames in sync                                  | dexter    | 12/23/2023 01:12 AM |                                    |
| 6012 | rtl-sdr                                        | Bug     | New         | Normal   | Update wiki for macos build                                                                         | steve-m   | 05/01/2023 02:38 AM |                                    |
| 6009 | OsmoMSC                                        | Bug     | New         | Normal   | omo-msc: lots of tlv_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 |                                    |

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|------|---------------------------------------|---------|-------------|----------|------------------------------------------------------------------------------------|----------|---------------------|------------------|
| 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 |                  |
| 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 |                  |
| 5991 | OsmoBSC                               | Bug     | New         | Normal   | Forward TSNS-PROV bsc->[bts->]pcu                                                  | jolly    | 12/17/2023 12:59 PM | Related to #5991 |
| 5986 | OsmoBSC                               | Bug     | New         | Normal   | PAGING impossible until CCCH LOAD IND is received from the BTS                     | keith    | 03/31/2023 09:13 AM |                  |
| 5985 | Cellular Network Infrastructure       | Bug     | New         | Normal   | tests: not all Osmocom projects have @osmoappdesc.py@                              |          | 03/29/2023 08:09 PM |                  |
| 5982 | OsmoBSC                               | Bug     | Feedback    | Low      | conn->fi is NULL in gscon_bssmap_clear()                                           | neels    | 04/11/2023 02:25 PM |                  |
| 5957 | OsmoBTS                               | Bug     | New         | Low      | not all osmo-bts variants respond to abisip-find                                   | jolly    | 03/22/2023 09:20 AM |                  |
| 5953 | OsmoBTS                               | Bug     | Feedback    | Normal   | ttn3-bts-test: TC_ms_pwr_ctrl_{constant,pf_ewma} are failing                       | fixeria  | 03/25/2024 05:19 PM |                  |
| 5952 | OsmoBTS                               | Bug     | New         | Normal   | ttn3-bts-test: TC_ho_physical_info fails                                           | fixeria  | 11/15/2023 08:23 AM |                  |
| 5944 | OsmoBTS                               | Bug     | In Progress | Low      | DTXu + AMR on TCH/H appears to be not usable on osmo-bts-sysmo                     | keith    | 03/28/2023 03:56 PM |                  |
| 5939 | Retrocomputing                        | Bug     | In Progress | Low      | Assemble GraphicGremlin / isavideo                                                 | laforge  | 03/15/2023 09:06 AM |                  |
| 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 |                  |
| 5922 | rtl-sdr                               | Bug     | New         | Normal   | rtl_sdr bytes_to_read wraparound for n > 2**31                                     | steve-m  | 03/20/2023 10:16 AM |                  |
| 5921 | SIMtrace 2                            | Bug     | In Progress | High     | simtrace2 cardem vs. Linux kernel USB autosuspend                                  | laforge  | 09/16/2023 10:47 PM | Related to #5921 |
| 5919 | Core testing infrastructure           | Bug     | New         | Low      | osmo-python-tests: Update/fix README or setup process                              | osmith   | 03/20/2023 10:17 AM |                  |
| 5918 | osmo-fl2k                             | Bug     | New         | Normal   | -flto broken in release                                                            | steve-m  | 12/20/2023 08:43 PM |                  |
| 5915 | libosmocore                           | Bug     | New         | Low      | gprs: ns2: convert timers into osmo-timers                                         | jolly    | 12/17/2023 12:59 PM | Related to #5915 |
| 5899 | libosmo-sccp + libosmo-sigtran        | Bug     | New         | Low      | ttn3-sccp-test-latest is actually running code from master, not latest             | osmith   | 03/20/2023 01:18 PM |                  |
| 5896 | libosmo-abis                          | Bug     | Feedback    | Normal   | libosmo-abis built without --enable-e1d in deb and rpm packages                    | laforge  | 02/07/2023 11:40 AM | Blocks #5896     |
| 5895 | OsmoBTS                               | Bug     | New         | Low      | LC15: Audio Quality Problem sometime after cf7a7fceb625a14fd764355c3b96fa86c77458c |          | 03/20/2023 11:37 PM |                  |
| 5891 | osmo-remsim                           | Bug     | New         | Normal   | bankd: potential pthread deadlock reported by coverity                             | laforge  | 02/03/2023 07:35 PM |                  |
| 5889 | OsmoHLR                               | Bug     | In Progress | Normal   | subscriber data: send out correct PDP Info                                         | lynxis   | 09/01/2023 04:20 PM |                  |
| 5887 | Cellular Network Infrastructure       | Bug     | New         | Low      | coverity: build everything in docker container and add CI                          | osmith   | 02/01/2023 10:25 AM |                  |
| 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 |
| 5880 | OsmoSGSN                              | Bug     | In Progress | High     | User Manual sections 11.1.1-2 document non-existing (removed?) VTY commands        | lynxis   | 03/28/2023 02:45 PM |                  |
| 5878 | pySim                                 | Bug     | New         | Normal   | pySim shell: version fails with DistributionNotFound                               | fixeria  | 10/06/2023 09:03 AM |                  |

| #    | Project                         | Tracker | Status   | Priority | Subject                                                                                       | Assignee | Updated             | Related issues                                 |
|------|---------------------------------|---------|----------|----------|-----------------------------------------------------------------------------------------------|----------|---------------------|------------------------------------------------|
| 5876 | OsmoHNBGW                       | Bug     | New      | Normal   | on HNBAP HNB Register, clear previous UE state if any                                         | neels    | 03/20/2023 01:27 PM |                                                |
| 5869 | OsmoHNBGW                       | Bug     | New      | Normal   | osmo-hnbgw ignores HNBAP HNB De-Register                                                      |          | 01/21/2023 01:52 AM |                                                |
| 5864 | libosmocore                     | Bug     | New      | Normal   | Libosmocore: Fix order of config parsing output                                               |          | 02/04/2023 05:21 PM |                                                |
| 5858 | Core testing infrastructure     | Bug     | Feedback | Normal   | osmo-python-tests: Ignore, at least clean up 'tmp_dummy_sock'                                 |          | 02/22/2023 06:25 PM | Related to #5858                               |
| 5852 | OsmoSGSN                        | Bug     | New      | Normal   | osmo-sgsn: Keep TLLI<->NSEI+BVCI 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 |                                                |
| 5837 | OsmoHNBGW                       | Bug     | New      | Normal   | osmo-uh: UE-REGISTER-REQ with uE_Identity type IMEI not implemented.                          |          | 12/20/2022 03:43 PM |                                                |
| 5831 | OsmocomBB                       | Bug     | New      | Normal   | SE K2x0i: built-in SIM reader is not working                                                  | steve-m  | 12/16/2022 12:03 AM |                                                |
| 5824 | osmo-e1d                        | Bug     | Feedback | Normal   | Line dead message in the log after start                                                      | laforge  | 12/25/2023 01:43 PM |                                                |
| 5822 | OsmocomBB                       | Bug     | New      | Normal   | SE K2x0i: missing RF and AFC params                                                           |          | 12/15/2022 11:36 PM |                                                |
| 5819 | Cellular Network Infrastructure | Bug     | New      | Low      | Gerrit/gitiles: Parent links don't work                                                       |          | 12/08/2022 01:28 PM |                                                |
| 5818 | libosmocore                     | Bug     | New      | Normal   | multithreaded logging causes lock contention and needs a rework                               |          | 01/10/2024 09:05 AM |                                                |
| 5809 | Cellular Network Infrastructure | Bug     | Feedback | Normal   | applications disrespect potentially VTY-configured tcp/telnet port                            | osmith   | 10/31/2023 09:34 AM |                                                |
| 5774 | OsmoBTS                         | Bug     | Feedback | Normal   | Drop pcu_sock conn if queue length grows up to a given threshold                              | jolly    | 12/17/2023 12:59 PM |                                                |
| 5773 | OsmoGGSN (former OpenGGSN)      | Bug     | New      | Normal   | OsmoGGSN sends Direct Tunnel packets to the wrong IP address                                  |          | 11/17/2022 04:17 AM |                                                |
| 5770 | SIMtrace 2                      | Bug     | Feedback | Normal   | simtrace2 firmware ignores any but the first USB message sent by simtrace2-list after a reset | jtavares | 11/23/2022 04:01 AM |                                                |
| 5764 | Cellular Network Infrastructure | Bug     | New      | Normal   | GCC does not check format strings in LOGPFSM macros                                           |          | 11/11/2022 06:30 AM |                                                |
| 5756 | libosmo-abis                    | Bug     | New      | Normal   | io_uring support in libosmo-abis                                                              |          | 03/20/2024 03:58 PM | Related to #5756,Related to #6357,Blocks #5896 |
| 5750 | Cellular Network Infrastructure | Bug     | New      | Normal   | contrib/jenkins.sh: build with -Wunused-macros and -Wundef                                    |          | 11/08/2022 08:07 PM |                                                |

| #    | Project                                      | Tracker | Status   | Priority  | Subject                                                                                                                                           | Assignee | Updated             | Related issues                    |
|------|----------------------------------------------|---------|----------|-----------|---------------------------------------------------------------------------------------------------------------------------------------------------|----------|---------------------|-----------------------------------|
| 5749 | Cellular Network Infrastructure              | Bug     | New      | Normal    | configure.ac: default CFLAGS, LT_INIT adds "-g -O2"                                                                                               | fixeria  | 01/31/2023 08:12 PM |                                   |
| 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 |                                   |
| 5738 | Misc Hardware Projects                       | Bug     | New      | Normal    | Sim 800L module Connectivity                                                                                                                      |          | 11/02/2022 06:55 PM |                                   |
| 5735 | osmo-e1d                                     | Bug     | New      | Normal    | ctl client disconnect doesn't re-set timeslot state                                                                                               |          | 05/23/2023 06:19 AM |                                   |
| 5731 | gr-osmosdr                                   | Bug     | New      | High      | Install gr-osmosdr on Ubuntu 20.04                                                                                                                |          | 10/27/2022 01:39 PM |                                   |
| 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             |
| 5716 | libosmocore                                  | Bug     | New      | Normal    | Replace dynamic (DEAD) NSE if we receive an NS_RESET from a conflicting NSVC                                                                      | lynxis   | 10/17/2022 04:40 PM |                                   |
| 5714 | pySim                                        | Bug     | Stalled  | Normal    | update_record_decoded does not use real record length when writing EF.MSISDN                                                                      | dexter   | 09/17/2023 09:46 AM |                                   |
| 5712 | OsmoBSC                                      | Bug     | New      | Normal    | LCLS FSM; Not possible to get out from NO_LONGER_LS                                                                                               | dexter   | 10/18/2022 09:03 AM | Related to #5712                  |
| 5708 | E1/T1 Hardware Interface (including icE1usb) | Bug     | New      | Normal    | rs422: Support runtime re-init of the GPS receiver                                                                                                | tnt      | 10/13/2022 06:46 PM | Related to #5708                  |
| 5699 | OsmoMSC                                      | Bug     | New      | Normal    | MNCC RTP_CREATE is not sent in a call waiting scenario                                                                                            |          | 10/10/2022 06:46 PM |                                   |
| 5696 | OsmoPCU                                      | Bug     | Stalled  | Normal    | RLC/MAC: poll timeout when assigning a multi-slot DL TBF                                                                                          | fixeria  | 10/05/2022 11:01 AM |                                   |
| 5694 | OCTOI - Osmocom Community TDM over IP        | Bug     | Stalled  | Normal    | BERT testing                                                                                                                                      | laforge  | 12/31/2022 08:24 PM |                                   |
| 5693 | OCTOI - Osmocom Community TDM over IP        | Bug     | Stalled  | Normal    | no progress tones in yate                                                                                                                         |          | 12/03/2023 11:10 AM |                                   |
| 5685 | Cellular Network Infrastructure              | Bug     | Feedback | Normal    | Dropping debian 10 (buster)                                                                                                                       | osmith   | 04/04/2023 10:10 AM | Related to #5685,Related to #5685 |
| 5683 | Osmocom Libraries                            | Bug     | New      | Immediate | How to install osmocom in China                                                                                                                   |          | 09/18/2022 10:18 AM |                                   |
| 5681 | Retronetworking                              | Bug     | New      | Normal    | Figure out suitable connectors for EKSOS                                                                                                          | laforge  | 07/31/2023 10:22 AM |                                   |
| 5672 | Misc Hardware Projects                       | Bug     | New      | Normal    | sfp-experimenter / voltage swing of LVDS driver insufficient for SFP spec                                                                         |          | 09/02/2022 03:27 PM |                                   |
| 5669 | Cellular Network Infrastructure              | Bug     | New      | Normal    | Test .deb packages built by our OBS                                                                                                               |          | 09/21/2022 01:03 PM | Related to #5669,Related to #5669 |
| 5665 | Core testing infrastructure                  | Bug     | Stalled  | Normal    | ERROR: files left in build directory after distclean: ./tests/core                                                                                | fixeria  | 11/14/2023 12:39 PM | Related to #5665,Related to #5858 |
| 5657 | OsmoDia2GSUP                                 | Bug     | Feedback | Normal    | dia2gsup not (re-)connecting to HLR if osmo-hlr is down                                                                                           | lynxis   | 11/11/2023 06:20 PM |                                   |



| #    | Project                               | Tracker | Status      | Priority | Subject                                                                                      | Assignee  | Updated             | Related issues                                       |
|------|---------------------------------------|---------|-------------|----------|----------------------------------------------------------------------------------------------|-----------|---------------------|------------------------------------------------------|
| 5644 | Osmocom Libraries                     | Bug     | New         | Normal   | Check library pkg-config files for proper dependencies                                       |           | 08/10/2022 01:02 PM | Related to #5644                                     |
| 5639 | SIMtrace 2                            | Bug     | Feedback    | Normal   | No packet captured but only "Card state change:"                                             | g1bbs     | 09/20/2023 01:29 PM |                                                      |
| 5632 | Core testing infrastructure           | Bug     | In Progress | Normal   | better test result summary / notifications                                                   | lynxis    | 08/31/2022 11:58 AM |                                                      |
| 5630 | pySim                                 | Bug     | Stalled     | Normal   | pySim-trace doesn't support decoding classic SIM cards (TS 11.11 / TS 51.011)                | laforge   | 07/24/2022 11:06 AM |                                                      |
| 5628 | osmo-remsim                           | Bug     | New         | Low      | client-st2: error messages when mapping is removed                                           |           | 07/24/2022 07:14 AM |                                                      |
| 5585 | OsmoCBC                               | Bug     | New         | Low      | CBC should not send WRITE-REPLACE to cells that had sent FAILURE                             |           | 08/05/2022 04:58 PM |                                                      |
| 5578 | SIMtrace 2                            | Bug     | Stalled     | Low      | osmo-remsim-client-st2 hangs after usb-reset without power loss on qmod                      | laforge   | 01/31/2023 08:25 PM | Related to #5921                                     |
| 5576 | OsmoBTS                               | Bug     | New         | Normal   | osmo-bts not moving NM state "Enabled -> DisabledDependency" when Admin state becomes Locked |           | 06/02/2022 10:38 AM |                                                      |
| 5574 | OsmoBSCNAT                            | Bug     | New         | Urgent   | OsmoBSCNAT testsuite running in jenkins                                                      | Hoernchen | 10/06/2022 11:46 AM | Related to #5574                                     |
| 5573 | OsmoHNBGW                             | Bug     | New         | Normal   | osmo-hnbgw: RANAP LocationReportingControl not implemented                                   |           | 05/30/2022 02:05 PM |                                                      |
| 5571 | Ericsson RBS 6xxx                     | Bug     | New         | High     | DUG can come up, but with Avail: "Power Off"                                                 | dexter    | 11/08/2022 05:10 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                                     |
| 5568 | OsmoMSC                               | Bug     | Stalled     | Low      | SMPP socket doesn't use TCP_NODELAY                                                          | osmith    | 10/31/2023 09:36 AM |                                                      |
| 5564 | OsmoMSC                               | Bug     | Stalled     | High     | blocking database I/O by SMS database                                                        | laforge   | 05/16/2022 08:20 PM | Related to #5564, Related to #5566, Related to #5564 |
| 5563 | OsmoMSC                               | Bug     | Stalled     | High     | OsmoMSC sometimes stalls for dozens of seconds in a production deployment                    | laforge   | 08/04/2022 08:15 AM | Related to #5564, Related to #5563, Related to #5566 |
| 5561 | libosmo-sccp + libosmo-sigtran        | Bug     | New         | Low      | pc=0=0.0.0 / RCOC-ERROR.ind not permitted                                                    |           | 05/23/2023 06:20 AM |                                                      |
| 5559 | OsmoMSC                               | Bug     | Stalled     | Urgent   | OsmoMSC at 100% CPU and unresponsive for up to several minutes!                              | laforge   | 08/04/2022 08:14 AM | Related to #5563                                     |
| 5550 | pySim                                 | Bug     | New         | Normal   | EF.ARR file decoding would need to be context dependent                                      | chrysn    | 06/24/2022 08:50 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 |                                                      |
| 5527 | osmo-remsim                           | Bug     | Stalled     | High     | warn on duplicate client (id) connections                                                    | laforge   | 07/13/2022 01:25 PM | Related to #5527                                     |
| 5521 | osmo-e1d                              | Bug     | New         | Low      | don't attempt OCTOI connection of no TDM data from driver (icE1usb)                          |           | 04/10/2022 05:28 PM |                                                      |
| 5517 | OsmoBTS                               | Bug     | New         | Normal   | ttcn3-bts-test: new sporadic test case failures                                              | fixeria   | 03/20/2023 11:45 PM |                                                      |
| 5515 | OsmoBSC                               | Bug     | New         | Normal   | BSC_Tests: re-establishment: RA during CHAN RQD should reflect re-establishment              |           | 04/06/2022 08:02 PM |                                                      |

| #    | Project                                      | Tracker | Status      | Priority | Subject                                                                                                  | Assignee | Updated             | Related issues                    |
|------|----------------------------------------------|---------|-------------|----------|----------------------------------------------------------------------------------------------------------|----------|---------------------|-----------------------------------|
| 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 |                                   |
| 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 |                                   |
| 5492 | OsmoBSCNAT                                   | Bug     | New         | Normal   | Support MSC pooling                                                                                      | osmith   | 04/11/2022 08:19 AM |                                   |
| 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 |                                   |
| 5490 | E1/T1 Hardware Interface (including icE1usb) | Bug     | Feedback    | Normal   | ISO IN urb sometimes completes with less than full data / incomplete frame                               | tnt      | 09/15/2022 12:34 PM |                                   |
| 5474 | OsmoBTS                                      | Bug     | New         | Normal   | osmo-bts-trx: DTXd support not implemented                                                               |          | 03/02/2022 05:06 PM | Related to #5474,Related to #5474 |
| 5464 | SIMtrace 2                                   | Bug     | In Progress | Normal   | cardem firmware unable to attach to card                                                                 | laforge  | 11/18/2022 06:41 PM | Related to #5464                  |
| 5462 | osmo-sip-connector                           | Bug     | New         | Normal   | Contact Header Missing - Way Forward?                                                                    |          | 02/21/2022 05:51 AM |                                   |
| 5460 | gr-osmosdr                                   | Bug     | New         | Normal   | Please use double for ppm with fcdp/pp                                                                   |          | 02/17/2022 10:43 PM |                                   |
| 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 |                                   |
| 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 |                                   |
| 5445 | gr-osmosdr                                   | Bug     | New         | Normal   | Please switch to the gr-funcube                                                                          |          | 02/15/2022 11:56 PM |                                   |
| 5433 | OCTOI - Osmocom Community TDM over IP        | Bug     | New         | Normal   | forwarding of TS0 / Alarms                                                                               |          | 01/30/2022 11:02 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 |                                   |
| 5419 | SIMtrace 2                                   | Bug     | Stalled     | High     | cardem errors with higher baud rate                                                                      | laforge  | 11/07/2022 06:22 PM |                                   |
| 5415 | SIMtrace 2                                   | Bug     | New         | Normal   | cardem: watchdog triggers firmware reset                                                                 | lynxis   | 02/15/2022 08:07 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 |                                   |
| 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 |                                   |

| #    | Project                     | Tracker | Status      | Priority | Subject                                                                                                    | Assignee | Updated             | Related issues                    |
|------|-----------------------------|---------|-------------|----------|------------------------------------------------------------------------------------------------------------|----------|---------------------|-----------------------------------|
| 5380 | osmo-ccid-firmware          | Bug     | New         | Normal   | Incorrect answer to PC_to_RDR_SetParameters CCID command                                                   |          | 01/16/2022 08:55 PM |                                   |
| 5378 | erlang/osmo_ss7             | Bug     | New         | Normal   | ipa: add support for client application                                                                    | laforge  | 01/05/2022 08:36 PM |                                   |
| 5368 | libosmo-netif               | Bug     | Feedback    | Low      | consider using SCTP_EVENT instead of SCTP_EVENTS                                                           |          | 12/23/2021 09:09 AM | Related to #5368,Related to #5368 |
| 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 |                                   |
| 5349 | OsmoSGSN                    | Bug     | In Progress | High     | Message for non-existing SNDSCP Entity                                                                     |          | 07/17/2023 04:42 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 |                                   |
| 5340 | OsmoMSC                     | Bug     | New         | Normal   | ttn3-msc-test: more memory leaks                                                                           | fixeria  | 05/15/2022 04:47 PM |                                   |
| 5338 | OsmoBTS                     | Bug     | New         | Normal   | LMSDevice.cpp:261 Power parameters requested before Tx Frequency was set! Providing band 900 by default... |          | 12/09/2021 11:42 PM |                                   |
| 5335 | OsmoBSC                     | Bug     | In Progress | Normal   | osmo-bsc: Add VTY commands to configure T3.. and N3.. timers counters for gprs                             | jolly    | 12/17/2023 12:59 PM | Related to #5915,Related to #5991 |
| 5313 | OsmoMGW                     | Bug     | New         | Normal   | libosmo-mgcp-client-dbg specific package not generated for debian                                          |          | 11/16/2021 03:57 PM |                                   |
| 5310 | osmo-ccid-firmware          | Bug     | New         | Normal   | sysmoOCTSIM does not re-enumerate after unplug/replug the USB cable when PSU is connected                  |          | 11/15/2021 05:13 PM |                                   |
| 5309 | OsmoPCU                     | Bug     | New         | Normal   | osmo-pcu: Support rejecting multiple TBFs upon tx of Packet Access Reject                                  | pespin   | 11/15/2021 06:29 PM |                                   |
| 5308 | OsmoBSC                     | Bug     | Stalled     | Normal   | confusion around mgw e1 line vs trunk dichotomy                                                            | dexter   | 12/13/2021 03:52 PM |                                   |
| 5305 | OsmocomBB                   | Bug     | New         | Normal   | Burst capture                                                                                              |          | 11/10/2021 06:38 PM |                                   |
| 5304 | OsmoHNBGW                   | Bug     | New         | Low      | Verizon CDMA femtocell                                                                                     |          | 03/09/2024 07:09 PM |                                   |
| 5301 | Core testing infrastructure | Bug     | Stalled     | Normal   | Run TTCN3 docker tests with sanitizer enabled                                                              | osmith   | 03/20/2024 09:28 AM | Related to #5302                  |
| 5300 | OsmoPCU                     | Bug     | New         | Normal   | osmo-pcu: SUSPEND-NACK not implemented                                                                     |          | 03/31/2022 02:59 PM |                                   |
| 5298 | gr-osmosdr                  | Bug     | New         | Normal   | object has no attribute 'pyqwidget' on arch linux                                                          |          | 11/09/2021 01:25 AM |                                   |
| 5277 | libosmocore                 | Bug     | New         | Normal   | ns2: Allow SNS-CONFIG PDUs from unknown endpoints during config procedure                                  | lynxis   | 10/22/2021 02:28 PM |                                   |
| 5257 | OsmoBTS                     | Bug     | New         | High     | support random padding in SACCH downlink messages                                                          |          | 10/12/2021 11:18 AM | Related to #5257                  |
| 5247 | Osmocom Analog              | Bug     | New         | Normal   | AMPS Segmentation fault                                                                                    | jolly    | 10/04/2021 11:48 PM |                                   |
| 5246 | OsmoBSC                     | Bug     | New         | Low      | sigsegv in bis_count_free_ts()                                                                             | keith    | 10/03/2021 08:08 PM | Related to #5324                  |
| 5242 | OsmoBTS                     | Bug     | Stalled     | Normal   | A-bis/RSL: CRCX ACK indicates '0.0.0.0' as the local/bind address                                          | fixeria  | 05/01/2022 01:15 PM |                                   |

| #    | Project                         | Tracker | Status      | Priority | Subject                                                                                     | Assignee  | Updated             | Related issues                     |
|------|---------------------------------|---------|-------------|----------|---------------------------------------------------------------------------------------------|-----------|---------------------|------------------------------------|
| 5241 | OsmoGGSN (former OpenGGSN)      | Bug     | Feedback    | Low      | GTP: Malformed Packet pdp ctx response.                                                     | lynxis    | 03/23/2022 05:31 PM |                                    |
| 5230 | OsmoHNBGW                       | Bug     | In Progress | Normal   | hnbgw fails to connect to the sgsn                                                          | lynxis    | 10/14/2021 07:50 AM |                                    |
| 5229 | libsmocore                      | 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 |                                    |
| 5227 | OsmoPCU                         | Bug     | New         | Normal   | osmo-pcu: Attempt recovery of TBF when one of its assigned PDCH TS becomes disabled         | pespin    | 10/18/2021 10:12 AM |                                    |
| 5220 | rtl-sdr                         | Bug     | New         | Normal   | Undefined reference to libusb_dev_mem_free                                                  | steve-m   | 08/31/2021 09:21 AM |                                    |
| 5218 | gr-osmosdr                      | Bug     | New         | Normal   | compilation fails: "no matching function for call to fcd_source_c::connect"                 |           | 09/05/2021 10:58 PM |                                    |
| 5212 | OsmoPCU                         | Bug     | New         | Low      | apparently T3193 is by default not set to its defined default value                         | pespin    | 11/15/2021 07:13 PM |                                    |
| 5208 | libsmocore                      | Bug     | Feedback    | Normal   | ns2: add testcase for SNS Size with invalid tlv                                             | lynxis    | 02/12/2023 08:37 PM |                                    |
| 5202 | OsmocomBB                       | Bug     | New         | Normal   | [Assert failed rc >= 0 l1ctl.c:83] cell_log crashes (mostly) when monitoring specific ARFCN |           | 07/25/2021 01:38 PM |                                    |
| 5197 | OsmoMSC                         | Bug     | New         | Normal   | msc_i Unimplemented msg type: HANDOVER PERFORMED                                            | neels     | 08/23/2022 04:05 PM |                                    |
| 5196 | OsmoMSC                         | Bug     | New         | Normal   | Verify several "event not permitted" log lines in unit tests                                | neels     | 08/23/2022 04:08 PM |                                    |
| 5190 | OsmoBSC                         | Bug     | New         | Low      | segfault with osmo-e1d                                                                      |           | 09/15/2021 09:34 AM |                                    |
| 5188 | Cellular Network Infrastructure | Bug     | New         | Normal   | BSSMAP Cell Identifier IE vs. Cell Identifier List IE: difference in allowed cell id types  | neels     | 08/23/2022 04:24 PM |                                    |
| 5180 | libsmocore                      | Bug     | In Progress | Normal   | ns2: Document NS inspection/blocking commands                                               | lynxis    | 06/15/2021 01:10 PM |                                    |
| 5179 | libsmocore                      | Bug     | New         | Normal   | gprs_ns2: use refcounting for the NSE                                                       | lynxis    | 06/13/2021 03:08 AM |                                    |
| 5178 | OsmoTRX                         | Bug     | New         | Normal   | LimeNET Micro clock error                                                                   | Hoernchen | 09/15/2021 09:42 AM |                                    |
| 5177 | osmo-sip-connector              | Bug     | New         | Normal   | respect dynamic RTP payload types of external SIP                                           | neels     | 08/23/2022 04:26 PM | Related to #5177, Related to #5177 |
| 5171 | OsmocomBB                       | Bug     | Feedback    | Normal   | ccch_scan failed                                                                            | thor123   | 06/09/2021 12:06 AM |                                    |
| 5154 | OsmoSGSN                        | Bug     | New         | Normal   | OsmoSGSN doesn't trigger 3G paging if downlink GTP traffic arrives after long break         |           | 05/13/2021 12:28 PM | Related to #5154                   |
| 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 |                                    |
| 5144 | gr-osmosdr                      | Bug     | New         | High     | Support multiple Airspy devices                                                             | horiz0n   | 10/21/2023 07:22 PM |                                    |
| 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 |                                    |
| 5057 | OsmoMSC                         | Bug     | New         | High     | Can only send a maximum of 15 SMPP messages?                                                | Hoernchen | 09/15/2021 09:53 AM |                                    |
| 5050 | OsmoTRX                         | Bug     | New         | Normal   | How can I solve limesdr mini clock problem with osmocom ?                                   |           | 02/27/2021 01:55 PM |                                    |
| 5044 | OsmoMGW                         | Bug     | New         | Low      | potential null pointer dereferences                                                         | pespin    | 02/24/2021 11:48 AM |                                    |

| #    | Project                        | Tracker | Status   | Priority | Subject                                                                                                                  | Assignee | Updated             | Related issues                                       |
|------|--------------------------------|---------|----------|----------|--------------------------------------------------------------------------------------------------------------------------|----------|---------------------|------------------------------------------------------|
| 5035 | libosmocore                    | Bug     | New      | Low      | ns2: add a vty to drop a sns connection                                                                                  |          | 03/29/2021 09:16 PM |                                                      |
| 5031 | OsmoSDR                        | Bug     | New      | Normal   | Please switch to gr-funcube                                                                                              |          | 06/17/2021 09:23 AM |                                                      |
| 5029 | libosmocore                    | Bug     | New      | Normal   | vty: optional cases with multiple arguments is undefined behaviour                                                       |          | 02/18/2021 05:44 PM |                                                      |
| 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 |                                                      |
| 5015 | libosmocore                    | Bug     | New      | Low      | ns2: add consistency check for ns configuration as callback                                                              |          | 03/29/2021 09:17 PM |                                                      |
| 5011 | Core testing infrastructure    | Bug     | New      | Normal   | Warning about unrecognized escape sequence in Osmocom_CTRL_Types                                                         |          | 02/05/2021 11:21 AM |                                                      |
| 5008 | gr-osmosdr                     | Bug     | New      | Normal   | Quoted whitespace parsing problem in source_impl::source_impl                                                            |          | 02/04/2021 02:16 AM |                                                      |
| 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 |                                                      |
| 4985 | OsmoBTS                        | Bug     | New      | Normal   | AMR RTP CMR of downlink frames not used to influence CMC                                                                 |          | 01/28/2021 01:35 PM |                                                      |
| 4972 | OsmoMSC                        | Bug     | New      | Normal   | manual: the MNCC protocol is outdated (RTP)                                                                              |          | 01/24/2021 05:58 PM |                                                      |
| 4968 | osmo-gbproxy                   | Bug     | Feedback | Normal   | Multiple TTCN3 tests only expect one SGSN                                                                                | daniel   | 12/09/2021 09:17 PM | Related to #4968                                     |
| 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                                     |
| 4950 | gr-osmosdr                     | Bug     | New      | Normal   | gr-osmosdr doesn't find iqbalance during build                                                                           |          | 02/22/2021 02:46 AM |                                                      |
| 4947 | OsmoPCU                        | Bug     | Stalled  | Normal   | osmo-pcu: Handling for Pkt Resource Req using Global TFI not implemented                                                 | pespin   | 12/22/2022 01:04 PM |                                                      |
| 4942 | gr-osmosdr                     | Bug     | New      | Normal   | XTRX: Unable to compile due to error                                                                                     | RFNOD    | 01/12/2021 08:29 PM |                                                      |
| 4933 | OsmoHNBGW                      | Bug     | New      | Low      | Femtocell choice in U.K 2021/01                                                                                          |          | 03/09/2024 07:09 PM |                                                      |
| 4930 | OsmoBSC                        | Bug     | New      | Normal   | bsc: cbc: vty: "no remote-ip" in cbc > client                                                                            |          | 12/31/2020 10:42 PM |                                                      |
| 4926 | OsmoHNBGW                      | Bug     | New      | Normal   | nano3G disconnect / reconnect cycle with SCTP multi-homing                                                               |          | 01/04/2021 11:38 AM | Related to #4926                                     |
| 4925 | libosmo-sccp + libosmo-sigtran | Bug     | New      | Normal   | SCTP multihoming / ABORT between osmo-msc and osmo-stp                                                                   |          | 01/04/2021 11:32 AM | Related to #4926                                     |
| 4916 | osmo-e1d                       | Bug     | Stalled  | High     | USB unplug / replug renders e1d unusable                                                                                 | laforge  | 12/04/2023 12:34 PM | Related to #5983                                     |
| 4908 | libosmocore                    | Bug     | New      | Normal   | Errors compiling with -std=c++14                                                                                         |          | 03/01/2021 03:38 PM |                                                      |
| 4897 | osmo-gbproxy                   | Bug     | New      | Normal   | gbproxy2: Re-introduce handling of NS_AFF_CAUSE_FAILURE                                                                  | daniel   | 03/10/2021 02:49 PM | Related to #4897, Related to #4952, Related to #5040 |
| 4891 | osmo-gbproxy                   | Bug     | Stalled  | Normal   | gbproxy2: Implement processing of BVC-Flow-Control via BVC FSM                                                           | daniel   | 10/25/2021 05:51 AM | Related to #4891                                     |
| 4886 | OsmoSGSN                       | Bug     | New      | Normal   | UE does not connect data when moving from 2G->3G                                                                         |          | 12/04/2020 01:29 AM |                                                      |
| 4885 | libosmocore                    | Bug     | New      | Normal   | configure doesn't check for python3                                                                                      |          | 12/02/2020 03:36 AM |                                                      |
| 4884 | OsmoBSC                        | Bug     | New      | Normal   | RLL_REL_IND is recieved after RF_CHAN_REL                                                                                |          | 12/02/2020 11:51 AM |                                                      |

| #    | Project                         | Tracker | Status      | Priority | Subject                                                                                        | Assignee | Updated             | Related issues                                       |
|------|---------------------------------|---------|-------------|----------|------------------------------------------------------------------------------------------------|----------|---------------------|------------------------------------------------------|
| 4883 | Cellular Network Infrastructure | Bug     | New         | Normal   | update OsmoNITB migration guide                                                                | neels    | 12/01/2020 08:32 AM |                                                      |
| 4881 | OsmoBSC                         | Bug     | Feedback    | Normal   | osmo-bsc with unixsocket to osmo-el2tpd fails to bring up rbs6k (dug20+rrus12)                 | firs     | 01/01/2021 10:10 AM |                                                      |
| 4879 | OsmoPCU                         | Bug     | Stalled     | High     | endless pdch.cpp:809 Got CS-N RLC block: R=0, SI=0, TFI=0, CPS=0, RSB=0, rc=264                | fixeria  | 07/28/2023 02:46 PM |                                                      |
| 4869 | OsmoPCU                         | Bug     | New         | Normal   | wireshark: Support dissecting LLC frames on top of RLCMAC (E)GPRS data blocks                  |          | 06/26/2023 11:03 AM | Related to #5367                                     |
| 4867 | OsmoPCU                         | Bug     | Stalled     | Normal   | Cinterion BGS2T failing to attach (no Attach Complete ever sent)                               | pespin   | 11/30/2020 09:48 AM |                                                      |
| 4863 | OsmoMSC                         | Bug     | New         | Low      | T3212 is unclear in config/vty                                                                 |          | 11/19/2020 06:10 PM |                                                      |
| 4858 | OsmoBSC                         | Bug     | New         | Normal   | handover CHANnel ACTIVation: BSC sends timing advance for lchan activation in a different cell |          | 11/10/2020 05:41 PM |                                                      |
| 4857 | osmo-clock-gen                  | Bug     | Stalled     | Normal   | TLV9001IDBVR no longer in stock ag digikey                                                     | mschramm | 04/10/2021 10:22 PM |                                                      |
| 4856 | OsmoPCU                         | Bug     | Feedback    | Normal   | PCU is running but has no NS connection and does not retry.                                    | keith    | 10/18/2021 10:02 AM |                                                      |
| 4848 | OsmoBSC                         | Bug     | Feedback    | Normal   | osmo-bsc user manual shows tables with per-bts counters three (!) times                        | fixeria  | 03/06/2022 09:08 PM | Related to #4848, Related to #4848                   |
| 4847 | OsmoPCU                         | Bug     | New         | Normal   | fix LLC-DISCARD behaviour                                                                      |          | 11/04/2020 02:37 AM | Related to #4847                                     |
| 4845 | OsmoPCU                         | Bug     | Feedback    | Normal   | only send content resolution if it's needed                                                    | lynxis   | 07/28/2023 02:45 PM |                                                      |
| 4844 | OsmoPCU                         | Bug     | Feedback    | Normal   | do not resent DL assignment on RACH                                                            | lynxis   | 07/28/2023 02:44 PM |                                                      |
| 4842 | libosmocore                     | Bug     | In Progress | Normal   | gsm0408 test fails on several architectures                                                    | neels    | 08/23/2022 04:38 PM |                                                      |
| 4834 | OsmocomBB                       | Bug     | New         | Normal   | package cp210x-program as part of network:osmocom:{nightly,latest}                             | osmith   | 10/26/2020 06:01 PM |                                                      |
| 4832 | OsmoBSC                         | Bug     | Stalled     | Low      | osmo-bsc hard-releases lchan if no MSC is found                                                | neels    | 10/18/2022 09:41 PM | Related to #4832, Related to #4832, Related to #5337 |
| 4830 | OsmoMSC                         | Bug     | In Progress | High     | LU reject when no authentication data in HLR but "authentication optional"                     | neels    | 10/10/2022 02:03 PM |                                                      |
| 4829 | OsmocomBB                       | Bug     | Stalled     | High     | OsmocomBB Rx bit errors in dedicated mode                                                      | laforge  | 02/06/2021 09:11 AM | Related to #4832                                     |
| 4827 | OsmoBTS                         | Bug     | New         | Normal   | OsmoBTS VTY is lacking various vital information                                               |          | 10/23/2020 07:14 PM |                                                      |
| 4825 | OsmoSGSN                        | Bug     | New         | Normal   | security command is missing sometimes                                                          |          | 10/22/2020 02:40 AM |                                                      |
| 4822 | osmo-ccid-firmware              | Bug     | Stalled     | Low      | sysmoOCTSIM with osmo-ccid-firmware sometimes fails to enumerate on USB                        |          | 11/05/2021 05:19 PM |                                                      |
| 4814 | osmo-clock-gen                  | Bug     | New         | Low      | alignment of DC barrel with face plate                                                         | mschramm | 10/16/2020 05:30 PM | Related to #4814                                     |
| 4801 | OsmoBTS                         | Bug     | Stalled     | Normal   | BTS_Tests.TC_tch_sign_l2_fill_frame_dtxd fails                                                 | fixeria  | 11/15/2023 08:32 AM | Related to #4801, Related to #5474                   |
| 4798 | OsmocomBB                       | Bug     | Feedback    | Low      | fake_trx send TRXC responses from wrong source address                                         | fixeria  | 04/30/2021 03:37 AM |                                                      |

| #    | Project                      | Tracker | Status      | Priority | Subject                                                                                                                                                                           | Assignee  | Updated             | Related issues                    |
|------|------------------------------|---------|-------------|----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|---------------------|-----------------------------------|
| 4797 | libosmocore                  | Bug     | Feedback    | Normal   | vtv: the output of 'show ns' command is confusing                                                                                                                                 | fixeria   | 10/23/2020 05:35 PM | Related to #4855,Related to #5085 |
| 4784 | OsmoMSC                      | Bug     | New         | Normal   | wrong cause code (resources unavailable) in MO-to-MT call without response                                                                                                        | neels     | 10/08/2020 02:35 PM |                                   |
| 4783 | libosmocore                  | Bug     | New         | Low      | doxygen: duplicate 'ports.h' warning                                                                                                                                              |           | 10/07/2020 01:29 PM |                                   |
| 4781 | osmo-qcdiag                  | Bug     | New         | High     | get hoernchen/gsmtdp branch merged                                                                                                                                                | Hoernchen | 10/06/2020 03:18 PM |                                   |
| 4777 | osmo-ccid-firmware           | Bug     | New         | Normal   | Reader does not answer to GET DATA RATES command                                                                                                                                  | Hoernchen | 10/14/2020 02:36 PM |                                   |
| 4776 | osmo-ccid-firmware           | Bug     | New         | Normal   | Reader does not answer to GET CLOCK FREQUENCIES command                                                                                                                           | Hoernchen | 10/03/2020 07:31 PM |                                   |
| 4771 | OsmoBTS                      | Bug     | Stalled     | High     | Don't log NOTICE messages on missing uplink bursts                                                                                                                                | fixeria   | 11/16/2021 03:05 PM |                                   |
| 4768 | OsmoBSC                      | Bug     | New         | Normal   | pcu interface: add missing field ts, trx on rach indication                                                                                                                       | lynxis    | 09/30/2020 08:10 PM |                                   |
| 4767 | OsmoBSC                      | Bug     | New         | Normal   | pcu interface: add suspend request support                                                                                                                                        |           | 09/29/2020 04:40 PM |                                   |
| 4766 | OsmoBSC                      | Bug     | New         | Normal   | pcu interface: add app info request                                                                                                                                               |           | 09/26/2020 10:21 PM |                                   |
| 4764 | OsmoMSC                      | Bug     | New         | Normal   | make sure Assignment times out, always                                                                                                                                            |           | 09/23/2020 02:08 PM |                                   |
| 4758 | rtl-sdr                      | Bug     | New         | Normal   | rtl_tcp no longer works on macos 10.15 via macports                                                                                                                               | steve-m   | 04/30/2023 11:59 AM |                                   |
| 4749 | OsmoGGSN (former OpenGGSN)   | Bug     | New         | Normal   | Unknown/Unimplemented PCO Protocol                                                                                                                                                |           | 02/09/2022 01:26 PM |                                   |
| 4746 | libosmocore                  | Bug     | New         | Normal   | gb: NS2: implement a NSE based logfilter                                                                                                                                          |           | 11/14/2020 08:42 AM |                                   |
| 4745 | OsmoMGW                      | Bug     | New         | Low      | osmo-mgw: Wrong IP address returned in SDP "o=" section                                                                                                                           |           | 10/05/2022 11:00 AM |                                   |
| 4731 | libosmocore                  | Bug     | Stalled     | Normal   | LAPDm does not implement SAPI priorities between data link layers                                                                                                                 | fixeria   | 08/28/2020 11:21 AM | Related to #4731,Related to #4731 |
| 4721 | OsmoMSC                      | Bug     | In Progress | Normal   | osmo-msc creates evil-twin entries in the VLR when an already attached IMSI does a LU by an unknown TMSI (was: MSC_Tests.TC_lu_by_tmsi_noauth_unknown fails sporadically locally) | neels     | 03/26/2024 03:02 AM | Related to #4721                  |
| 4720 | rtl-sdr                      | Bug     | New         | Normal   | rtl_power reports invalid values                                                                                                                                                  |           | 08/19/2020 02:47 PM |                                   |
| 4705 | Distributed GSM              | Bug     | New         | Normal   | osmo-hlr user manual: explain the mslookup domain suffix "mdns.osmocom.org", it has no mention in the user manual                                                                 |           | 08/13/2020 12:54 AM |                                   |
| 4700 | libosmocore                  | Bug     | Feedback    | Normal   | 'socket' C test fails when there is no IPv6                                                                                                                                       | neels     | 03/24/2021 12:33 PM |                                   |
| 4691 | OsmoMSC                      | Bug     | New         | Low      | setfault in osmo_sockaddr_str_is_set() via call_leg_ensure_ci()                                                                                                                   |           | 02/06/2021 09:47 AM |                                   |
| 4685 | SDR (Software Defined Radio) | Bug     | New         | Normal   | Can't compile libusrp                                                                                                                                                             |           | 08/04/2020 08:52 AM |                                   |
| 4683 | OsmoBSC                      | Bug     | New         | Normal   | properly report OM2000 bring-up problems                                                                                                                                          | laforge   | 07/30/2020 06:50 AM | Related to #4683,Related to #6378 |
| 4677 | SDR (Software Defined Radio) | Bug     | New         | Normal   | fopher crash on OSX with Qt                                                                                                                                                       |           | 07/27/2020 03:27 AM |                                   |
| 4660 | OsmoMSC                      | Bug     | New         | Normal   | GSM AUTH failure: mismatching sres - with module TRM-5 ext                                                                                                                        |           | 07/12/2020 08:01 PM |                                   |

| #    | Project                         | Tracker | Status   | Priority | Subject                                                                                                    | Assignee  | Updated             | Related issues                                                      |
|------|---------------------------------|---------|----------|----------|------------------------------------------------------------------------------------------------------------|-----------|---------------------|---------------------------------------------------------------------|
| 4658 | OsmocomBB                       | Bug     | Stalled  | High     | Wrong burst order in a multi-trx setup                                                                     | fixeria   | 09/14/2020 10:18 AM | Related to #4658,Related to #4658                                   |
| 4653 | SDR (Software Defined Radio)    | Bug     | New      | Normal   | cannot import name 'fosphor'                                                                               |           | 07/07/2020 02:39 AM |                                                                     |
| 4649 | OsmoBSC                         | Bug     | New      | Low      | OM2K SI5ter: abis_rsl.c:1237 (bts=0,trx=0) ERROR REPORT (cause=Service or Option not available [ 3f ])     | laforge   | 07/04/2020 07:13 PM |                                                                     |
| 4647 | OsmoBSC                         | Bug     | New      | Low      | Getting attributes from BTS0 type nokia_site is not supported.                                             |           | 07/04/2020 09:05 AM |                                                                     |
| 4645 | OsmoBSC                         | Bug     | New      | Normal   | OM2K: "Sequence Error" due to too early initialization of RSL during BTS start                             | laforge   | 07/04/2020 07:24 PM |                                                                     |
| 4642 | OsmoNITB                        | Bug     | New      | Low      | Attempting to set illegal id for FSM instance of type 'OM2000-MO'                                          |           | 07/03/2020 06:40 PM |                                                                     |
| 4637 | OsmoTRX                         | Bug     | New      | Normal   | limesdr usb gain setting changes break gsm phasenoise constraints                                          |           | 06/29/2020 04:43 PM |                                                                     |
| 4631 | OsmoSGSN                        | Bug     | New      | Low      | packet/byte counters don't work for 3G                                                                     |           | 06/24/2020 06:58 AM |                                                                     |
| 4630 | OsmoBTS                         | Bug     | New      | Low      | osmo-bts: GSMTAP DL (tx) messages use hardcoded signal level 0                                             |           | 10/05/2022 09:11 AM |                                                                     |
| 4622 | OsmoTRX                         | Bug     | New      | High     | Lots of "dumping STALE burst in TRX->SDR interface" messages in osmo-trx after osmo-bts-trx proper restart | Hoernchen | 07/06/2020 11:57 AM |                                                                     |
| 4614 | OsmoBSC                         | Bug     | Stalled  | Low      | "bogus channel load sample" when using BS-11, Nokia or Ericsson BTS                                        | laforge   | 02/13/2021 05:34 PM |                                                                     |
| 4605 | OsmoSGSN                        | Bug     | New      | High     | GMM_ATTACH_REQ_FSM: Event E_AUTH_RESP_RECV_SUCCESS not permitted                                           | lynxis    | 06/13/2020 06:16 PM | Related to #4605                                                    |
| 4604 | OsmoSGSN                        | Bug     | New      | Normal   | Lots of "Unusual event"                                                                                    | lynxis    | 06/13/2020 06:19 PM | Related to #4604,Related to #4604,Related to #4604,Related to #4604 |
| 4602 | OsmoSGSN                        | Bug     | Feedback | Normal   | SGSN crash with "Assert failed mm->gb.lme == NULL gprs_sgsn.c:358"                                         | lynxis    | 02/26/2021 07:34 PM | Related to #4604,Related to #4605,Related to #4602                  |
| 4601 | OsmoSGSN                        | Bug     | Feedback | Normal   | gmm_fsm{Registered.SUSPENDED}: Event E_GMM_COMMON_PROC_INIT_REQ not permitted                              | lynxis    | 06/08/2020 06:11 PM | Related to #4604                                                    |
| 4600 | OsmoSGSN                        | Bug     | Feedback | Normal   | gmm_fsm{CommonProcedureInitiated}: Event E_GMM_COMMON_PROC_INIT_REQ not permitted                          | lynxis    | 06/08/2020 06:08 PM | Related to #4604                                                    |
| 4599 | OsmoSGSN                        | Bug     | New      | Normal   | counter group sgsn:pdpx already exists for index X, instead using Y                                        |           | 09/09/2020 10:05 AM | Related to #4604                                                    |
| 4592 | OsmoBTS                         | Bug     | Stalled  | Low      | osmo-bts-trx: make sure that handover detection works                                                      | fixeria   | 06/21/2020 03:10 PM | Related to #4592                                                    |
| 4589 | OsmoBSC                         | Bug     | New      | Normal   | osmo-bsc crashes with "lchan allocation failed in state WAIT_RF_RELEASE_ACK: Timeout"                      |           | 06/06/2020 10:40 PM |                                                                     |
| 4579 | OsmoBTS                         | Bug     | New      | Normal   | add IPv6 support                                                                                           |           | 02/12/2021 12:26 PM |                                                                     |
| 4578 | Cellular Network Infrastructure | Bug     | New      | High     | Updated slides / presentations / videos on setting up Osmocom CNI                                          | laforge   | 02/13/2021 05:35 PM |                                                                     |



| #    | Project                        | Tracker | Status      | Priority | Subject                                                                                               | Assignee  | Updated             | Related issues                                     |
|------|--------------------------------|---------|-------------|----------|-------------------------------------------------------------------------------------------------------|-----------|---------------------|----------------------------------------------------|
| 4576 | Core testing infrastructure    | Bug     | Stalled     | High     | ttcn3-hlr-tests need to route multicast traffic between ttcn3-hlr-test and osmo-hlr-master containers | neels     | 10/28/2020 09:48 PM |                                                    |
| 4565 | OsmoHLR                        | Bug     | New         | Normal   | TTCN-3 testsuite: mDNS_UDP: maximum number of open file descriptors is greater than FD_SETSIZE        | fixeria   | 06/17/2020 09:28 AM |                                                    |
| 4560 | OsmoBSC                        | Bug     | New         | Normal   | inter-BSC HO: target cell fails when there is no TCH, only dynamic TCH/F_PDCH timeslots               | neels     | 05/20/2020 09:00 PM |                                                    |
| 4557 | OsmoMSC                        | Bug     | New         | Normal   | normal BSSMAP Clear Command from MSC contains cause == 0 meaning "Radio interface message failure"    |           | 05/20/2020 07:17 PM |                                                    |
| 4554 | OsmoMGW                        | Bug     | New         | Normal   | Clean up stale endpoints after OsmoBSC crash                                                          |           | 05/16/2020 08:52 PM |                                                    |
| 4553 | OsmoBSC                        | Bug     | New         | Normal   | OsmoBSC doesn't handle RESET IP RESOURCE BSSMAP message                                               |           | 05/16/2020 07:44 PM |                                                    |
| 4552 | OsmoMGW                        | Bug     | New         | Normal   | ip-probing issue with BTS connection - no rebinding to a correct IP address                           |           | 05/14/2020 11:18 PM |                                                    |
| 4542 | OsmoGSMTester                  | Bug     | Stalled     | Normal   | ofono: crash in drivers/qmimodem/gprs.c:extract_ss_info()                                             | pespin    | 07/30/2021 10:30 AM |                                                    |
| 4538 | OsmoBSC                        | Bug     | New         | Normal   | timeslot_fsm.c: make the PDCH act/deact timeout configurable                                          |           | 05/09/2020 08:20 PM | Related to #4539                                   |
| 4513 | rtl-sdr                        | Bug     | New         | Normal   | PKG information broken                                                                                |           | 04/26/2020 03:21 PM |                                                    |
| 4500 | OsmoBTS                        | Bug     | Stalled     | Normal   | osmo-bts-{sismo,oc2g,litecell15}: PTCCH/U is not enabled on PDCH timeslots                            | fixeria   | 06/25/2020 04:48 PM | Related to #4500,Related to #4500,Related to #4501 |
| 4491 | OsmoHLR                        | Bug     | New         | Low      | Cancel in old VLR/SGSN, if new VLR/SGSN differs from old                                              |           | 04/15/2020 12:29 PM |                                                    |
| 4484 | gr-osmosdr                     | Bug     | New         | Normal   | CMakeFiles.txt                                                                                        |           | 04/06/2020 05:19 PM |                                                    |
| 4480 | IMSI Pseudonymization          | Bug     | New         | Normal   | Applet/OsmoMSC: fix or workaround for OsmoMSC only paging attached MS                                 |           | 04/16/2020 08:45 AM | Related to #4480                                   |
| 4474 | OsmoBTS                        | Bug     | In Progress | Low      | l1fwd (-remote) tried to read eeprom locally                                                          |           | 11/04/2021 06:35 PM |                                                    |
| 4469 | OsmoTRX                        | Bug     | New         | Normal   | osmo-trx-uhd is sending UDP packets to port 49600 at various addresses on startup                     | laforge   | 06/13/2020 06:07 PM |                                                    |
| 4468 | OsmoTRX                        | Bug     | Feedback    | Normal   | "RSSI offset" default of 0 is not useful                                                              | Hoernchen | 10/14/2020 02:40 PM | Related to #4468,Related to #4468,Related to #4583 |
| 4464 | libosmo-abis                   | Bug     | In Progress | Normal   | "osmo_rtp_socket_poll(): ERROR!" messages during normal osmo-bts usage                                | laforge   | 02/06/2021 02:27 PM | Related to #4467                                   |
| 4457 | libosmo-sccp + libosmo-sigtran | Bug     | New         | Normal   | editing the SCCP address book (global-title) on a running instance may crash the application          |           | 03/17/2020 11:17 PM |                                                    |
| 4452 | OsmoPCU                        | Bug     | Stalled     | Normal   | manual testing of osmo-pcu                                                                            |           | 07/28/2023 02:48 PM |                                                    |
| 4451 | OsmoMSC                        | Bug     | New         | Normal   | vty 'show stats level': different stats levels yield identical results                                |           | 03/09/2020 10:10 PM |                                                    |
| 4447 | OsmoMGW                        | Bug     | New         | Normal   | DSCP value should be a 6 bit field                                                                    | osmith    | 03/09/2020 04:50 PM | Related to #4447                                   |
| 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                                   |

| #    | Project                    | Tracker | Status      | Priority | Subject                                                                                      | Assignee  | Updated             | Related issues                    |
|------|----------------------------|---------|-------------|----------|----------------------------------------------------------------------------------------------|-----------|---------------------|-----------------------------------|
| 4443 | libosmocore                | Bug     | New         | Normal   | CTRL interface blocks wildcard in rate_ctr                                                   |           | 03/08/2020 01:06 PM | Related to #4443,Related to #4443 |
| 4440 | OsmoBTS                    | Bug     | New         | Normal   | osmo_bts_virtual doesn't detect if mobile/virtphy is gone                                    | laforge   | 03/07/2020 03:44 PM |                                   |
| 4432 | OsmoMGW                    | Bug     | New         | Normal   | for 'domain **', mgw should echo the domain of the MGCP client                               |           | 03/04/2020 12:39 AM |                                   |
| 4431 | osmo-clock-gen             | Bug     | In Progress | Normal   | TC1 (TC2050) pin 4 should connect to VDD network, not VDD_3V3                                | laforge   | 07/20/2020 10:42 PM |                                   |
| 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 |                                   |
| 4427 | rtl-sdr                    | Bug     | New         | Normal   | docker + rtl_sdr issue                                                                       |           | 02/29/2020 01:16 PM |                                   |
| 4417 | IMSI Pseudonymization      | Bug     | New         | Normal   | Applet: LU counter should only increase on successful location update                        |           | 04/16/2020 08:45 AM | Related to #4478                  |
| 4409 | osmo-remsim                | Bug     | Stalled     | Low      | osmo-remsim-client-st2 (or firmware?) gets stuck on PTS                                      | Hoernchen | 02/06/2021 08:55 AM |                                   |
| 4383 | pySim                      | Bug     | Stalled     | High     | Jenkins build verification is non-deterministic                                              | dexter    | 04/06/2021 04:58 PM | Related to #4384,Related to #5127 |
| 4366 | OsmoTRX                    | Bug     | New         | Normal   | Create testsuite to test osmo-bts-trx+osmo-trx under high channel load (w/ RACH correlation) | pespin    | 01/15/2020 01:59 PM | Related to #4366                  |
| 4364 | OsmoBTS                    | Bug     | New         | Normal   | osmo-bts-trx configured with 2 TRX and osmo-trx with 1 TRX -> bad behavior                   | pespin    | 07/06/2020 07:16 PM |                                   |
| 4359 | gr-osmosdr                 | Bug     | New         | Normal   | Compiling from Git Bramcjr gr3.8 fails                                                       |           | 01/12/2020 05:08 PM |                                   |
| 4354 | OsmocomBB                  | Bug     | New         | Low      | update wiki about GTM-900B compatibility                                                     | laforge   | 09/30/2020 11:38 PM |                                   |
| 4352 | osmo-sip-connector         | Bug     | New         | Normal   | Need to handle 401 Unauthorized                                                              |           | 01/09/2020 02:03 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                  |
| 4325 | gr-osmosdr                 | Bug     | New         | Normal   | can't open hackrf_sink with device index                                                     |           | 12/13/2019 09:18 AM |                                   |
| 4317 | osmo-pcap                  | Bug     | New         | Low      | external tests not enabled in jenkins.sh                                                     |           | 12/10/2019 02:42 PM |                                   |
| 4312 | OsmoHLR                    | Bug     | New         | High     | GSUP keepalives / connection loss detection                                                  |           | 10/12/2020 02:42 PM |                                   |
| 4310 | osmo-sip-connector         | Bug     | New         | Normal   | sends BYE to self                                                                            |           | 01/09/2020 09:21 AM |                                   |
| 4304 | libosmocore                | Bug     | New         | Low      | missing unit tests for many gsm48_{encode,decode} functions                                  |           | 12/04/2019 01:50 PM |                                   |
| 4303 | OsmoHLR                    | Bug     | New         | Low      | various minor issues about evaluation of rc = db_subscr_get_by_*                             |           | 12/03/2019 11:02 PM |                                   |
| 4274 | OsmoSTP                    | Bug     | New         | Normal   | AS Name isn't displayed                                                                      |           | 03/14/2024 10:33 AM |                                   |
| 4268 | Distributed GSM            | Bug     | In Progress | Normal   | duplicate SMS when SMPP handler sends back to the originating MSC                            | neels     | 06/08/2020 03:11 PM |                                   |
| 4265 | libosmocore                | Bug     | New         | Normal   | --enable-embedded doesn't work as expected                                                   |           | 11/12/2019 11:18 AM |                                   |
| 4240 | OsmoMSC                    | Bug     | In Progress | Normal   | test: incoming call when already Paging                                                      |           | 11/27/2019 11:09 PM |                                   |
| 4222 | OsmoSGSN                   | Bug     | New         | High     | Implement PS Paging for the Routing Areas                                                    |           | 10/03/2020 02:20 PM | Related to #4222                  |
| 4174 | osmo-fl2k                  | Bug     | New         | Normal   | After the latest commits, the fl2k tools do not exit on first SIGINT                         |           | 08/25/2019 04:57 PM |                                   |
| 4172 | OsmoGGSN (former OpenGGSN) | Bug     | New         | Normal   | osmoggsn crashes when stopping                                                               |           | 08/29/2019 11:35 AM |                                   |

| #    | Project                         | Tracker | Status   | Priority | Subject                                                                                                                          | Assignee  | Updated             | Related issues                    |
|------|---------------------------------|---------|----------|----------|----------------------------------------------------------------------------------------------------------------------------------|-----------|---------------------|-----------------------------------|
| 4167 | OsmoMSC                         | Bug     | Feedback | Normal   | Event VLR_ULA_E_ID_IMEISV not permitted                                                                                          | osmith    | 09/04/2019 08:13 PM |                                   |
| 4163 | OsmoHLR                         | Bug     | New      | Normal   | Subscriber on demand: "Error while deleting subscriber data for IMSI" after changing network access mode from cs+ps back to none | osmith    | 08/22/2019 01:41 PM |                                   |
| 4161 | OsmoGGSN (former OpenGGSN)      | Bug     | New      | Normal   | Implement pdp idle timer                                                                                                         | pespin    | 08/20/2019 06:30 PM | Related to #4161                  |
| 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                  |
| 4153 | OsmoMGW                         | Bug     | New      | Normal   | 3G voice broken with ALu 9361 femto                                                                                              |           | 04/25/2022 05:43 PM |                                   |
| 4151 | OsmoGSMTester                   | Bug     | Stalled  | Normal   | osmo-gsm-tester: osmo-trx-lms process sometimes kept forever in zombie-alike state after killing it                              |           | 09/30/2020 08:08 PM | Related to #4151                  |
| 4149 | libosmocore                     | Bug     | New      | Normal   | osmo_fsm allows event names to have spaces in them                                                                               | laforge   | 01/25/2022 09:53 AM |                                   |
| 4141 | Cellular Network Infrastructure | Bug     | New      | Normal   | No osmux specific code in place during codec negotiation                                                                         |           | 08/05/2019 03:57 PM |                                   |
| 4131 | Cellular Network Infrastructure | Bug     | Stalled  | Low      | osmo-gsm-manuals: Use leveloffset attribute on common documents                                                                  | osmith    | 12/01/2019 09:48 AM | Related to #4140                  |
| 4130 | OP25                            | Bug     | New      | Normal   | OP25 User Interface                                                                                                              |           | 07/26/2019 02:36 AM |                                   |
| 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 |
| 4108 | Cellular Network Infrastructure | Bug     | New      | Low      | osmo-ctrl2cgi, osmo-trap2cgi: missing default configs                                                                            |           | 07/16/2019 12:30 PM | Related to #4108                  |
| 4104 | libosmocore                     | Bug     | New      | Normal   | support for KASME generation                                                                                                     | laforge   | 07/12/2019 10:15 AM | Related to #4105                  |
| 4098 | gr-osmosdr                      | Bug     | New      | Normal   | [BladeRF micro] Arguments set in osmocom Sink and Source are not passed to libbladerf                                            | horiz0n   | 07/18/2019 05:35 AM |                                   |
| 4082 | OsmoBTS                         | Bug     | New      | Normal   | OML: Unknown/unhandled PCHAN type: 0 NONE                                                                                        |           | 11/18/2019 10:09 AM |                                   |
| 4072 | libosmo-sccp + libosmo-sigtran  | Bug     | New      | Normal   | Implement IPA PING/PONG mechanism in libosmo-sigtran +                                                                           | Hoernchen | 06/21/2019 02:51 PM | Related to #4072                  |
| 4070 | OsmoBSC                         | Bug     | Stalled  | Normal   | Implement IPA PING/PONG mechanism on RSL and OML                                                                                 | osmith    | 09/30/2020 08:13 PM | Related to #5785                  |
| 4069 | Cellular Network Infrastructure | Bug     | New      | Low      | Implement IPA PING/PONG mechanism everywhere                                                                                     | osmith    | 02/06/2021 02:27 PM | Related to #4072                  |
| 4041 | SIMtrace 2                      | Bug     | New      | Normal   | implement SIMTRACE_CMD_BD_BOARD_INFO                                                                                             | laforge   | 12/06/2019 01:38 PM | Related to #4041                  |
| 4031 | OsmoBTS                         | Bug     | New      | Normal   | OML part of BTS has no TTCN-3 tests                                                                                              |           | 09/04/2019 09:04 AM | Related to #4031,Related to #4031 |
| 4023 | OsmoBTS                         | Bug     | Stalled  | Normal   | Missing coverage of PCU interface in osmo-bts                                                                                    |           | 03/21/2023 01:07 PM | Related to #4023                  |
| 4019 | OsmoPCU                         | Bug     | New      | Normal   | implement a command to show all informations from the bts                                                                        |           | 11/25/2020 07:33 PM |                                   |
| 4018 | OsmoPCU                         | Bug     | New      | Normal   | investigate ordering of includes paths                                                                                           |           | 05/23/2019 10:59 AM |                                   |
| 4017 | OsmoMSC                         | Bug     | New      | Normal   | MSC fails to handle calls                                                                                                        |           | 05/29/2019 04:56 PM |                                   |

| #    | Project       | Tracker | Status      | Priority | Subject                                                                       | Assignee | Updated             | Related issues                                     |
|------|---------------|---------|-------------|----------|-------------------------------------------------------------------------------|----------|---------------------|----------------------------------------------------|
| 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 |
| 4008 | OsmoBTS       | Bug     | Feedback    | High     | Channel Activation starts SACCH too early in Asynchronous Handover            |          | 03/11/2022 12:47 PM | Related to #4008,Related to #4010,Related to #4009 |
| 4005 | OsmoMGW       | Bug     | Stalled     | Normal   | TTCN3 crashes when receiving an RTP MGCP_DUMMY_LOAD from osmo-mgw during CRCX | dexter   | 06/14/2021 08:31 AM | Related to #4005                                   |
| 4004 | OsmoMSC       | Bug     | New         | Low      | lu_fsm_priv.rej_cause is never used                                           | neels    | 11/21/2023 02:37 AM |                                                    |
| 3992 | OsmoMSC       | Bug     | New         | Normal   | inter-MSC handover for signalling-only?                                       |          | 05/09/2019 11:39 AM |                                                    |
| 3983 | libosmocore   | Bug     | New         | Normal   | osmo_fsm_inst_change_parent() forgets to talloc reparent                      |          | 03/24/2021 12:35 PM |                                                    |
| 3981 | OsmoTRX       | Bug     | New         | Normal   | osmo-trx-lms: Overruns appear from time to time                               |          | 09/30/2020 08:08 PM | Related to #3981                                   |
| 3980 | OsmoMGW       | Bug     | New         | Normal   | Clear Command before CRCX OK may leak MGW endpoint                            |          | 05/06/2019 10:11 PM |                                                    |
| 3970 | OsmoTRX       | Bug     | New         | Low      | libusrp fails to compile 1/4 of times in jenkins with PARALLEL_MAKE set       |          | 01/08/2020 10:56 PM | Is duplicate of #3970                              |
| 3964 | OsmoSGSN      | Bug     | New         | Normal   | SIGSEGV in sndcp_sm_deactivate_ind()                                          |          | 10/10/2019 07:11 PM | Related to #3964,Related to #4221,Related to #4602 |
| 3949 | OsmoTRX       | Bug     | New         | Normal   | osmo-trx-lms: improve runtime gain setting (missing calibration)              |          | 09/30/2020 08:08 PM | Related to #4468                                   |
| 3940 | OsmoSGSN      | Bug     | New         | Normal   | TTCN-3: lu: test UMTS Auth                                                    |          | 04/24/2019 08:24 AM |                                                    |
| 3939 | OsmoSGSN      | Bug     | New         | Normal   | TTCN: do a GMM Attach Request when in GMM Connected and have a PDP Request    |          | 04/24/2019 08:25 AM |                                                    |
| 3937 | OsmoSGSN      | Bug     | In Progress | Normal   | lu: verify handling of GMM Service Request (data)when no PDP Context present. |          | 05/21/2019 10:28 AM | Related to #3937                                   |
| 3936 | OsmoSGSN      | Bug     | New         | Normal   | lu: first GMM Service Request does not find a MM ctx                          |          | 05/07/2019 01:37 PM | Related to #3936                                   |
| 3929 | OsmoPCU       | Bug     | New         | Normal   | Missing PCU_Tests.ttcn link adaptation tests                                  | pespin   | 06/17/2020 08:32 AM | Related to #3929                                   |
| 3928 | OsmoPCU       | Bug     | Stalled     | High     | Missing PCU_Tests.ttcn for various timers / time-outs                         | pespin   | 11/15/2021 05:46 PM | Related to #5033                                   |
| 3926 | OsmoPCU       | Bug     | Stalled     | High     | Missing PCU_Tests.ttcn DL TBF tests                                           | pespin   | 03/01/2021 11:06 AM |                                                    |
| 3923 | OsmoSGSN      | Bug     | New         | Normal   | lu: Respond to SecurityCommandReject messages                                 |          | 04/24/2019 08:26 AM | Related to #3923                                   |
| 3917 | OsmoGSMTester | Bug     | New         | Normal   | ofono: update debian packages to match our dependencies                       |          | 04/06/2020 11:30 AM |                                                    |
| 3909 | libosmocore   | Bug     | New         | Normal   | osmo_get_rand_id() fails in containerised environment                         |          | 03/24/2021 12:34 PM | Related to #3909                                   |
| 3882 | gr-osmosdr    | Bug     | New         | Normal   | Cannot compile gr-osmosdr!                                                    | horiz0n  | 07/18/2019 05:35 AM |                                                    |
| 3880 | OsmoMSC       | Bug     | New         | Normal   | GSUP MT-ForwardSM Message Reference - wrong value in a response               |          | 04/01/2019 07:47 AM |                                                    |

| #    | Project                        | Tracker | Status   | Priority | Subject                                                                                                                                  | Assignee  | Updated             | Related issues                                                      |
|------|--------------------------------|---------|----------|----------|------------------------------------------------------------------------------------------------------------------------------------------|-----------|---------------------|---------------------------------------------------------------------|
| 3871 | libosmo-sccp + libosmo-sigtran | Bug     | Feedback | Low      | osmo_scu_prim conn_id should be scoped per-user and direction, and should not correlate with the local-reference spoken on the SCCP wire | laforge   | 04/02/2023 09:01 AM | Related to #3871,Related to #3871,Related to #5579,Blocks #3872     |
| 3865 | OsmoBSC                        | Bug     | New      | Normal   | nanoBTS: GPRS not working anymore, modems unable to attach in osmo-gsm-tester                                                            |           | 05/11/2023 01:00 PM | Is duplicate of #3865                                               |
| 3855 | gr-osmosdr                     | Bug     | New      | Normal   | Cannot build gr-osmosdr with Gnuradio 3.8                                                                                                | horiz0n   | 07/13/2020 10:05 PM |                                                                     |
| 3849 | OsmoMGW                        | Bug     | New      | Normal   | race condition problem in rtp flow tests of the ttcn3 testsuite                                                                          |           | 09/04/2019 09:26 AM |                                                                     |
| 3841 | OsmoBSC                        | Bug     | New      | Low      | cosmetic: tearing down the old lchan after inter-BSC handover always goes through RELEASE_AFTER_ERROR (instead of normal release)        | neels     | 05/08/2019 05:43 PM |                                                                     |
| 3829 | OsmoMSC                        | Bug     | New      | Normal   | osmo-msc expects aoip TLV in Assignment Complete messages from BSC                                                                       |           | 03/07/2019 08:30 PM |                                                                     |
| 3822 | OsmoMGW                        | Bug     | New      | Low      | conn mode "sendonly" behaves identically to "sendrecv"                                                                                   |           | 03/04/2019 09:34 PM |                                                                     |
| 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                                                    |
| 3817 | SDR (Software Defined Radio)   | Bug     | New      | Normal   | Unable to use fosphor display on Ubuntu 18.10                                                                                            |           | 02/26/2019 06:56 PM |                                                                     |
| 3815 | SIMtrace 2                     | Bug     | New      | Normal   | simtrace2 fails USB-IF CH9 test                                                                                                          | Hoernchen | 05/12/2020 07:24 PM |                                                                     |
| 3814 | OsmoBSC                        | Bug     | New      | Normal   | MS Power Control Problem with Osmo-BSC and nanoBTS                                                                                       |           | 02/24/2019 01:15 AM |                                                                     |
| 3812 | libosmo-netif                  | Bug     | Stalled  | Normal   | stream_test fails depending on where it is run                                                                                           |           | 03/13/2019 04:15 PM |                                                                     |
| 3806 | OsmoBSC                        | Bug     | Stalled  | Normal   | OsmoBSC accepts BSSAP with wrong length field                                                                                            |           | 08/28/2020 08:15 PM | Related to #3806                                                    |
| 3797 | rtl-sdr                        | Bug     | New      | Normal   | Exits with "Bus error"                                                                                                                   |           | 02/12/2019 02:28 PM |                                                                     |
| 3796 | OsmoBTS                        | Bug     | New      | Low      | OsmoBTS doesn't send proper cause values in NACK                                                                                         |           | 07/18/2019 06:04 AM | Related to #3796                                                    |
| 3792 | OsmoBTS                        | Bug     | New      | Normal   | OsmoBTS doesn't include the "Starting Time" attribute in "Set BTS Attributes ACK"                                                        | osmith    | 07/18/2019 06:05 AM |                                                                     |
| 3787 | OsmoBSC                        | Bug     | New      | Low      | Assignment Request modifies conn->codec_list before the Assignment is successful                                                         |           | 01/08/2020 10:25 PM | Related to #3833                                                    |
| 3786 | OsmoBSC                        | Bug     | New      | Low      | Assignment Request modifies conn->lcls state before the Assignment is successful                                                         |           | 01/08/2020 10:25 PM |                                                                     |
| 3782 | OsmoBTS                        | Bug     | New      | Low      | OML bringup fails for osmo-bts-oc2g on high latency links                                                                                |           | 01/08/2020 10:27 PM | Related to #3782,Related to #3782,Related to #3789,Related to #4031 |
| 3780 | OsmoBTS                        | Bug     | New      | Low      | existing test suite doesn't catch wrong measurement processing                                                                           | dexter    | 10/26/2020 09:56 PM |                                                                     |

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